

BIDDER WISE CLARIFICATIONS

| S.N | Prospective Bidder | RFP Reference | Existing RFP Clause | Bidder's query | Clarification |
|-----|---|------------------------------|---|---|---|
| 1 | ProstarM Info Systems Ltd | 3.7.2 (C) Page no. 46 | 3 KVA True Online UPS specification - 3Years Warranty | Battery's vender (Exide/Amarraja/Rocket ETC having by default warranty 2 years on their SMF batteries . Please take on our request with 3 years warranty on UPS and 2 years warranty on Batteries . | It will be the vendors responsibility to ensure the upkeep and operability of the UPS and battery regardless of the OEM warranties for the entire project period. |
| 2 | LG Electronics India | 3.7.2 (J) Page no 55 | Smart Digital Classroom Equipments' certification: BIS | Pls add UL,FCC for Safety & Electrical tests | Tender condition prevails |
| 3 | Oxygen Animation Studio, GurujiWorld, Inspira, SV Engineering | 2.5 Page No 18 | Consortiums and Joint Ventures | The current RFP has a defined scope which can be executed efficiently by maximum of 2 partners one as lead bidder and other as implementation partner. We would request to keep the consortium to max of 2 companies. | Tender condition prevails |
| 4 | Oxygen Animation Studio, GurujiWorld, Inspira, SV Engineering | 3.3 Page No 28 | 3.3 Technical Evaluation Marking 3 Experience in Education The lead bidder or the consortium partner (any member of the consortium) should have executed /executing projects involve in provisioning of IT hardware or educational e-learning software ,online MIS dashboard with educational services like teacher training, multimedia contest at least 60 government schools in last 5 years marks would be awarded as follows : 60 to 240 schools= 1 mark;240 to 960 schools=3 marks; more than 960 schools= 5 marks | The current RFP is covering 123 schools with a scope of all classrooms per school which make the total digital classroom number to 1230 with approx. 10 classroom per school. The experience criteria must be based on the total scope of 1230 classrooms i.e. it must be minimum for 600 schools and not 60 schools. Our request is to increase this criteria to 600 schools from 60 schools. | Tender condition prevails |
| 5 | Oxygen Animation Studio, GurujiWorld, Inspira, SV Engineering | 3.6.1 Page No 35 | 3.6 Scope of Work 3.6.1 Interventions (V). The computer functional literacy is necessary for any job today. Computer Functional Literacy e-Contents will be deployed in all computer devices in the Computer lab and in every digital classroom. The Computer Functional Literacy e-Contents must follow the outline at Section I. | English Language Training e- contents will be installed in the Computer Lab that would be created as per point I. | It is upto to the bidder to propose how the English Language Training will be provided, whether in class or in computer lab. |
| 6 | Oxygen Animation Studio, GurujiWorld, Inspira, SV Engineering | 3.3 Page No 30 | o Quality of dashboards =1 Marko Quality of dashboards =1 mark, o Quality of trainer manuals =0.5 marks, o Ease of use and functionality of software/ application provided – pairing of students, group discussions, teacher view and controls, student audio panel, system set up, simultaneous log in, etc. = 2.5 marks, o Nature of language learning activities provided = 1 mark | The marking parameter under Others: Ease of use and functionality of software/ application provided –pairing of students, group discussions, teacher view and controls, student audio panel, system set up, simultaneous log in, etc. = 2.5 marks We request to delete the above as e-contents are installed in the computer hardware parameter and Training e- content parameter | This evaluation criteria is for evaluation of e-content for English Language content |
| 7 | Oxygen Animation Studio, GurujiWorld, Inspira, SV Engineering | General | No existing Clause | Please add a new parameter to evaluate the E-Learning Platform to be hybrid and supports multiple form factors and operating systems. We would like to propose to include evaluation parameter for E-learning platform which is App based for students/teachers to access digital content online beyond classroom teaching using tablet/mobile/PC. The marks can be proposed for following compliance: a. Mobile App b. Hybrid App c. Hybrid Mobile App with online streaming | The bidder is entitled to propose any additional app or feature it deems necessary. Tender condition prevails. |
| 8 | Oxygen Animation Studio, GurujiWorld, Inspira, SV Engineering | 3.6.1 (I) Page No 36 | 3.6 Scope of Work 3.6.1 Interventions (I). Computer Labs: A)Ensure compliance of electrical earthing. B)Physical security like grills, locks, CCTV etc. | We would request to delete the mentioned 2 points under this head, as they need more clarity in terms of what is expected from the bidder and currently they lead to confusion in bidding of the components which are not asked for. Also, no structured cabling specification has been mentioned for computer lab, we assume that desktops in computer LAB are WIFI enabled and there will be no structured cabling requirement in this scenario please remove Networking from Computer lab. | It is the responsibility of the vendor to ensure that connectivity of nodes to internet is good and consistent. The vendors shall propose solution. Structured cabling is preferred. |
| 9 | Oxygen Animation Studio, GurujiWorld, Inspira, SV Engineering | 3.6.1 (II) Page No 36 | 3.6 Scope of Work 3.6.1 Interventions (II) Smart Class with Video Recording and Artificial Intelligence Analytics: | RFP has no mention of any hardware requirement for Servers to run the Artificial Intelligence based analytics. To run the Analytics system, GPU (Graphic Processing Units) /Graphic Card equipped servers will be required. We request to share the minimum server specifications and quantities of servers as part of the BOQ . Kindly clarify for how much duration (e.g. 30 / 60/ 90 days)will the video recording shall be stored. Kindly provide the storage hardware specification. The total number of use cases mentioned in the RFP are 7. Kindly clarify how many use cases will run on each HD camera? This will define the sizing of the servers and hence is a very important consideration. The AI application servers will be hosted at which location / data center ? Kindly clarify As per the requirements mentioned in the RFP the solution will require all the HD camera feed from classrooms to be streamed to a central data center. Are all the schools connected with a central data center? What is the available bandwidth in between the schools and the data center? Who is going to provide the bandwidth and link? Similarly all the classrooms will have 2 HD cameras each which will get connected to a small hub room (e.g. Computer lab in this case) . The most efficient and economical way will be to connect all the HD camera through a POE Ethernet switch. Hence we would suggest PCMC to provision for POE based Ethernet switches also for every school and mention minimum specification and quantities in the BOQ. | For AI specifications, pls see corriendum. Bidder shall have to procure and ensure its installation and operationalization at the data centre space provided by PCSCL. Ethernet switches will have to be provided by the vendor |
| 10 | Oxygen Animation Studio, GurujiWorld, Inspira, SV Engineering | 3.6.1 (X) Page No. 39 | 3.6 Scope of Work 3.6.1 Interventions (X) online MIS Dashboard | We would request to refrain the mentioned point as Mobile compatible rather than Mobile App as this being Online MIS Dashboard reporting tool the data will be too heavy to create a App for viewing the same. These MIS reports will be viewed in a mobile browser and hence would request to make it Mobile view compatible instead of Mobile App. We would request to provide us details for the below queries: Where Online MIS Dashboard will hosted? Who will be providing the server for the same? What will be the configuration of the server? How will school connect to internet and access the Online MIS Dashboard? What will be the internet bandwidth provided to each school covering classroom and computer lab? Since MIS is online then all the schools needs to be connected to central location, which will require additional IT infra like router, switches, link connectivity to central location etc. Please provide your detail architecture and requirement on MIS. | The bidder shall provide the best solution, it may be either application or mobile compatible online MIS. Bidder would have to host Online MIS dashboard at PCMC data center, until the PCSCL data center is operational. The server configuration of the same shall be estimated by the bidder based on the solution proposed. The server will be provided by PCSCL. PCSCL shall ensure sufficient bandwidth is available at school level. Bidder to suggest the bandwidth requirement based on their solution. |
| 11 | Oxygen Animation Studio, GurujiWorld, Inspira, SV Engineering | 3.7.1 (1) Page No 42 | 3.7 Technical Specifications 3.7.1 Bill of Material (1). Computer Lab Quantity per School – Electrification, Networking in lab with paint and vinyl flooring, earthing as per the Govt standard guidelines | We would request to provide clarity in terms of size of the room and walls for painting and vinyl flooring. Please clarify Govt. Standard guidelines details. Please remove Networking as no structured networking is required, we are assuming the Lab will be wifi. | Average size of wall is 12'x15'. These are 30 BALA concepts, minimum 2 per classroom, and minimum 10 in common areas. The details of the same are mentioned in the tender document. The exact concepts to be implemented will have to be proposed by the bidder, and during implementation discussed and approved by PCSCL/School Department . Pls refer to BALA guidelines published by Directorate of Education, GoI. Regarding networing, it is up to the bidder to suggest wheether wi-fi or structured networing would be used. However, structured cabling would be preferred. |
| 12 | Oxygen Animation Studio, GurujiWorld, Inspira, SV Engineering | 3.7.1 (4) Page no 43 | 3.7 Technical Specifications 3.7.1 Bill of Material (4). Smart Digital Classroom: Specifications – 65" LED Display | We would request to add the specifications of windows based computing device mentioned at point A under Section 3.7.2, which is part of the Computer Lab under this parameters as well to make it as - 65" LED Display with Windows based computing device. As Smart TV cannot be used for delivery of effective digital education as it is more a streaming device with minimal configuration to run a digital education Platform. | Tender condition prevails |
| 13 | Oxygen Animation Studio, GurujiWorld, Inspira, SV Engineering | 3.7.1 (9) Page No. 44 | 3.7 Technical Specifications 3.7.1 Bill of Material (9) BALASpecifications – Concept to be pasted on walls and floorings Quantity per School – 30 | We would request to provide clarity in terms of size/area of the walls and floorings for us to quantify the Bom for painting. What is this quantity per school 30 please clarify? i.e. is it 30 walls or 30 floors or 30 rooms or 30 sq. ft. area etc. | In every school, at least 30 BALA concepts i.e. minimum 2 per classroom, and minimum 10 in common areas will be implemented. The details of the indicative concepts have been described in the tender documents. Prior to implementation, the bidder shall explain the exact BALA concepts to PCSCL/School department. Subsequently, only the approved BALA concept shall be implemented in each school. Kindly refer BALA guidelines published by Directorate of Education, GoI. |
| 14 | Oxygen Animation Studio, GurujiWorld, Inspira, SV Engineering | General | No existing Clause | Request clarification if there should be any interschool's communication required. As per our understanding all applications will be accessed locally | Interschool's communication is required only at teacher and Principal level |
| 15 | Oxygen Animation Studio, GurujiWorld, Inspira, SV Engineering | 3.7.1 (1) Page No 48 | 3.7 Technical Specification 3.7.1 Bill of Material (1) Computer lab Specification: Wi-Fi access point | Wi-Fi access point has been asked for computer labs but no detail specifications available. we request you to provide connectivity architecture, as no router switches has been asked in RFP. | It is the responsibility of the vendor to ensure that connectivity of nodes to internet is good and consistent. The vendors shall propose solution. Structured cabling is preferred. |
| 16 | Oxygen Animation Studio, GurujiWorld, Inspira, SV Engineering | clause 3.6.1 (II) Page No.38 | Smart Class with Video Recording and Artificial Intelligence Analytics: | 1. Are all classroom in each school smart classrooms. We request you to provide exact number of smart classroom required per school?2.No compute devices has been asked in smart classroom, please add a computing devices as the digital e-Learning platform would be required to disseminate interactive learning. | Tender condition prevails. Bidder to propose solution |
| 17 | Oxygen Animation Studio, GurujiWorld, Inspira, SV Engineering | section-4, Page no 82 | | Please make it mandatory for Computing Device, TV and other hardware OEM to have own service center in Pune/PCMC for better service and compliance with onsite warranty. | Its is bidder's responsibility to ensure SLA compliance. |

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|-----|--|------------------------------|--|---|--|
| 18 | Oxygen Animation Studio, GurujWorld, Inspira, SV Engineering | General | | Who will be providing Internet link and what will be Bandwidth required. Please confirm if every class in each school require wired/wireless internet connectivity. If wired then switches needs to be considered for each class along with detailed technical specification. If wireless then please confirm how many access points to be considered per school based on wifi coverage | Sufficient Internet would be provided up to the schools by PCMC/PCSCCL. Bidder to suggest solution. PoE switch to be provided by vendor. Networking connectivity has to be part of bidders solution. Structured cabling is preferred. |
| 19 | Oxygen Animation Studio, GurujWorld, Inspira, SV Engineering | General | | No server and storage devices has been asked, we assume that computer device will have all learning applications stored | For AI server specifications, pls check corrigendum. Vendor shall have to procure the same at its cost. For Online MIS dashboard, PCMC/ PCSCCL shall procure based on the server sizing provided. The installation and operationalization shall have to be undertaken by the vendor. |
| 20 | Oxygen Animation Studio, GurujWorld, Inspira, SV Engineering | General | | No structured cabling specification has been mentioned for computer lab , we assume that desktops in computer LAB are WIFI enabled and there will be no structured cabling requirement in this scenario please remove Networking from Computer lab. | Sufficient Internet would be provided up to the schools by PCMC/PCSCCL. Bidder to suggest solution. PoE switch to be provided by vendor. Networking connectivity has to be part of bidders solution. Structured cabling is preferred. |
| 21 | Oxygen Animation Studio, GurujWorld, Inspira, SV Engineering | General | No existing Clause | Please provide the following details of Schools for us to work on the project more accurately: 1. Physical Classrooms Per school building. 2. Total Levels in a school building i.e. is it a Ground or Ground + 1 or Ground + 2. 3. Which Level will the Computer Lab be located? 4. Do we have to identify the physical room for Computer Lab or it will be identified by PCMC? 5. Are the blackboards in the School Classroom fixed or movable? Since, TV will be wall mounted in the center of the classroom and blackboard needs to be shifted. 6. Are all Classrooms with lock and key? 7. Current state and location of Electricity connections and metering. 8. Power cuts dates and time in schools. 9. Has a detailed school survey been conducted by PCMC? | 1. Pls see information provided 2. Pls see information provided 3. Pls see information provided 4. Pls see information provided 5. Movable 6. Will be provided by PCMC 7. Pls see information provided 8. Pls see information provided 9. Bidder shall do the survey at his own cost for estimation. |
| 22 | Oxygen Animation Studio, GurujWorld, Inspira, SV Engineering | 3.7.2 (A) Page no 44 | 3.7 Technical Specifications 3.7.2 Functional and Technical Specifications A) Computing Device Specification | Please refer the page 7 of pre bid query doc . | Query not clear |
| 23 | GurujWorld, Inspira, SV Engineering | clause 3.6.1 (II) Page No.38 | Smart Class with Video Recording and Artificial Intelligence Analytics: | Are all classroom in each school smart classrooms. We request you to provide exact number of smart classroom required per school? | Yes, all classrooms to be converted to smart classrooms. Pls see information provided |
| 24 | GurujWorld, Inspira, SV Engineering | clause 3.6.1 (II) Page No.38 | Smart Class with Video Recording and Artificial Intelligence Analytics | No compute devices has been asked in smart classroom, please add a computing devices as the digital e-Learning platform would be required to disseminate interactive learning. | Bidder to propose solution. |
| 25 | Global Education and Technology Solutions | 2.6 General | | Subcontracting is not allowed for this RFP, except for any civil, STEM Lab & BALA works. Subcontracting should be allowed in all segments of the activity – like setting up of the Lab, Installation of Hardware and Software. This will leave some scope for smaller companies in getting involved in this big project. | Tender condition prevails |
| 26 | Global Education and Technology Solutions | 2.13 Page No 20 | | Marathi language shall be made mandatory for entire project activity | E-content needs to be provided in all 4 languages mentioned. However, for Hindi and Urdu the vendor is allowed to tie-up/ sub-contract for e-content. |
| 27 | Global Education and Technology Solutions | 3.1.3 Page No 25 | The lead bidder should have an average Annual turnover of not less than Rs. 20 Cr for the last three financial years (as of 31-03-2018) | This criteria should be reduced to enable smaller companies. | Tender condition prevails |
| 28 | Global Education and Technology Solutions | General | No existing Clause | What will be the duration of the project | The duration of the project is 3 years from the go-live o fthe last school post the pilot project in 13 schools. |
| 29 | Global Education and Technology Solutions | General | No existing Clause | There is no mention of collection and analysis of students attendance based on AI based Camera. Clarity may be given on the same. | Currently, the biometric devices are being used to mark the attendance. In addition to this, the vendor shall demonstrate 2 out of the 7 use cases mentioned. It is up to the vendor to demonstrate innovation. |
| 30 | Global Education and Technology Solutions | General | No existing Clause | English Language software has been included but English Language Laboratory features are not mention in the specifications. They may be included. | The vendor shall propose the solution for english language training/ education. |
| 31 | Global Education and Technology Solutions | General | No existing Clause | Clarity on timeline for various activities and the duration of the project activity is required. | Project schedule is mentioned in the tender documents. |
| 32 | TCIL ltd | 3.1.9 Page no 26 | The lead bidder must possess valid certifications on ISO 9001:2015/ISO 20000-1:2011/CMMI 3 Marks would be awarded as follows: • ISO 9001:2015 = 1 mark • ISO 20000-1:2011 = 3 marks • CMMI 3 = 5 marks | Request you to delete this clause and adjust technical score in relevant work experience or lab content requirement as CMMI Certification is more relevant for organizations involved in software development rather than the ones responsible for System Integration works. | Tender condition prevails |
| 33 | HITACHI | General | | 1.Evaluation should be on the basis of QCBS 80:20 criteria and not only the L1 Rates 2.Need more clarity on the Specification of AI / Artificial Intelligence part of the requirement 3.Suggest to add Virtual Labs (VR) LAB in RFP | Tender condition prevails |
| 34 | ZEE Learn Ltd | 3.1.9 Page no 26 | The lead bidder must possess valid certifications on ISO 9001:2015/ISO 20000-1:2011/CMMI 3 | Please remove CMMI 3 certification. As it is only provided to software development companies. The objective of this project will be to enhance the learning experience of the not so privileged children of municipal schools. This clause will restrict big and experienced educational organization like us to participate and contribute | Tender condition prevails |
| 35 | ZEE Learn Ltd | 3.3.1 Page No 28 | Marks would be awarded as follows: • Rs. 20 Cr to Rs 80 Cr = 2 marks • Rs. 81 Cr to Rs 320 Cr = 4 marks • > Rs 320 Cr = 10 marks | As the project value is not more than 50 Cr. The upper limit of the annual turnover should not be more than 100 Cr. | Tender condition prevails |
| 36 | ZEE Learn Ltd | 3.3.2 Page No 28 | Marks would be awarded as follows: • 5 years = 1 mark • 5 years to 10 years = 3 marks • > 10 years = 5 marks | To encourage the start-ups in the recent years which have being providing impressive innovative solutions to educational sector, we suggest the below marking scheme : • 5 years = 1 mark • 5 years to 7 years = 3 marks • > 7 years = 5 marks To encourage the start-ups which have been providing impressive innovative solutions in education. | Tender condition prevails |
| 37 | ZEE Learn Ltd | 3.7.1.8 Page No 43 | 2 Robotics Kits - Programmable kits with 10" tablets & Mechanical Kit 5 Integrated Robotics Kit | The technical specifications mentioned in ref. section 'O' page no. 64 doesn't match the bill of materials mentioned on page 43. Value on both pages are not matching. | Specifications in Section "O" stands valid. Quantities in Bill of Material stands valid |
| 38 | ZEE Learn Ltd | 3.7.2 (P) Page No 69 | The environment of the school can be improved and made print-rich by BALA (Building as Learning Aid) paintings, installations, boards in the classrooms and the corridors which illustrate concepts from the curriculum and provide a vibrant learning environment in the school | List of 6 schools where pilot is to be conducted is shared in RFP. In order to get more details for better costing, we request the list of remaining 117 schools | The bidder may collect the list of 117 schools from School Department. |
| 39 | ZEE Learn Ltd | 3.6.1 (X) Page No. 40 | Online MIS dashboard Application will be hosted on the PCMC datacenter, however until the hosting complete, the successful bidder is expected to host the same MIS portal at its premise | We request to have this clause changed to also allow Cloud Based Solution to ensure real-time monitoring of the data and avoid any downtime. Cloud Based Solutions are better as they are easily scalable and easier to manage than Datacenter based solutions. | Kindly refer the modified RFP document. |
| 40 | ZEE Learn Ltd | 3.6.1 (X) Page No. 40 | Please note that, this Online MIS dashboard should be able to collect all required essential data as a live feed from the distant online hardware availability, i.e. idle time, usage time, internet speed etc | Internet speed can not be collected in case of Broadband and Dongle. It is only possible in case of Lease Line. Please change this clause to remove the requirement for collecting internet speed data. | Internet would be provided by schools. The selected bidder to assist department in procurement of the same. The data collected from the internet provided needs to be captured in MIS. |
| 41 | ZEE Learn Ltd | 3.7.2 (D, E) Page no. 46 | Furniture- Tables for Computer Lab Table suitable for students from class I to X 600mm x 450mm x 725mm with Sunmica Top 3 years warranty i.e replacement of parts | Replacement of parts for furniture items might not be possible. Please clarify how is replacement of parts applicable for furniture items. | It is bidders responsibility to ensure that furniture items are in functional state. The bidder's scope also comprises the replacement of furniture, if required. No variation will be entertained for these costs. The same needs to be estimated and incorporated in the commercial bid of the bidder. |

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|-----|--------------------|-----------------------------|-------------------------------------|---|---|
| 42 | CRYSALIS WORLD | 3.7.2 (K, L) Page No. 55,56 | | <p>AI in Education is still at a nascent stage globally and so far we have not had successful project implementation record in India</p> <ul style="list-style-type: none"> · AI demands not just capturing data but Data science capabilities to analyse, interpret and derive insights · Globally, AI pilots are done in controlled environment wherein <ul style="list-style-type: none"> o The sample size is very small o Teachers' capabilities are very high o There is a dedicated team to do data analytics · AI is predominantly used in online learning and not in classroom setting · AI demands the full cycle of Insights to action to fee-back cycle which is too early to launch and even test in PCMC Municipal schools <p>Also According to UN, children below 14 years of age should not be monitored by CCTV without the consent of the parents</p> <p>There is no pedagogy value for such technology</p> <p>And there is no direct linkage of this to enhance teacher productivity and learning outcomes</p> <p>Hence we recommend that AI be removed from the requirement.</p> | Tender condition prevails |
| 43 | CRYSALIS WORLD | 3.7.2 (J) Page no.55 | | <p>While we are investing on a SMART TV, the only way that the teacher can play content in TV is through Pen drive. This can cause lot of issues. Pen Drive safety. Pen drive can also get corrupted. Also, this can play only Audio and Video content. However there are lot of new technologies that can do much more than this. Many progressive countries have moved away from the smart technology to a more simple Camera based projection technology. Which is much more intuitive and easy for teachers to use</p> <ul style="list-style-type: none"> • Help teachers use black/white board effectively • Auto suggest digital resources mapped to a topic • Enable teachers to demo any physical manipulative (One to all) • Showcase Student projects and responses instantly • Use 3rd party Android apps like Google maps, Google drive etc. • Conduct Spot quizzes and track results <p>4) Allow teachers to record videos and capture pictures easily 5) Use inbuilt mic to amplify teacher voice in class 6) Allow teachers to scan the QR codes placed in any get. textbooks 7) And any other tools that deem effective in teaching-learning context</p> <p>8) Allow teachers to play any format content through USB plug in 9) Should enable Internet connectivity either through In built SIM cards / Ethernet / Wifi 10) Basic Functions should work even in case of power failure</p> <p>The device should be a simple plug and play device with minimal or no learning curve for teacher. It should be intuitive to use and Ergonomically designed. It should provide analytics and reports to track usage and efficiency. Instead of investing on AI camera, AR based camera can be installed which can be used by the teacher in class to improve the learning outcome</p> <p>Hence we recommend that the following pedagogy recommendation in ICT</p> <ul style="list-style-type: none"> · Curriculum integrated with 21st Century Skills · Enabling students to move from mere IT skills to IT capabilities · Students should be exposed to internationally accepted 9 Technology areas · Formative assessment opportunities for Teachers · Cross curricular approach · Nurturing the students on critical, creative, societal and self-reflection thinking capabilities · Pre-designed projects to reinforce specific IT capabilities of students · Pre-designed project templates for students to work on specific competence areas · Providing e-learning modules for students · Providing audio – visuals for teachers to explain concepts better <p>And we recommend the inclusion of following modules:</p> <ol style="list-style-type: none"> 1. Personal Safety 2. Privacy and Security 3. Relationship and Communication 4. Cyber bullying 5. Self Image and Identity 6. Information Literacy 7. Copyright and Credit 8. Nurturing a programmers mind before actual programming 9. Image editing mapped directly to vocational opportunities. | Kindly refer the modified RFP document. |
| 44 | CRYSALIS WORLD | 3.7.2 (I) Page No 49 to 54 | | <p>The lessons recommended are based on Microsoft office suit. This would mean that we invest additionally on the License for Software. many ICT curriculum have moved to adopt open source software's which do the same functionality. So why invest on Microsoft office when the same can be done in open office? Also, the lessons are not touching upon some important issues revolving around use of technology, like ill effects of social media, Piracy, Digital footprints, etc.</p> | The use of MS Word, Excel, Powerpoint may be also be taught through open source softwares available. |
| 45 | CRYSALIS WORLD | 3.7.2 Page No 72 | | <p>We do recommend teachers to be placed by the vendors for the following reasons:</p> <ol style="list-style-type: none"> 1. There could be a cultural disparity that can emerge between teachers and expert facilitators, which in turn can hamper the quality of the initiative 2. The quality of expert facilitators may not be better than the existing teachers and hence there is no positive influence 3. Merely placing 3 teachers may not enhance the quality of education in the overall school 4. There are past recorded evidences from other states of vendor appointed teachers being a complete failure | Tender condition prevails |
| 46 | CRYSALIS WORLD | 3.7.2 (P) Page No 69, 70 | | <p>Many concepts are aligned to Math with only a few mapping to other subjects. Also the ambience can not just focus on concepts but they can also enable an emotionally safe learning environment.</p> <p>It is recommended to have a combination of oil painting and high quality stickers for the following reasons: Flexibility of doing it in multiple locations and surfaces</p> <ul style="list-style-type: none"> - Ease of replacement - Ease of functional additions over the years - Bringing in dynamic aspects in the ambience instead of sticking to just the suggested concepts <p>Hence we recommend the following elements too:</p> <ol style="list-style-type: none"> 31. Classroom Management (Traffic Signal & Voice Meter) 32. Collaborative Learning (Co-Operative Learning Boar) 33. Self Regulation (Mood Meter) | Minimum specification has been provided in the tender, bidder is free to propose any additional solution. |
| 47 | CRYSALIS WORLD | 3.3 Page No. 29 | Experience in Education | <ol style="list-style-type: none"> 1. from >960 change to >1000 schools 2. at least 2 interventions in any gvt school in last 5 years - Change '5=5 marks' to >4 interventions 5 marks 3. 5 as max marks for above mentioned criteria | Tender condition prevails |
| 48 | CRYSALIS WORLD | 3.3 Page No. 30 | Stem or robotics lab experience | <p>Increase the criteria to</p> <ul style="list-style-type: none"> 5 Labs = 2 marks 10 labs = 4 marks and 20 Labs = 5 marks 5 as maximum marks | Tender condition prevails |
| 49 | CRYSALIS WORLD | | Capacity building of teachers | <ul style="list-style-type: none"> 1000 to 2000 teachers = 2 marks 2000 to 5000 teachers = 3 marks 5000 to 10000 = 5 marks >10000 teacher = 10 marks 10 as max marks | Tender condition prevails |
| 50 | Vision India | 1.1 Page No (10&11) | Tender Fee 27,500/- (Including GST) | <p>what is exact tender fee Tender Fee mentioned on page No 4, 10 & 11 is not matching. We request you to clarify the same.</p> | Tender Fee Rs. 28,000/- (Including GST) |

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|-----|---|----------------------|---|---|--|
| 51 | Vision India | 3.3 Page No 28 | Technical Evaluation Marking 1. Financial Turnover Marks would be awarded as follows: • Rs. 20 Cr to Rs 80 Cr = 2 marks • Rs. 81 Cr to Rs 320 Cr = 4 marks • > Rs 320 Cr = 10 marks | We request you to simplify the marking scheme, please see suggestions here below; • Rs. 20 Cr to Rs 30 Cr = 5 marks • Rs. 30+ Cr = 10 marks Considering the EMD, the project seems to be of value 22 CR to 25 CR than why PCMC is expecting so much turnover from Bidder? If the logic behind the same is to allocate the work to financially strong bidder than why a slab of 80 CR why not 100 CR? | Tender condition prevails |
| 52 | Vision India | 3.3 (3) Page No 29 | The lead bidder or the consortium partner (any member of the consortium) should have experience in at least 2 of the below mentioned interventions in any Government schools in last 5 years; | The lead bidder/ OEM of the vendor or the consortium partner (any member of the consortium) should have experience in at least 2 of the below mentioned interventions in any Government schools in last 5 years; We request to consider OEM Qualification in the mention field as there may be a cases where Bidder or its partner may not have any one of the mentioned interventions. | Tender condition prevails |
| 53 | Vision India | 3.3 (4) Page No 29 | English lab experiment | The lead bidder or the consortium partner (any member of the consortium) should have experience in implementation of English labs. We request to consider OEM Qualification in the mention field as there may be a cases where Bidder or its partner may not have any one of the mentioned interventions. | Tender condition prevails |
| 54 | Vision India | 3.3 (7) Page No 31 | Marks would be awarded as follows: • ISO 9001:2015 = 1 mark • ISO 20000-1:2011 = 3 marks • CMMI 3 = 5 marks | The certification standards cannot be compared as they have their own set standards and parameters and they cannot be leveled. This is possible only in CMMI Category. We request you to give equal marks of any of the 3 certificate. | Tender condition prevails |
| 55 | Edique solution pvt ltd | 2.5 Page No 18 | A Consortium of up to three (3) partners is permissible i.e. lead bidder and two (2) additional partner. | More partners may lead to participation of the organizations with bits and pieces of experience and none of them having expertise in education technology. Therefore it should be limited to a lead bidder and 1 consortium partner only. Therefore request to change the clause to following "A Consortium of up to two (2) partners is permissible i.e. lead bidder and one (1) additional partner" | Tender condition prevails |
| 56 | Edique solution pvt ltd | 3.1 (9) Page No 27 | Pre-Qualification & Technical Qualification Criteria | The lead bidder must possess valid certifications on ISO 9001:2015/ISO 20000-1:2011/CMMI 3 Certifications like ISO 20000-1:2011 and CMMI 3 are relevant to Information technology -- Service management & process improvement for software development companies respectively. As this is primarily an education project, where no software development is involved such certifications are not required for the tender. These certifications should also be removed from Technical qualifications marking. | Tender condition prevails |
| 57 | Edique solution pvt ltd | 3.3. Page no 28 | Marks would be awarded as follows: • Rs. 20 Cr to Rs 80 Cr = 2 marks • Rs. 81 Cr to Rs 320 Cr = 4 marks • > Rs 320 Cr = 10 marks | Since this project is of the value of around 50 Cr., upper limit for 10 marks should not be more than 150 Cr. (three times the value of project). We recommend below marking : Rs. 20 Cr to Rs 75 Cr = 2 marks • Rs. 75 Cr to Rs 150 Cr = 4 marks • > Rs 150 Cr = 10 marks Please clarify if the work orders for executed/executing projects in government schools by CSR or any other Initiatives will be considered. | CSR projects can be considered in case the bidder is clearly able to show valid documentation from competent authority to satisfy the prequalification and technical qualification criteria. |
| 58 | Edique solution pvt ltd | | | As the number of schools in this project are only 123, upper limit of 960 schools is too large and inappropriate. | Tender condition prevails |
| 59 | Edique solution pvt ltd | 3.3.6 Page no 30 | Technical Evaluation Marking The lead bidder or the consortium partner (any member of the consortium) should have 20 professionals | As Consortium of upto 3 partners is allowed, will Collective numbers be considered for marking in case of consortium? | No |
| 60 | Edique solution pvt ltd | 3.6.1 Page No 36 | VIII -Deployment of expert facilitators: The expert facilitators will be provided for one year. Based on the satisfactory capacity building and performance of the teachers, the expert facilitators may be reduced. | Since the project is for 3 years , we would request the department to provide detailed requirement. Subjective requirement which implies "may or may not be" will impact the financials of the project. We suggest that rates for per teacher per year should be asked in the BOQ format. This will help the department to define actual charges per teacher and calculate further. | As per BOM mentioned in 3.7.1 |
| 61 | Edique solution pvt ltd | 3.6.1 Page No 36 | VIII -Deployment of expert facilitators: The expert facilitators will be provided for one year. Based on the satisfactory capacity building and performance of the teachers, the expert facilitators may be reduced. | Job Description and minimum salary to be paid to the expert facilitator should be provided for the project. This will help the department to standardize the salary and avoid under payment to the teachers which will ensure good quality | Tender condition prevails |
| 62 | Edique solution pvt ltd | 3.6.1.4 Page no 37 | Scope of work-In order to foster inventiveness among students, STEM can conduct different activities ranging from regional and national level competitions, exhibitions, workshops on problem solving, designing and fabrication of products, lecture series etc. at periodic intervals. The scope for the STEM lab has to be as per the outline at Section N | Please clarify what is to be understood by National Level Competitions to be conducted for municipal schools by STEM . | The project aims to improve the overall quality of the education system in the schools, the bidder should be able to bring the students upto the level of participating in competitions, for which the bidder to conduct STEM activities in such manner. |
| 63 | Edique solution pvt ltd | 3.7.2 Page No 44 | Functional and Technical Specifications - A) Computing Device Specification PROCESSOR Quad Core | Since Quad Core processor might be a very light size processor and may not work as a durable tech product for the longer duration, request the department to opt for minimum i3 processor and full fledged PC for computer lab and smart class. Specifications minimum required should be i3/4GB/500GB | Tender condition prevails |
| 64 | Edique solution pvt ltd | 3.9 Page No 77 | Payment and Delivery Milestones Commissioning & Sign Off - T+6 weeks | Since multiple interventions are involved along with Civil Work, In addition to which, multiple OEMs and sub contractors are involved. Hence, we request to increase the implementation period to 12 weeks to ensure smooth delivery and implementation. | Tender condition prevails |
| 65 | Edique solution pvt ltd | 3.9 Page No 77 | Payment and Delivery Milestones Success Fee | At this time of bidding the tender, it is not possible for bidders to do baseline survey in order to be able to plan as per success fee requirements. This makes 5% of the project fee as highly improbable for calculation in the financials. Therefore we request for removal of this point. | Tender condition prevails |
| 66 | Edique solution pvt ltd | 3.7.2 (Q) Page no 70 | Capacity building of Teachers and Head Masters | Please provide a clear training schedule . Tender mentions 5 day training for all teachers. It also mentions 1 day leadership training to all the headmasters/principals and minimum one day Induction training to all key stakeholders at corporation . Please clarify who all are key stakeholders and how many training days for every stakeholder is required. Mentioned requirements for training in tender do not add up to 5 days. | The bidder needs to propose on the training schedule. Stakeholdres will include Principals, teachers, school department personnel involved in monitoring the operations of the school. 5 day training is only for teachers. All other trainings are over and above the 5 days. |
| 67 | Edique solution pvt ltd | 3.7.2 (Q) Page no 70 | Capacity building of Teachers and Head Masters - Teacher Capacity Building shall be conducted in two sessions of 5 days each in two terms for all the teachers and will be supported by online sessions and handholding. | Please provide clarity on training venue for 5 day training. Also who takes care of the logistics for conducting the training e.g. - refreshments, stationary. | Venue will be provided by PCMC. Training material to be provided by vendor. |
| 68 | Edique solution pvt ltd | 3.10 Page No 80 | Service level requirement a. Non-working of software, server, projector. – 1 Working Day b. Non-working of UPS, laptop, robotics kits. – 2 Working Days | Since multiple interventions are involved along with Civil Work, In addition to which, multiple OEMs and service providers are involved. Hence, we request to increase the SLA period to 3 and 4 working days | Tender condition prevails |
| 69 | Edique solution pvt ltd | 3.7.2 (D) Page no 48 | Replacement of parts Furniture- Tables for Computer Lab | Replacement of parts for furniture items might not be possible. Please clarify how is replacement of parts applicable for furniture items | It is bidders responsibility to ensure that furniture items are in functional state. The bidder's scope also comprises the replacement of furniture, if required. No variation will be entertained for these costs. The same needs to be estimated and incorporated in the commercial bid of the bidder. |
| 70 | IL&FS Education & Technology Services Limited | 2.5 Page No 18 | The bidder for participation may be a single entity or a group of entities (consortium). A Consortium of up to three (3) partners is permissible i.e. lead bidder and two (2) additional partner. From here on, the term bidder will apply to both the single entity and consortium of entities. | We request to the department to kindly provide draft template for terms and conditions of agreement between consortium partners. This would help to allow hassles in implementation stages. <input type="checkbox"/> Further we would also request to the department to kindly reduce the number of partners in consortium from 3 partners to maximum 2 partners. | The bidder to use their own template covering the detailed scope of work of each consortium partner. |
| 71 | IL&FS Education & Technology Services Limited | 2.8 Page no 19 | Subcontracting is not allowed for this RFP, except for any civil, STEM Lab & BALA works. However, the responsibility would be with the prime bidder. 1. The STEM Lab vendor selected by the prime bidder must have experience of implementing minimum 150+ similar lab in India. 2. The BALA works vendor selected by the prime bidder must have experience of doing 20 schools in India. | • We request to the department to kindly confirm if subcontracting of said activities are possible in case of consortium. • We would request to kindly clarify, if any certain years of experience for STEM lab and BALA works vendors are also required. | Subcontracting is allowed in case of consortium. No of years of experience is not required however experience of implementing the STEM and BALA is required |
| 72 | IL&FS Education & Technology Services Limited | 3.1.3 Page No 25 | The lead bidder should have an average Annual turnover of not less than Rs. 20 Cr for the last three financial years (as of 31-03-2018). Documents to be submitted Certificate from the statutory auditor on his letter head confirming annual turnover for each of the last 3 years, net profit and average annual turnover over the past three financial years | Considering scope of work and quantum of project value, we request to the department to kindly increase criteria of average annual turnover from 20 Cr to at least 50 Crs. <input type="checkbox"/> We would also request to department to kindly define average annual turnover for consortium partners also. <input type="checkbox"/> Since the past experience of bidders is being considered for minimum 5 years, we request to the department to kindly consider financial credential of bidders for at least years <input type="checkbox"/> We request to the department to kindly consider certificates from Chartered Accountant along with copy of audited balance sheet. | Tender condition prevails |

| S.N | Prospective Bidder | RFP Reference | Existing RFP Clause | Bidder's query | Clarification |
|-----|---|-------------------------|---|--|--|
| 73 | IL&FS Education & Technology Services Limited | 3.1.4 Page No 25 | The lead bidder should be profitable and have positive Net Worth as on 31-03-2018 Documents to be submitted - Certificate from the statutory auditor on his letter head confirming net worth as on 31-03-2018 | To ensure financial stability, we request to the department to define minimum net worth of bidder <input type="checkbox"/> We would also request to the department to kindly consider profitability of bidder for at least five year. <input type="checkbox"/> We request to the department to kindly consider certificates from Chartered Accountant along with copy of audited balance sheet. | Tender condition prevails |
| 74 | IL&FS Education & Technology Services Limited | 3.1.8 Page no 26 | The lead bidder or the consortium partner should have 20 professionals (teacher training, mentoring, instructional design, developing multi-media content, technology) on its rolls | Considering wide scope of work of project like professionals with different skill sets would be required, we request to the department to kindly define minimum number of professionals for each task like teacher training and mentoring, developing multimedia content, Technology, etc. <input type="checkbox"/> We would also request to the department to kindly define minimum qualification and experience for each of these positions. | Minimum project requirement has been specified in the tender, bidder is free to propose any additional solution |
| 75 | BSNL | clause 1 point 2 | Tender Fee 27,500/- (Including GST)or 28000 | what is tender amount Fee 27500/-or 28000 | INR 28,000/- (including GST) |
| 76 | IL&FS Education & Technology Services Limited | 3.1.9 Page no 26 | The lead bidder must possess valid certifications on ISO 9001:2015/ISO 20000-1:2011/CMMI 3 | ISO/IEC 20000-1:2011 is a service management system (SMS) standard, and ISO/IEC 27001:2013 specifies the requirements for establishing, implementing, maintaining and continually improving an information security management system (ISMS), Further This project related to IT/CT activities, we request to kindly consider ISO 27001 instead of 20000. <input type="checkbox"/> Further CMMI3 certificates is for organization involved in software development, we request to the department to kindly remove this clause. | Tender condition prevails |
| 77 | IL&FS Education & Technology Services Limited | 3.1.11 Page No 27 | The lead bidder and consortium partner/s should not have been blacklisted by any of the State/Central Government or organizations of the State/Central Government in India in the past three years | To ensure credibility of bidder and consortium partner we request to the department to kindly amend this clause as "The lead bidder and consortium partner/s should never have been blacklisted by any of the State/Central Government or organizations of the State/Central Government in India." | Tender condition prevails |
| 78 | IL&FS Education & Technology Services Limited | 3.3.5 Page No 30 | STEM or Robotics Labs Experience. | Since STEM lab can be subcontracted, we request to the department to kindly remove this parameter from evaluation criteria. | Tender condition prevails |
| 79 | IL&FS Education & Technology Services Limited | 3.3.6 Page no 30,31 | The lead bidder or the consortium partner (any member of the consortium) should have 20 professionals (teacher training, mentoring, instructional design, developing multi-media content, technology) on its roll | We request to department distribute marking system for manpower based on number manpower with certain experience and qualification not only on employee on company's pay roll | Tender condition prevails |
| 80 | IL&FS Education & Technology Services Limited | 3.3.8 Page 31 | The lead bidder must possess valid certifications on ISO 9001:2015/ISO 20000-1:2011/CMMI 3 Marks would be awarded as follows: <ul style="list-style-type: none"> • ISO 9001:2015 = 1 mark • ISO 20000-1:2011 = 3 marks • CMMI 3 = 5 marks | We request to the department kindly consider ISO 27001 instead of ISO 20000 and remove CMMI3 Certificate as it is for software development company. However CMMI 3 level certificate can be made compulsory from OEM for certain part of BOM | Tender condition prevails |
| 81 | IL&FS Education & Technology Services Limited | 3.7.1 Page 42 | Bill material for Computer lab Computing Device | 1.The technical specification has an Operating System Windows which is limited to single OEM and has limited functionalities compared to other OS providers in the industry. | Tender condition prevails |
| 82 | IL&FS Education & Technology Services Limited | 3.3.4 Page No 32 | English lab Experience - The lead bidder or the consortium partner (any member of the consortium) should have experience in implementation of English labs. Marks would be awarded as follows: <ul style="list-style-type: none"> • Content characteristics (of randomly sampled content during evaluation stage) <input type="checkbox"/> Video annotations = 1 mark <input type="checkbox"/> Video Resolution = 1 mark.. | Evaluation criteria and distribution of marks for English lab mentioned in tender is very subjective as it is based on quality random sampling, we request to the department to kindly explain this marking. <input type="checkbox"/> We would also request to department kindly evaluate English lab on basis of presentation/demonstration of system. As past experience of language lab may differ with different client | Tender condition prevails |
| 83 | BSNL | 3.1 (9) Page No 27 | The lead bidder must possess valid certifications on ISO 9001:2015/ISO 20000-1:2011/CMMI 3 | Request to update the clause. The lead bidder or consortium partner must possess valid certifications on ISO 9001:2015/ISO 20000-1:2011 or CMMI 3 Justification: Consortium partner's role is equally significant in execution of project. Consortium partner offers its expertise and experience in the project as per SLA hence request to consider the consortium partner's certification in this regard. | Tender condition prevails |
| 84 | BSNL | 3.3 Page No 29 | The lead bidder or the consortium partner (any member of the consortium) should have executed / executing projects involving provisioning of IT hardware or educational e-learning software, Online MIS Dashboard with educational services like teacher training, multimedia content at-least 60 Government schools in last 5 years Marks would be awarded as follows: <ul style="list-style-type: none"> • 60 to 240 schools = 1 mark • 240 to 960 schools = 3 marks • > 960 schools = 5 marks | Request to update the clause by 100 to 149 Schools=1 Marks 150 to 300 Schools = 2 Marks 300 & Above Schools=5 Marks Justification: PCMC's project is proposed for 123 schools, setting up highest benchmark of 960 schools higher than required. CVC Guidelines suggests to ask/to set-up maximum benchmark of 80% of proposed volume in single project. Hence100 schools are ideal number to demand. (Guidelines are attached). Marking criteria would start from the requirement and above. | Tender condition prevails |
| 85 | BSNL | 1 (2) Page No 10, 11 | Tender Fee 27,500/- (Including GST)or 28000 | what is tender amount Fee 27500/-or 28000 | Tender Fee Rs. 28,000/- (Including GST) |
| 86 | BSNL | 2.5 Page No 18 | A Consortium of up to three (3) partners is permissible | Request to limit up to two members. Smart School establishment may be done by maximum two consortium members. Other Smart City's for Smart Classroom Project has followed the same. Example: Bhopal – Sagar – Satna, Jabalpur, Aagra, Gwalior, Kochi, Kanpur, Dharmashala, Dahod, Gandhinagar, Raourkela, Tumkur and even PMC. | Tender condition prevails |
| 87 | BSNL | 3.7.1.4 Page No 36 & 43 | Compact Simple Digital Display Unit along with Computing Device will be placed in every grade | Bill of Material and specification doesn't mention any details about the expected configuration of the Computing Device for Classroom | Bidder is free to propose the computing device |
| 88 | BSNL | 3.6.1.(II) Page No 36 | Effective Utilisation of Smartboard / Black/White Board | Smartboard for Classrooms are not mentioned in the Classroom BoM | Tender condition prevails |
| 89 | BSNL | 3.7.2.(M) Page no 57 | Teacher should be able to add extra content in form of PPT, Video, or Word File | Provided Computing Device Space is not enough and require to upgrade. | Minimum specifications have been mentioned. Bidder shall propose as per its solution. |
| 90 | BSNL | | Internet Connectivity for Each Classroom & LAB | Internet connectivity is mentioned many times in document but liability for connectivity is not mentioned. Who will provide connectivity in each school? & How much bandwidth will be provisioned? | Internet would be provided by PCMC to the schools. Sufficient bandwidth will be provided based on the solution proposed. The PoE switch and internal networking needs to be provided by the vendor. |
| 91 | BSNL | 3.7.1 Page no 42 | Wi-Fi access point | Need specification | Bidder to design solution. PCMC will ensure internet connectivity upto school level. The networking within the school and PoE switch is responsibility of the bidder. |
| 92 | BSNL | 3.7.2 (J) Page no 55 | Smart Digital Classroom Equipment's LED TV | Interactivity in Digital Smart Classroom is specified in scope but specification of LED TV is not of interactive TV. Either smart board would offer the interactivity or Interactivity in TV is expected for this feature. | Bidder to propose solution |
| 93 | BSNL | 3.7.2 (A) Page no 46 | Computing device: Storage: 32 GB internal with 64 GB on Class 10 SD Card. | Mentioned storage is not sufficient for all desired software and essential software too. Needs to upgrade. | Minimum specifications have been mentioned. Bidder may provide as per solution. |
| 94 | BSNL | 3.7.2 (Q) Page no 70 | Teachers to be trained so that they are able to use the STEM lab infrastructure for day to day teaching. An academic support program (activity sheet) to be provided to teach STEM in most interesting way | Kindly mention the number of trainers with desired qualification and include the same in BOM precise/comparable quote | As mentioned in RFP |
| 95 | BSNL | 3.7.2 (R) Page no 74 | Deployment of expert facilitators | A dedicated manpower is required for the project execution. All Smart Cities came up with specific requirement of Project Manager, School Coordinators etc. for execution of project with assigned roles of maintenance, training etc. | Bidder is responsible to deliver project successfully. The minimum manpower required for facilitation and training is mentioned. Any additional manpower has to be proposed by the bidder. |
| 96 | BSNL | 3.7.2 (T) Page no 73 | The Dashboard System will help to monitor the computers, monthly health check | Kindly assign the responsibility of health record to be shared with IA. The sensitive information related with students health should not be published on dashboard/MIS unless it is authenticated by Doc/Health check up team. | Health checks are for computer and system. Not for students. |
| 97 | BSNL | 3.7.2 (T) Page no 78 | Reports to be Generated <ul style="list-style-type: none"> • RTE • Salary Group wise • Internet Speed | RTE: Kindly specify the expectation & where to link. Salary: Group-wise- Where to integrate & whether PCMC will provide this. Internet Speed: there is no arrangement to monitor the internet speed. Please add Network Management System(NMS) to monitor the Internet Speed properly then the reports generated would be integrated on Online MIS. Kindly add NMS with specification and include the same in BOM. The project's up time and downtime is dependent on Internet speed kindly include the same with assigning ownership. Is the Internet responsibility of lead bidder? If yes then kindly mention the type of Internet access, Speed of bandwidth and modify BOM accordingly. | Salary information will be provided by the School Department. Vendor shall coordinate with School department for the same. RTE has to be integrated with MIS portal. Internet connection upto school level will be provided by PCMC at sufficient bandwidth Internet speed monitoring is a requirement specified in RFP. Vendor has to propose the solution. |
| 98 | BSNL | 3.7.2 (S) Page no 73 | Bidder should provide Helpdesk | On-Site Helpdesk or Off-Site Helpdesk? | Onsite helpdesk shall be provided by the bidder. |
| 99 | BSNL | 3.9 (3) Page No 78 | Success Fee Quantitative: 1.5%And Qualitative: 3.5% | Request not to make the fees as conditional. | Tender condition prevails |

| S.N | Prospective Bidder | RFP Reference | Existing RFP Clause | Bidder's query | Clarification |
|-----|--------------------|---------------------------|--|--|--|
| | | | | Both Quantitative and Qualitative analysis of Success are the joint efforts by School Staff and IA, School Staff is the delivery medium of tech tools installed in schools hence they carry a major part of this responsibility however preparing the stakeholders is Implementing Agency's job to perform. It is not dependent solely on Implementing agency. The success of project and its outcome expectations depend on the medium/delivery channel of the project i.e. on Teaching staff not on the tools deployed. Tech tools complying with RFP would be delivered by Implementing agency but medium of delivery is PCMC's own network of teaching staff. We appreciate the vision of Authorities and we do commit to try our level best to receive desired outcome but it is beyond IA's purview for following reasons: 1. The entire teaching/non-teaching staff is not under control of IA it completely belongs to School Administration hence selected IA cannot force/compel the staff to utilize the services. IA can only motivate to use the novel system adopted by school but compulsory utilization is beyond IA's governance since administrative belongingness is exclusive with school authorities. 2. No. of staff suggested in RFP (One Project Manager for all schools) is not sufficient to rollout entire project as like existing thousand number of staff members. A positive approach towards the project from IA and a compulsory utilization from staff can be ensured by linking the same with their increment/promotion etc. but making IA responsible without power would not be justified. Referring to page no. 77 clause no 3.8 'The bidder will be responsible for timely completion of all the activities, deliverables mentioned in this RFP' The IA is responsible for timely delivery of deliverable (with training, maintenance of Hardware and software) as per specified timeline. The success/outcome is part of Schools role with IA's support. Hence we request not to make conditional with payment of IA | |
| 100 | BSNL | 3.6.1 (VIII) Page No 41 | Deployment of expert facilitators: The bidder would be providing at least 3 trained expert facilitators in Maths, English, and Science who can help school teachers in bridging the gaps in students' learning | Request to allow the subcontracting for the said deployment like BALA , STEM & ROBOTICS Lab The deployment is for 369 Subject experts (3 Teachers per school) The bidders don't own such huge manpower of teaching resources on their pay role. Hence the Deployment of required manpower in such big volume should be made on subcontracting basis to service providers for proper supply and management. | Tender clause remains unchanged. Teachers can be on contract with the vendor, but not sub-contracted to any firm. |
| 101 | BSNL | | The bidder shall ensure adequate manpower (at least 2 per 50 classrooms) is provided at school levels to support in raising the tickets, hardware issues, software issues and labs etc for the entire duration of the project | Please mention the total volume i.e. number of classroom and include the same requirement in BOM for precise/comparable quote | Approx 1325 classrooms dor 123 PCMC schools |
| 102 | BSNL | 3.6.1 (II) Page No 36 | In Every Grade | What is the Total Number of Classrooms Per School? How many classroom per grade | Approx 1325 classrooms for 123 PCMC schools |
| 103 | BSNL | 2.3 (4) Page No. 21 | EMD of successful bidder shall be returned within 60 days after award of contract | Request to return in 30 Days. Big amount gets blocked without interest for two months. It is of no use. Hence amount should be free in a months' time. Ensuring successful bid submission by EMD is ultimately gets over with Lol/agreement to successful bidder so holding EMD amount is not justified. Successful execution is ensured by PBG. It is a small formality by your office but affects the bidder in big sense. | As per RFP |
| 104 | BSNL | 2.6(b) Page No 22 | The BALA works vendor selected by the prime bidder must have experience of doing 20 schools in India. | Request to update the clause without specifying the number of schools or 10 schools implementation would be sufficient BALA Vendors are not very organised as they are a group of artists who keep changing there work with opportunity they get. Experience in implementing would serve the purpose of taking good venders Quality of art work would be judged by the bidders to offer best. | As per RFP |
| 105 | BSNL | 3.3. (11) Page No 35 | Equipment's with low carbon foot print, ease of use for teachers and functionality | Kindly specify the expectation with more details, the point need to be elaborated. Bidders will be proposing equipment as specified in the RFP. Proposing new/on our own is beyond the limitations hence to ensure the low carbon foot print equipment, rating (4 star and above) may be an option to be precise. | As per RFP |
| 106 | BSNL | 3.3. (11) Page No 35 | Artificial Intelligence (A.I) based Educational Analytics for classroom | Kindly specify the expectation with more details, The point need to be elaborated. Bidders will be proposing equipment as specified in the RFP. Proposing new/on our own is beyond the limitations hence to ensure the low carbon foot print equipment, rating (4 star and above) may be an option to be precise. | Please see corrigendum. |
| 107 | BSNL | 3.7.2 (E) Page No 52 | Furniture- Table Chairs for Computer Lab | Request to give specification of material used for manufacturing the chair for precise quote. Like plastic mould thickness, rating, warranty etc. Chairs would be sturdy, comfortable and skin friendly. Suggest a metallic one Table rod, gauge ensuring sturdiness of table as the furniture would be handled roughly by students. | As per RFP |
| 108 | BSNL | 3.6.1 (I) Page No 41 | The bidder has to undertake electrical wiring (of ISI marked & branded) for all electrical and IT equipment like Computing devices, networking, UPS etc. in the Computer Lab. Electrical wiring would also include Earthing arrangements | Will it be a separate electrical line for computer lab? In that case bidder can take responsibility of earthing of electric wiring. Earthing of entire electric wiring of the school would be out of scope if electrical network is common. | For Earthing, please see corrigendum. Rest, as per RFP |
| 109 | BSNL | 3.6.1 (VIII) Page No 44 | Deployment of expert facilitators i. The bidder would be providing at least 3 trained expert facilitators in Maths, English, and Science ii. expert facilitators may be reduced. However minimum one expert facilitator per school has to be provided in the subsequent years | i) Maths, English Science are mentioned not about other subjects? Please include the same in BOM also ii) Reducing how many numbers should be mentioned for proper quote. Parameters of reducing the numbers should also be defined. | As per RFP |
| 110 | BSNL | 3.6.1 (VII) Page No 44 | Two sessions of 5 days each in two terms for all the teachers and will be supported by online sessions and handholding | Equipment for Online session (with two way communication, Example: Mike, Speaker, Amplifier, Eco Cancellation Device, Web Cam, Connectivity, Router, Firewall) are not available with the proposed components (in this RFP). Either to add or to strike off the Online session of capacity building. | 5 day training sessions are to be held in person. Online sessions and handholding facilities should be provided for any interim support. |
| 111 | BSNL | 3.6.1 (VII) Page No 44 | Online MIS dashboard Application will be hosted on the PCMC Data Center, however until the hosting complete, the successful bidder is expected to host the same MIS portal at its premise. | Kindly include the hosting charges in BOM to quote commercial. | Bidder to evaluate and include in quotation |
| 112 | BSNL | 3.6.1 (X) Page No 43 | Mobile App of MIS should be available to CEO, PCSCL, Commissioner, PCMC, and School Board Authority. | Mobile App would be offered to learners, parents, teachers also. Let's not keep it limited up to School Authorities and PCMC Authorities. RFP talks to give Online Access to teachers also. | This is a minimum requirement. The bidder is free to propose any additional functionalities. |
| 113 | BSNL | 3.6.1 (X) Page No 43 | The successful bidder shall specifically generate reports on the performance of weaker students and work back with school principal and teachers to draw out a program for enhancing the learning levels of these students | Kindly set the parameters for weaker students definition. Then the impact would be analysed statistically along with authority and authentication. | The categorization shall be carried out by the successful bidder in discussion with the school department. |
| 114 | Wacom India | 2.3(6)(b) Page no 18 | If successful bidder fails to sign the Contract or to furnish Bank Guarantee within specified time in accordance with the format given in the RFP. | We understand that the contract referred to herein is a document that will contain the scope, commercials and terms that are discussed and agreed by the customer with the selected bidder through the bid submission and review process. | The draft of the agreement is provided along with CSD. |
| 115 | Wacom India | 2.6 Page no 10 | Subcontracting is not allowed for this RFP, except for any civil, STEM Lab & BALA works. | We understand that the bidder may engage third party personnel for the performance of its responsibilities. | As per RFP |
| 116 | Wacom India | 2.14 Page no 20 -21 | Patent Claim | We understand that the same will apply for software/configuration/customization specifically developed and carried out for the project. | Yes |
| 117 | Wacom India | 2.14 Page no 20 -21 | Patent Claim | We understand that customer will provide responsible information and co-operation necessary for the bidder to defend/settle the claim | Yes |
| 118 | Wacom India | 2.14 Page no 20 -21 | Patent Claim | We submit that for off-the-shelf third party branded software the IPR indemnity will be directly provided by the OEM software licensor to the customer. | Yes |
| 119 | Wacom India | 3.10 Page No 79 | Service Level Requirements/Agreements | We understand that the bidder will not be liable for delays and failures that are attributable to the customer. | Only delays related to making available the infrastructure by PCMC as mentioned in RFP, clarifications or CSD will be attributable to PCMC or PCSCL. The proofs of delay due to PCMC or PCSCL shall have to be provided by the vendor for its consideration. For all other delays and failures, the SLAs as per RFP shall prevail. |
| 120 | Wacom India | 4.4 Page no 84 | The successful SI shall at his own expense, deposit with the Department, within fifteen (15) working days of the date of notice of Award of the Contract or prior to signing of the contract, whichever is earlier, an unconditional and irrevocable Bank Guarantee (BG) from a Nationalized bank acceptable to the Department, payable on demand (In Pune), for the due performance and fulfilment of the contract by the successful SI (Please Refer Annexure III) | Bidder request t that the Bank Guarantee to be submitted within 15 days of signing of the contract. | As per RFP |
| 121 | Wacom India | 4.5 Page no 84-85 | Confidential Information | We understand that customer will also keep bidder's proprietary information, employee details etc. as confidential. | Since this is a public project, the information related to the project shall be open to the public. |
| 122 | Wacom India | 4.8.1 (a) Page no 86 | In such an occurrence, the Department shall give not less than 30 days' written notice of termination to the successful SI | We understand that the 30 days period is the cure period prior to termination. | As per RFP |
| 123 | Wacom India | 4.8.1(d) - (j) Page no 86 | | We also understand that a written notice and a cure period of 30 days will be provided prior to termination of the contract . | As per RFP. The PCMC procedures shall be followed. |

| S.N | Prospective Bidder | RFP Reference | Existing RFP Clause | Bidder's query | Clarification |
|-----|--------------------|----------------------|---|---|---|
| 124 | Wacom India | 1.3 | 6 schools will be taken up as pilot project (Phase I) and learning from its operation will be used during scaling up for rest of the 117 schools. Bidder understands that Phase 1 pertains to 6 schools, however, no information is provided in the RFP for remaining 117 schools timeline of order for those, bidder request clarification whether the total contract duration is 36 months hardstop for ALL the 123 schools or the 34.5 months will be for each school from the date of Go - live of the respective school. | Bidder understands that Phase 1 pertains to 6 schools, however, no information is provided in the RFP for remaining 117 schools timeline of order for those, bidder request clarification whether the total contract duration is 36 months hardstop for ALL the 123 schools or the 34.5 months will be for each school from the date of Go - live of the respective school. | Information can be sought from school department. The 3 years period shall commence from the "go-live" of the last school going operational. The period for last school going operational shall be 3 months from the finalization of changes (if any), upon completion of pilot project in 11 schools. |
| 125 | Wacom India | 3.9 Page No 77 | Payment milestone- 1. Commissioning and Sign off - 80% of the Total fee in the 6th week 2. Quarterly fee - 5% of the Total fee thereon 3. Success fee - a)1.5% - based on attendance of students b)3.5% - based on enrolment, dropouts, improved academic performance and usage of the facility- Quantitative assessment +improved spoken skills, creative thinking and cooperative skills- Qualitative assessment | Payment milestone- 1. 1.HW/SW and products - 60% on delivery 2. Commissioning and Sign off - 20% of the Total fee in the 6th week 3. Quarterly fee - Bidder suggest 20% of the Total fee Quarterly shall not be related to students performance since the bidder is providing the ICT infrastructure and content as per the RFP requirements further this RFP scope pertains to implementation of software and hardware which will be proven after sign off and Go Live hence the quarterly fee should be paid without linkage to the below. Further we understand that the above payment milestones are applicable for the Phase 1 schools (6 schools) . The Quarterly payment related to additional schools shall be paid over the balance remaining period of the contract based on the timing of the order for those schools implementation and related Go - live. | Tender condition prevails |
| 126 | Wacom India | 3.9 Page No 77 | Terms & Conditions - b)PCSCCL will release the payment within 45 days of submission of valid invoice subject to the condition that invoice and all supporting documents produced are in order and work is performed as per the scope of the project, deliverables mentioned in the table above and meet the SLA Criteria. PCSCCL shall be entitled to delay or withhold the payment of a disputed invoice or part of it delivered by bidder | Terms & Conditions - b)Bidder request PCSCCL will release the payment within 30 days of from the date of valid invoice subject to the condition that invoice and all supporting documents produced are in order and work is performed as per the scope of the project, deliverables mentioned in the table above and meet the SLA Criteria. PCSCCL shall be entitled to delay or withhold the payment of a disputed invoice or part of it delivered by bidder | Tender condition prevails |
| 127 | Wacom India | 3.9 Page No 77 | Terms & Conditions -c) Payment for the pilot will be made by the PCSCCL. O and M & other by School Department, PCMC. | Bidder requests to remove this clause as Bidder understands that PCSCCL will be the single window for all the 123 schools, hence all payments will be made by the same. | Tender condition prevails |
| 128 | Wacom India | 3.10 Page No 80 | Service Level Requirements/Agreements : For delay in updation/ rectification of issues Table R1,R2,R3 | Bidder requests to clarify the effective date for these SLAs for each of the schools. We further submit that the cumulative penalty under these SLAs shall be capped to 5% of the quarterly invoice amount. | Tender condition prevails |
| 129 | Wacom India | 4.3 Page no 89 | Taxes The successful SI shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies as applicable separately | The taxes indicated in the commercials are based on the tax rates existing at the time of bid submission. Any changes to the tax rates due to change in the tax laws shall be borne by the customer | Financial proposal should include all taxes except GST |
| 130 | Wacom India | 4.8.1 (j) Page No 90 | Termination j) If the Department, in its sole discretion and for any reason whatsoever, decides to terminate this Contract | j) If the Department, in its sole discretion and for any reason whatsoever, decides to terminate this Contract by giving a 90 day notice period. | Tender condition prevails |
| 131 | Wacom India | 4.9 | Payment upon Termination b) If the agreement is terminated pursuant of this RFP document, the successful SI shall not be entitled to receive any agreed payments upon termination of the Contract. However, the Department may consider making a payment for the part satisfactorily performed on the basis of Quantum Merit as assessed by it, if such part is of economic utility to the Department. Applicable under such circumstances, upon termination, the Department may also impose liquidated damages. The successful SI will be required to pay any such liquidated damages to the Department within 30 days of termination date. | Payment upon Termination b) Bidder request to deletion of this clause for the following reasons, 1) There is no mention of Limitation of liability in the RFP 2) The liquidated damages applicability will have to be further looked in based on the stage of the project.3) Bidder request that agreed payments for respective deliverables accepted by PCSL should be given upon termination. 4) Also "Quantum of Merit" should be clearly defined in each stage. | 1. Pls see corrigendum 2. Pls see corrigendum 3. Tender clause remains unchanged 4. Tender clause remains unchanged |
| 132 | Wacom India | Form 21 | Rate per School to be quoted as per the BOQ uploaded on tendering website | Rate per School to be quoted as per the BOQ uploaded on tendering website - Bidder request to add a place holder in the BOQ for implementation services and Prog Management work. We further submit to include a separate table for quoting cost for development of training material etc which can be used for all the schools in common. | Project management and help desk services is mentioned a separate line item. However, The bidder is free to add any separate line item as they deem necessary |
| 133 | Wacom India | 3.3 Page no 31-32 | Compliance to the requirement (functional/technical) mentioned for the particulars mentioned in the bill of material at Section 3.7.2 Marks would be awarded as follows: • Non Compliance = 0 Marks • 100% Compliance = 20 Marks | Request you to give proportional marks for proportional compliance (e.g., in case of 90% compliance, give 90% of 20, i.e. 18 marks) | Please see corrigendum. |
| 134 | Wacom India | 3.6.1 Page No 37 | The Learning e-Contents based on the Maharashtra State Board/NCERT syllabus to be provided in every grade wise digital classroom must follow the outline provided at Section M | Kindly provide the numbers of hours of e-contents to be provided for each of the languages in which such e-contents is to be provided | Complete syllabus needs to be covered grade and chapter wise. The speed should be such that will help learning in students. Bidder to propose the details as a part of the overall solution. |
| 135 | Wacom India | 4.11 Page No. 92 | Applicable laws | We understand that customer will comply with the applicable laws that relate to its receipt and use of products and services delivered under the project. | As per RFP. The PCMC procedures shall be followed. |
| 136 | Versatile pvt ltd | 2.1 | | To propose better solution | Query not clear |
| 137 | Versatile pvt ltd | 1.2 | | To propose better solution and pricing | Query not clear |
| 138 | Versatile pvt ltd | 3.1 (3) Page No 25 | 3.1 (3) The lead bidder should have an average Annual turnover of not less than Rs. 20 Cr for the last three financial years (as of 31-03-2018) | The lead bidder should have annual turnover of not less than 80crs.To get better outcome as mention in 3.9(3), experience is very important. | Tender condition prevails |
| 139 | Versatile pvt ltd | 3.1 (6) Page No 25 | 3.1 (6) The lead bidder or the consortium partner should have executed / executing projects provisioning of involving IT hardware or educational e-learning software, Online MIS Dashboard with educational services like teacher training, multimedia content, project monitoring in at-least 60 Government schools in last 5 years | The lead bidder or consortium parter should have executed digitalisation single order of 60% or 40% or 25% of three orders. To get better outcomes mention in 3.9(3), experience is very important. | Tender condition prevails |
| 140 | Versatile pvt ltd | 3.1(7) Page No 26 | 3.1 (7) The lead bidder or the consortium partner should have experience in at least 2 of the below mentioned interventions in any Government schools in last 5 years; a) E-Learning content development and deployment b) Digital education c) Teacher capacity building and mentoring d) English lab experience e) Robotics lab experience | Consortium allowed between 1.digital/automation company having experiment in school digitalization 2. company having experience in running schools for last 10 yrs. This tender has three main components a.Digitalisation of school b. digital content c. improving over all performance & outcome of school This tender has three main components a.Digitalisation of school b. digital content c. improving over all performance & outcome of school | Tender condition prevails |
| 141 | Versatile pvt ltd | 3.1 (9) Page No 27 | 3.1 (9) The lead bidder must possess valid certifications on ISO 9001:2015/ISO 20000-1:2011/CMMI 3 | Why you need CMMI3 certificate As this not a software tender | Tender condition prevails |
| 142 | Versatile pvt ltd | 3.2 (2) Page no 27 | 3.2 (2) Bidder who fulfil Pre-Qualification Criteria will be evaluated as per the Technical Evaluation Marking Scheme | 1.Bidder who will qualify in PQ will be eligible for TQ. 2. Bidder who will qualify in TQ , will be eligible for Commercial Bid opening As this QCBS tender | Yes |
| 143 | Versatile pvt ltd | 3.2 (2) Page no 27 | 3.2 (2) Bidder who fulfil Pre-Qualification Criteria will be evaluated as per the Technical Evaluation Marking Scheme | 1.Bidder who will qualify in PQ will be eligible for TQ. 2. Bidder who will qualify in TQ , will be eligible for Commercial Bid opening As this QCBS tender | Yes |
| 144 | Versatile pvt ltd | 3.3 (1) Page No 28 | 1) Financial Turnover The lead bidder should have an average Annual turnover of not less than Rs. 20 Cr for the last three financial years (as of 31-03-2018) Marks would be awarded as follows: • Rs. 20 Cr to Rs 80 Cr = 2 marks • Rs. 81 Cr to Rs 320 Cr = 4 marks • > Rs 320 Cr = 10 marks | Marking system 1. 80-200 2.201-500 3. 501 & above | Tender condition prevails |

| S.N | Prospective Bidder | RFP Reference | Existing RFP Clause | Bidder's query | Clarification |
|-----|--------------------|---|--|---|-------------------------------------|
| 145 | Versatile pvt ltd | 3.3 (2) Page No 28 | 3.3 (2) Years of experience The lead bidder should have experience of working in the IT/ITES/ Education sector for a min. of 5 years as on bid submission date. Marks would be awarded as follows: • 5 years = 1 mark • 5 years to 10 years = 3 marks • > 10 years = 5 marks | Remove 3.3 (1) will serve the purpose | Tender condition prevails |
| 146 | Versatile pvt ltd | 3.3 (3) Page No 28 | 3.3 (3) Experience in Education The lead bidder or the consortium partner (any member of the consortium) should have executed / executing projects involving provisioning of IT hardware or educational e-learning software ,Online MIS Dashboard with educational services like teacher training, multimedia content at-least 60 Government schools in last 5 years Marks would be awarded as follows: • 60 to 240 schools = 1 mark • 240 to 960 schools = 3 marks • > 960 schools = 5 marks The lead bidder or the consortium partner (any member of the consortium) should have experience in at least 2 of the below mentioned interventions in any Government schools in last 5 years; a) E-Learning content development and deployment b) Digital education c) Teacher capacity building and mentoring d) English lab experience e) Robotics lab experience Marks would be awarded as follows: • 2 interventions = 2 marks • 4 interventions = 4 marks • 5 interventions = 5 marks | should have Experience in school digitalization (e learning + hardware) | Tender condition prevails |
| 147 | Versatile pvt ltd | 3.3 (4) Page No 29 | 3.3 (4) English Labs Experience The lead bidder or the consortium partner (any member of the consortium) should have experience in implementation of English labs. Marks would be awarded as follows: • Content characteristics (of randomly sampled content during evaluation stage) o Video annotations = 1 mark o Video resolution =1 mark o Narration clarity =1 mark o Concept explanation = 2 marks • Others o Quality of dashboards = 1 mark o Quality of trainer manuals = 0.5 marks o Ease of use and functionality of software/ application provided – pairing of students, group discussions, teacher view and controls, student audio panel, system set up, simultaneous log in, etc. = 2.5 marks o Nature of language learning activities provided = 1 mark | Remove | Tender condition prevails |
| 148 | Versatile pvt ltd | 3.3 (5) Page No 30 | 3.3 (5) STEM or Robotics Labs Experience The lead bidder or the consortium partner (any member of the consortium) should have experience in implementation of either STEM or Robotics labs. Marks would be awarded as follows: • 2 labs = 2 marks • 4 labs = 4 marks • 5 labs = 5 marks | Remove | Tender condition prevails |
| 149 | Versatile pvt ltd | 3.3 (7) Page No 31 | 3.3 (7) Certification The lead bidder must possess valid certifications on ISO 9001:2015/ISO 20000-1:2011/CMMI 3 Marks would be awarded as follows: • ISO 9001:2015 = 1 mark • ISO 20000-1:2011 = 3 marks • CMMI 3 = 5 marks | CMMI 3 Remove Its not a software tender | Tender condition prevails |
| 150 | Versatile pvt ltd | 3.3(8) Page No 31 | 3.3 (8) Capacity building of teachers The lead bidder or the consortium partner (any member of the consortium) should have experience of capacity building of teachers Marks would be awarded as follows: • 60-120 Teachers = 2 Marks • 120-240 Teacher = 5 Marks • >240 Teachers = 10 Marks | Remove | Tender condition prevails |
| 151 | Versatile pvt ltd | 3.3 Page No 28 - 32 | Technical evaluation marking | Lead bidder or consortium partner should have experience in running the school or handling students | Tender condition prevails |
| 152 | Versatile pvt ltd | 3.6.1.(II) Page No 36 | 3.6.1 (II) Smart class with video recording and AI analytics To simplify the way technology is used in the classroom, a compact, simple digital display unit along with computing device would be placed in every grade of the schools to enable smart digital classroom. Ease to use will motivate even the teachers who are not comfortable using technology in the classroom to easily embrace digital teaching and learning environment. Artificial Intelligence (A.I) technologies is capable of imparting quality education of India's linguistically diverse population. Hence, introduction of technology-based education with A.I in education will play a major role for enhancing the quality of education in public sector schools. A.I function would cater to the following: 1) Student's attention: Estimation of students perceived attention in class room. 2) Attendance: Attendance with timestamp of entry, exit and duration of presence inside class for students. 3) Demography: Counting of male and female students, ratio of presence on daily basis, protecting gender specific restroom zones. 4) Classroom Behavior analysis: run, danger, fight, fall 5) Student mood & emotion analysis: Directly proportionate to the productivity and effectiveness, the system recognizes the mood and other emotional state of students inside classroom. 6) Teacher efficiency: Will be able to provide analytics on below: • Effective utilization of smart board or black/white board • Time spent engaging with students • Time spent inside class premises • Time spent idle, on phone, sitting, chatting with other staff etc. • Attendance for teachers & Regularity to class • Punishment and harassment analytics • MIS of teachers • MIS for students 7) Student & Teacher Interaction analytics The solution should ensure that the tracking of individual student's performance is done on at least on monthly, semester, half yearly, yearly and subject wise | I)where data will store .II) Who will do the data analytics III) Remedial action plan.IV) Who is responsible for data process.V) What kind of tracking solution.VI) Mention performance parameters . I) Teacher student privacy would be lost .II) Student will be always under pressure because of third party monitoring.III) Teacher will have negative impact.IV) No mechanism before and after effective analysis.V) No define plan for big data handling it. | Tender condition prevails |
| 153 | Versatile pvt ltd | 3.6.1.(IV) & 3.7.2 (N & O) Page No 37 & 62-68 | 3.6.1 STEM Lab 3.7.2 (N) Overview of STEM lab specifications 3.7.2 (O) Requirements for robotics lab for upper primary classes | i)who will provide Video conferencing .ii)Content sanctioning authority. I)No Std, chapter or topic vice mapping.II)These activities are not design content vice, means not map with text book.III) Separate lab will not serve the propose, it should be link while teaching the topic in classroom | Tender condition prevails |
| 154 | Versatile pvt ltd | 3.6.1 (v) Page no 37 | 3.6.1 (V) Computer Functional Literacy (ICT Skills) e-Contents: The computer functional literacy is necessary for any job today. Computer Functional Literacy e-Contents will be deployed in all computer devices in the Computer lab and in every digital classroom. The Computer Functional Literacy e-Contents must follow the outline at Section I. | 1. Why required in each classroom, as providing dedicated computer lab?2.Content sanctioning authority 1.Std vice curriculum not their.2.Government already have Swayam & Viraj Portals to learn computer litercay.3.Time table to incorporate new subject (having working 180days in yr only) | Bidder to propose solution options. |

| S.N | Prospective Bidder | RFP Reference | Existing RFP Clause | Bidder's query | Clarification |
|-----|--------------------|--------------------------------------|--|---|--|
| 155 | Versatile pvt ltd | 3.6.1 (VI) Page No 38 | 3.6.1 (VI) English Language Training e-Contents: The computer lab will be used for English language training, and teaching Computer skills curriculum; no additional infrastructure (hardware) will be procured for English language learning. The English Language Learning e-Contents must follow the outline at Section H. | 1.We can incorporate with English subject.2) As subject matter expert will do the needful I)Std vice chapter, topic teaching.II)Time table to incorporate new subject (having working 180days in yr only).III) Why need to teach again separately again? Can it be incorporate with text book by introducing detail grammar std vise and activities base program such as class room discussions, speaking on topic etc.IV)Confusion of teachers will increase by teachers and students by learning English having two separate techniques | Tender condition prevails |
| 156 | Versatile pvt ltd | 3.6.1(VII) & 3.7.2 (Q) Page no 38 | 3.6.1 (VII): Capacity Building of Teachers & Head Masters : VII. Capacity Building of Teachers & Head Masters : Capacity creation of teachers will include practical demonstrations in constructivist approaches like inquiry, activity and project-based learning. This training will build on the existing skill sets of the teachers so that any transition will be achieved sensitively, seamlessly and surely. Teacher Capacity Building shall be conducted in two sessions of 5 days each in two terms for all the teachers and will be supported by online sessions and handholding. The capacity creation will focus on the following areas: • Effective lesson plans: unlocking learning blocks, creating learning triggers and authentic resources, learning outcomes and developing tightly aligned assessments • Pedagogical techniques: blended with domain competency, collaborative teaching, and self/peer learning, flipped classrooms, and blended learning. The teachers will be familiarized on how to improve their classroom practice with constructivist approaches using technology resources. The teachers will be made comfortable operating the technology infrastructure and resources provided under the project • Sensitizing teachers in using assessments for and of learning and in designing variety of assessments, assessing differential learning, group/ peer/ self-assessments and in classroom management skills • Leadership training for Headmasters to be conducted along with the project induction. | 1. How many sessions per term 1.To build the capacity of teachers, most important is to develop the willingness and motivation among the teachers .2)his can be achieved through giving training on Mindfulness, stress management, effective delivery, mock handling, how to improve through process of students etc. | Bidder to propose as part of its solution. |
| 157 | Versatile pvt ltd | 3.6.1(VII) & 3.7.2 (Q) Page no 38 | 3.6.1 (VIII): Deployment of expert facilitators: The bidder would be providing at least 3 trained expert facilitators in Maths, English, and Science who can help school teachers in bridging the gaps in students' learning. The role of the expert facilitators will be: • Remedial teaching to improve performance in English, ICT and Science • Hand-holding school staff in helping them with their classroom practices • Introducing new methods of teaching like activity- and project-based learning • Conducting classroom observation to identify areas for student improvement • Access to all students for guided teaching and self-study to improve student performance The expert facilitators will be provided for one year. Based on the satisfactory capacity building and performance of the teachers, the expert facilitators may be reduced. However minimum one expert facilitator per school has to be provided in the subsequent years. | 1.Are we reducing staff after introducing new facilitators? 2.Whether we are going to make them permeant after three yrs? 3.Timelines. 1..Ego issue to learn from younger and less experience person is big challenge | 1. NO. 2. NO. 3. As mentioned in RFP |
| 158 | Versatile pvt ltd | 3.6.1(IX) & 3.7.2(P) Page no 39 | 3.6.1 (IX) Building as Learning Aid (BALA): While the infrastructure of the Schools is adequate there is need for some minor improvements: • The environment of the school can be improved by BaLA interventions through painting/boards/installations illustrating concepts from the curriculum for a print rich environment • Children subconsciously imbibe inputs from their surroundings and are constantly receptive to multiple sensory perceptions. • To harness this potential, the school environment can be enriched to provide a learning opportunity at every step and turn of the building contours The bidder has to provide the above as per the prescribed scope mentioned in the outline at Section P. | 1. These are only learning aids to provide it or it's a outline/reference.2.. If a outline, how many to provide in each school. | In every school, at least 30 BALA concepts i.e. minimum 2 per classroom, and minimum 10 in common areas will be implemented. The details of the indicative concepts have been described in the tender documents. Prior to implementation, the bidder shall explain the exact BALA concepts to PCSC/School department. Subsequently, only the approved BALA concept shall be implemented in each school. Kindly refer BALA guidelines published by Directorate of Education, GoI. |
| 159 | Versatile pvt ltd | 3.6.1(X) & 3.7.2 (T) Page No 39 & 69 | 3.6.1 (X) Online MIS Dashboard | 1. Basic level data architecture for students and teachers can only be provide with solution . 2.Whether we are going to stop using Saral? 1. All the points are mention in section are same in saral portal, why we are making duplication. 2.By providing, we are increasing burden on teachers | Tender condition prevails |
| 160 | Versatile pvt ltd | 3.6.1(XI) Page no 40 | 3.6.1 (XI) Project Management Services The bidder should deploy at least one project manager for updates on day to day activities to the department. Centralized Helpdesk should be provided for call logging and project management. Project management software with online tracking of devices and their uptime should be provided as part of the deliverables. | 1. What will be day to day reporting format | Bidder to propose. Final format will be decided along with school department once he vendor is selected. |
| 161 | Versatile pvt ltd | 3.7.2 (J) Page no 55 | 3.7.2 (J) Smart Digital Classroom Equipments | Attachment 1 | Query not clear |
| 162 | Versatile pvt ltd | 3.7.2 (K & L) Page no 55 & 56 | 3.7.2 (K) Technical Specifications of HD Camera with Video recording for AI 3.7.2 (L) Functional and Technical Specifications of Artificial Intelligence based Educational Analytics system | Attachment 1 | Please see corrigendum. |
| 163 | Versatile pvt ltd | 3.7.2 (O) Page No 64 | 3.7.2 (O) Robotics Lab Requirements for robotics lab for upper primary classes | Why need laptop, when we are giving LED screen | Tender condition prevails |
| 164 | Versatile pvt ltd | | New | Need digital student evaluation system The current evaluation system is paper based and hence error prone, susceptible to misuse, damage and very challenging to archive and retrieve, let alone use for analysis. The solution should make evaluation completely paperless and online. Moreover, the evaluation should be layered for chapter, topic or suitable metrics. The system should contain preloaded tests, ability for configuring additional tests and spot creation of evaluation tests by the teacher. The test should be conducted in manual or auto mode. In auto mode, the countdown timer should be in seconds. | Tender condition prevails |
| 165 | Versatile pvt ltd | | New | Analytics, Online Dashboard and Reporting The data captured by the evaluation function will have to be harnessed for actionable progress steps. The data captured through the units in local school should be stored locally and pushed to cloud as and when the internet connectivity is available for creation of online dashboard. This functionality should complete the feedback loop to the administration officials. This is achieved through a dashboard report for the key metrics available to administration officials. All the metrics in the online dashboard needs facility to aggregate data at the area / ward /block / level for reporting and quick decisioning. | Tender condition prevails |
| 166 | Versatile pvt ltd | | New | Remote Monitoring of hardware & software The agency should have Central Remote Monitoring and Network Operations Centre for monitoring the health of digital units. This should have health status monitoring for hardware as well as software components of the unit. The Central Monitoring system should measure key parameters including but not limited to, | Tender condition prevails |

Common Set of Deviation

Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools

| Sr. No | RFP reference | Existing RFP Clause | Revised clause | Modified RFP Page No |
|--------|------------------------|--|--|----------------------|
| 1 | 3.7.2 (C) Page no 46 | 3 KVA True Online UPS specification | The following line of the clause is revised as below. All other points under this clause remain unchanged or as per CSD. OEM should be one of the top 5 manufacturer as per the Gartner's /IDC/Frost & Sullivan or any other applicable report. | 46 |
| 2 | 3.7.2 (C) Page no 45 | 3 KVA True Online UPS specification - Backup time 30 Minutes. | The UPS battery to have a minimum of 2496 VAH with at least 30 mins back up. | 45 |
| 3 | 3.7.2 (C) Page no 45 | 3 KVA True Online UPS specification - Type of Battery – SMF-VRLA | The battery supplied for UPS shall be among the top 5 manufacturers in India. | 46 |
| 4 | 3.7.2 (C) Page no 46 | 3 KVA True Online UPS specification -Switching over time – Maximum 10 mili seconds | Switch over time should be 0 MS. | 46 |
| 5 | 3.7.2 (C) Page no 46 | 3 KVA True Online UPS specification - As per Meity (Govt of India) guidelines UPS shall have valid BIS CRS certifications as applicable | UPS shall have valid BIS CRS & ROHS certifications as applicable. | 46 |
| 6 | 3.7.2 (J) Page no 55 | Smart Digital Classroom Equipments' Static contrast Ratio (Min 1000:1) | TV to have dynamic contrast/ Static contrast. | 55 |
| 7 | 3.7.2 (J) Page no 55 | Smart Digital Classroom Equipments' Ports : HDMI Port, USB Port, VGA Port, Ethernet Port, Built-in Wi-Fi | TV to have Miracast connectivity/ connectivity to mobiles/ tablets. | 55 |
| 8 | 3.7.2 (J) Page no 55 | Smart Digital Classroom Equipments' OEM should be one of the top 5 manufacturers as per the Gartner's report. | Top 5 brands as per Gartner/ IHS report | 55 |
| 9 | 3.1 (6) Page No 26 | The lead bidder or the consortium partner should have executed / executing projects provisioning of involving IT hardware or educational e-learning software, Online MIS Dashboard with educational services like teacher training, multimedia content, project monitoring in at-least 60 Government schools in last 5 years | The lead bidder or the consortium partner should have executed / executing projects provisioning of involving IT hardware or educational e-learning software, Online MIS Dashboard with educational services like teacher training, multimedia content, project monitoring in at-least 60 Government/ Private schools in last 5 years | 26 |
| 10 | 3.1 (7) Page no 26 | 3.1 Pre-Qualification & Technical Qualification Criteria (Folder 1) 7. The lead bidder or the consortium have experience in at least 2 of the below mentioned interventions in any government schools in last 5 years. A) E-Learning content development and deployment's) Digital education; c) Teacher capacity building and mentoring; d) English lab experience's) Robotics lab experience | The lead bidder or the consortium partner should have experience in at least 2 of the below mentioned interventions in any Government/ Private schools in last 5 years; a) E-Learning content development and deployment b) Digital education c) Teacher capacity building and mentoring d) English Lab OR English Language Training Content experience e) Robotics/STEM lab experience | 26 |
| 11 | 3.3 (5) Page no 30 | Parameter 5. STEM or Robotics Labs Experience The lead bidder or the consortium partner (any member of the consortium) should have experience in implementation of either STEM or Robotics labs. Marks would be awarded as follows: • 2labs=2marks • 4labs=4marks • 5labs=5marks | • The lead bidder or the consortium partner (any member of the consortium) should have experience in implementation of either STEM or Robotics labs. Marks would be awarded as follows: • 2 Projects = 2 marks • 4 Projects = 4 marks • 5 Projects = 5 marks | 30 |
| 12 | 3.3 (9) Page no 31 | 3.3) Technical Evaluation Marking (9) Technical Compliance Compliance to the requirement (functional/technical) mentioned for the particulars mentioned in the bill of material at Section 3.7.2 Marks would be awarded as follows: • Non Compliance = 0 Marks 100 % compliance =20 marks | Compliance to the requirement (functional/technical) mentioned for the particulars mentioned in the bill of material at Section 3.7.2 Marks would be awarded as follows: • Non Compliance = 0 Marks 100 % compliance =10 marks Kindly refere the modified RFP | 31 |

| Sr. No | RFP reference | Existing RFP Clause | Revised clause | Modified RFP Page No |
|--------|----------------------|--|---|----------------------|
| | | | <p>New Clause Digital Content (10 marks) • Content characteristics (of randomly sampled content during evaluation stage) o Video annotations = 1 mark o Video resolution =1 mark o Narration clarity =1 mark o Concept explanation = 2 marks o Additional content provided for Concept explanation = 5 marks</p> | 31 |
| 13 | 3.6.1 (I) Page no 36 | 3.6 Scope of Work 3.6.1 Interventions (I). Computer Labs: A)Ensure compliance of electrical earthing. B)Physical security like grills, locks, CCTV etc. | It is the responsibility of the vendor to ensure that connectivity of nodes to internet is good and consistent. The vendors shall propose solution. Structured cabling is preferred. The following has been deleted: "Electrical wiring would also include Earthing arrangements." "• Ensure compliance of electrical earthing • Physical security like grills, locks, CCTV etc." Kindly refer the modified RFP. | 36 |
| 14 | 3.6.1 (I) Page no 36 | 3.6 Scope of Work 3.6.1 Interventions (II). Smart Class with Video Recording and Artificial Intelligence Analytics: <input type="checkbox"/> MIS of teachers <input type="checkbox"/> MIS for students The solution should ensure that the tracking of individual student's performance is done on at least on monthly, semester, half yearly, yearly and subject wise. | MIS for teachers and students to be evaluated under Online MIS dashboard. The point is deleted from 3.6.1 (II). Smart Class with Video Recording and Artificial Intelligence Analytics: "MIS for teachers MIS for students" "The solution should ensure that the tracking of individual student's performance is done on at least on monthly, semester, half yearly, yearly and subject wise" The point is added in 3.6.1 (X) Online MIS Dashboard: "MIS for teachers MIS for students" "The solution should ensure that the tracking of individual student's performance is done on at least on monthly, semester, half yearly, yearly and subject wise" | 40 |
| 15 | | | New addition to clause: Digital e-learning platform: The vendor shall provide a digital e-learning platform which shall have the following functionalities at a minimum: a) User Registration: b) Administration c) Planning & Tracking Academic Progress d) Performance Tracking e) Content Upload f) Question Bank creation h) Assessment i) integration with internet driven media j) integration with additional external content k) lesson planning l) report generation m) dashboard n) search features o) Localization/ customization | 40 |

| Sr. No | RFP reference | Existing RFP Clause | Revised clause | Modified RFP Page No |
|--------|-----------------------|--|---|----------------------|
| 16 | 3.6.1 (II) Page no 36 | 3.6 Scope of Work 3.6.1 Interventions (II) Smart Class with Video Recording and Artificial Intelligence Analytics: | <p>AI specifications</p> <p>Revised Clause Functional and Technical Specifications of Artificial Intelligence based Educational Analytics system (3.7.2, L)</p> <p>Recommended Specifications of AI server:</p> <p>a) Processor: (1) Latest series/ generation of 64 bit x86 processor(s) with 16 or higher Cores (2) Processor speed should be 2.1 to 2.7 GHz (3) Minimum 4 processors per each physical server</p> <p>b) RAM: Server should be configured with minimum 256 GB Industry-standard DDR4 RAM</p> <p>c) Internal storage: 4 x 900 GB SAS (10k rpm) hot swap disk with extensible bays</p> <p>d) Network Interface: Server should have Quad-port 10G BASE-TX LAN, 2 X 10 Gb Fiber ports for providing network connectivity.</p> <p>e) Power Supply: Dual Redundant Power Supply</p> <p>f) RAID: As per requirement/solution</p> <p>g) Operating system: As required for solution</p> <p>h) Form Factor: 2U RACKMOUNT form factor or less</p> <p>i) Virtualization: As required for solution</p> <p>j) Cache Memory: The proposed processor should have atleast 33MB cache</p> <p>k) I/O Ports: Should have the given I/O Ports: 1) Front ports: Video, 2 x USB 2.0, 1 managed (micro-sub) 2) Rear ports: Video, serial, 2 x USB 3.0 3) Video card: VGA</p> <p>l) Controller: Internal RAID Controller card should be with atleast 2GB NVCache</p> <p>m) PCI Port: 1 PCI-e based Dual Port Port 16 Gbps or higher FC HBA Card</p> <p>n) Power Supply: The Server should have Hot plug power supplies with full redundancy option</p> <p>o) GPU: The Server should support up to 4 or more GPUs (Min. Tesla P4 or above)</p> <p>These AI server shall be procured by the bidder and ensure its installation and operationalization at the data centre space provided by PCSCL.</p> <p>Ethernet switches will have to be provided by the vendor</p> <p>Tender clause modified. Kindly refer the modified RFP.</p> | 57 |
| 17 | 3.6.1 (X) | No existing Clause | For Online MIS dashboard, PCMC/ PCSCL shall procure based on the server sizing provided. The installation and operationalization shall have to be undertaken by the vendor. | |

| Sr. No | RFP reference | Existing RFP Clause | Revised clause | Modified RFP Page No |
|--------|----------------------|--|--|----------------------|
| 18 | 3.7.2 (J) Page no 55 | <p>3.7 Technical Specifications 3.7.2 Functional and Technical Specifications A) smart digital classroom equipment</p> <p>PROCESSOR-Quad Core CLOCK SPEED-1.3 GHZ or Higher FLASH MEMORY (SD SLOT)-Card Reader slot for SD/MICRO SD card. RAM-2 GB DDR3L in built DISPLAY-18.5" HD AUDIO-INPUT/OUTPUT BLUETOOTH-Enabled 4.0 HARD DISK-32 GB internal with 64 GB on Class 10 SD Card. WIRELESS-Enabled INTERFACES-1xVGA, 1xHDMI, 1xUSB 3.0, 2xUSB2.0, 1xRj-45, 1xTF card Slot, 1xAudio out KEYBOARD & MOUSE-USB Keyboard and Mouse COMPLIANCE-MAF MANDATORY FROM OEM POWER CONSUMPTION-12.5 Watts VIDEO RESOLUTION-16/24/32 bit,Up to 1920x1024 OPERATING TEMPERATURE-55 Degree Centigade WEIGHT-220 Grams OPERATING SYSTEM (OS)-Windows 10 Home MOUNTING OPTION-Desktop/Monitor Back CERTIFICATION-BIS Mandatory, 3 years on-site warranty</p> | <p>Kindly refer the modified RFP. Winodws based OK Granter/ HIS OK</p> <p>Revised clause Computig device specification (3.7.2, A) PROCESSOR, CLOCK SPEED - Quad core Processor Base freq 1.44 Ghz +, 2 MB Cache or higher or equivalent. RAM 2GB DDR3L (future expandable, if required) Hard disk- At least 32 GB Internal with 64 GB Wifi - 802.11b/g/n (Dual band 2.4G /5G) LAN - 10/100/1000 Giga Lan (standard). I/O Port - HDMI1.4, USB 2.0(Type-A) x 3, RJ45, DC-in, HP/MIC Combo (CTIA Type) Pre Loaded Software - Open/Libre office should be preloaded in all systems PC Weight - < 200Gms for Mini PC (without casing) Keyboard & Mouse - Wired/ wireless keyboard & mouse of same make as PC. Monitor - 18.5" HD resolution monitor with HDMi input , BIS certified same make as PC OEM Power adapter - 100 ~ 240Vac, 50/60Hz; with Y Cable for input into Mini PC & Monitor Certification - BIS, EPR ,BEE as per GOI procurement policy Preloaded Operating system - Windows 10 (32bit) Academic edition</p> | 45 |
| 19 | 3.7.2 (K) Page no 55 | <p>3.7 Technical Specifications 3.7.2 Functional and Technical Specifications K) Technical Specifications of HD Camera with Video recording for AI a) Full HD 1080p at 30fps / 720p at 60fps streaming and recording b) H.264 video compression c) Background replacement (must works on Windows 7 and above) d) Full HD 1080p video calling e) Must Support Windows, Mac, Chrome OS and Android f) Stream clear video even in dim light g) Two integrated omnidirectional mics with noise reduction capture stereo audio from every angle, ensuring clear, no drop streaming and recorded video. h) Full HD glass lens</p> | <p>The clause to be read as "Full HD IP based camera". Minimum 1 camera per classroom.</p> <p>Kindly refer the modified RFP document. Technical specifications of HD camera with video recording for AI (3.7.2, K) The Minumum specifications of the IP based camera to be provided in each classroom are: a) Full HD 1080p at 30fps / 720p at 60fps streaming and recording b) H.264 video compression c) Background replacement (must works on Windows 7 and above) d) Full HD 1080p video calling e) Must Support Windows, Mac, Chrome OS and Android f) Stream clear video even in dim light g) Two integrated omnidirectional mics with noise reduction capture stereo audio from every angle, ensuring clear, no drop streaming and recorded video. h) Full HD glass lens</p> | 55 |
| 20 | 3.7.2 (M) 60 | <p>3.7 Technical Specifications 3.7.2 Functional and Technical Specifications M)Text book based School e-Contents (Interactive Multimedia Content)</p> <p>Educational content should be provided with languages Hindi, English, Urdu and Marathi.</p> | <p>E-content needs to be provided in all 4 languages mentioned. However, for Hindi and Urdu the vendor is allowed to tie-up/ sub-contract for e-content.</p> <p>Revised Clause Educational contents should be provided with languages Hindi, English, Urdu and Marathi. However, for Hindi and Urdu the vendor is allowed to tie-up/ sub-contract for e-content.</p> <p>Kindly refer the modified RFP document.</p> | 58 |

| Sr. No | RFP reference | Existing RFP Clause | Revised clause | Modified RFP Page No |
|--------|----------------------|---|---|----------------------|
| 21 | 3.3 (6) Page No 32 | <p>Manpower</p> <p>The lead bidder or the consortium partner (any member of the consortium) should have 20 professionals (teacher training, mentoring, instructional design, developing multi-media content, technology) on its rolls</p> <p>Marks would be awarded as follows:</p> <ul style="list-style-type: none"> • 20 – 50 Manpower = 1 mark • 50 – 100 Manpower = 3 marks • > 100 Manpower = 5 marks | <p>Tender clause has been modified as</p> <p>Technical marking</p> <p>20 – 80 Manpower = 1 mark</p> <ul style="list-style-type: none"> • 80 – 150 Manpower = 3 marks • > 150 Manpower = 5 marks | 31 |
| 22 | 3.3 (4) Page No 29 | <p>Marking - 4. English Labs Experience</p> <p>The lead bidder or the consortium partner (any member of the consortium) should have experience in implementation of English labs.</p> | <p>The lead bidder or the consortium partner (any member of the consortium) should have experience in implementation of English labs OR English Training Content.</p> | 29 |
| 23 | 3.3 (3) Page no 26 | <p>The lead bidder or the consortium partner should have experience in at least 2 of the below mentioned interventions in any Government schools in last 5 years; a) E-Learning content development and deployment b) Digital education) Teacher capacity building and mentoring d) English lab experience e) Robotics lab experience</p> | <p>Pls see corrigendum</p> <p>Revised clause</p> <p>The lead bidder or the consortium partner should have experience in at least 2 of the below mentioned interventions in any Government/ Private schools in last 5 years; a) E-Learning content development and deployment b) Digital education) Teacher capacity building and mentoring d) English lab experience e) STEM/ Robotics lab experience</p> <p>Marks would be awarded as follows:</p> <ul style="list-style-type: none"> • 2 Interventions= 2 marks • 4 Interventions= 4 marks • 5 Interventions = 5 marks | 29 |
| 24 | 3.7.2 Page 45 | <p>Robotics Lab</p> | <p>The list of deliverables is indicative only.</p> <p>The specifications mentioned in 3.7.2 - H, I, N, O, P, T are indicative. The bidder shall propose the best solutions:</p> <p>The specifications mentioned in 3.7.1, 3.7.2 - A, B, C, D, E, F, G, J, K, L, M, Q, R, S are minimum to be complied with. The bidder shall propose the best solutions:</p> | |
| 25 | 3.7.2 (M) Page no 58 | <p>Content should be register with Balbharati for all subject.</p> | <p>This point is deleted. Registration with Balbharti is not mandatory.</p> <p>Tender clause modified. Kindly refer the modified RFP document. 3.7.2 (M)</p> <p>Revised clause:</p> <ul style="list-style-type: none"> - They should be interactive, engaging & should cover topic wise each chapter that increases retention in the minds of the students. - They should make the blended education delivery easier for the teachers. - They shall contain grade specific lesson containing 2D/3D animations, quiz activities, interactivity sessions, etc. - Quiz content which shall allow the user to display quiz questions in between learning lessons and shall also allow creation/additions of any number of new questions spontaneously. - They should be simple and short to enable teacher to conduct Activity based learning (ABL) and blended lectures more effectively. | 59 |

| Sr. No | RFP reference | Existing RFP Clause | Revised clause | Modified RFP Page No |
|--------|---|---|--|--|
| 26 | 3.1 (4) Page no 25 | The lead bidder should be profitable and have positive Net Worth as on 31-03-2018 | <p>Kindly refer the modified RFP document.</p> <p>Tender clause modified as "The lead member should have positive network as on 31st March 2018.</p> <p>Revised clauses</p> <p>3.1 Pre-Qualification & Technical Qualification Criteria & Form 4</p> <p>The lead bidder should have positive Net Worth as on 31-03-2018</p> <p>3.3 Technical evaluation marking:</p> <p>The lead bidder should have an average Annual turnover of not less than Rs. 20 Cr for the last three financial years (as of 31-03-2018)</p> <p>For awarding marks, the turnover of either the lead member or any of the consortium member would be considered as follows:</p> <ul style="list-style-type: none"> • Rs. 20 Cr to Rs 80 Cr = 2 marks • Rs. 81 Cr to Rs 320 Cr = 4 marks • > Rs 320 Cr = 10 marks | 25, 28 |
| 27 | 2.3 Page No17 | The bidders are required to deposit the EMD online. | Rs.2.5 Lakhs to be paid online; rest amount to be paid vide BG. Pls see Corrigendum | 18 |
| 28 | 3.6.1 (IX) Page No39, 3.7.2 (P) 69 & 70 | BALA Concepts | These are 30 BALA concepts, minimum 2 per classroom, and minimum 10 in common areas. The details of the same are mentioned in the tender document. The exact concepts to be implemented will have to be proposed by the bidder, and during implementation discussed and approved by PCSCL/School Department . Pls refer to BALA guidelines published by Directorate of Education, Gol. | This query has been solved in clarification category |
| 29 | 3.10 Page no 84 | Service Level Requirements/Agreements | <p>The following condition has been added in clause 3.10</p> <p>Only delays related to making available the infrastructure by PCMC as mentiioned in RFP, clarifications or CSD will be attribuatble to PCMC or PCSCL. The proofs of delay due to PCMC or PCSCL shall have to be provided by the vendor for its consideration.</p> <p>For all other delays and failures, the SLAs as per RFP shall prevail. Kindly refer the modified RFP document.</p> | 83 |
| 30 | 3.9 Page no 83 | No existing Clause | <p>The liability of the vendor will be limited to the total contract value. Related to this new clause has been added. Kindly refer the modified RFP document.</p> <p>New Clause:</p> <p>3.9 Payment and Delivery Milestones</p> <p>The following condition has been added to the terms & conditons:</p> <p>The liability of the vendor will be limited to the total contract value</p> <p>Neither party is liable for indirect or consequential losses or damages, lost profits or lost revenue in relation with the project.</p> | 80 |
| 31 | 3.8 Page No 79 | No existing Clause | <p>The following condition has been added:</p> <p>The 3 years period shall commence from the "go-live" of the last school going operational. The period for last school going operational shall be 3 months from the finalization of changes (if any), upon completion of pilot project in 13 schools.</p> | 80 |

| Sr. No | RFP reference | Existing RFP Clause | Revised clause | Modified RFP Page No |
|--------|---------------------|--|---|----------------------|
| 32 | 3.10 Page no 84 | <p>Service Level Requirements/Agreements: In case of failure to successfully develop/install and commission the hardware, software, content, and teachers as per the timelines mentioned, a penalty of 1% of the contract value per week for each calendar week delay or part thereof shall be levied subject to a maximum of 10% of the total project cost</p> <p>For delay in Go-live In case of failure to successfully develop/install and commission the content as per the timelines mentioned, a penalty of 1% of the contract value per week for each calendar week delay or part thereof shall be levied subject to a maximum of 10% of the total project cost. However, cumulative delay beyond 10 weeks will be sufficient to cause for termination of the contract. In which case the Performance Bank Guarantee of the bidder may be forfeited.</p> | <p>3.10 Service Level Requirements/ Agreements:</p> <p>For delay in Go-live In case of failure to successfully develop/install and commission the hardware, software, content, and teachers as per the timelines mentioned, a penalty of 0.1% of the contract value per week for each calendar week delay or part thereof shall be levied subject to a maximum of 10% of the total project cost. However, cumulative delay beyond 10 weeks will be sufficient to cause for termination of the contract. In which case the Performance Bank Guarantee of the bidder may be forfeited</p> | 83 |
| 33 | 4.4 Page no 84 | <p>Performance Guarantee The successful SI shall at his own expense, deposit with the Department, within fifteen (15) working days of the date of notice of Award of the Contract or prior to signing of the contract, whichever is earlier, an unconditional and irrevocable Bank Guarantee (BG) from a Nationalized bank acceptable to the Department, payable on demand (In Pune), for the due performance and fulfilment of the contract by the successful SI (Please Refer Annexure III). The performance guarantee can be in the form of BG / FD / DD.</p> <p>b) This Bank Guarantee will be for an amount equivalent to 5 percent of the complete contract value. All charges whatsoever such as premium, commission, etc., with respect to the Performance Guarantee shall be borne by the successful SI.</p> | <p>The clause has been revised as Performance Guarantee The successful SI shall at his own expense, deposit with the Department, within twenty one (21) working days of the date of notice of Award of the Contract or prior to signing of the contract, whichever is earlier, an unconditional and irrevocable Bank Guarantee (BG) from a Nationalized bank acceptable to the Department, payable on demand (In Pune), for the due performance and fulfilment of the contract by the successful SI (Please Refer Annexure III). The performance guarantee can be in the form of BG / FD / DD.</p> <p>b) This Bank Guarantee will be for an amount equivalent to 5 percent of the complete contract value. All charges whatsoever such as premium, commission, etc., with respect to the Performance Guarantee shall be borne by the successful SI.</p> | 85 |
| 34 | 3.3 Page no 31 | <p>The lead bidder or the consortium partner (any member of the consortium) should have executed / executing projects involving provisioning of IT hardware or educational e-learning software ,Online MIS Dashboard with educational services like teacher training,multimedia content at-least 60 Government schools in last 5 years Marks would be awarded as follows:</p> <ul style="list-style-type: none"> • 60 to 240 schools = 1 mark • 240 to 960 schools = 3 marks • > 960 schools = 5 marks | <p>The lead bidder or the consortium partner (any member of the consortium) should have executed / executing projects involving provisioning of IT hardware or educational e-learning software ,Online MIS Dashboard with educational services like teacher training,multimedia content at-least 60 Government schools/Private Schools in last 5 years Marks would be awarded as follows:</p> <ul style="list-style-type: none"> • 60 to 240 schools = 1 mark • 240 to 960 schools = 3 marks • > 960 schools = 5 marks | 28 |
| 35 | 3.3 (11) Page no 32 | <p>3.3 (11) Proposal Presentation cum Demo The bidder to present on understanding of the project objectives and give demo on the following points</p> <ul style="list-style-type: none"> • Project Execution Strategy • E-Learning platform ease of use and innovative features for enhancing classroom pedagogy for technology-based education. • Equipment's with low carbon foot print, ease of use for teachers and functionality • Classroom Digital Learning data Analytics • Artificial Intelligence (A.I) based Educational Analytics for classroom • Any unique propositions | <p>The bidder to present on understanding of the project objectives and give demo on the following points</p> <ul style="list-style-type: none"> • Project Execution Strategy • E-Learning platform ease of use and innovative features for enhancing classroom pedagogy for technology-based education. • Analytics and reporting modules • User friendly and ergonomics • Equipment's with low carbon foot print, ease of use for teachers and functionality • Classroom Digital Learning data Analytics • Artificial Intelligence (A.I) based Educational Analytics for classroom • Any unique propositions | 32 |

| Sr. No | RFP reference | Existing RFP Clause | Revised clause | Modified RFP Page No |
|--------|--------------------------|--|---|----------------------|
| 36 | 1.3 Page no 14 | 6 schools will be taken up as pilot project (Phase I) and learning from its operation will be used during scaling up for rest of the 117 schools. The details of the 6 schools are mentioned below; PRIMARY Pimple Gurav No 54 Primary Shevantabai Jagtap, Vaiduwasti, No 58 Mehetre Vasti HIGH SCHOOL Pimple Gurav High school Pimple Saudagar High school | 13 schools will be taken up as pilot project (Phase I) and learning from its operation will be used during scaling up for rest of the 117 schools. The details of the 13 schools is mentioned below: PRIMARY 1. Pimple Gurav No 54 Primary 2. Shevantabai Jagtap, Vaiduwasti, No 58 3. Pimple Saudagar No 51 4. Mehetre Vasti 5. Chikhali village school (9091) 6. Talawde school 7. Madhukar Powle Sector 22 8. Jadhavwadi (87) 9. Kudalwadi school 10. Swami Vivekanand Primary Vidyamandir, Kalbhor Nagar (A-09) HIGH SCHOOL 11. Pimple Gurav High school 12. Pimple Saudagar High school 13. Sopanrao Vishnu Kalbhor Secondary school, Kalbhor nagar | 14 |
| 37 | 3.6.1 (III) Page no 39 | No existing Clause | 3.6.1 III - Digital learning e-contents for Acedamics - In case of any legal issues/ implications that arise out of the content, its correctness, validity, etc., it shall be the responsibility of the vendor. The vendor shall indemnify and keep PCMC, School Dept and PCSCCL indemnified at all times regarding any issues related to the content. | 37 |
| 38 | 3.6.1 (XII) Page no 43 | No existing Clause | 3.6.1 Other services Successful bidder shall ensure controlled use of internet and display unit. The internet shall be used only for educational purposes only. The responsibility of controlled use of internet and display unit shall be that of the Successful bidder only. In case the location of the school is shifted, the vendor shall at its own cost and risk, ensure that the e-classroom project including the networking shall be shifted to the new location for up to 3 such relocations. For any further relocation, PCMC/ PCSCCL shall pay based on the rates discovered through BoQ. The lumpsum cost for relocation shall be mentioned as a separate line item in the financial quote. | 41 |
| 39 | 2.6 (a) Page No 22 | The STEM Lab vendor selected by the prime bidder must have experience of implementing minimum 150+ similar lab in India. | The STEM Lab vendor selected by the prime bidder must have experience of implementing minimum 50+ similar lab in India. | 19 |
| 40 | 3.7.1 (Notes) Page No 45 | No existing Clause | The bidder shall procure required licenses/Permits for all the installed hardware & software. | 44 |



PIMPRI CHINCHWAD SMART CITY LIMITED (PCSCCL)

REQUEST FOR PROPOSAL (modified)

(e-Tender)

**Selection of Bidder for Municipal e-Classrooms and School Learning
& Resource Improvement Program (SLRIP) at 123 PCMC Municipal
Schools**

Tender No. 9/2018

Office of **the Chief Executive Officer,**
PIMPRI CHINCHWAD SMART CITY LIMITED (PCSCCL)
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DISCLAIMER

Pimpri Chinchwad Smart City Limited (PCSCCL) has been selected to implement the Area Based Development (ABD) and pan-city projects by Government of India under Smart City Mission. Pimpri Chinchwad proposes smart solutions in ABD and cross pan-city providing various smart feature/infrastructure. PCSCCL has prepared this Request for Proposals for **“Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools”**. This RFP is a detailed document which specifies terms and conditions on which the bidder is expected to work. PCSCCL has taken due care in preparation of information contained herein and believes it to be accurate. However, neither PCSCCL or any of its authorities or agencies nor any of their respective officers employees, agents, or advisors give any warranty or make any representations, express or implied as to the completeness or accuracy of the information contained in this document or any information which may be provided in connection or arising out of it. The information provided in this document is to assist the bidder(s) preparing their proposals. However, this information is not intended to be exhaustive, and interested parties are expected to make their own inquiries to supplement and verify information in this document. The information is provided on the basis that it is non-binding on PCSCCL or any of its authorities or agencies, or any of their respective officers, employees, agents, or advisors. Each bidder is advised to consider the RFP as per its understanding and capacity. The bidders are also advised to do appropriate examination, enquiry and scrutiny of all aspects mentioned in the RFP before bidding. The bidders are encouraged to take professional help of experts on financial, legal, technical, taxation, and any other matters/ sectors appearing in the document or specified work. The bidders should go through the RFP in detail and bring to notice of PCSCCL any kind of error, misprint, inaccuracy or omission.

PCSCCL reserves the right not to proceed with the project, to alter the timeline reflected in this document, or to change the process or procedure to be applied. It also reserves the right to decline to discuss the project further with any party submitting a proposal. No reimbursement of cost of any type will be paid to persons, entities, or consortiums submitting a proposal by under or pursuant under this RFP

The bidder shall bear all its costs associated with or relating to the preparation and submission of its proposal including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by PCSCCL or any other costs incurred in connection with or relating to its proposal. All such costs and expenses will remain

with the bidder and PCSCL shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a bidder in preparation or submission of the proposal, regardless of the conduct or outcome of the Selection Process.

Request for Proposal



Pimpri Chinchwad Smart City Limited (PCSCCL)

Request for Proposal (RFP) for Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools



TENDER No. 9/ 2018

Pimpri Chinchwad Smart City Limited (PCSCCL) intends to appointment a bidder for implementation of Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools. The successful bidder will be selected based on Quality Cost Based Selection (QCBS) by PCSCCL after evaluating both Technical and Financial Criterion.

The bid submission procedure, applicant experience and the selection methodology are available in the Request for Proposal (RFP) document. PCSCCL thereof invites bids from firms having experience as envisaged in the Request for Proposal (RFP) document. Interested Bidders may download the RFP document from the website <https://mahatenders.gov.in> from 6/11/2018, 3.00 pm onwards.

| No | Name of Work | Proposal Document Fee (Rs.) | EMD (Rs.) |
|----|--|--------------------------------|----------------|
| 1 | Request for Proposal (RFP) for Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools | Rs 28,000/- (Including GST) | Rs 43,00,000/- |

Rights to reject any or all tenders without assigning any reasons thereof are reserved by CEO, PCSCCL and whose decision will be final and legally binding on all the Bidders.

Sd/-
Director & CEO, PCSCCL
and
Municipal Commissioner, PCMC

PCSCCL/01/79/2018

Date: 5/11/2018

Advertisement No.365

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Glossary

| Abbreviation | Description |
|--------------|---|
| PCMC | Pimpri Chinchwad Municipal Corporation |
| PCSCL | Pimpri Chinchwad Smart City Limited |
| CEO | Chief Executive Officer |
| CFO | Chief Finance Officer |
| SI | System Integrator/Bidder |
| SLA | Service Level Agreement |
| DTP | Directorate of Town Planning |
| EMD | Earnest Money Deposit |
| PBG | Performance Bank Guarantee |
| RFP | Request For Proposal |
| CV | Curriculum Vitae |
| INR, Re, Rs. | Indian Rupee(s) |
| LOA | Letter of Award |
| PPP | Public Private Partnership |
| STEM | Science, Technology, Engineering and Mathematics, |
| BALA | Building as Learning Aid |
| SPOC | Single Point of Contact |
| ALP | Adaptive Learning Platform |
| ELT | English Language Training |
| MIS | Management Information System |
| ICT | Information Communications and Technology |
| CAL | Computer Aided Learning |
| UAT | User Acceptance Test |

Section: 1
Invitation for Proposal

1. Invitation for Proposal

- 1) Pimpri Chinchwad Smart City Limited (PCSCCL), Pimpri hereby invites Proposals for **“Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools”**. Bidders are advised to study this RFP document carefully before submitting their proposals in response to the RFP Notice. Submission of a proposal in response to this notice shall be deemed to have been done after careful study and examination of this document with full understanding of its terms, conditions and implications.
- 2) PCMC has adopted a two stage process (referred to as the "Bidding Process") for selecting Bidders for the award of the Project through the e-tendering system. The Bidding Process shall comprise of two steps, the first relating to qualification of the Bidder and the second relating to the Commercial Proposal of the Bidder. The Bidder shall pay to PCMC a sum of Rs. 28,000/- (Rupees Twenty Seven Thousand Five Hundred Only) as the cost of the RFP document through the e-tendering system of PCMC.
- 3) As part of the Bidding Process, the Bidders are being called upon to submit their Bids through the e-tendering system of PCMC in accordance with the terms specified in the Bidding Documents. Registered Bidders should submit their offer by the way of E-Tendering System only. The official will guide the interested Bidder to document the authorization process & to obtain the Registration Key.
- 4) Notes about e-tendering:
 - a. All eligible interested Bidders, who want to participate in e-tendering process should get enrolled on official website of Maha e-tenders. (<https://mahatenders.gov.in>)
 - b. Bidder shall contact, for details or any difficulties in submission of online tenders, if any, the Joint CEO of the SPV, PCSCCL
 - c. It is compulsory for all participants to submit all documents online. If any of the documents of the Technical Bids is not accepted by the e-tendering system, then the complete set of the technical bid shall be submitted to the CEO, PCSCCL by placing it in a sealed envelope on or before the Bid Due Date. However, the financial bids shall be submitted only through the online e-tendering system.
 - d. It is compulsory to submit cost of Tender Form Fee and Earnest Money deposit only in the form of Online Payment. Detailed terms and conditions are displayed on the portal.

- 5) Right to reject any or all online bids of work without assigning any reasons thereof are reserved with PCSCCL.

1.1. Key Events and Dates

| Sr. No. | Information | Details |
|----------------|---|--|
| 1. | RFP No. and Publication Date | 9/2018 6/11/2018 |
| 2. | Last date for submission of written queries for clarifications | 22/11/2018 (17:45 hrs via e-mail/hard copy) |
| 3. | Date of pre-bid conference | 26/11/2018 at 11.30 am at Commissioner Office, 4 th floor, Main Building, Pimpri Chinchwad Municipal Corporation |
| 4. | Bid validity period | 120 days from the last date for submission of proposals |
| 5. | Last date (deadline) for submission of bids | 15/ 12 /2018 before 15:00 hrs. |
| 6. | Opening of Technical Bids | On Proposal Due Date at 15:30 hrs. |
| 7. | Technical Presentation by the Bidders | Shall be intimated later |
| 8. | Place, Time and Date of opening of Financial proposals received in response to the RFP notice | Shall be intimated later |
| 9. | Contact person for queries | Joint Chief Executive Officer, Pimpri-Chinchwad Smart City (PCSCCL), Pimpri Chinchwad Municipal Corporation, Mumbai-Pune Road, Pimpri, Pune-411018, Maharashtra, INDIA Email: smartcity@pcmcindia.gov.in |
| 10. | Earnest Money Deposit (EMD) – Online | INR 43,00,000/- |
| 11. | Tender Fee | INR 28,000/- (including GST) |

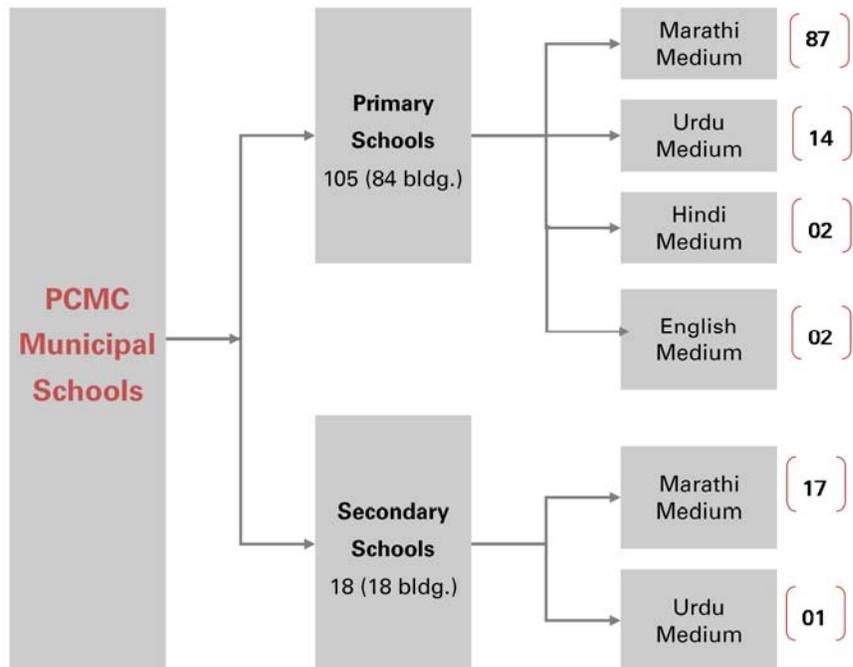
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| Sr. No. | Information | Details |
|---------|---|--|
| 12. | Last date for furnishing Performance Security to PCSCL, Pune (By successful bidder) | Within 15 days of Award |
| 13. | Performance Bank Guarantee | 5% of the contract value |
| 14. | Performance Bank Guarantee (PBG) validity period | 3 Months post expiry of the contract period. |
| 15. | Last date for signing contract | Within 15 days of Award |

1.2. Background

Pimpri Chinchwad is a modern twin city, situated South-East of Mumbai and in the North-West quadrant of Pune. Pimpri-Chinchwad also happens to be the fifth-most populated city of Maharashtra and has long been famous for being one of the most prominent industrial destinations outside Mumbai.

The twin city (Pimpri Chinchwad) is governed by the Pimpri Chinchwad Municipal Corporation (PCMC). Pimpri Chinchwad Council was formed on 4 March 1970 covering area of about 87 sq. km which later on was established as Municipal Corporation in 1982, which now covers an area of about 181 square kilometers. As per 2011 census population of Pimpri Chinchwad is 17, 29,000 souls growing at a rate of 6% annually, with a national average of 2.1%. The city is located on the Deccan Plateau and is surrounded by hills. It is situated 530 m above the mean sea level. Pavna River traverses the city, while the Indrayani River flows through the north-western outskirts and Mula River on south side, forms a boundary of Pune and Pimpri Chinchwad Cities. There are approximately 123 schools under PCMC and distribution of the schools is shown in the figure below:



1.3. About Pimpri Chinchwad Smart City Limited

Under Government of India (GoI) Smart Cities Project, the Pimpri-Chinchwad Smart City Limited (the “Authority”), a Special Purpose Vehicle (SPV) for Pimpri-Chinchwad Smart City Project has been established as a company under the Indian Companies Act 2013. The Authority would receive funding from Government of India (GoI) and Government of Maharashtra (GoM, state government) for the development of smart city in Pimpri-Chinchwad and proposes to use a part of this funding for the said assignment. The Authority is a government-owned company with equal shareholding from Pimpri-Chinchwad Municipal Corporation and the state government.

Pimpri Chinchwad Smart City Limited (henceforth referred to as “PCSCCL”) has been selected by Government of India under Smart City Mission to implement the Area Based Development (ABD) and pan-city projects. PCSCCL proposes smart solutions in ABD and cross pan-city providing various smart feature/infrastructure. PCSCCL has prepared this Request for Proposal for **“Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools”**.

PCSCCL intends to set up e-classrooms and other interventions in 123 schools with the objective of increasing the learning among the students. The use of technology solutions to aid classroom delivery of quality education will help in attracting more students for the affordable education provided in municipal schools. 13 schools will be taken up as pilot project (Phase I) and learning from its operation will be used during scaling up for rest of the 110 schools. The details of the 13 schools are mentioned below;

| S N | School Details |
|----------------|---------------------------------------|
| PRIMARY | |
| 1 | Pimple Gurav No 54 Primary |
| 2 | Shevantabai Jagtap, Vaiduwasti, No 58 |
| 3 | Pimple Saudagar No 51 |
| 4 | Mehetre Vasti |
| 5 | Chikhali village school (9091) |
| 6 | Talawde school |
| 7 | Madhukar Pande Sector 22 |
| 8 | Jadhavwadi (87) |

Request for Proposal

| | |
|--------------------|--|
| 9 | Kudalwadi school |
| 10 | Swami Vivekanand Primary Vidyamandir, Kalbhor Nagar (A-09) |
| HIGH SCHOOL | |
| 11 | Pimple Gurav High school |
| 12 | Pimple Saudagar High school |
| 13 | Sopanrao Vishnu Kalbhor Secondary school, Kalbhor nagar |

The bidder is required to do AS-IS study of the existing interventions across the schools of PCMC before submitting their proposal. Bidder should also ensure that the existing infrastructure to be used wherever possible taking into consideration the warranty of the products/equipment.

It is proposed to appoint “Bidders/Vendors” to improve the learning environment of PCMC Schools through Public Private Partnership (PPP) model. Under this program the school would be equipped with a blend of teaching-learning resources, technology infrastructure, administrative support, infrastructural improvements and relevant capacity building initiatives for teachers and the school management.

Section: 2
Instructions to Bidder

2. Instructions to Bidder

2.1. Purpose

PCSCL intends to set up e-classrooms and other interventions in 123 schools with the objective of increasing the learning among the students. The use of technology solutions to aid classroom delivery of quality education will help in attracting more students for the affordable education provided in municipal schools. Students will compete at each level like sports, education, leadership, and culture etc.

The brief scope of work is as follows;

- a. Creating EdTech grade level interventions with provisioning of Smart Digital Classroom with e-learning platform for each division for every grade in a school,
- b. Creation of Computer Lab,
- c. Creation of STEM Lab,
- d. Capacity building for teacher,
- e. BALA,
- f. Project management activities,
- g. Helpdesk etc.

The detailed scope of work is provided in the subsequent section of this RFP document.

2.2. Cost of Proposal Document

The bidders are required to deposit the Proposal Document fees online. This RFP fee is non-refundable. The receipt of the same shall have to be uploaded during the online submission of bid document. The RFP document fee is non-transferable

2.3. Earnest Money Deposit (EMD)

The bidders are required to deposit the EMD online. The bidder should ensure that the payment of the EMD is made at least 3 working days prior to submission timeline to avoid any banking transfer delays and the receipt of the same should/must be uploaded during the online submission of bid document.

Total EMD amount is INR 43,00,000 (Fourty Three lakh only) and to be deposit as per below:

INR 40,50,000 (INR Fourty Lakh Fifty Thousand only) through e Procurement portal or by Bank Guarantee (as per format attached in Annexure 9)

INR 2,50,000 (INR Two Lakh Fifty Thousand only) through e - Procurement portal

- 1) The EMD shall be denominated in Indian Rupees (INR) only. No interest will be payable to the bidder on the amount of the EMD.
- 2) Bids submitted without EMD will be liable for rejection.
- 3) EMD of unsuccessful bidder shall be returned within 60 days from the date of opening of the financial bid.

- 4) EMD of successful bidder shall be returned within 60 days after award of contract.
- 5) EMD shall be non-transferable.
- 6) The EMD may be forfeited:
 - a) If a bidder withdraws his bid or increases his quoted prices during the period of bid validity or its extended period, if any.
 - b) If successful bidder fails to sign the Contract or to furnish Bank Guarantee within specified time in accordance with the format given in the RFP.
 - c) If during the bid process, bidder indulges in any such deliberate act as would jeopardise or unnecessarily delay the process of bid evaluation and finalisation. The decision of the CEO, PCSCL or any authorized person on his behalf, regarding forfeiture of the EMD shall be final and binding upon bidder.
 - d) If during the bid process, any information is found false/fraudulent/mala fide, then the PCSCL shall reject the bid and, if necessary, initiate appropriate action.

2.4. Authentication of Bid

- 1) Authorized person of the bidder who signs the bid shall obtain the authority letter from the bidder, which shall be submitted with the bid. All pages of the proposal and annexures, etc. shall be signed and stamped by the person or persons signing the bid.
- 2) Power of Attorney executed by the bidder in favour of the duly authorised representative, certifying him as an authorised signatory for the purpose of this bid.

2.5. Consortiums and Joint Ventures

The bidder for participation may be a single entity or a group of entities (consortium). A Consortium of up to three (3) partners is permissible i.e. lead bidder and two (2) additional partner. From here on, the term bidder will apply to both the single entity and consortium of entities.

In the event the bidder is a Consortium, it shall, comply with the following additional requirements:

- 1) The Lead bidder shall be authorized and shall be fully responsible for the accuracy and veracity of the representations and information submitted by the Consortium respectively from time to time in the response to this RFP.
- 2) The consortium must submit a MoU while responding to this RFP together with a Power of Attorney (PoA) for the lead bidder signed by the partner.
- 3) All members of the consortium are required to follow the highest level of work ethics. If any member of the consortium has a Conflict of Interest or indulges in Prohibited Practices; the whole Consortium is liable to be disqualified

2.6. Subcontracting

Subcontracting is not allowed for this RFP, except for any civil, STEM Lab & BALA works. However, the responsibility would be with the prime bidder.

- a) The STEM Lab vendor selected by the prime bidder must have experience of implementing minimum 50+ similar lab in India.
- b) The BALA works vendor selected by the prime bidder must have experience of doing 20 schools in India.

2.7. Completeness of Response

- 1) The bidders are advised to study all instructions, forms, terms, requirements and other information in the RFP documents carefully. Submission of bid shall be deemed to have been done after careful study and examination of the RFP document with full understanding of its implications and must be unconditional.
- 2) The response to this RFP should be full and complete in all respects. Failure to furnish any/all information required by the RFP document or submission of a proposal not substantially responsive to the RFP document in every respect will be at the bidder's risk and may result in rejection of its Proposal and forfeiture of the Bid EMD.

2.8. Proposal Preparation Costs

- 1) The bidder shall submit the bid at its cost and the PCSCCL shall not be held responsible for any cost incurred by the bidder. Submission of a bid does not entitle the bidder to claim any cost and rights over the PCSCCL and the PCSCCL shall be at liberty to cancel any or all bids without giving any reason.
- 2) All materials submitted by the bidder shall be the absolute property of the PCSCCL and no copyright /patent etc. shall be entertained by the PCSCCL.

2.9. Pre-bid Queries

The bidder shall send in their queries as prescribed in section 5. The response to the queries will be published on the website ***pcmcindia.gov.in*** and ***smartcitypimprichinchwad.in***. No telephonic queries will be entertained. This response of the PCSCCL shall become integral part of RFP document.

2.10. Amendment of RFP Document

- 1) All the amendments made in the document would be published at the aforementioned website and shall be part of the RFP.
- 2) The bidders are advised to visit the aforementioned website on regular basis for checking latest updates of this RFP document. The PCSCCL also reserves the right to amend the dates mentioned in this RFP for successful bid process.

2.11. Supplemental Information to the RFP

If PCSCCL deems it appropriate to revise any part of this RFP or to issue additional data to clarify an interpretation of provisions of this RFP, it may issue supplements to this RFP. Any such corrigendum shall be deemed to be incorporated by this reference into this RFP.

2.12. PCSCCL's Right to Terminate the Process

The PCSCCL may terminate the RFP process at any time and without assigning any reason and the PCSCCL shall not be held responsible for any cost incurred by the bidder in bid preparation. The PCSCCL reserves the right to amend/edit/add/delete any clause of this RFP. This will be informed to all and will become part of the RFP.

2.13. Language of Bids

This bid should be submitted in English language only. If any supporting documents are in any language other than English, translation of the same in

English language is to be duly attested by the bidder and submitted with the bid. English translation shall be validated at the PCSCL’s discretion.

2.14. Patent Claim

In the event of any claim asserted by a third party regarding infringement of copyright, patent, trademark or industrial design rights arising from the use of the goods or any part thereof, the bidder shall expeditiously extinguish such claim. If the bidder fails to comply and the PCSCL is required to pay compensation to a third party resulting from such infringement, the bidder shall be responsible for such compensation, including all expenses, court costs and lawyer fees. The PCSCL shall give notice to the successful bidder of any such claim and recover it from the bidder, if required.

2.15. Bid Submission Format

The entire proposal shall be submitted strictly as per the format specified in this Request for Proposal. Bids with deviation from this format are liable for rejection. All the documents uploaded during the bid submission are required to be in clear and legible format. In case the documents uploaded are not legible or in very low resolution making it illegible, the PCSCL reserves the right to seek clarification from the respective bidder who shall provide the same within a specified time frame mentioned in the request by the PCSCL.

2.16. Submission of Bids

Documents comprising the Bid separately

- 1) A two-folder system shall be followed for the bid for each Part separately:
 - a) Technical Bid (Folder 1): RFP Fee, EMD Details, Pre-Qualification Documents, Technical bid (including the credentials)
 - b) Financial Bid (Folder 2): Financial bid as per the format specified,

- 2) The bid shall include the following documents:

| S. N | Document Type | Document Format |
|--|-------------------|--|
| RFP Fee & EMD Details, Pre-Qualification Documents and Technical Documents – Folder 1 | | |
| a) | Pre-qualification | As specified in RFP document |
| b) | Technical Bid | As specified in RFP document |
| Financial Bid – Folder 2 | | |
| c) | Financial Bid | As specified in the e-tendering portal |

- 3) The bidder should ensure that all the required documents, as mentioned in this RFP / bidding document, are submitted along with the bid and in the prescribed format only. Non-submission of the any of the required documents or submission of the documents in a different format / content may lead to rejection of the bid proposal submitted by the bidder.

2.17. Disqualification

The proposal is liable to be disqualified in the following cases or in case the bidder fails to meet the bidding requirements as indicated in this RFP:

- 1) Proposal not submitted in accordance with the procedure and formats prescribed in this document or treated as a non-conforming proposal.
- 2) During validity of the proposal or its extended period, if any, the bidder increases the quoted prices.
- 3) The bidder submits a conditional proposal.
- 4) Proposal is received in incomplete form.
- 5) Proposal is not accompanied by all the requisite documents.
- 6) Proposal is not accompanied by the EMD / RFP Fee.
- 7) Non submission of valid exemption certificate, as applicable.
- 8) If the bidder provides quotation only for a part of the Project.
- 9) Information submitted in Technical Proposal is found to be misrepresented, incorrect or false, accidentally, unwittingly or otherwise, at any time during the processing of the Contract (no matter the stage) or during the tenure of the Contract including the extension period, if any.
- 10) Financial Proposal is enclosed with the Technical Proposal.
- 11) Bidder tries to influence the Proposal evaluation process by unlawful/corrupt/fraudulent means at any point of time during the bid process.
- 12) In case any bidder submits multiple proposals or if common interests are found in two or more bidders, the bidder are likely to be disqualified, unless additional proposals/bidder are withdrawn upon immediate notice .
- 13) Bidder fails to deposit the Performance Guarantee or fails to enter into a Contract within 15 Days of the date of issue of Letter of Intent or within such extended period, as may be specified by the PCSCCL.

- 14) While evaluating the Proposals, if it comes to the PCSCL's knowledge expressly or implied, that some bidder may have colluded in any manner whatsoever, or otherwise joined to form an alliance resulting in delaying the processing of proposal, the bidder so involved are liable to be disqualified for this Contract as well as for a further period as may be decided by the PCSCL.
- 15) If the Bid Security, Pre-qualification Proposal, Technical Proposal contains any information about price, pricing policy, pricing mechanism or any information indicative of the commercial aspects of the bid.

2.18. Bid Opening

- 1) Bidder should note that if RFP Fee & / EMD of any tenderer is not reflecting on e-Tendering portal on RFP opening date, the bid is liable for rejection without any justification.
- 2) Folder 1 containing Technical Documents shall be opened as per RFP schedule or its amendments. The bidder/ representatives of bidder can choose to attend at the address, date and time specified in the RFP.
- 3) Folder 2 containing the Financial Proposal will remain unopened till technical evaluation is conducted.
- 4) At the end of the evaluation of Technical Proposals, the technical committee shall forward its recommendations to the CEO, PCSCL for further evaluation.

2.19. Evaluation Process

2.19.1. Technical Committee

- 1) The Technical Committee constituted by the PCSCL shall evaluate the bids.
- 2) The Technical Committee shall evaluate the Technical and Financial proposal of the qualified bidder. The decision of the Technical Committee shall be final and binding upon all bidder.

Section: 3
Eligibility and Scope of Work

3. Eligibility & Scope of Work

3.1 Pre-Qualification & Technical Qualification Criteria (Folder 1)

The bidder shall fulfill all of the following eligibility criteria independently on date of submission of bid:

| S.No. | Description | Document to be submitted |
|-------|--|---|
| 1 | The lead bidder & consortium partner/s should be a Registered Company in India under the Companies Act, 1956 | <ul style="list-style-type: none"> • Certificate of Incorporation • GST Registration • Income tax registration • PF registration |
| 2 | The lead bidder should be registered and should have been in existence In India for a minimum period of 5 years | <ul style="list-style-type: none"> • Certificate of Incorporation |
| 3 | The lead bidder should have an average Annual turnover of not less than Rs. 20 Cr for the last three financial years (as of 31-03-2018) | <ul style="list-style-type: none"> • Certificate from the statutory auditor on his letter head confirming annual turnover for each of the last 3 years, net profit and average annual turnover over the past three financial years |
| 4 | The lead bidder should have positive Net Worth as on 31-03-2018 | <ul style="list-style-type: none"> • Certificate from the statutory auditor on his letter head confirming net worth as on 31-03-2018 |
| 5 | The lead bidder should have experience of working in the IT/ITES/ Education sector for a min. of 5 years as on bid submission date | <ul style="list-style-type: none"> • Work Order Copies for orders sourced in the last 5 years |
| 6 | The lead bidder or the consortium partner should have executed / executing projects provisioning of involving IT hardware or educational e-learning software, Online MIS Dashboard with educational services | <ul style="list-style-type: none"> • Work Order Copies for orders sourced in the last 5 years |

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| S.No. | Description | Document to be submitted |
|-------|---|--|
| | like teacher training, multimedia content, project monitoring in at-least 60 Government/ Private schools in last 5 years | |
| 7 | <p>The lead bidder or the consortium partner should have experience in at least 2 of the below mentioned interventions in any Government/ Private schools in last 5 years;</p> <p>a) E-Learning content development and deployment b) Digital education c) Teacher capacity building and mentoring d) English Lab OR English Language Training Content experience e) Robotics/STEM lab experience</p> | <ul style="list-style-type: none"> • Work Order Copies for orders sourced in the last 5 years. |
| 8 | <p>The lead bidder or the consortium partner should have 20 professionals (teacher training, mentoring, instructional design, developing multimedia content, technology) on its rolls</p> | <ul style="list-style-type: none"> • A self-declaration or Certificate issued by Company's HR/Company Secretary of the company mentioning name of the employee, educational qualification, and area of expertise to be submitted. |
| 9 | <p>The lead bidder must possess valid certifications on ISO 9001:2015/ISO 20000-1:2011/CMMI 3</p> | <ul style="list-style-type: none"> • Copy of valid certificates |
| 10 | <p>The lead bidder should have direct authorization from the Original Equipment Manufacturer (OEM) for selling and supporting the components/products</p> | <ul style="list-style-type: none"> • Manufacturer Authorization Form (MAF) on the letter head of OEM duly signed and stamped for all the components/products |

| S.No. | Description | Document to be submitted |
|-------|---|--|
| 11 | The lead bidder and consortium partner/s should not have been blacklisted by any of the State/Central Government or organizations of the State/Central Government in India in the past three years. | <ul style="list-style-type: none"> Self-Declaration in this regard by the authorized signatory of the lead bidder and/or consortium partner as per the format |

3.2 Process of Evaluation

- 1) Bidder shall be evaluated as per the Pre-Qualification Criteria and Technical Qualification Criteria.
- 2) Bidder who fulfil Pre-Qualification Criteria will be evaluated as per the Technical Evaluation Marking Scheme
- 3) Amongst the bidder who are considered eligible for financial evaluation, the bidder scoring the highest Composite Score (the technical evaluation marks shall be given 80% weightage and commercial evaluation marks shall be given 20% weightage to arrive at the Composite Score) will be awarded the work as successful bidder at the discretion of PCSCL.
- 4) At any time during the bid evaluation process, the Committee may seek written clarifications from the bidder. The Committee may seek inputs from their professional and technical experts in the evaluation process.
- 5) The Bid Evaluation Committee reserves the right to accept or reject any or all bids without giving any reasons thereof.
- 6) In case of Single Bid, PCSCL reserves the right to accept or reject the bid on approval of competent authority at its discretion.

3.3 Technical Evaluation Marking

| S No. | Criteria | Documents Required | Maximum Marks |
|----------|--|--|---------------|
| 1 | Financial Turnover | | 10 |
| | <p>The lead bidder should have an average Annual turnover of not less than Rs. 20 Cr for the last three financial years (as of 31-03-2018)</p> <p>For awarding marks, the turnover of either the lead member or any of the consortium member would be considered as follows::</p> <ul style="list-style-type: none"> • Rs. 20 Cr to Rs 80 Cr = 2 marks • Rs. 81 Cr to Rs 320 Cr = 4 marks • > Rs 320 Cr = 10 marks | <p>Certificate from the statutory auditor on his letter head confirming annual turnover for each of the last 3 years, net profit and average annual turnover over the past three financial years</p> | 10 |
| 2 | Years of experience | | 5 |
| | <p>The lead bidder should have experience of working in the IT/ITES/ Education sector for a min. of 5 years as on bid submission date.</p> <p>Marks would be awarded as follows:</p> <ul style="list-style-type: none"> • 5 years = 1 mark • 5 years to 10 years = 3 marks • > 10 years = 5 marks | <p>Work Order Copies for orders sourced in to be able to determine the years of criteria</p> | 5 |
| 3 | Experience in Education | | 10 |
| | <p>The lead bidder or the consortium partner (any member of the consortium) should have executed / executing projects involving provisioning of IT hardware or educational e-learning software ,Online MIS Dashboard with educational services like teacher training, multimedia content at-least 60</p> | <p>Copy of LOI / LOA/ WO / Agreement / Client reference letter /certificate</p> | 5 |

Request for Proposal

| S No. | Criteria | Documents Required | Maximum Marks |
|--------------|---|--|----------------------|
| | <p>Government /Private schools in last 5 years</p> <p>Marks would be awarded as follows:</p> <ul style="list-style-type: none"> • 60 to 240 schools = 1 mark • 240 to 960 schools = 3 marks • > 960 schools = 5 marks | | |
| | <p>The lead bidder or the consortium partner should have experience in at least 2 of the below mentioned interventions in any Government/Private schools in last 5 years;</p> <ul style="list-style-type: none"> a) E-Learning content development and deployment b) Digital education c) Teacher capacity building and mentoring d) English lab experience e) STEM/ Robotics lab experience <p>Marks would be awarded as follows:</p> <ul style="list-style-type: none"> • 2 Interventions = 2 marks • 4 Interventions = 4 marks • 5 Interventions = 5 marks | <p>Copy of LOI / LOA/ WO / Agreement / Client reference letter /certificate</p> | 5 |
| 4 | English Labs Experience | | 10 |
| | <p>The lead bidder or the consortium partner (any member of the consortium) should have experience in implementation of English labs OR English Training Content.</p> <p>Marks would be awarded as follows:</p> <ul style="list-style-type: none"> • Content characteristics (of randomly sampled content during evaluation stage) <ul style="list-style-type: none"> ○ Video annotations = 1 mark ○ Video resolution =1 mark ○ Narration clarity =1 mark | <p>Signed undertaking by the service provider covering the points mentioned in the criteria</p> <p>Random sampling by evaluation committee</p> | 10 |

Request for Proposal

| S No. | Criteria | Documents Required | Maximum Marks |
|--------------|--|---|----------------------|
| | <ul style="list-style-type: none"> ○ Concept explanation = 2 marks ● Others <ul style="list-style-type: none"> ○ Quality of dashboards = 1 mark ○ Quality of trainer manuals = 0.5 marks ○ Ease of use and functionality of software/ application provided – pairing of students, group discussions, teacher view and controls, student audio panel, system set up, simultaneous log in, etc. = 2.5 marks ○ Nature of language learning activities provided = 1 mark | | |
| 5 | STEM or Robotics Labs Experience | | 5 |
| | <ul style="list-style-type: none"> ● The lead bidder or the consortium partner (any member of the consortium) should have experience in implementation of either STEM or Robotics labs. <p>Marks would be awarded as follows: 2 Projects = 2 marks 4 Projects = 4 marks 5 Projects = 5 marks</p> | Copy of LOI / LOA/ WO / Agreement / Client reference letter /certificate | 5 |
| 6 | Manpower | | 5 |
| | The lead bidder or the consortium partner (any member of the consortium) should have 20 professionals (teacher training, mentoring, instructional design, developing multi-media content, technology) on its rolls | A self-declaration or Certificate issued by Company's HR/Company Secretary of the company | 5 |

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| S No. | Criteria | Documents Required | Maximum Marks |
|--------------|---|--|----------------------|
| | <p>Marks would be awarded as follows:</p> <ul style="list-style-type: none"> • 20 – 80 Manpower = 1 mark • 80 – 150 Manpower = 3 marks • > 150 Manpower = 5 marks | <p>mentioning name of the employee, educational qualification, and area of expertise to be submitted</p> | |
| 7 | Certification | | 5 |
| | <p>The lead bidder must possess valid certifications on ISO 9001:2015/ISO 20000-1:2011/CMMI 3</p> <p>Marks would be awarded as follows:</p> <ul style="list-style-type: none"> • ISO 9001:2015 = 1 mark • ISO 20000-1:2011 = 3 marks • CMMI 3 = 5 marks | <p>Copy of valid certificates</p> | 5 |
| 8 | Capacity building of teachers | | 10 |
| | <p>The lead bidder or the consortium partner (any member of the consortium) should have experience of capacity building of teachers</p> <p>Marks would be awarded as follows:</p> <ul style="list-style-type: none"> • 60-120 Teachers = 2 Marks • 120-240 Teacher = 5 Marks • >240 Teachers = 10 Marks | <p>Client references, Training plan, sample certificates issue to trainees and profile of trainers</p> | 10 |
| 9 | Technical Compliance | | 10 |
| | <p>Compliance to the requirement (functional/technical) mentioned for the particulars mentioned in the bill of material at Section 3.7.2</p> <p>Marks would be awarded as follows:</p> <ul style="list-style-type: none"> • Non Compliance = 0 Marks • 100% Compliance = 10 Marks | | 10 |
| 10 | Digital Content | | 10 |

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| S No. | Criteria | Documents Required | Maximum Marks |
|----------------------|---|------------------------------|----------------------|
| | <ul style="list-style-type: none"> • Content characteristics (of randomly sampled content during evaluation stage) <ul style="list-style-type: none"> o Video annotations = 1 mark o Video resolution =1 mark o Narration clarity =1 mark o Concept explanation = 2 marks o Additional content provided for Concept explanation = 5 marks | | |
| 11 | Proposal Presentation cum Demo | | 20 |
| | The bidder to present on understanding of the project objectives and give demo on the following points <ul style="list-style-type: none"> • Project Execution Strategy • E-Learning platform ease of use and innovative features for enhancing classroom pedagogy for technology-based education. • Analytics and reporting modules • User friendly and ergonomics • Equipment's with low carbon foot print, ease of use for teachers and functionality • Classroom Digital Learning data Analytics • Artificial Intelligence (A.I) based Educational Analytics for classroom • Any unique propositions | Proposal presentation & Demo | 20 |
| Maximum Marks | | | 100 |

Proof of concept

- The bidder shall be asked to give a demonstration for the respective area of work that they are bidding for. Sample content will be chosen randomly for evaluation by the RFP evaluation committee in case applicable

3.4 Technical Score:

The Technical Marks will be awarded as per the evaluation methodology described in the technical evaluation marking scheme.

3.4.1 Relative Technical Score: (T)

The relative technical score will be calculated as per the below formula

$$T = \text{Technical score} \times 0.8$$

3.4.2 Financial Score: (C)

The lowest evaluated financial proposal is given the maximum commercial score (C) of 100; the financial scores of the other bidders will be evaluated on a pro-rata basis as illustrated:

$$\text{'C' of the respective bidder} = \frac{\text{Lowest offer quoted amongst all bidder}}{\text{Offer quoted by the respective bidder}} \times 100$$

If there is a discrepancy between words and figures, PCSCCL Decision will be final on which amount to be considered. For any other calculation/ summation error etc. the bid may be rejected.

3.4.3 Composite Score of the S

- 1) The Relative Technical Score (T) and Relative Financial Score (C) secured by each bidder will be considered for computing the Final Composite Bid Score.
- 2) The bidder securing the highest Composite Bid Score will be adjudicated as the most responsive bidder for award of the project.
- 3) The overall score will be calculated as follows:

$$S = T + (C \times 0.2)$$

Where,

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- S = Final Composite Bid Score
 T = Relative Technical Score of the qualifying bidder
 C = Total Relative Financial Score of the qualifying bidder

Sample Calculation:

| Evaluation Parameter | Bidder A | Bidder B | Bidder C | Bidder D |
|---|------------------------------|----------------------------|-----------------------|------------------------------|
| Technical Score | 72 | 80 | 75 | 89 |
| Relative Technical Score (T) | $72 * 0.8 = 57.6$ | $80 * 0.8 = 64$ | $75 * 0.8 = 60$ | $89 * 0.8 = 71.2$ |
| Financial Quotation (in lacs) | 16 | 11.5 | 11 | 15 |
| Relative Financial Score (C) | $11 / 16 * 100 = 68.75$ | $11 / 11.5 * 100 = 95.65$ | 100 | $11 / 15 * 100 = 73.33$ |
| Composite Score S = [T + C* 0.2] | $57.6 + 68.75 * 0.2 = 71.35$ | $64 + 95.65 * 0.2 = 83.13$ | $60 + 100 * 0.2 = 80$ | $71.2 + 73.33 * 0.2 = 85.86$ |
| NOTE: Bidder with highest Composite Score will be awarded the Work Order | | | | |

- 1) The preferred bidder shall be the one securing the highest Final Composite Score.
- 2) In the event of two or more bidder securing exactly the same Composite Score, then PCSCL reserves the right to:
 - i. Declare the bidder whose Technical Score is highest, among the bidders who have secured exactly the same Composite Score as preferred bidder, or
 - ii. Invite fresh financial proposals from these bidder having same Composite Scores and evaluating these financial proposals, or
 - iii. Adopt any other method as decided by PCSCL.
- 3) PCSCL reserves the right to confirm the preferred bidder as successful bidder subject to negotiations and approval of competent authority.

3.5 Signing of Contract

The successful bidder shall enter into contract agreement for with the Department within the time frame mentioned in the award letter. The Draft Agreement format is placed at annexures in Section 5

3.6 Scope of Work

3.6.1 Interventions

The bidder is required to work on the below mentioned interventions, summary is mentioned below and overview of the different components is mentioned in the subsequent section;

| Interventions |
|--|
| Smart Digital Classroom with Video Recording & A.I. Capabilities |
| Computer Lab (Low on e-Waste and Power consumption) |
| STEM Lab |
| Robotics Lab |
| BALA |
| Capacity Building of Teachers & Head Masters |
| Deployment of expert facilitators |
| Project Management Services |
| Helpdesk |

I. **Computer Lab:**

Technology-based learning solutions provide a simulative learning environment that makes education interactive and enriching. The IT Based Education Solution program creates an environment, where learning and assessment is fun and the opportunities to learn is equitable among the rural and urban children. The main objective of the program is to attract the children, retain them in the schools and to improve the quality of the education through animated multimedia based educational content and also to enhance the quality of learning by making “Learning Play”, “Assessment Fun” and “Equal knowledge for all”. It is proposed to gradually integrate technology classrooms in the school to improve student retention and teacher effectiveness. Under this the following aspects will be covered:

- **Computers:** A connected modern digital lab will be set up (in the identified schools) equipped with innovative computing device and other relevant hardware/software to impart Technology enabled learning as well as English and Computer skills and training for students and teachers
- **Networking & Electrical Work:** The bidder shall have to complete the electrical and networking in the room as preparatory activity for setting up of the ICT lab at each of the locations.

The bidder has to undertake electrical wiring (of ISI marked & branded) for all electrical and IT equipment like Computing devices, networking, UPS etc.

in the Computer Lab.. The bidder is required to provide internal electric wiring and sufficient power point fittings (All equipment / appliances /fittings should be ISI/ISO certified). The necessary networking in the room connecting all devices shall be done by the bidder.

- Furniture: The bidder shall have to provide the following furniture items as a part of the setting up of computer lab:
 - Computer Tables
 - Chairs for students

II. **Smart Class with Video Recording and Artificial Intelligence Analytics:**

To simplify the way technology is used in the classroom, a compact, simple digital display unit along with computing device would be placed in every grade of the schools to enable smart digital classroom. Ease to use will motivate even the teachers who are not comfortable using technology in the classroom to easily embrace digital teaching and learning environment.

Artificial Intelligence (A.I) technologies is capable of imparting quality education of India's linguistically diverse population. Hence, introduction of technology-based education with A.I in education will play a major role for enhancing the quality of education in public sector schools. A.I function would cater to the following:

- 1) Student's attention: Estimation of students perceived attention in class room.
- 2) Attendance: Attendance with timestamp of entry, exit and duration of presence inside class for students.
- 3) Demography: Counting of male and female students, ratio of presence on daily basis, protecting gender specific restroom zones.
- 4) Classroom Behavior analysis: run, danger, fight, fall
- 5) Student mood & emotion analysis: Directly proportionate to the productivity and effectiveness, the system recognizes the mood and other emotional state of students inside classroom.
- 6) Teacher efficiency: Will be able to provide analytics on below:
 - Effective utilization of smart board or black/white board
 - Time spent engaging with students
 - Time spent inside class premises
 - Time spent idle, on phone, sitting, chatting with other staff etc.
 - Attendance for teachers & Regularity to class
 - Punishment and harassment analytics

7) Student & Teacher Interaction analytics

III. Digital learning e-Contents for Academics:

Use of Audio-visual content and animation is very engaging for a child. Young children in each grade and classroom will now learn daily in a blended environment with technology enabled digital classroom. The Learning e-Contents based on the Maharashtra State Board/NCERT syllabus to be provided in every grade wise digital classroom must follow the outline provided at Section M

In case of any legal issues/ implications that arise out of the content, its correctness, validity, etc., it shall be the responsibility of the vendor. The vendor shall indemnify and keep PCMC, School Dept and PCSCL indemnified at all times regarding any issues related to the content.

IV. STEM Lab:

STEM Lab is a work space where young minds can give shape to their ideas through hands on do-it-yourself mode; and learn innovation skills. Young children will get a chance to work with tools and equipment to understand the concepts of STEM (Science, Technology, Engineering and Math). STEM labs would contain educational and learning 'do it yourself' kits and equipment on – science, electronics, robotics, open source microcontroller boards, sensors and computers. Other desirable facilities include meeting rooms and video conferencing facility.

In order to foster inventiveness among students, STEM can conduct different activities ranging from regional and national level competitions, exhibitions, workshops on problem solving, designing and fabrication of products, lecture series etc. at periodic intervals. The scope for the STEM lab has to be as per the outline at Section N

V. Computer Functional Literacy (ICT Skills) e-Contents:

The computer functional literacy is necessary for any job today. Computer Functional Literacy e-Contents will be deployed in all computer devices in the Computer lab and in every digital classroom. The Computer Functional Literacy e-Contents must follow the outline at Section I.

VI. English Language Training e-Contents:

The computer lab will be used for English language training, and teaching Computer skills curriculum; no additional infrastructure (hardware) will be

procured for English language learning. The English Language Learning e-Contents must follow the outline at Section H.

VII. Capacity Building of Teachers & Head Masters :

Capacity creation of teachers will include practical demonstrations in constructivist approaches like inquiry, activity and project-based learning. This training will build on the existing skill sets of the teachers so that any transition will be achieved sensitively, seamlessly and surely.

Teacher Capacity Building shall be conducted in **two sessions of 5 days each in two terms for all the teachers and will be supported by online sessions and handholding**. The capacity creation will focus on the following areas:

- Effective lesson plans: unlocking learning blocks, creating learning triggers and authentic resources, learning outcomes and developing tightly aligned assessments
- Pedagogical techniques: blended with domain competency, collaborative teaching, and self/peer learning, flipped classrooms, and blended learning. The teachers will be familiarized on how to improve their classroom practice with constructivist approaches using technology resources. The teachers will be made comfortable operating the technology infrastructure and resources provided under the project
- Sensitizing teachers in using assessments for and of learning and in designing variety of assessments, assessing differential learning, group/ peer/ self-assessments and in classroom management skills
- Leadership training for Headmasters to be conducted along with the project induction.

VIII. Deployment of expert facilitators:

The bidder would be providing at least 3 trained expert facilitators in Maths, English, and Science who can help school teachers in bridging the gaps in students' learning. The role of the expert facilitators will be:

- Remedial teaching to improve performance in English, ICT and Science
- Hand-holding school staff in helping them with their classroom practices
- Introducing new methods of teaching like activity- and project-based learning
- Conducting classroom observation to identify areas for student improvement
- Access to all students for guided teaching and self-study to improve student performance

The expert facilitators will be provided for one year. Based on the satisfactory capacity building and performance of the teachers, the expert facilitators may

be reduced. However minimum one expert facilitator per school has to be provided in the subsequent years.

IX. Building as Learning Aid (BALA):

While the infrastructure of the Schools is adequate there is need for some minor improvements:

- The environment of the school can be improved by BaLA interventions through painting/boards/installations illustrating concepts from the curriculum for a print rich environment
- Children subconsciously imbibe inputs from their surroundings and are constantly receptive to multiple sensory perceptions.
- To harness this potential, the school environment can be enriched to provide a learning opportunity at every step and turn of the building contours

The bidder has to provide the above as per the prescribed scope mentioned in the outline at Section P.

X. Online MIS Dashboard

- The Decision Support Systems/Management Dashboards are envisaged to provide user-specific information needed for day-to-day operations. The bidder has to provide an Online MIS Dashboard as per the prescribed scope mentioned in the outline at Section T.
- The Management and staff based on their role and responsibility will have unique MIS requirements, which enables them to effectively plan and deliver the responsibilities allocated to the concerned individuals.
- System will facilitate data gathering from various intervention, locations, analyze and present the information in an appropriate manner for decision-making. System will also facilitate graphical view of the MIS information in terms of presenting the location profile on GIS map. It will help to monitor the hardware and should be able to produce dynamic reports about uptime, downtime and idle time of all the systems.
- System will also facilitate generation of analytical reports based on the data collected from the schools to verify the compliance with the SLA by the bidder.
- Online MIS dashboard Application will be hosted on the PCMC datacenter, however until the hosting complete, the successful bidder is expected to host the same MIS portal at its premise.
- Each bidder is required to give a demonstration of the proposed Online MIS Dashboard during the presentation.

- Please note that, this Online MIS dashboard should be able to collect all required essential data as a live feed from the distant online hardware availability, i.e. idle time, usage time, internet speed etc. from the client-based tool, bidder is supposed to install the application on each hardware connected to the internet. Bidder should be able to provide admin access & other roles as and when required for PCMC administrator to monitor the overall progress of the project as per the SLA, compare performance and review the MIS Dashboard reports.
- Mobile App of MIS should be available to CEO, PCSCCL, Commissioner, PCMC, and School Board Authority.
- The successful bidder shall specifically generate reports on the performance of weaker students and work back with school principal and teachers to draw out a program for enhancing the learning levels of these students.
- Teacher efficiency: Will be able to provide analytics on below:
 - MIS for teachers
 - MIS for student
- The solution should ensure that the tracking of individual student's performance is done on at least on monthly, semester, half yearly, yearly and subject wise
- For Online MIS dashboard, PCMC/ PCSCCL shall procure based on the server sizing provided. The installation and operationalization shall have to be undertaken by the vendor.

XI. Digital e-learning platform:

The vendor shall provide a digital e-learning platform which shall have the following functionalities at a minimum:

- 1) User Registration
- 2) Administration
- 3) Planning & Tracking Academic Progress
- 4) Performance Tracking
- 5) Content Upload
- 6) Question Bank creation
- 7) Assessment
- 8) Integration with internet driven media
- 9) Integration with additional external content
- 10) Lesson planning
- 11) Report generation
- 12) Dashboard
- 13) Search features

14) Localization/ customization

XII. Project Management Services

The bidder should deploy at least one project manager for updates on day to day activities to the department. Centralized Helpdesk should be provided for call logging and project management. Project management software with online tracking of devices and their uptime should be provided as part of the deliverables.

XIII. Other Services

- PCMC is in the process of engaging various stakeholders for quality audit of schools, teachers, learning outcomes. The successful bidder shall incorporate unconditionally and provide the required data and support for these audits.
- PCMC envisages several interventions for teachers' motivation and pedagogy enhancement, the successful bidder shall be required to work back with PCMC, its stakeholders for implementation of these intervention.
- Successful bidder shall work closely with PCMC and school administration for enhancing parent's involvement in the students learning programs.
- PCMC envisages putting in place a master trainer program, the successful bidder is expected to provide all the necessary support for the same
- Successful bidder shall ensure controlled use of internet and display unit. The internet shall be used only for educational purposes only. The responsibility of controlled use of internet and display unit shall be that of the Successful bidder only.
- In case the location of the school is shifted, the vendor shall at its own cost and risk, ensure that the e-classroom project including the networking shall be shifted to the new location for up to 3 such relocations. For any further relocation, PCMC/ PCSCL shall pay based on the rates discovered through BoQ. The lumpsum cost for relocation shall be mentioned as a separate line item in the financial quote.

The detail technical specifications are mentioned in the subsequent sections.

3.7 Technical Specifications

3.7.1 Bill of Material

Bidder to provide the equipment's/products/service as per the details mentioned below, however bidder is free to propose any additional equipment's/products/service to meet the requirement of the project;

| S N | Item | Specifications | Quantity per School | Technical Specs (Ref) |
|------------|---|---|--|------------------------------|
| 1. | Computer Lab | Computing Device | 10 | A |
| | | Headphones | 20 with 10 splitters | B |
| | | 3 KVA True Online UPS | 1 | C |
| | | Furniture - Tables | 10+1 | D |
| | | Furniture - Chairs | 20+1 | E |
| | | Wi-Fi access point | 1 | - |
| | | Printer | 1 | F |
| | | Networking & Electrical Work | Electrification, Networking in lab with paint and vinyl flooring, earthing as per the Govt standard guidelines | - |
| 2. | English Lab for English Language Training (ELT) | Bluetooth 30 W 2.1 Speakers | 1 | G |
| | | English language training e-content in all computing devices | 1 License per school covering all grade wise classrooms in computer lab | H |
| 3. | Computer Functional Literacy Skills e-Contents | Computer Literacy e-content software in all computing devices | 1 License per school covering all | I |

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| | | | | |
|----|--|--|---------------------------------------|---|
| | | | grade wise classrooms in computer lab | |
| 4. | Smart Digital Classroom | 65" LED Display | 1 for each class | J |
| | | HD Camera with video recording & AI Capabilities | 2 HD Camera per classroom per school | K |
| 5. | A.I based Education Analytics software License | A.I based Education Analytics software License | 1 License | L |
| 6. | Interactive Multimedia Content (for classes I to X, covering all the subjects, English, Math, Science and Social Science, aligned etc to the NCERT/State Board curriculum) along with Digital e-learning platform with contents for Academic education | Grade-wise Digital e-Learning platform and content in all classroom and devices in computer Lab. | 1 License | M |
| 7. | STEM Lab | Exhibits with posters and necessary furniture and fixtures robotics | 48 exhibits | N |
| 8. | Robotics Lab | Robotics Kits - Programmable kits with 10" tablets & Mechanical Kit | 2 | O |
| | | Integrated Robotics Kit | 5 | |
| 9. | BALA | Concept to be pasted on walls and floorings | 30 | P |

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| | | | | |
|-----|--|---|--------------------------|---|
| 10. | Capacity building of Teachers and Head masters | For all the teachers | - | Q |
| 11. | Deployment of expert facilitators | Atleast 3 teachers to be developed for Maths, English and Science | 3 per school | R |
| 12. | Project Management and Helpdesk Services | Project management tool and helpdesk support | 1 for the entire project | S |
| 13. | Online MIS Dashboard | - | 1 License per school | T |

Note-

- The above proposed interventions is per school except for helpdesk which will be a single intervention for all the schools.
- The bidder needs to conduct survey before submitting their proposal.
- Minimum specification has been provided, however the bidder shall propose the best solution.
- The bidder shall procure required licenses/Permits for all the installed hardware & software.

3.7.2 Functional and Technical Specifications

A) Minimum specifications of Computing Device

| S.No. | Technical Details | Description |
|-------|------------------------|---|
| 1 | PROCESSOR, CLOCK SPEED | Quad core Processor Base freq 1.44 Ghz +, 2 MB Cache or higher or equivalent. |
| 2 | RAM | 2GB DDR3L (future expandable, if required) |
| 3 | Hard Disk | At least 32 GB Internal with expandable up to 64 GB |
| 4 | Wifi | 802.11b/g/n (Dual band 2.4G /5G) |
| 5 | LAN | 10/100/1000 Giga Lan (standard). |

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| | | |
|----|----------------------------|---|
| 6 | I/O Port | HDMI1.4, USB 2.0(Type-A) x 3, RJ45, DC-in, HP/MIC Combo (CTIA Type) |
| 7 | Pre Loaded Software | Open/Libre office should be preloaded in all systems |
| 8 | PC Weight | < 200Gms for Mini PC (without casing) |
| 9 | Keyboard & Mouse | Wired/ wireless keyboard & mouse of same make as PC. |
| 10 | Monitor | 18.5" HD resolution monitor with HDMI input , BIS certified same make as PC OEM |
| 11 | Power adapter | 100 ~ 240Vac, 50/60Hz; with Y Cable for input into Mini PC & Monitor |
| 12 | Certification | BIS, EPR ,BEE as per GOI procurement policy |
| 13 | Preloaded Operating system | Windows 10 (32bit) Academic edition |

B) Minimum specifications of Headphones with splitters

| Description | Specifications |
|--------------------|--|
| Standard Features | Noise-cancelling microphone, Full stereo sound, Microphone with flexible, rotating boom, Adjustable headband |
| Sensitivity | -58 dBV/μBar, -38 dBV/Pa +/- 4 dB |
| Frequency response | Headset: 20 Hz – 20,000 Hz Microphone: 100 Hz –16,000 Hz |
| Cable Length | 1.8m cord |
| Connectors | 3.5 mm connectors |

C) Minimum specifications of 3 KVA True Online UPS

- 3 KVA true online UPS
- The UPS battery to have a minimum of 2496 VAH with at least 30 mins back up.
- Type of Battery – SMF-VRLA
- Technology – IGBT

- Rated Output – Single Phase sinewave 230v AC,50Hz
- Degree of Protection – IP20
- Switch over time should be 0 MS
- 12v battery (volt)-10.5
- Protection for outside input voltage range: If Input voltage goes outside the range 160 to 280 volts, the system shall switch over to battery mode.
– yes
- Protection against short circuit of UPS. – Yes
- As per Meity (Govt of India) guidelines UPS shall have valid BIS CRS & ROHS certifications as applicable
- 3 years warranty
- OEM should be one of the top 5 manufacturer as per the Gartner’s /IDC/Frost & Sullivan or any other applicable report.
- The battery supplied for UPS shall be among the top 5 manufacturers in India.

D) Furniture- Tables for Computer Lab

| |
|--|
| Table suitable for students from class I to X |
| 600mm x 450mm x 725mm with Sunmica Top |
| 3 years warranty i.e replacement of parts |

E) Furniture- Chairs for Computer Lab

| |
|--|
| Chair suitable for students from class I to X |
| PVC/Plastic molded without arms rest |
| Chair for Instructor |
| PVC/Plastic molded with arms rest |
| 3 years warranty i.e replacement of parts |

Bidder needs to be share the various design options for approval to PCSCCL

F) Minimum specifications of Network Printer

| |
|--|
| Black & White Multifunction Laser Printer with Scanner, facility for A4 and Legal size |
| Printing Speed: 20 to 22 ppm |
| Warm up Time: Less than 30 Seconds |
| Manual Input Capacity: Standard Tray |
| RAM: 128 MB |

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| |
|--|
| High Yield Toner: 2000 pages, Low Toner Yield Cartridge: 1000 Pages, |
| Connectivity: USB 2.0 Copy Speed |
| Resolution: 600 x 600 dpi |
| Warranty for 3 years |

G) Bluetooth Speakers

| Sr. No. | Parameters | Minimum Specifications |
|---------|--------------|------------------------|
| 1 | Audio | 30 Watts |
| 2 | Bluetooth | 2.1 |
| 3 | Connectivity | Aux and Bluetooth |

H) Indicative specifications of English Language Training (ELT) e-Contents

| Lesson Level | Module | Topic |
|---------------------|----------------------|--------------------------|
| ELT - Basic | Identifying Words | Nouns |
| | | Verbs |
| | | Adjectives |
| | | Adverbs |
| | | Opposites |
| | Making Phrases | Making Phrases |
| | | |
| | Building Sentences | Building Sentences 1 |
| | | Building Sentences 2 |
| | Describing Objects | Picture Talk |
| | | |
| | Describing Movements | Present Tense |
| | | Past Tense |
| | | Future Tense |
| | | Active and Passive Voice |
| | | Animation Talk |
| | Action Oriented Talk | Action Oriented Talk |
| | | |
| | Daily Routines | At Home |
| | | Food and Cooking |
| Leisure Time | | |
| Market and Shopping | | |

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| Lesson Level | Module | Topic |
|-----------------------|------------------------|----------------------------------|
| | | Media |
| | | With Friends |
| | | Work Place or School or Home |
| | | At Home Plus Travel Mode |
| | | |
| | Introductions | Introducing to People |
| ETL - Intermediate | Seeking and Expressing | At a Restaurant |
| | | At a Chemist |
| | | At the Petrol Pump |
| | | Planning a Trip |
| | | Going Shopping |
| | | Discussing Seasons |
| | | Varying Professions |
| | | Tongue Twisters |
| | | Vocabulary |
| | | |
| | Listening Skills | Note Taking |
| | | Taking Instructions |
| | | Telephone Conversation |
| | | Develop Listening Skills Radio |
| | | Listening Skill - Listening to a |
| | | Listening Songs |
| | | Vocabulary - Common Idioms |
| | | |
| | | |
| | | |
| | Speaking Skills | Architecturally India |
| | | Culturally India |
| | | Diverse India |
| | | Family Tress and Relationships |
| | | Multi-Cuisine India - Narration |
| | | Traditionally India |
| | | Vocabulary |
| | | |
| | | |
| | | |
| | Reading Skills | Amazing Inventions |
| | | Amusing Stories |
| | | Homophones and Homonyms |
| | | How to Bake a Chocolate Cake |
| | | Reading Film Posters |
| | | Reading Job Advertisements |
| | | Samir's Diary |
| | | Tables and Graph |
| | | Vocabulary |
| | | |
| Reading and Listening | Degree of Comparison | |

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| Lesson Level | Module | Topic |
|--------------|------------------------|--------------------------------|
| | | Ceremonies |
| | | Common Errors in English |
| | | Housing |
| | | Movies |
| | | Sports |
| | | History |
| | | |
| | Expressing Thoughts | Calendar Months |
| | | Time |
| | | Tracing the Years |
| | | |
| | Enriching Vocabulary | Antonyms |
| | | Interjections |
| | | Odd Man Out |
| | | Proverbs and Meanings |
| | | Puzzles |
| | | Synonyms |
| | | Word Families |
| | | |
| | Constructing Sentences | Different Types of Sentences |
| | | Use of Gerunds |
| | | Use of I Wish and I Wonder |
| | | Use of If...then and If...Only |
| | | Use of Participles |
| | | |
| | Develop Pronunciation | Silent Letters |
| | | Tone and Stress |
| | | Tongue Movements |

I) Indicative specifications of Computer Functional Literacy (ICT-Skills) e-Contents

| Lesson | Module | Topic |
|--------------------|---------------------------------|------------------------------|
| Computer Awareness | Introduction to Computer | What is a Computer? |
| | | History of Computer |
| | | Classification of Computers |
| | | How to Buy the best computer |
| | | Human brain Vs Computer |
| | | |
| | Basic Part of Computer | Basic Computer Block Diagram |
| | | Computer Hardware |
| | | Computer Software |
| | | |

Request for Proposal

| Lesson | Module | Topic |
|--------------|------------------------------|-------------------------------|
| | | Central Processing Unit |
| | | RAM |
| | | ROM |
| | | Input Devices |
| | | Using your Mouse |
| | | Using your Keyboard |
| | | Output Devices |
| | | Turning on/off your Computer |
| | Computer Memory | What is a Memory |
| | | Storage Devices |
| | Types of Software | Booting Process |
| | | System Software |
| | | Application Software |
| | | Operating System |
| | | Program & Programming |
| | | Programming Languages |
| | | Various Application Software |
| | | Using Paint |
| | | Thin Client (Desktop |
| | | Essentials of Computer |
| | Likes & Dislikes of Computer | |
| | Why back up is important | |
| | What is the Virus? | |
| | Do's & Don'ts of Computer | |
| | Career Opportunities in IT | |
| | What's Next? | |
| Email Client | Understanding Outlook | Overview of Email Client |
| | | Piracy & Office Genuine |
| | | Features in Email Client |
| | | Configuring an E-mail Account |
| | | Opening Email Client |
| | | Exploring Email Client |
| | Working with contacts | The Navigation Pane and To |
| | | Understanding Address Book |
| | | Difference between Address |
| | | Adding and Removing |
| | | Importing and Exporting |
| | | Contact Views |
| | | Finding Contacts |
| | | Sending e-mail using Contacts |

Request for Proposal

| Lesson | Module | Topic | |
|---------------|------------------------------|---------------------------------|-------------------------------|
| | Working with inbox | Composing Messages | |
| | | Formatting Messages | |
| | | Saving Messages | |
| | | Marking Urgent Messages | |
| | | Using Attachment | |
| | | Sending your Message | |
| | | Replying to messages | |
| | | Open and Save attachments | |
| | | Using Instant Search | |
| | Manage time tasks and | Calendar basics | |
| | | Appointments and Meetings | |
| | | Scheduling Appointment | |
| | | Scheduling Meetings | |
| | | Scheduling Events | |
| | | Group Scheduling | |
| | | Working with Tasks | |
| | | Working with Notes | |
| | | Working with Journal | |
| | Advance message | Moving Messages to Folders | |
| | | Coloring Messages | |
| | | Working with Search Folder | |
| | | Flagging Messages | |
| | | Creating Rules | |
| | | Finding Messages | |
| | | Deleting Messages | |
| | | Filtering Mails | |
| | | Desktop Alerts | |
| | Email Etiquettes | | |
| | Presentation | Understanding PowerPoint | Overview of PowerPoint |
| | | | Piracy & Office Genuine |
| | | | New features in Power Point |
| | | | Getting to know PowerPoint |
| | | | Creating a presentation using |
| | | Saving Presentation | |
| | | Closing and Opening | |
| | | Exiting PowerPoint | |
| | Working with slides | Getting started with slides | |
| | | Inserting and Deleting Slides | |
| | | Selecting a Layout | |
| | | Working with Text Boxes | |
| | | Formatting Text | |
| | | Using Format Painter | |

Request for Proposal

| Lesson | Module | Topic |
|-----------------|----------------------------------|------------------------------|
| | | Bullets and Numbering |
| | | Slide Operations |
| | | Proofing your Presentations |
| | | PowerPoint views |
| | Working with objects | Working with Pictures |
| | | Working with Chart |
| | | Working with WordArt |
| | | Working with Table |
| | Working with advance | Inserting Organization Chart |
| | | Inserting Shapes |
| | | Working with Clipart |
| | | Working with Slide Master |
| | | Inserting Header and Footer |
| | | Inserting Action Buttons |
| | Customizing presentations | Using Themes in Presentation |
| | | Changing Background Style |
| | | Applying Slide Transitions |
| | | Applying Animation Schemes |
| | | Inserting Custom Animation |
| | | Marking up Slides during |
| | Advance features | Reviewing Presentations |
| | | Creating Photo Album |
| | | Advanced PowerPoint Views |
| | | Printing Slides |
| | | Protecting PowerPoint |
| | | |
| Word Processing | Introduction to Word 2010 | Understanding Word |
| | | About Office Genuine |
| | | Getting Started with Word |
| | | What is new in Word? |
| | | Components of Work Area |
| | | Using help |
| | Working with documents | Opening a blank and existing |
| | | Entering and editing text |
| | | Saving and closing a |
| | | Using the Clipboard |
| | | Working with Fonts |
| | | Using the mini tool bar |
| | | Paragraph Alignment and Line |
| | | Paragraph Borders and |
| | | Working with Hyperlinks |
| | | Finding and Replacing Text |
| | | Printing a document |

Request for Proposal

| Lesson | Module | Topic |
|--------|----------------------------------|-------------------------------|
| | Formatting a document | Styling a Document |
| | | Bullets and Numbering |
| | | Inserting Headers and Footers |
| | | Adding Graphics to a |
| | | Working with Tables |
| | | Defining Document Setting |
| | | Document Views |
| | | Advanced formatting |
| | Creating New Styles | |
| | Object Grouping and Rotation | |
| | Creating Multilevel Lists | |
| | Setting Tab Stops | |
| | Applying Water Mark | |
| | Page Colors and Borders | |
| | Header and Footer Toolbar | |
| | Publishing documents | Creating Table of Contents |
| | | Setting up Notes |
| | | Creating Citation and |
| | | Adding Captions and Table of |
| | | Cross References and Index |
| | | Adding Table of Authorities |
| | | Reviewing Documents |
| | | Protecting Documents |
| | Advanced features | Creating a Blog Page |
| | | Mail Merge |
| | | Working with Forms |
| | | Working with Macros |
| | | Piracy & Office Genuine |
| | | Opening Excel Program |
| | | What's New in Excel |
| | | Getting to know to the Work |
| | Entering and editing data | Navigating Work Area |
| | | Auto Recover Feature |
| | | Enter Data Manually and Using |
| | | AutoComplete Feature |
| | | Formatting / Working with |
| | | Formatting / Working with |
| | | Working with worksheets |
| | | Save, Close, Open and Exiting |
| | Working with formulae and | Controlling Worksheet View |
| | | Working with Formula |
| | | Working with Function |
| | | Using AutoSum Tool |

Request for Proposal

| Lesson | Module | Topic |
|--------|----------------------------|-------------------------------|
| | | Formatting Cells Based on the |
| | | Array Formulas and hyperlinks |
| | | Auditing and Error Checking |
| | | Look up Function |
| | | Inserting Header and Footer |
| | Working with charts | Overview and uses of Charts |
| | | Using the Chart Wizard |
| | | Creating a Chart |
| | | Creating Pie Chart |
| | | Pivot table and Pivot Chart |
| | | Sorting and Filtering Data |
| | Advanced features | Consolidating Data |
| | | Tracking Changes |
| | | Protecting Worksheet & Cell |
| | | Password Encryption and IRM |
| | | Working with XML |

| Lesson | Module | Topic |
|-----------------------------|-----------------------------|----------------------------|
| Safe uses of internet | Basic of internet | Introduction to Internet |
| | | How Internet works? |
| | | Benefits of internet |
| | Uses of internet | Search Engine |
| | | Information Search |
| | | Net Banking |
| | | Paying Bills |
| | | Online booking |
| | | Email |
| | Hacking and internet | Introduction. |
| | | Cyber-safety Threats |
| | | What is hacking? |
| | | Types of Hackers |
| | | Misuse of internet |
| | | How Virus/ hackers attacks |
| | Safe uses | Antivirus |
| | | Firewall security |
| E-mail, Bank account | | |
| Staying Safe while Browsing | | |

J) Smart Digital Classroom Equipment's

| Component | Minimum Specifications |
|---------------------|--|
| Type | LED TV |
| Category | Smart |
| Screen Size | 65 inch |
| Resolution (Pixels) | 3840x2160 |
| Mounting | Wall Mounting Kit with installation |
| Ports | TV to have Mira cast connectivity/ connectivity to mobiles/ tablets. |
| Inputs | Composite Input |
| Power Consumption | Under 200 Watt |
| Warranty | 3 Years On site |
| CERTIFICATION | BIS |
| | TV to have dynamic contrast/ Static contrast. |
| | OEM should be one of the top 5 brands as per the Gartner/IHS report. |

The bidder to ensure that the proposed solution is compatible with the proposed device

K) Minimum Technical Specifications of Full HD IP based Camera with Video recording for AI

| HD IP based Camera with Video recording for AI |
|---|
| <ul style="list-style-type: none"> a) Full HD 1080p at 30fps / 720p at 60fps streaming and recording b) H.264 video compression c) Background replacement (must works on Windows 7 and above) d) Full HD 1080p video calling e) Must Support Windows, Mac, Chrome OS and Android f) Stream clear video even in dim light g) Two integrated omnidirectional mics with noise reduction capture stereo audio from every angle, ensuring clear, no drop streaming and recorded video. h) Full HD glass lens |

L) Minimum Functional and Technical Specifications of Artificial Intelligence based Educational Analytics system:

Artificial Intelligence based Educational system

- a) **Flexible and Dynamic architecture** - The components of A.I. should be elastic in nature and should be independent functionally singular micro services components with Each A.I. algorithms to be independent micro services that should be containerized.
- b) **Stack agnostic**- A.I. micro services components should be agnostic to language used in technology stack. It should work with any language, framework, and library of choice without any impact on the rest of the architecture.
- c) **Interoperability and portability**- Algorithms being containerized should ensure both interoperability and portability, allowing for code to be written in any programming language or any version of library and framework but then seamlessly exposes a single API to be integrated and ported with multiple modules/AI components of diverse stack. It should seamlessly integrate with other components and should be portable/ replica-table easily across the machines automatically.
- d) **Discoverability**- Central repository of hyper parameters, models, versioning and indexing should be provided to both algorithms and models. Objective and autonomous evaluation of various models obtained over time by training on the data that is coming through is must
- e) **Scalability and server less**- The algorithms or the platform should scale automatically and dynamically depending on the demand and load. It should obey the principles of server less architecture so the computes necessary are only utilized and no hard fixing of compute to use-cases takes place. The A.I. should include components that are self-optimizing for resources and cost depending on the load. Each and every A.I. supplied should support all 3 types of deployment 1. On premise 2. Central, 3. On edge
- f) **Highly parallel and distributed**- The algorithms should possess capability to operate parallel and distributed manner across cluster of machines. Both training and inference should be distributed.
- g) **Programmable infrastructure**- There has to be a platform to automatically manage and provision infrastructure through code, rather than using a manual process. The solution should be completely handling the dependencies implicitly such as hardware, software, environment, libraries, versioning etc.

- h) **Interoperable-** The system should possess the ability to call any algorithm regardless of programming language or technology stack or ecosystem of products.
- i) **Monitoring and Analytics:-** Autonomously objective metrics are evaluated and Insights into the performance of each algorithm, model and their versions are made available to key stakeholders. Visual map of composition, work flow, usage analytics, resource utilization, failure points etc. gives complete control of A.I work.

Minimum Specifications of AI server:

| Sr.No. | Parameters | Specifications for GIS |
|--------|-------------------|---|
| 1 | Processor | 1). Latest series/ generation of 64 bit x86 processor(s) with 16 or higher Cores |
| | | 2). Processor speed should be 2.1 to 2.7 GHz |
| | | 3). Minimum 4 processors per each physical server |
| 2 | RAM | Server should be configured with minimum 256 GB Industry-standard DDR4 RAM |
| 3 | Internal storage | 4 x 900 GB SAS (10k rpm) hot swap disk with extensible bays |
| 4 | Network Interface | Server should have Quad-port 10G BASE-TX LAN, 2 X 10 Gb Fiber ports for providing network connectivity. |
| 5 | Power Supply | Dual Redundant Power Supply |
| 6 | RAID | As per requirement/solution |
| 7 | Operating system | As required for solution |
| 8 | Form Factor | 2U RACKMOUNT form factor or less |
| 9 | Virtualization | As required for solution |
| 10 | Cache Memory | The proposed processor should have atleast 33MB cache |
| 11 | I/O Ports | Should have the given I/O Ports: |
| | | Front ports: Video, 2 x USB 2.0, 1 managed (micro-sub) |
| | | Rear ports: Video, serial, 2 x USB 3.0 |
| | | Video card: VGA |
| 12 | Controller | Internal RAID Controller card should be with atleast 2GB NVCache |
| 13 | PCI Port | 1 PCI-e based Dual Port Port 16 Gbps or higher FC HBA Card |

Request for Proposal

| | | |
|----|--------------|--|
| 14 | Power Supply | The Server should have Hot plug power supplies with full redundancy option |
| 15 | GPU | The Server should support up to 4 or more GPUs (Min. Tesla P4 or above) |

This AI server shall be procured by the bidder and ensure its installation and operationalization at the data center space provided by PCSCL.

Ethernet switches will have to be provided by the vendor

For Online MIS dashboard, PCMC/ PCSCL shall procure based on the server sizing provided. The installation and operationalization shall have to be undertaken by the vendor.

M) Text book based School e-Contents (Interactive Multimedia Content)

Educational contents should be provided with languages Hindi, English, Urdu and Marathi. However, for Hindi and Urdu the vendor is allowed to tie-up/ sub-contract for e-content. The solution must provide customized content in forms of digitized content of the existing syllabus known as E-learning as prescribed by the SSC board for 1st to 10th standard for all the subjects. The solution must be interactive, engaging & should cover topic wise each chapter that increases retention in the minds of the students. The solution should make the delivery process easier for the faculty. Teachers should be able to add extra content in solution in form of PPT, video (internet based or otherwise) or in word file to provide extra knowledge to students. The solution should be effective and activity based with hundreds of activities, experiments and solved examples.

The key aspect is that, the content should be designed in a way that basics of learning through watching, listening and reading is possible. Content should be designed from the perspective of experiential learning as opposed to simple knowledge transfer by speech and writing. The content should be mix of Audio Visual. It should have a well-organized index. It should have play/pause, forward and rewind tabs along with lesson progress report and questionnaires.

All the teacher should be provide with a login to access each subject. All the chapters should be mapped in terms of minutes and hours which will help teachers to finish syllabus in time.

All the revisions/ upgradation/updation to curriculum within the warranty period of 3 years should be included without any additional cost.

Following are some of important features the content should have,

1. 1st to 10th standard all subjects for Hindi, English, Urdu and Marathi.
2. Each chapter should be divided into topic and subtopic exactly mapped with textbook
3. Math's subject should cover theory and solved exercises through animation.
4. Science subject should cover all practicals and activities mentioned in text book in the form of exercise.
5. Should have lesson planning facility in solution.
6. Content should have facility of being interactive.
7. Each chapter should have at least 30 no.s of question/ questions mention after each chapter with answer for each subject including languages.
8. Languages should have meaning explanation for difficult words linked to standard dictionary.
9. Content should be in animation format only, not in PPT presentation or lecture shooting or typing with voice over.
10. Teachers should have facility of uploading videos (internet based or otherwise), clips in PPT, word format in system with having user ID and password separately.
11. Solution should be able to provide web access and internet search based facility.
12. Administrator should have facility of planning, tracking and downloading reports in graphical formats for class and individual in solution.
13. Solution should have facility of accessing online content.
14. Content can work in annotation mode while using white board application.
15. They should be interactive, engaging & should cover topic wise each chapter that increases retention in the minds of the students.
16. They should make the blended education delivery easier for the teachers.
17. They shall contain grade specific lesson containing 2D/3D animations, quiz activities, interactivity sessions, etc.
18. Quiz content which shall allow the user to display quiz questions in between learning lessons and shall also allow creation/additions of any number of new questions spontaneously.
19. They should be simple and short to enable teacher to conduct Activity based learning (ABL) and blended lectures more effectively.

Minimum Functional and Technical Specification for the Digital e-learning Platform

The Digital e-Learning platform should have the following Functional features:

- a) User Registration: Digital e-Learning platform must allow Teachers/Students to register to use the e-Learning contents for a particular grade.
- b) Administration: Digital e-Learning platform must allow administrator to manage user registrations and profiles, define digital content access, and manage content, view reports in an offline environment.
- c) Planning & Tracking Academic Progress: Planning and tracking of academic progress should be automatic and enabled for the following roles Students / Teachers.
- d) Performance Tracking: Tacking of the marks for a Class or an individual on the basis of the tests & quiz attempted using the app must be possible.
- e) Content Upload: Teachers must have the access to feature to upload contents as per the academics and link it to the available academic structure. The upload of contents must allow saving of uploaded contents locally or on a google drive in an organized manner as per the structure of the syllabus.
- f) Question Bank: Digital e-Learning platform should have interactive MCQ/Fill in the blanks etc. type questions for the available academic structure.
- g) Teacher can create Question Bank: Teacher should be able to add additional questions to the available academic structure and contribute towards creation of Question Bank.
- h) Assessment: Digital e-Learning platform must be having feature to conduct MCQ type quick assessments inline during a blended session, for topic/chapter level and for a subject level.
- i) Google for Education: Digital e-Learning platform must be integrated with free tools available like Google for Education. It must seamlessly integrate the Google Classroom forum for empowering teachers to create classes, distribute assignments, send feedback, and see everything in one place. It is instant. Paperless. Easy.
- j) Google Drive: Digital e-Learning platform must be integrated with free google drive for uploading and storing contents created by teachers.
- k) YouTube Integration: Digital e-Learning platform must be integrated with YouTube to allow teachers to add reference links for supplementary access to more MOOC contents. These added YouTube links must be placed as per

Minimum Functional and Technical Specification for the Digital e-learning Platform

the available academic structure and played from within the Digital e-Learning platform and stored for anytime access.

- l) Lesson Planning: Digital e-Learning platform should have notes feature to do Lesson Planning and execution for a specific sub topic within a topic/chapter.
- m) Support blended learning: Digital e-Learning platform should offer a curriculum that mixes classroom and online digital contents easily. The Digital e-Learning platform should be able to handle audio and video contents.
- n) Content integration features: Apart from supporting the vendor's own digital contents, the Digital e-Learning platform should provide native support to a wide range of third-party contents also.
- o) Reports: Digital e-Learning platform should generate graphical as well as tabular user wise reports on Session, Activities, Usage, Notes, Content Addition, Quiz etc. It should be possible to generate .pdf for these reports and even mailing these to registered email id from within the Digital e-Learning platform. The Reports must be available in Graphical as well as tabular formats.
- p) Dynamic Dashboard: Digital e-Learning platform should have a dynamic dashboard to represent the progress of the learning process and give a bird eye view for time spent, quiz available, modules available and progress.
- q) Platform Updates: Digital e-Learning platform should have facility to update Online for patches and updates.
- r) Accessibility: Digital e-Learning platform should have facility to change to font text size.
- s) Search: Digital e-Learning platform should have a facility to search educational contents within the selected grade, subject, chapter and topic.
- t) Localization: Digital e-Learning platform should have a facility to localize the User Interface.

The Digital e-Learning platform should have the following Technical features:

- a) The Digital e-Learning platform must be an App and should run on Android / Linux / Ubuntu and Windows Desktop/Server OS or higher version.
- b) The Digital e-Learning platform should be on a learning approach and thus can be learned in observe of ^[SEP]teachers by a peer group.

Minimum Functional and Technical Specification for the Digital e-learning Platform

- c) The Digital e-Learning platform should allow the Teachers to upload or provide additional content reference in form of a document formats, media formats, notes etc. for any or all topic/sub topic during a Computer Aided Learning (CAL) session or prior to CAL session.
- d) The Digital e-Learning platform should have a Student Centric learning approach by providing Learning Objectives, Audio with Transcript/Subtitles, Course help, Course Search, Glossary, Summary, Notes etc.
- e) The Digital e-Learning platform should accommodate all types of learners i.e. visual and auditory.
- f) The Digital e-Learning platform should maintain high visual standards and consistency with respect to fonts, colors, animations, designs etc. The e-Learning courseware contents must not use any material, images, animation, pictures etc. from the internet.
- g) The Digital e-Learning platform within the course should follow a logical sequence mapped to text books for easy learning. The lessons based on modular approach with at least 3 or more levels.
- h) The Digital e-Learning platform Lessons should be interactive, with proper animations and illustrations, should have more illustrated images and animations rather than scanned pictures and mere videos.
- i) The Digital e-Learning platform needs to engage learners for active learning by means of simulations, illustrations, activities like fill in the blanks, multiple choice quiz in form of In-Line questions to judge students' concentration during the CAL sessions.
- j) The Digital e-Learning platform should have narration/interaction in the same language the course is offered and must have inbuilt transcript support apart from audio in the language it is offered in this case Marathi.
- k) The Digital e-Learning platform should allow 3 Way learning approach (Audio, Visual and Hands on).
- l) The Digital e-Learning platform should be enabled with responsive design for accessibility over the Web/Desktop/Mobile/Smart Phones with all features.
- m) The Digital e-Learning platform should allow the users to navigate from one courseware to another using a single user interface to select a particular module or courseware with simple Icon based navigation

Minimum Functional and Technical Specification for the Digital e-learning Platform

- n) The Digital e-Learning platform should be able to have ease of instructional language selection for all or particular module.
- o) The Digital e-Learning platform must be operational in a virtual/shared computing lab environment.
- p) The Digital e-Learning platform must have feature be able to stream online contents.

N) STEM LAB

Overview of STEM lab specifications

| Category | Description of the item |
|-------------------------|--|
| STEM Exhibits/Models | Table Top working exhibits based on different concepts of STEM (details in Table below) |
| Back Drop | Backdrops/informative charts that provide information about an exhibit/model. Each Exhibit to have a back drop. |
| Robotics Kits | Robotics display Models, Programmable Kits with Tab and Modular laptops with integrated robotic kits to design and develop robotics based models (details in table below) |
| User Manuals | Help guides and user manual should be provided |
| Physical infrastructure | Necessary electrical work, furniture tables for keeping all the models on display, room furnishing like a STEM LAB including theme based roof and wall painting with science concepts and layouts in the room. |
| Project Monitoring | Technical and academic support on a regular basis including workshops and expert visits |
| Impact Assessment | A pre-test and post-test to be conducted for the students and the reports to be discussed with the Principal to gauge the performance and map with desirable learning outcomes |

The bidder should provide the following table top exhibits for the STEM labs.

Detailed STEM lab Exhibit requirements

Request for Proposal

| S.No | Exhibit Name | Minimum Size |
|------|----------------------------------|---|
| 1 | KE-PE Track | Base 7" x 26" Height 8". |
| 2 | Gyroscope | Base 20" x 7" Height 24" |
| 3 | Cone runs uphill | Height 4" Top 6" x 20" |
| 4 | Tower of Pisa | |
| 5 | Law of inertia | Base 9" x 3.5" Height 8.5" |
| 6 | Newton's Action- Reaction law | Base 5" x 20" Height 4" |
| 7 | Bumpy Track | |
| 8 | Wind Mill | Base 5" x 10" Height 7" , 3" x 3" x h5" box 2 nos |
| 9 | Mechanical advantage using Lever | Base 5" x 11" H 4" top 15 x 4" = 3 nos |
| 10 | Pulley Block | Base 20" x 6" Height 21" |
| 11 | Archimedes Screw | Base 5" x 12" Height 8" / 5" |
| 12 | Axel and Wheel | |
| 13 | Pinhole Camera | Base Open size 12" x 4" Height 4" , 4" x 6" 1 box, 3.5" x 8" 1 box |
| 14 | Zoetrope | Base 10" x 10" Height 6.5" , 9.5 x 9.5 Circle, h 5" |
| 15 | Newton's disk | Base 120m x 120m Height 9" x 1.5" circle 3m x 6" |
| 16 | Tangram | |
| 17 | Floating magnets | |
| 18 | Magnetic Field Tube | |
| 19 | Viscosity Tubes | Base 16" x 4" half height 4.5" full Height 9.5" , 2" x 9" Pipe 3 nos |
| 20 | Color Shadow | Base 12" x 10" Height 10" Light box 2" x 10" x 2.2" |
| 21 | Pythagoras model | Base 5.5" deep 1" Height 11" w 10.5" |
| 22 | Sum of the angle of the Triangle | |
| 23 | Two Congruent right Triangles | |
| 24 | Hyperbola Model | Base 7" x 7" Height 12" top circle 6" x 6" 6mm = 2nos, 6 mm rod 11" |
| 25 | Corner mirror | Base 6" x 5.5" Height 6" |
| 26 | Infinity Tunnel | |
| 27 | Kaleidoscope | Base 8" 70mm x 2.5" Pipe + 2" x 5.5" Pipe |

Request for Proposal

| S.No | Exhibit Name | Minimum Size |
|------|--|----------------------------------|
| 28 | Periscope | Base 4" x 34" h4", 3" x 34" Pipe |
| 29 | Human torso with 15+ magnetically detachable parts | 1.5feet*1.5feet*3 feet |
| 30 | Eye Model | 1 feet * 1 feet |
| 31 | Ear Model | 1 feet * 1 feet |
| 32 | Cell Structure | 2 feet * 2 feet |
| 33 | Electrolysis of Water | 1.5 feet * 1.5 feet |
| 34 | Acid Base and Salts | 1 feet * 1 feet |
| 35 | Layer of soils | 1 feet* 1.5 feet |
| 36 | Bio Pesticides | 1 feet * 1 feet |
| 37 | Hydro Turbine | 2 feet & 3 feet |
| 38 | Solar power system | 2.5 feet * 2.5 feet |
| 39 | Sound in different Medium | 1.5 feet * 1.5 feet* 2.5 feet |
| 40 | Maglev | 2.5 feet* .5 feet* .5 feet |
| 41 | Infinity Well | 1.5 feet * 1.5 feet* 0.25feet |
| 42 | Rain Gauge | 1feet * 1.5 feet |
| 43 | Electrostatic force (model) | 1 feet * 1 feet * 2 feet |
| 44 | Meiotic cell division | |
| 45 | Lens explorer | 1 feet * 2 feet |
| 46 | Exploration with concave and convex mirrors | 1 feet * 2 feet |
| 47 | Working model of generator | 1 feet * 1 feet |
| 48 | Series and Parallel Circuits | 2 feet & 2 feet |

O) Robotics Lab

Minimum Requirements for robotics lab for upper primary classes

Programmable and Modular Robotics Kit with following functionality as minimum per kit:

- 1) Programmable brain with inbuilt Bluetooth/Wi-Fi Capability
- 2) Inbuilt LCD display to indicate various parameters
- 3) Connection of Sensors and Motors with prefab high-quality RJ 11/RJ45 Cables
- 4) Graphical Programming Language Software with drag and drop blocks, program
- 5) Connection of Minimum 4 Sensors and 4 Actuators/Motors with one programmable brain

Request for Proposal

- 6) Provision to Connect Wired Remote Controller with Programmable Brain
- 7) High Quality Modular Metal Construction Set
- 8) Varieties of Gears
- 9) Varieties of Sensors like IR, Ultrasonic, Touch/PB, Sound, Color, Temperature
- 10) With Minimum 4 geared motors with variable speed capacity and compatible wheels.
- 11) The offered robotics kit shall have possibilities to make at least 50 different types of Robots/Systems. Few of them are listed as per the following:

| S.No | Detail | Concept |
|------|---|--|
| 1 | Fork Lift Robot | Force, Motion, Types of Motors, Switches, Concept of Torque, Lever, Gear & Pulleys and other mechanism |
| 2 | Foot Ball Playing Robot | Robot with pushing mechanism and with free ultra-high speed motion |
| 3 | Fire Detecting Robot | Microcontroller based fire detecting robot based on smoke sensor |
| 4 | Micro Controller Based - Line Tracer & Obstacle Detecting Robot | Working of sensors, types of sensors, controllers, various parts of controllers, sensors, programming, burning of program, types of cables |
| 5 | Advanced Robotic like Rope Car Robot, Multi terrain Robot, Walker Robot, Humanoid Robot, Robotic Crane etc. | Force, Motion, Types of Motors, Switches, Concept of Torque, Lever, Gear & Pulleys and other mechanism, Structures, Stability of structures, Specification of motors, Selection of gears & pulleys |

| Product : Modular laptop with built-in rail to embed micro-computer for Robotics | |
|--|---------------------------|
| CPU | Quad Cortex A53 @ 1.2 GHz |
| INSTRUCTION SET | YES |
| GPU | 400MHZ VIDEO CORE IV |
| RAM | 1 GB SDRAM |
| Storage | micro SD |
| Ethernet | 10/100 |
| Wireless | 802.11n/Bluetooth 4.0 |
| Video Output | HDMI/ Composite |

Request for Proposal

| | |
|--------------|------------------------|
| Audio Output | HDMI/ Headphone |
| GPIO | 40 |
| Display | 14' full HD LCD screen |
| Units | 05 per school |

Minimum Requirements for robotics lab for Secondary classes

Programmable and Modular Robotics Kit with following functionality as minimum per kit:

- 1) Programmable brain with inbuilt Bluetooth/Wi-Fi Capability
- 2) Inbuilt LCD display to indicate various parameters
- 3) Connection of Sensors and Motors with prefab high-quality RJ 11/RJ45 Cables
- 4) Graphical Programming Language Software with drag and drop blocks, program
- 5) Connection of Minimum 4 Sensors and 4 Actuators/Motors with one programmable brain
- 6) Provision to Connect Wired Remote Controller with Programmable Brain
- 7) High Quality Modular Metal Construction Set
- 8) Varieties of Gears
- 9) Varieties of Sensors like IR, Ultrasonic, Touch/PB, Sound, Color, Temperature
- 10) With Minimum 4 geared motors with variable speed capacity and compatible wheels.
- 11) The offered robotics kit shall have possibilities to make at least 50 different types of Robots/Systems. Few of them are listed as per the following:

Requirement of robotics labs for secondary classes

Programmable Robotic and Electronics System Kit:

- 1) Compatible with Upper Primary Robotic Kits
- 2) Robotic Brain with Attached Breadboard and provision to Mount and Interface Various Electronics Components.
 - a. Developing a basic code to switch ON and OFF a LED for example traffic lights
 - b. Developing a code to respond to pressing of a button for example gaming controller
 - c. IR Sensor based Projects
 - d. Temperature Sensor based projects
 - e. Sound Sensor based projects

- f. Ultrasonic Sensor based Projects
 - g. Provision to connect with various output devices like Speaker, LED, Motors, Servos etc.
- 3) Graphical Programming Language with C code programming display

Electronics Lab Kit for Secondary classes with following items as minimum in each kit

| S N | Kits | Qty |
|-----|---|-------------|
| 1. | Breadboard – 800 Pin | 2 |
| 2. | Breadboard – 400 Pin | 2 |
| 3. | Multimeter | 1 |
| 4. | Arduino Uno with USB Cable and power Adapter | 2 |
| 5. | Jumper Wires M-M, M-F, F-F | 20 |
| 6. | 9 Volt Rechargeable Battery with Compatible Charger | 2 |
| 7. | 16 X 2 Dot Matrix LCD Display Module | 1 |
| 8. | Self-adhesive Proto shield for Arduino | 1 |
| 9. | Assorted Resistor Box | 1 |
| 10. | Assorted Capacitor Box | 1 |
| 11. | Liner Voltage Regulator ICs 7805, 7809, 7812 | 2 |
| 12. | 8 x 8 LED Matrix Module 7219 | 2 |
| 13. | LED 4 Digit Seven Segment Display Module | 1 |
| 14. | GSM Module SIM800L | 1 |
| 15. | GPS Module NEO6MV2 | 1 |
| 16. | LDR Module compatible with Arduino | 1 |
| 17. | Joystick Module for Arduino | 1 |
| 18. | Active Buzzer Small | 5 |
| 19. | Active Buzzer Big | 5 |
| 20. | Motor Driver Module L293D | 1 |
| 21. | Voice recording and Playback Module | 1 |
| 22. | Single Shaft BO Motor with Wheels | 4 |
| 23. | DC toy Motor | 5 |
| 24. | Vibrating Motor | 2 |
| 25. | Multi-Color Alligator clip connectors | 10 |
| 26. | 9 V battery clip with DC Jack | 2 |
| 27. | Hookup Wires Red & Black | 10 mts each |
| 28. | RGB LED | 5 |

Request for Proposal

| S N | Kits | Qty |
|-----|--|-----|
| 29. | 5 mm LED of 5 different colors | 10 |
| 30. | Assorted Diode Box | 2 |
| 31. | Assorted Transistor Box | 2 |
| 32. | Tactile PB switches | 5 |
| 33. | 555 timer IC | 2 |
| 34. | Capacitive Touch MPR 121 Module | 1 |
| 35. | Capacitive Touch Switch Module | 1 |
| 36. | IR Sensor Module | 1 |
| 37. | Humidity and Temperature Sensor Module | 1 |
| 38. | Triple Axis Magnetometer Module | 1 |
| 39. | MQ Series Sensors MQ 2, MQ 3, MQ 4, MQ 5, MQ 7, MQ 135 | 1 |
| 40. | Ultrasonic sensor Module HC SR | 4 |
| 41. | Triple Axis Accelerometer Module | 1 |
| 42. | PIR motion detection Module | 1 |
| 43. | 2 Channel Relay Module | 1 |
| 44. | 1 Channel relay Module | 1 |
| 45. | Soil Moisture sensor module | 1 |
| 46. | Rain Drop Sensor Module | 1 |
| 47. | Flex Sensor | 1 |
| 48. | Force Pressure Sensor | 1 |
| 49. | Color Recognition Sensor Module | 1 |
| 50. | Water flow Sensor Module | 1 |
| 51. | RFID Reader with tags | 1 |
| 52. | RF Transmitter and Receiver Module | 1 |
| 53. | Stepper Motor with driver board | 1 |
| 54. | DC gear motor metal body | 2 |
| 55. | Servo Motor 360 Deg, 180 Deg | 1 |

| Product: Modular laptop with built-in rail to embed micro-computer for Robotics | |
|--|---------------------------|
| CPU | Quad Cortex A53 @ 1.2 GHz |
| INSTRUCTION SET | YES |
| GPU | 400MHZ VIDEO CORE IV |

Request for Proposal

| | |
|--------------|-------------------------|
| RAM | 1 GB SDRAM |
| Storage | micro SD |
| Ethernet | 10/100 |
| Wireless | 802.11n/Bluetooth 4.0 |
| Video Output | HDMI/ Composite |
| Audio Output | HDMI/ Headphone |
| GPIO | 40 |
| Display | 14' full HD LCD screen |
| Units | 05 per secondary school |

P) BALA

The environment of the school can be improved and made print-rich by BALA (Building as Learning Aid) paintings, installations, boards in the classrooms and the corridors which illustrate concepts from the curriculum and provide a vibrant learning environment in the school. Children subconsciously imbibe inputs from their surroundings and are constantly receptive to multiple sensory perceptions. To harness this potential, the school environment can be enriched to provide a learning opportunity at every step and turn of the building contours. BALA interventions would allow children to engage actively with the concept. The bidder will be required to Install/paint etc. illustrating concepts from the curriculum in Math, Language, and Sciences, social and environmental sciences, sanitation and hygiene. Moreover, BALA concepts should cover topics requiring problem solving, logical thinking, observation and analysis.

Building as Learning Aids to be painted on the walls/ ceiling/doors and windows using Oil or high-quality paint for long term usage. The bidder to provide the following 30 BALA concepts.

Indicative Details of BALA

| Sr. No. | Category | Name of the Activity |
|---------|-------------------------------|--|
| 1 | Classroom Map and Outdoor Map | Let's know our State and India |
| 2 | Me and My World | "Me and My World" painted on the School Walls. |
| 3 | Simple Planetary Orbits | Rotating along the Axis and Around the sun |
| 4 | | Earth's orbit around the sun |
| 5 | Color Teasers | Fan Color Wheels |
| 6 | Visual Illusions | Exploring and discovering Visual Illusions |

Request for Proposal

| Sr. No. | Category | Name of the Activity |
|---------|---------------------------------------|---|
| 7 | Symmetry Around Us | Symmetry in Objects |
| 8 | | Symmetry in Leaves |
| 9 | | Symmetry with Mirrors |
| 10 | Calendars on Walls | Recording and Charting Temperature |
| 11 | Cycles Around Us | Food Chains |
| 12 | | Crop Life Cycle |
| 13 | Rules Line Boards for Languages | Practice Neat Handwriting |
| 14 | Play with words | Word Wall |
| 15 | Measures Around Us | Measurement of Length with Non-Standard Tools |
| 16 | | Estimation of Weights |
| 17 | Vertical Scales and Horizontal Scales | Measuring Accurately |
| 18 | | Estimating Lengths – 1 |
| 19 | | Comparing Scales |
| 20 | Highlighting Angles in Buildings | Recognition of Angles |
| 21 | Fraction Aids | Vocabulary of Fractions |
| 22 | | Fractions in a Wall Clock |
| 23 | Magic Squares on Floor and Walls | 3 X 3 Magic Squares |
| 24 | Activity Boards and Surfaces on Walls | Alphabet Shapes |
| 25 | | Using Geometrical Board |
| 26 | Dot Boards on Floor and Walls | Drawing Repetitive Patterns |
| 27 | | Conversion Graphs |
| 28 | Grid Boards | Number Patterns |
| 29 | Healthy Habits | Washing Hands before eating |
| 30 | | Eating habits |

Q) Capacity building of Teachers and Head Masters

- Teacher Capacity Building shall be conducted in two sessions of 5 days each in two terms for all the teachers and will be supported by online sessions and handholding.

- The selected bidder must provide 1 day leadership training to all the headmasters/principals of the schools at a single venue provided by PCSCCL
- The induction training to be for a duration of 4 days per school for all teachers for subjects of Math, Science, English, Social Science teachers/ICT coordinator
- Refresher training of minimum two days in every 3 months per year to be provided to the stakeholders mentioned above by the selected bidder till the duration of the contract.
- Teachers to be trained so that they are able to use the STEM lab infrastructure for day to day teaching. An academic support program (activity sheet) to be provided to teach STEM in most interesting way
- In addition to the above modules, teachers must be trained in technology driven pedagogy, Effective lesson plans for unlocking learning blocks, Use of Innovative learning methodologies & improved classroom management skills leading to better retention, student learning outcomes and higher order thinking skills in students, and sensitizing teachers in using assessments
- Selected bidder to provide minimum one day Induction training to all key stakeholders at corporation level at a central school location (approx. 25 people)
- Post trainings, an initial assessment of the teachers to assess readiness; the selected bidder may be required to conduct further training for teachers which score poorly in the assessment test
- All the trainings (induction and fresher) should have greater emphasis on practical component with examples to conduct adaptive learning sessions, analyze student learning data and plan remediation classes
- Provision of Teacher manual with best practices on remediation for teachers in Marathi and English.
- Training logistics like Venue, refreshments, infrastructure and ensuring teacher's availability will be the responsibility of PCMC. All other arrangements and costing such as availability of trainers, travel and lodging of trainers will be the responsibility of the selected bidder.
- All the bidders to share a comprehensive training plan for both induction and refresher training of teachers and other stakeholders during Technical Evaluation stage of the RFP

- All the bidder should provide one sample lesson plan for teachers during Technical Evaluation stage of the RFP. The objective of the lesson plan is to understand the integration of the digital content to demonstrate pedagogy and expected Learning Outcome within classroom lecture.

R) Deployment of expert facilitators

- The bidder will supply expert facilitators for each of the subjects Math, Science and English per school i.e. 3 teachers per school
- The expert facilitators deployed by the bidder for the work shall be employees of the contractor for all intends and purposes
- The bidder shall have autonomy in all internal operational decisions including teacher selection, salaries, and transparent declarations of teacher's minimum qualifications
- The bidder shall be responsible for fulfilling all obligations towards teachers deployed under law, namely minimum wages act, PF act, ESI act bonus act, maternity benefit act, etc. if applicable at his own level and maintenance of such records as per rules.
- For IT cum Computer Teacher, the provided manpower must be an MCA or MSC-IT or PGDCA or BCA or B.Tech – IT/ CS
- For English Teachers, the provided manpower must be a graduate or equivalent examination recognized by UGC with concerned subject as optional subject, and, Degree or Diploma in Education (General) recognized by National Council of Teacher Education will be given preference
- For Science Teacher, the provided manpower must be a graduate or equivalent examination recognized by UGC with at least two subjects as optional subject out of the following subjects: Physics, Chemistry, Zoology, Botany, Micro-biology, Bio-technology and Bio-Chemistry, and Degree or Diploma in Education (General) recognized by National Council of Teacher Education will be given preference

S) Project Management and Helpdesk

Project Management – The bidder will be responsible for the overall project management and should ensure coordination with all the stakeholders of the project, various activities to be taken by the bidder are as follows;

- The bidder would be required to coordinate with all the stakeholders and support PCSCL while interacting with various agencies (internal and external) during the course of the project. Bidder shall build mechanisms to

ensure coordination and consultation between all key stakeholders on a continued basis to facilitate the execution of the project.

- Review / Preparation of the monitoring templates for project progress monitoring
- Use of project management tools to send periodic updates to all the stakeholders
- Submission of Weekly, Fortnightly, Monthly progress reports to the departmental

Helpdesk - The bidder will provide help desk services which will serve as a Single Point of Contact (SPOC) for all ICT related incidents and service requests. Online MIS Dashboard must be used by these help desk services for reporting all issues wr.t. the different technology solutions installed; the scope includes

- Help Desk facility for reporting issues / problems with the IT infrastructure
- Help Desk facility for reporting issues / problems with related to software and content
- The bidder shall set up all necessary channels for reporting issues to help desk. The incident reporting channels will be the following:
 - Online MIS Dashboard Help Desk system.
 - Specific E-Mail for raising a service request.
 - Dedicated toll-free Phone Number (freely reachable from landline as well as all major mobile service providers)
 - Remote assistance for quick resolution
- The helpdesk shall undertake the following activities:
 - Log issues / complaints related to IT and facility management at the school under the scope of work on the Online MIS Dashboard and issue an ID number against the issue / complaint.
 - Assign severity level to each issue / complaint.
 - Track each issue / complaint to resolution using the Online MIS Dashboard.
 - Escalate the issues / complaints, to department if necessary as per the escalation matrix to be defined in discussion with PCMC
 - Provide feedback to PCMC.
 - Analyse the issue / complaint statistics.
 - Creation of knowledge base on frequently asked questions (FAQs) to aid the users.

On department request provide detailed reports of all incidents raised by users and resolution time using Online MIS Dashboard.

The bidder shall ensure adequate manpower (at least 2 per 50 classrooms) is provided at school levels to support in raising the tickets, hardware issues, software issues and labs etc for the entire duration of the project.

T) Online MIS Dashboard

The bidder has to provide an Online MIS Dashboard for monitoring, controlling and reporting of all activities. There will be different levels of reporting, namely, Teachers, principal, PCMC. The Dashboard System will help to monitor the computers, monthly health check and should be able to produce different reports about uptime, downtime and idle time of all the systems. System will also facilitate generation of analytical reports to verify compliance with the SLA by the bidder.

| Sr. No. | Indicative Functional specifications for Online MIS Dashboard |
|---------|--|
| | <p>1. School information</p> <p>2. Academic Year Configuration</p> <p>3. Student information</p> <ul style="list-style-type: none"> i) Student name and personal details ii) Roll No. iii) Student schooling history iv) Student Performance v) Student Marks vi) Course or Training module enrolled vii) Lab Attendance viii) Student Health <p>4. Staff (Teacher/Faculty/Lab Assistant) information</p> <ul style="list-style-type: none"> i) Staff personal information ii) Faculty/ Teacher / lab Assistant Attendance iii) Faculty/ Teacher / lab Assistant Leave Records iv) Faculty/ Teacher Training Details v) Details of lectures delivered (Date, Subject of Training, Class Attended, etc.) |

| Sr. No. | Indicative Functional specifications for Online MIS Dashboard |
|---------|--|
| | <p>5. Training module feedback</p> <ul style="list-style-type: none"> i) Training module details ii) Students Feedbacks iii) Teachers Feedback <p>6. Lab Infrastructure module</p> <ul style="list-style-type: none"> i) Computer Lab Infrastructure and Smart classroom details (Computers Hardware, Printers, Software, Networking Hardware, LED Television, Back Up Devices, UPS, Web Camera, batteries etc.) ii) (Information should cover make, model, storage capacity, memory, warranty details, date of installation etc.) iii) Uptime and Downtime tracking for the lab IT Infrastructure (Computer, networking, internet, projector, UPS, UPS, etc.) iv) Acceptance test record of the Lab <p>7. Help Desk Fault Logging module</p> <ul style="list-style-type: none"> i) Fault logging (School Name, Date, Category of Issue, Issue details, Fault Logged by, Level of Issue, etc.) ii) Complaint Redressal details <p>8. Reports to be Generated: Following reports must be generated from the collected data through the system:</p> <ul style="list-style-type: none"> a. Student Demographics report <ul style="list-style-type: none"> ✓ Class wise ✓ Religion wise ✓ Boy Girls Ratio ✓ RTE reporting b. Teacher Demographics report <ul style="list-style-type: none"> ✓ Teacher Qualification wise ✓ Subject wise ✓ Grade wise ✓ Department wise ✓ Salary Group wise c. Cumulative Attendance report for Staff and Students |

| Sr. No. | Indicative Functional specifications for Online MIS Dashboard |
|---------|--|
| | <ul style="list-style-type: none"> ✓ Student Attendance ✓ Teacher Attendance ✓ Instructor Attendance ✓ Visiting Faculty d. Students examination report <ul style="list-style-type: none"> ✓ Class wise ✓ Grade wise ✓ Boy Girls Ratio ✓ Subject Wise ✓ Generate Online Marks sheet e. Student Academic report – Class section and Class section capacity details <ul style="list-style-type: none"> ✓ Subject wise ✓ Class Section wise f. Lab Assets report <ul style="list-style-type: none"> ✓ Lab Detail report ✓ SLA adherence report ✓ UP time / Down time report ✓ Item tracking report Breakdown/ Damage/Stolen/Replacement) ✓ Internet speed ✓ Uptime report g. Help Desk <ul style="list-style-type: none"> ✓ Open Tickets ✓ Closed Tickets ✓ Escalated Tickets ✓ Category wise Tickets <p>9. User Management: Should allow multi-level users Role based with access rights.</p> <p>10. Communication Management:</p> <p>11. Bulk Upload School Details: Should allow bulk upload of school details.</p> |

| Sr. No. | Indicative Functional specifications for Online MIS Dashboard |
|---------|--|
| | <p>12. Bulk Upload Student Details: Should allow bulk upload of student details.</p> <p>13. Academic Planner: Should allow to submit the curriculum to be taken in the Computer lab & Govt. should be able to track the progress of the classes being taken in the class.</p> <p>14. Activation & Usage Report: Should allow Administrator to track the activation of the content and the usage of the content online</p> <p>15. Time table & Tracking: Should allow the schools to create the timetable and the track the timetable</p> <p>16. Role Management: Should allow the administrators to create the access roles for the users</p> |

3.8 Timeline, Deliverables and Payment Schedule

The 3 years period shall commence from the "go-live" of the last school going operational. The period for last school going operational shall be 3 months from the finalization of changes (if any), upon completion of pilot project in 13 schools. This is a time bound and high priority project. It must be understood that the successful bidder has made the proposal after fully considering all such factors, which may have any bearing on the time schedule. The bidder will be responsible for timely completion of all the activities, deliverables mentioned in this RFP.

3.9 Payment and Delivery Milestones

The selected bidder would provide all relevant delivery within time from issuing work order, i.e., T = Date of Issue of Work Order

| # | Milestone | Deliverable | Timeline | Payment Terms |
|-----------------------------|--------------------------|--|-------------|----------------------|
| Implementation Phase | | | | |
| 1 | Commissioning & Sign Off | <ul style="list-style-type: none"> Submission of delivery, installation | T + 6 weeks | 80% of the total fee |

Request for Proposal

| | | | | |
|----|---------------|--|--|--|
| | | <p>and commissioning reports</p> <ul style="list-style-type: none"> • Acceptance of UAT reports by end users | | |
| 2. | Quarterly fee | <ul style="list-style-type: none"> • Teacher training reports • Reports on students | T + 7th week onwards | 5% of the total fee |
| 3 | Success Fee | <p>Quantitative:</p> <ul style="list-style-type: none"> • Average Attendance of students has increased by 5% after 1 year of the start of the program • Enrolment has increased by 5% over previous year • Dropouts have reduced by 5% over the previous year • At least 50% of the students in each class have shown 10% improved academic achievement over previous year's final assessment scores • 90% of the trained teachers in each school are using the technology as per the periods assigned to them <p>Qualitative:</p> <ul style="list-style-type: none"> • Students show improved spoken English Skills | <p>T + 18 months</p> <p>T+36 months</p> | <p>1.5% of the total fees</p> <p>3.5% of the total fees</p> |

Request for Proposal

| | | | | |
|----------|---|--|--|--|
| | | <ul style="list-style-type: none"> • Students show improved creative thinking and problem solving skills • Students show improved cooperative and team work skills | | |
| A | Total fees for 3 years | | | |
| B | Quarterly payment to be made (A-X-Y-Z)* (36/3) | | | |
| X | 80% of total fee @ installation, commissioning in 6 weeks | | | |
| Y | 1.5 % of total at 18 month based on the learning outcomes | | | |
| Z | 3.5 % of total at 36 month based on the learning outcomes | | | |

Terms & Conditions:

- a) Adherence to timelines is critical for the success of the project.
- b) PCSCCL will release the payment within 45 days of submission of valid invoice subject to the condition that invoice and all supporting documents produced are in order and work is performed as per the scope of the project, deliverables mentioned in the table above and meet the SLA Criteria. PCSCCL shall be entitled to delay or withhold the payment of a disputed invoice or part of it delivered by bidder.
- c) Payment for the pilot will be made by the PCSCCL. O and M & other by School Department, PCMC.
- d) The liability of the vendor will be limited to the total contract value
- e) Neither party is liable for indirect or consequential losses or damages, lost profits or lost revenue in relation with the project.

PCSCCL at its own discretion may decide to release partial payment for specific milestones, acceptance of which got delayed for reasons not attributable to the bidder.

3.10 Service Level Requirements/Agreements:

For delay in Go-live

In case of failure to successfully develop/install and commission the hardware, software, content, and teachers as per the timelines mentioned, a penalty of 0.1% of the contract value per week for each calendar week delay or part thereof shall be

levied subject to a maximum of 10% of the total project cost. However, cumulative delay beyond 10 weeks will be sufficient to cause for termination of the contract. In which case the Performance Bank Guarantee of the bidder may be forfeited.

For delay in updation/ rectification of issues

| Severity level | Description | Indicative list of issues | Rectification period | No. of non-functional data post rectification period | Penalty amount per ticket |
|-----------------------|--|---|-----------------------------|--|----------------------------------|
| R1 | System issues that have the greatest business impact wherein application users are not able to perform his/her regular work at a time. | Non-working of software, server, projector. | 1 working day | 1-2 days 2-5 days 6-15 days >15 days Delay beyond 15 days may result in revocation of PBG and/or annulment of contract based on discretion of customer | INR 2000 per day per ticket |
| R2 | System issues that have medium business impact wherein the user is partially able to perform | Non-working of UPS, laptop, robotics kits | 2 working days | 1-2 days 2-5 days 6-15 days >15 days Delay beyond 15 days may result in revocation of PBG | INR 1000 per day per ticket |

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| Severity level | Description | Indicative list of issues | Rectification period | No. of non-functional data post rectification period | Penalty amount per ticket |
|-----------------------|-----------------------|--|---|--|----------------------------------|
| | his/her regular work. | | | and/or annulment of contract based on discretion of customer | |
| R3 | Updation | Content updation to reflect new curriculum changes/additions , change of profile settings, screen resolution issues, | 3 months for content development & 15 days for rollout to end users | 1-15 days >15 days Delay beyond 15 days may result in revocation of PBG and/or annulment of contract based on discretion of customer | INR 1000 INR 2000 |

For delay in trainings

If the bidder fails to conduct the refresher training program of teachers as per the schedule, Penalty of INR 5,000/-per day training as per schedule will be imposed till the bidder conducts the training of teachers

For delay in Go-live

In case of failure to successfully develop/install and commission the content as per the timelines mentioned, a penalty of 0.1% of the contract value per week for each calendar week delay or part thereof shall be levied subject to a maximum of 10% of the total project cost. However, cumulative delay beyond 10 weeks will be sufficient

to cause for termination of the contract. In which case the Performance Bank Guarantee of the bidder may be forfeited.

Only delays related to making available the infrastructure by PCMC as mentioned in RFP, clarifications or CSD will be attributable to PCMC or PCSCL. The proofs of delay due to PCMC or PCSCL shall have to be provided by the vendor for its consideration.

Section: 4
General Conditions of Contract

4 General Conditions of Contract

4.1 Governing Law

The Contract shall be governed by and interpreted in accordance with the laws of India.

4.2 Settlement of Disputes

- a) Performance of the Contract is governed by the terms and conditions of the contract. In case disputes arise between the Parties regarding any matter under the contract, either Party of the contract may send a written Notice of Dispute to the other party. The Party receiving the Notice of Dispute will consider the Notice and respond to it in writing within 30 days after receipt. If that Party fails to respond within 30 days, or the Dispute cannot be amicably settled within 60 days following the response of that Party, the clauses as mentioned in this RFP shall become applicable.
- b) Arbitration:
 - i. In the case of Dispute arising upon or in relation to, or in connection with the contract between the Department and the Successful SI, which has not been settled amicably, any Party can refer the Dispute for Arbitration under (Indian) Arbitration and Conciliation Act, 1996. Such disputes shall be referred to an Arbitral Tribunal consisting of three arbitrators, one each to be appointed by the Department and the successful SI, the third arbitrator shall be chosen by the two arbitrators so appointed by the Parties and shall act as Presiding Arbitrator. In case of failure of the two arbitrators appointed by the Parties to reach a consensus regarding the appointment of the third arbitrator within a period of 30 days from the date of appointment of the two arbitrators, the Presiding arbitrator shall be appointed by the Department. The Arbitration and Conciliation Act, 1996 and any statutory modification or re-enactment thereof, shall apply to these arbitration proceedings.
 - ii. Arbitration proceedings shall be held in **Pune**, India and the language of the arbitration proceedings and that of all documents and communications between the Parties shall be English.
 - iii. The decision of the majority of arbitrators shall be final and binding upon both Parties. The expenses of the arbitrators as determined by the arbitrators shall be shared equally by the Department and the successful SI. However, the expenses incurred by each Party in connection to the preparation and presentation shall be borne by the Party itself. All arbitration awards shall be in writing and shall state the reasons for the award.

4.3 Taxes and Duties

The successful SI shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies as applicable separately.

4.4 Performance Guarantee

- a) The successful SI shall at his own expense, deposit with the Department, within twenty one (21) working days of the date of notice of Award of the Contract or prior to signing of the contract, whichever is earlier, an unconditional and irrevocable Bank Guarantee (BG) from a Nationalized bank acceptable to the Department, payable on demand (In Pune), for the due performance and fulfilment of the contract by the successful SI (Please Refer Annexure III). The performance guarantee can be in the form of BG / FD / DD.
- b) This Bank Guarantee will be for an amount equivalent to 5 percent of the complete contract value. All charges whatsoever such as premium, commission, etc., with respect to the Performance Guarantee shall be borne by the successful SI. The Performance Guarantee may be discharged/returned by the Department upon being satisfied that there has been due performance of the obligations of the successful SI under the contract. However, no interest shall be payable on the Bank Guarantee.
- c) The Department shall also be entitled to make recoveries from the SI's bills, Performance Guarantee, or from any other amount due to him, the equivalent value of any payment made to him due to inadvertence, error, collusion, misconstruction or misstatement.
- d) The Performance Guarantee shall be returned to the successful SI after receiving an indemnity bond from the SI, in case there is no penalty applicable. The SI needs to submit the No-Objection Certificate from the respective locations in order to get back the Performance Guarantee amount.
- e) In case of applicable penalty, the successful SI needs to pay-out the penalty amount to get back the Performance Guarantee or the same would be deducted from the Performance Guarantee.

4.5 Confidential Information

The Department and the successful SI shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other

Party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. The Department shall not use such documents, data, and other information received from the successful SI for any purposes unrelated to the Contract. Similarly, the successful SI shall not use such documents, data, and other information received from the Department for any purpose other than the design, procurement, or other work and services required for the performance of the Contract.

4.6 Change in Laws and Regulations

Unless otherwise specified in the Contract, if after the date of the Invitation for Bids, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the successful SI has thereby been affected in the performance of any of its obligations under the Contract.

4.7 Force Majeure

If, at any time, during the continuance of this contract the performance in whole or in part by either party of any obligation under this contract shall be prevented or delayed by reason of any war, hostility, acts of the public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restriction, strikes, lock-outs or acts of God (hereinafter referred to as "events"), provided notice of happening of any such eventuality is given by either Party to the other within 21 days from the date of occurrence thereof, neither Party shall by reason of such event, be entitled to terminate this Contract nor shall either Party have any claim for damages against the other in respect of such non- performance or delay in performance; and deliveries under the contract shall be resumed as soon as practicable after such event has come to an end or ceased to exist, and the decision of the Purchasing Officer as to whether the deliveries have been so resumed or not, shall be final and conclusive, provided further that if the performance in whole or part of any obligation under this contract is prevented or delayed by reason of any such event for a period exceeding 60 days, either party may at its option terminate the contract provided also that if the contract is terminated under this clause, the purchaser shall be at liberty take over from the contract at a price to be fixed by the Purchasing Officer which shall be final, all unused, undamaged and acceptable

materials, bought out components and stores in course of manufacture in the possession of the contractor at the time of such termination or such portion thereof as the purchaser may deem fit accepting such material, bought out components and stores as the contractor may with the concurrence of the purchaser elect to retain.

4.8 Termination

4.8.1 Termination by the Department

- a) The Department may, without prejudice to any other remedy for breach of Contract, terminate this Contract in case of the occurrence of any of the events specified in this RFP document. In such an occurrence, the Department shall give not less than 30 days' written notice of termination to the successful SI.
- b) If the successful SI does not remedy a failure in the performance of their obligations under the Contract, within thirty (30) days after being notified or within any further period as the department may have subsequently approved in writing.
- c) If the successful SI becomes insolvent or goes into liquidation, or receivership whether compulsory or voluntary.
- d) If the successful SI, in the judgment of the Department has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.
- e) If the successful SI submits to the Department a false statement which has a material effect on the rights, obligations or interests of the Department.
- f) If the successful SI places itself in a position of conflict of interest or fails to disclose promptly any conflict of interest to the Department.
- g) If the successful SI fails to provide the quality services as envisaged under this Contract, the Department may make judgment regarding the poor quality of services, the reasons for which shall be recorded in writing. The Department may decide to give one chance to the successful SI to improve the quality of the services.
- h) If the successful SI fails to comply with any final decision reached as a result of arbitration proceedings.
- i) If, as the result of Force Majeure, the successful SI is unable to perform a material portion of the Services for a period of not less than 60 days
- j) If the Department, in its sole discretion and for any reason whatsoever, decides to terminate this Contract.
- k) In the event the Department terminates the Contract in whole or in part, the Department may procure, upon such terms and in such manner as it deems

appropriate, services similar to those undelivered or not performed, and the successful SI shall be liable to the Department for any additional costs for such similar services. However, the successful SI shall continue performance of the Contract to the extent not terminated.

4.8.2 Termination by SI

The successful SI may terminate this Contract, by not less than 30 days' written notice to the department, such notice to be given after the occurrence of any of the events specified in this RFP document:

- a) If the Department fails to pay any money due to the successful SI pursuant to this Contract and not subject to dispute pursuant to relevant clauses hereof, within 45 days after receiving written notice from the successful SI that such payment is overdue.
- b) If, as the result of Force Majeure, the successful SI is unable to perform a material portion of the services for a period of not less than 60 days.
- c) If the Department fails to comply with any final decision reached as a result of arbitration pursuant this RFP document hereof.
- d) If the Department is in material breach of its obligations pursuant to this Contract and has not remedied the same within 45 days (or such longer period as the successful SI may have subsequently approved in writing) following the receipt by the Department of the successful SI's notice specifying such breach.

4.9 Payment upon Termination

Upon termination of this Contract pursuant to this RFP document, the Department shall make the following payments to the successful SI:

- a) If the Contract is terminated pursuant to this RFP document, remuneration for services satisfactorily performed prior to the effective date of termination.
- b) If the agreement is terminated pursuant of this RFP document, the successful SI shall not be entitled to receive any agreed payments upon termination of the Contract. However, the Department may consider making a payment for the part satisfactorily performed on the basis of Quantum Merit as assessed by it, if such part is of economic utility to the Department. Applicable under such circumstances, upon termination, the Department may also impose liquidated damages. The successful SI will be required to pay any such liquidated damages to the Department within 30 days of termination date.

4.10 Exit Management

Exit management shall involve the complete handover of the project to the team identified by PCSCL, which would take care of the project operations after the tenure of the bidder ends after three years. Exit Plan has to be submitted by the bidder and approved by the concerned stakeholders.

Exit procedure needs to be carried out as per approved Exit Plan. Exit Plan would include transfer of Intellectual property, transfer of assets, knowledge transfer and smooth transition from bidder operation and maintenance team to new team selected and managed by PCSCL.

The bidder shall provide exit management plan ("Exit Management Plan") which shall deal with at least the following aspects of exit management in relation to the Agreement as a whole and in relation to the Project Implementation, and the Operation and Management SLA.

4.11 Applicable laws

- a) The Contract shall be interpreted in accordance with the laws prevalent in India.
- b) Compliance with all applicable laws: The SI shall undertake to observe, adhere to, abide by, comply with and notify the Department about all laws in force or as are or as made applicable in future, pertaining to or applicable to them, their business, their employees or their obligations towards them and all purposes of this RFP and shall indemnify, keep indemnified, hold harmless, defend and protect the Department and its employees/ officers/ staff/ personnel/representatives/ agents from any failure or omission on its part to do so and against all claims or demands of liability and all consequences that may occur or arise for any default or failure on its part to conform or comply with the above and all other statutory obligations arising there from.
- c) Compliance in obtaining approvals/ permissions/ licenses: The SI shall promptly and timely obtain all such consents, permissions, approvals, licenses, etc., as may be necessary or required for any of the purposes of this project or for the conduct of their own business under any applicable Law, Government Regulation/Guidelines and shall keep the same valid and in force during the term of the project, and in the event of any failure or omission to do so, shall indemnify, keep indemnified, hold harmless, defend, protect and fully compensate the Department and its employees/ officers/ staff/ personnel/ representatives/agents from and against all claims or demands of liability and all consequences that may occur or arise for any default or failure on its part to

conform or comply with the above and all other statutory obligations arising there from and the Department will give notice of any such claim or demand of liability within reasonable time to the SI.

d) All legal disputes are subject to the jurisdiction of Civil Courts Pune only.

4.12 Assignment

Neither the Department nor the successful SI shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other Party.

Section: 5
Guidelines for responding to RFP

5 Guidelines for responding to RFP

The bidders are expected to respond to the RFP using the forms given in this section and all documents supporting Technical Evaluation Criteria.

Forms to be used in Proposal

Form 1: Undertaking on Total Responsibility

Form 2: Particulars of the Bidder

Form 3: Bank Guarantee for Earnest Money Deposit

Form 4: Compliance Sheet for Technical Proposal

Form 5: Letter of Proposal

Form 6: Project Citation Format

Form 7: Proposed Solution

Form 8: Proposed Work Plan

Form 9: Team Composition

Form 10: Manufacturers Authorization Form

Form 11: Declaration on Source Code and Intellectual Property Rights

Form 12: Undertaking on Patent Rights

Form 13: Undertaking on Compliance and Sizing of Infrastructure

Form 14: Undertaking on Service Level Compliance

Form 15: Undertaking on Deliverables

Form 16: Undertaking on Support to Third Party Solution acceptance and certification

Form 17: Declaration of Activities sub-contracted

Form 18: Undertaking on Exit Management and Transition

Form 19: Declaration that the bidder has not been blacklisted

Form 20: Covering Letter

Form 21: Financial Proposal

Form 22: Performance Bank Guarantee

Form 23: Change Control Notice (CCN) Format

5.1 Clarifications

Bidders requiring any clarification on the RFP may send their queries to the Authority in writing by speed post/ courier/ special messenger or by e-mail so as to reach before the date mentioned in the key events and date. The envelopes shall clearly bear the following identification:

“Queries concerning RFP for **“Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools”**”.

1. The authority shall endeavor to respond to the queries within the period specified therein but no later than 7 (seven) days prior to the PDD. The authority’s responses will be sent by e-mail. The authority will post the reply to all such queries on the official website and copies thereof will also be circulated to all bidders who have purchased the RFP document without identifying the source of queries.
2. The authority reserves the right not to respond to any queries or provide any clarifications, in its sole discretion, and nothing shall be construed as obliging the authority to respond to any question or to provide any clarification.

5.2 Amendment of RFP

1. At any time prior to the deadline for submission of proposal, the authority may, for any reason, whether at its own initiative or in response to clarifications requested by an bidder, modify the RFP document by the issuance of Addendum/ Amendment and posting it on the official website and by conveying the same to the prospective bidders (who have purchased the RFP document) by fax or e-mail.
2. All such amendments will be notified in writing through fax or e-mail to all bidders who have purchased the RFP document. The amendments will also be posted on the official website along with the revised RFP containing the amendments and will be binding on all bidders.
3. In order to afford the bidders a reasonable time for taking an amendment into account, or for any other reason, the bidder may, in its sole discretion, extend the tender date.

Annexure I: TECHNICAL BID TEMPLATES

Form 1: Undertaking on Total Responsibility

On the letterhead of Lead Bidder

Date:

To,
The Chief Executive Officer,
PIMPRI CHINCHWAD SMART CITY LIMITED (PCSCCL)
Mumbai-Pune Road,
Pimpri, Pune-411018

Sub: Undertaking regarding Total Responsibility

Respected Sir,

This is to certify that we undertake total responsibility for the successful and defect free operation of the proposed Project solution, as per the requirements of the RFP for **“Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools”**.

Thanking you,
Yours faithfully

(Signature of the Authorized signatory of the Bidding Organization)

Name:

Designation:

Date:

Time:

Seal:

Business Address:

Form 2: Particulars of the Bidder

| SI No. | Information sought | Details of Furnished |
|--------|--|----------------------|
| 1 | Name and address of the bidding company | |
| 2 | Incorporation status of the firm (public limited / private limited, etc.) | |
| 3 | Year of Establishment | |
| 4 | Date of registration | |
| 5 | ROC Reference No | |
| 6 | Details of company registration | |
| 7 | Details of registration with appropriate authorities for service tax and GST Certificate | |
| 8 | Name, Address, email, Phone nos. and Mobile Number of Contact Person | |

Form 3: Bank Guarantee for Earnest Money Deposit

To,
The Chief Executive Officer,
PIMPRI CHINCHWAD SMART CITY LIMITED (PCSCCL)
Mumbai-Pune Road,
Pimpri, Pune-411018

Whereas <Name of the bidder> (hereinafter called 'the Bidder') has submitted the bid for Submission of RFP # <RFP Number> dated <Date> for **“Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools”** (hereinafter called "the Bid") to Pimpri-Chinchwad Smart City Ltd. Know all Men by these presents that we are having our office at <Address> (hereinafter called "the PCSCCL") are bound unto the <<SDA>> (hereinafter called "the Purchaser") in the sum of Rs. <Amount in figures> (Rupees <Amount in words> only) for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this <Date>

The conditions of this obligation are:

1. If the Bidder having its bid withdrawn during the period of bid validity specified by the Bidder on the Bid Form; or
2. If the Bidder, having been notified of the acceptance of its bid by the Purchaser during the period of validity of bid
 - (a) Withdraws his participation from the bid during the period of validity of bid document; or
 - (b) Fails or refuses to participate in the subsequent Tender process after having been short listed;

We undertake to pay to the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to <insert date> and including <extra time over and above mandated in the RFP> from the last date of submission and any demand in respect thereof should reach the Bank not later than the above date.

NOTWITHSTANDING ANYTHING CONTAINED HEREIN:

I. Our liability under this Bank Guarantee shall not exceed Rs. <Amount in figures> (Rupees <Amount in words> only)

II. This Bank Guarantee shall be valid upto <insert date>)

III. It is condition of our liability for payment of the guaranteed amount or any part thereof arising under this Bank Guarantee that we receive a valid written claim or demand for payment under this Bank Guarantee on or before <insert date>) failing which our liability under the guarantee will automatically cease.

(Authorized Signatory of the Bank)

Seal:

Date:

Form 4: Compliance sheet for Pre-Qualification Proposal

| S.No. | Description | Document to be submitted |
|-------|--|---|
| 1 | The lead bidder & consortium partner/s should be a Registered Company in India under the Companies Act, 1956 | <ul style="list-style-type: none"> • Certificate of Incorporation • GST Registration • Income tax registration • PF registration |
| 2 | The lead bidder should be registered and should have been in existence In India for a minimum period of 5 years | <ul style="list-style-type: none"> • Certificate of Incorporation |
| 3 | The lead bidder should have an average Annual turnover of not less than Rs. 20 Cr for the last three financial years (as of 31-03-2018) | <ul style="list-style-type: none"> • Certificate from the statutory auditor on his letter head confirming annual turnover for each of the last 3 years, net profit and average annual turnover over the past three financial years |
| 4 | The lead bidder should be profitable and have positive Net Worth as on 31-03-2018 | <ul style="list-style-type: none"> • Certificate from the statutory auditor on his letter head confirming net worth as on 31-03-2018 |
| 5 | The lead bidder should have experience of working in the IT/ITES/ Education sector for a min. of 5 years as on bid submission date | <ul style="list-style-type: none"> • Work Order Copies for orders sourced in the last 5 years |
| 6 | The lead bidder or the consortium partner should have executed / executing projects provisioning of involving IT hardware or educational e-learning software, Online MIS Dashboard with educational services like teacher training, multimedia content, project monitoring in at-least 60 Government schools in last 5 years | <ul style="list-style-type: none"> • Work Order Copies for orders sourced in the last 5 years |

Request for Proposal

| S.No. | Description | Document to be submitted |
|-----------|---|--|
| 7 | <p>The lead bidder or the consortium partner should have experience in at least 2 of the below mentioned interventions in any Government schools in last 5 years;</p> <ul style="list-style-type: none"> a) E-Learning content development and deployment b) Digital education c) Teacher capacity building and mentoring d) English lab experience e) Robotics lab experience | <ul style="list-style-type: none"> • Work Order Copies for orders sourced in the last 5 years. |
| 8 | <p>The lead bidder or the consortium partner should have 20 professionals (teacher training, mentoring, instructional design, developing multi-media content, technology) on its rolls</p> | <ul style="list-style-type: none"> • A self-declaration or Certificate issued by Company's HR/Company Secretary of the company mentioning name of the employee, educational qualification, and area of expertise to be submitted. |
| 9 | <p>The lead bidder must possess valid certifications on ISO 9001:2015/ISO 20000-1:2011/CMMI 3</p> | <ul style="list-style-type: none"> • Copy of valid certificates |
| 10 | <p>The lead bidder should have direct authorization from the Original Equipment Manufacturer (OEM) for selling and supporting the components/products</p> | <ul style="list-style-type: none"> • Manufacturer Authorization Form (MAF) on the letter head of OEM duly signed and stamped for all the components/products |
| 11 | <p>The lead bidder and consortium partner/s should not have been blacklisted by any of the State/Central Government or organizations of the State/Central Government in India in the past three years.</p> | <ul style="list-style-type: none"> • Self-Declaration in this regard by the authorized signatory of the lead bidder and/or consortium partner as per the format |

Form 5: Letter of Proposal

On the letter head of Lead Bidder

To,
The Chief Executive Officer,
PIMPRI CHINCHWAD SMART CITY LIMITED (PCSCCL)
Mumbai-Pune Road,
Pimpri, Pune-411018

Date

Subject: Submission of the Technical bid for “**Selection of SI (System Integrator) for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools**”

Respected Sir

We, the undersigned, offer to provide services to the PCSCCL on “**Selection of SI (System Integrator) for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools**” with your Request for Proposal dated <insert date> and our Proposal. We are hereby submitting our Proposal, which includes this Technical bid and the Financial Bid sealed in a separate envelope.

We hereby declare that all the information and statements made in this Technical bid are true and accept that any misinterpretation contained in it may lead to our disqualification.

We undertake, if our Proposal is accepted, to initiate the Implementation services related to the assignment not later than the date indicated in Fact Sheet.

We agree to abide by all the terms and conditions of the RFP document. We would hold the terms of our bid valid for <120> days as stipulated in the RFP document.

We hereby declare that we are not insolvent, in receivership, bankrupt or being wound up, our affairs are not being administered by a court or a judicial

Request for Proposal

officer, our business activities have not been suspended and we are not the subject of legal proceedings for any of the foregoing.

Yours sincerely,

Authorized Signature [In full and initials]:

Name and Title of Signatory:

Name of Firm:

Address:

Location: _____ Date: _____

Form 6: Project Citation Format

| | | |
|--|--|-----------|
| Project Name : | | Country : |
| Project Location within Country : | Professional Staff Provided by the firm: | |
| Name and Address of the Client : Contact Details: | | |
| Start Date (M/Y) : Completion Date (M/Y) : | Approx. Value of Services: | |
| Name of Associated Firm(s) if any : | | |
| Name of Senior Staff (Project Director/Co-ordinator, Team Leader) involved and functions performed : | | |
| Narrative Description of Actual Services provided : | | |
| Description of actual services provided by your staff within the assignment: | | |

Form 7: Proposed Solution

The bidder to present on understanding of the project objectives and give demo on the following points

- Project Execution Strategy.
- E-Learning platform ease of use and innovative features for enhancing classroom pedagogy for technology-based education.
- Equipment's with Low carbon foot print, ease of use for teachers and functionality.
- Classroom Digital Learning Data Analytics
- AI Educational Analytics for class
- Any unique proposition

Form 8: Proposed Work Plan

| No | Activity | Calendar Months | | | | | | | | | | | |
|----|----------|-----------------|---|---|---|---|---|---|---|---|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |

- 1) Indicate all main activities of the assignment, including delivery of reports (e.g.: as-is, interim, and final reports).
- 2) Duration of activities shall be indicated in the form of a bar chart.
- 3) All activities should meet the 8/80 criteria i.e should at least take 8 hours and a maximum of 80 hours

Form 9: Team Composition

| Name of Staff with qualification and experience | Area of Expertise | Position Assigned | Task Assigned | Time committed for the engagement |
|--|------------------------------|------------------------------|--------------------------|--|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Form 10: Manufacturers'/Producers' Authorization Form

(This form has to be provided by the OEMs of the products proposed)

On the letter head of Lead Bidder

To,
The Chief Executive Officer,
PIMPRI CHINCHWAD SMART CITY LIMITED (PCSCCL)
Mumbai-Pune Road,
Pimpri, Pune-411018

Date

Sub: OEM Authorization Letter

Ref: Your RFP Ref: [*] dated [*]

Dear Sir,

Whereas [name of the Producer] who are established and reputable producers of [name/or description of the products] having production facilities at [address of factory] do hereby authorize [name and address of the Supplier] to submit a Tender, and subsequently negotiate and sign the Contract with you against RFP No.....dated..... for the above products produced by us.

We, M/s_____warrant all the equipment to be supplied by us against RFP No. Hereunder shall be brand new, free from all encumbrances, defects and faults in material. Workmanship and manufacturing shall be of the highest grade and quality and consistent with the established and generally accepted standards. Materials of the type ordered shall be in full conformity with the specifications, drawings or samples, if any, and shall operate properly. The items quoted by us for this tender are not obsolete and are still in production.

We, M/s.....also undertake that the spares of every equipment to be supplied by us hereunder shall be made available to PCSCCL for a period of minimum 3 years from the date of final acceptance.

Request for Proposal

We hereby extend full guarantee for the products offered for supply by our firm against the said RFP and duly authorize said firm in fulfilling all installation, technical support and maintenance obligations required by PCSCL.

[Signature for and on behalf of Producer]

Note: This letter of authority must be on the letterhead of the Producer, must be signed by a competent person.

Signature of the party with office stamp
(In token of acceptance of terms & condition)

Date:

Form 11: Declaration on Source Code and Intellectual Property Rights

On the letter head of Lead Bidder

To,
The Chief Executive Officer,
PIMPRI CHINCHWAD SMART CITY LIMITED (PCSCCL)
Mumbai-Pune Road,
Pimpri, Pune-411018

Date

Sub: Self-certificate regarding the source code and Intellectual property rights under this Project

Respected Sir,

I, authorized representative of _____, hereby solemnly affirm to the IPR and Source Code rights as defined in Clause _____ of this RFP document.

In the event of any deviation from the factual information/ declaration, PCSCCL reserves the right to terminate the Contract without any compensation to the System Integrator.

Thanking you,
Yours faithfully
(Signature of the Authorized signatory of the Bidding Organization)

Name:

Designation:

Date:

Time:

Seal:

Business Address:

Form 12: Undertaking on Patent Rights

On the letter head of Lead Bidder

To,
The Chief Executive Officer,
PIMPRI CHINCHWAD SMART CITY LIMITED (PCSCCL)
Mumbai-Pune Road,
Pimpri, Pune-411018

Date

Sub: Undertaking on Patent Rights

Respected Sir,

I/We do hereby undertake that none of the deliverables being provided by us is infringing on any patent or intellectual and industrial property rights as per the applicable laws of relevant jurisdictions having requisite competence.

I/We also confirm that there shall be no infringement of any patent or intellectual and industrial property rights as per the applicable laws of relevant jurisdictions having requisite competence, in respect of the equipment's, systems or any part thereof to be supplied by us. We shall indemnify PCSCCL against all cost/claims/legal claims/liabilities arising from third party claim in this regard at any time on account of the infringement or unauthorized use of patent or intellectual and industrial property rights of any such parties, whether such claims arise in respect of manufacture or use. Without prejudice to the aforesaid indemnity, I/We shall be responsible for the completion of the supplies including spares and uninterrupted use of the equipment and/or system or any part thereof to PCSCCL and persons authorized by PCSCCL, irrespective of the fact of claims of infringement of any or all the rights mentioned above.

If it is found that it does infringe on patent rights, I/We absolve PCSCCL of any legal action.

Yours faithfully,

(Signature of the Authorized signatory of the Bidding Organization)

Name:

Designation:

Date:

Time:

Seal:

Business Address:

Form 13: Undertaking on Compliance and Sizing of Infrastructure

On the letter head of Lead Bidder

To,
The Chief Executive Officer,
PIMPRI CHINCHWAD SMART CITY LIMITED (PCSCCL)
Mumbai-Pune Road,
Pimpri, Pune-411018

Date

Sub: Undertaking on Compliance and Sizing of Infrastructure

I/We do hereby undertake that we have proposed and sized the hardware and all software (including perennial and enterprise wide licenses, unless stated otherwise) based on information provided by PCSCCL in its RFP document and in accordance with the service level requirements and minimum specifications provided and assure PCSCCL that the sizing is for all the functionality envisaged in the RFP document.

Any augmentation of the proposed solution or sizing of any of the proposed solutions (including software and hardware) in order to meet the minimum RFP requirements and/or the requisite service level requirements given by PCSCCL will be carried out at no additional cost to PCSCCL during the entire period of Contract.

Yours faithfully,
(Signature of the Authorized signatory of the Bidding Organization)

Name:

Designation:

Date:

Time:

Seal:

Business Address:

Form 14: Undertaking on Service Level Compliance

On the letter head of Lead Bidder

To,
The Chief Executive Officer,
PIMPRI CHINCHWAD SMART CITY LIMITED (PCSCCL)
Mumbai-Pune Road,
Pimpri, Pune-411018

Date

Sub: Undertaking on Service Level Compliance

Respected Sir,

I/We do hereby undertake that we shall monitor, maintain, and comply with the service levels stated in the RFP to provide quality service to PCSCCL.

However, if the proposed resources and infrastructure are found to be insufficient in meeting the RFP and/or the service level requirements given by PCSCCL, then we will augment the same without any additional cost to PCSCCL.

Yours faithfully,
(Signature of the Authorized signatory of the Bidding Organization)

Name:

Designation:

Date:

Time:

Seal:

Business Address:

Form 15: Undertaking on Deliverables

On the letter head of Lead Bidder

To,
The Chief Executive Officer,
PIMPRI CHINCHWAD SMART CITY LIMITED (PCSCCL)
Mumbai-Pune Road,
Pimpri, Pune-411018

Date

Sub: Undertaking on Deliverables

Respected Sir,

I/We as Bidder do hereby undertake that processes, deliverables/artifacts submitted to PCSCCL will adhere to the quality and standards specified in this RFP.

We also recognize and undertake that the deliverables/artifacts shall be presented and explained to PCSCCL and other key stakeholders (identified by PCSCCL, and also take the responsibility to provide clarifications as requested by PCSCCL.

We agree to abide by the procedures laid down for acceptance and review of deliverables / artifacts by the PCSCCL as stated in this RFP or as communicated to us from time-to-time.

We also understand that the acceptance, approval and sign-off of the deliverables by PCSCCL will be done on the advice of PCSCCL and any other agency appointed by the PCSCCL for the same. We understand that while all efforts shall be made to accept and convey the acceptance of each deliverable in accordance with the Project schedule, no deliverable will be considered accepted until a specific written communication to that effect is made by PCSCCL.

Yours faithfully,

(Signature of the Authorized signatory of the Bidding Organization)

Name:

Designation:

Date:

Time:

Seal:

Business Address:

Form 16: Undertaking on Support to Third Party Solution acceptance and certification

On the letter head of Lead Bidder

To,
The Chief Executive Officer,
PIMPRI CHINCHWAD SMART CITY LIMITED (PCSCCL)
Mumbai-Pune Road,
Pimpri, Pune-411018

Date

Sub: Undertaking on Support to Third Party Solution Acceptance and Certification

Respected Sir,

I/We understand that the System (including the application and the associated IT systems) may be assessed and certified by a 3rd party agency (to be identified by PCSCCL before the system is commissioned.

I/We understand that while the certification expenses will be borne by PCSCCL, the responsibility to ensure successful acceptance and certification lies with the Bidder.

I/We hereby undertake that we shall do all that is required of the Bidder to ensure that system will meet all the conditions required for successful acceptance and certification.

Yours faithfully,
(Signature of the Authorized signatory of the Bidding Organization)

Name:

Designation:

Date:

Time:

Seal:

Business Address:

Form 17: Declaration of activities sub-contracted

On the letter head of Lead Bidder

To,
The Chief Executive Officer,
PIMPRI CHINCHWAD SMART CITY LIMITED (PCSCCL)
Mumbai-Pune Road,
Pimpri, Pune-411018

Date

Sub: Declaration on Sub-contracting

Respected Sir,

I/ We hereby declare the following list of activities which we would be sub-contracted.

| Sr No | Activity |
|-------|----------|
| | |

I/ We would be responsible for ensuring that the sub-contracted work meets the requirements of the PCSCCL.

Thanking you,

Yours faithfully

(Signature of the Authorized signatory of the Bidding Organization)

Name:

Designation:

Date:

Time:

Seal:

Business Address:

Form 18: Undertaking on Exit Management and Transition

On the letter head of Lead Bidder

To,
The Chief Executive Officer,
PIMPRI CHINCHWAD SMART CITY LIMITED (PCSCCL)
Mumbai-Pune Road,
Pimpri, Pune-411018

Date

Sub: Undertaking on Exit Management and Transition

Respected Sir,

I/We hereby undertake that at the time of completion of our engagement with the PCSCCL, either at the End of Contract or termination of Contract before planned Contract Period for any reason, we shall successfully carry out the exit management and transition of this Project to the PCSCCL or to an agency identified by PCSCCL to the satisfaction of the PCSCCL.

I/We further undertake to complete the following as part of the Exit management and transition:

- a) We undertake to complete the updation of all Project documents and other artefacts and handover the same to PCSCCL before transition.
- b) We undertake to design standard operating procedures to manage system (including application and IT systems), document the same and train PCSCCL personnel on the same.
- c) If PCSCCL decides to take over the operations and maintenance of the Project on its own or identifies or selects any other agency for providing operations & maintenance services on this Project, then we shall provide necessary handholding and transition support, which shall include but not be limited to, conducting detailed walkthrough and demonstrations for the IT Infrastructure, handing over all relevant documentation, addressing the queries/clarifications of the new agency with respect to the working / performance levels of the infrastructure, conducting Training sessions etc.

I/We also understand that the Exit management and transition will be considered complete on the basis of approval from PCSCCL.

Yours faithfully,

(Signature of the Authorized signatory of the Bidding Organization)

Name:

Designation:

Date:

Time:

Seal:

Business Address:

Form 19: Declaration that the bidder has not been blacklisted

(To be submitted on the Letterhead of the responding agency)

To,
The Chief Executive Officer,
PIMPRI CHINCHWAD SMART CITY LIMITED (PCSCCL)
Mumbai-Pune Road,
Pimpri, Pune-411018

Date

Ref: RFP Notification no <xxxx> dated <dd/mm/yy>

Subject: Self-Declaration of not been blacklisted in response to the RFP **“Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools”**

Respected Sir,

We confirm that our company, _____, is not blacklisted in any manner whatsoever by any of the State/UT and/or central government in India on any ground including but not limited to indulgence in corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice.

Place:

Date:

Bidder’s Company Seal:

Authorized Signatory’s Signature:

Authorized Signatory’s Name and Designation:

Note: The Bidder shall necessarily provide a copy of ‘Power of Attorney’ authorizing the signatory for signing the Bid on behalf of the Bidder in its Pre-Qualification Bid.

ANNEXURE II: FINANCIAL PROPOSAL TEMPLATE

Form 20: Covering Letter

To,

Date

The Chief Executive Officer,
PIMPRI CHINCHWAD SMART CITY LIMITED (PCSCCL)
Mumbai-Pune Road,
Pimpri, Pune-411018

Subject: Submission of the Financial bid for “**Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools**”

Respected Sir,

We, the undersigned, offer to provide the Implementation services for “**Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools**” in accordance with your Request for Proposal dated <Date> and our Proposal Technical and Financial Proposals). Our attached Financial Proposal is for the sum of <Amount in words and figures>. This amount is inclusive of the local taxes.

Form 21: Financial Proposal

Rate per School to be quoted as per the BOQ uploaded on tendering website

Note –

- The Bidder needs to provide the item wise unit rate as per the bill of material. PCSCCL may procure all or any components at its discretion.
- schools will be taken up as pilot project (Phase I) and learning from its operation will be used during scaling up for rest of the 110 schools

ANNEXURE III: TEMPLATE FOR PBG & CCN

Form 22: Performance Bank Guarantee

To,
The Chief Executive Officer,
PIMPRI CHINCHWAD SMART CITY LIMITED (PCSCCL)
Mumbai-Pune Road,
Pimpri, Pune-411018

Date

In consideration of PIMPRI CHINCHWAD SMART CITY LIMITED acting on behalf of the CEO & Director, PCSCCL (hereinafter referred as the "Authority", which expression shall, unless repugnant to the context or meaning thereof, include its successors, administrators and assigns) having awarded to M/s, having its office at (hereinafter referred as the "Bidder" which expression shall, unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns), vide the Authority's Agreement no. dated valued at Rs. (Rupees), (hereinafter referred to as the "Agreement") project implementation agency for [****], and the bidder having agreed to furnish a Bank Guarantee amounting to Rs..... (Rupees) to the Authority for performance of the said Agreement.

1. We, (hereinafter referred to as the "Bank") at the request of the bidder do hereby undertake to pay to the Authority an amount not exceeding Rs. (Rupees) against any loss or damage caused to or suffered or would be caused to or suffered by the Authority by reason of any breach by the said bidder of any of the terms or conditions contained in the said Agreement.

2. We, (indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this Guarantee without any demur, merely on a demand from the Authority stating that the amount/claimed is due by way of loss or damage caused to or would be caused to or suffered by the Authority by reason of breach by the said bidder of any of the terms or conditions contained in the said Agreement or by reason of the bidder's failure to perform the said Agreement. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability

under this Guarantee shall be restricted to an amount not exceeding Rs. (Rupees).

3. We, (indicate the name of Bank) undertake to pay to the Authority any money so demanded notwithstanding any dispute or disputes raised by the bidder in any suit or proceeding pending before any court or tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment thereunder and the bidder shall have no claim against us for making such payment.

4. We, (indicate the name of Bank) further agree that the Guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Agreement and that it shall continue to be enforceable till all the dues of the Authority under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till the Authority certifies that the terms and conditions of the said Agreement have been fully and properly carried out by the said bidder and accordingly discharges this Guarantee. Unless a demand or claim under this Guarantee is made on us in writing on or before a period of one year from the date of this Guarantee, we shall be discharged from all liability under this Guarantee thereafter.

5. We, (indicate the name of Bank) further agree with the Authority that the Authority shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Agreement or to extend time of performance by the said bidder from time to time or to postpone for any time or from time to time any of the powers exercisable by the Authority against the said bidder and to forbear or enforce any of the terms and conditions relating to the said Agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said bidder or for any forbearance, act or omission on the part of the Authority or any indulgence by the Authority to the said bidder or any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have the effect of so relieving us.

6. This Guarantee will not be discharged due to the change in the constitution of the Bank or the bidder(s).

7. We, (indicate the name of Bank) lastly undertake not to revoke this Guarantee during its currency except with the previous consent of the Authority in writing.

8. For the avoidance of doubt, the Bank's liability under this Guarantee shall be restricted to Rs. *** crore (Rupees ***** crore) only. The Bank shall be liable to pay

Request for Proposal

the said amount or any part thereof only if the Authority serves a written claim on the Bank in accordance with paragraph 2 hereof, on or before [*** (indicate date falling 180 days after the Bid Due Date specified in the RFQ/RFP for the Project)].

Dated, the day of 20

For

(Name of Bank)

(Signature, name and designation of the authorized signatory)

Seal of the Bank:

Form 23: Change Control Notice (CCN) Format

| | |
|---|--------------------|
| Change Control Note | CCN Number: |
| Part A: Initiation | |
| Title: | |
| Originator: | |
| Sponsor: | |
| Date of Initiation: | |
| Details of Proposed Change | |
| (To include reason for change and appropriate details/specifications. Identify any attachments as A1, A2, and A3 etc.) | |
| | |
| Authorized by : | Date |
| Name: | |
| Signature: | Date |
| Received by the IP | |
| Name | |
| Signature | |
| Change Control Note | CCN Number |
| Part B: Evaluation | |
| (Identify any attachments as B1, B2, and B3 etc.) | |
| Changes to Services, charging structure, payment profile, documentation, training, service levels and component working arrangements and any other contractual issue. | |
| Brief Description of Solution: | |
| Impact: | |
| Deliverables: | |
| Timetable: | |
| Charges for Implementation: | |
| (including a schedule of payments) | |
| Other Relevant Information: | |
| (including value-added and acceptance criteria) | |
| Authorized by the Implementation Partner | Date: |
| Name: | |
| Signature: | |

Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools



PIMPRI CHINCHWAD SMART CITY LIMITED (PCSCCL)

Draft Agreement

For

Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools

Tender No. 9/2018

Office of **The Chief Executive Officer,**
PIMPRI CHINCHWAD SMART CITY LIMITED (PCSCCL)
Tel – 020 - 67333333, 67331120
Fax – 020 27425600, 67330000
E-mail – smartcity@pcmcindia.gov.in
Website – www.pcmcindia.gov.in
www.smartcitypimprichinchwad.in

Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools

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Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools

MASTER SERVICE AGREEMENT

This Contract is made at Pimpri, Maharashtra, on this day of _____, 2018,

BETWEEN

The “Pimpri Chinchwad Smart City Limited” having its registered office at Pimpri Chinchwad Municipal Corporation, Mumbai-Pune Road, Pimpri, Pune-411018 hereinafter referred to as **"PCSCL"** (which expression unless repugnant to the context therein shall include its administrator and its assignees) of the **FIRST PART**;

AND

<NAME OF SYSTEM INTEGRATOR>, a company organized and existing under the Section of 2(20) of Companies Act, 2013, having its registered office at **<ADDRESS OF SYSTEM INTEGRATOR>**, India hereinafter referred to as **"Systems Integrator"** or **"SI"**, (which expression unless repugnant to the

Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools

context therein, shall include its successors, administrators, executors and permitted assignees), of the **SECOND PART**.

WHEREAS SI has the required professional skills, personnel and technical resources, has agreed to provide the Services on the terms and conditions set forth in this Contract and RFP and is about to perform services as specified in this RFP (hereinafter called "works") mentioned, enumerated or referred to in certain Contract conditions, specification, scope of work, other Sections of the RFP, covering letter and schedule of prices which, for the purpose of identification, have been signed by the authorized representative on behalf of <NAME OF SYSTEM INTEGRATOR> (SI) and Pimpri Chinchwad Smart City Limited (PCSCCL) and all of which are deemed to form part of the Contract as though separately set out herein and are included in the expression "Contract" whenever herein used.

NOW, THEREFORE, IT IS HEREBY AGREED between the parties as follows:

- a. PCSCCL has accepted the tender of SI for the provision and execution of the said works for the sum of INR _____ (Rupees _____), including all taxes and levies upon the terms laid out in this RFP. (as per Price Schedule attached at Proforma A)
- b. SI hereby agrees to provide Services to PCSCCL, conforming to the specified Service Levels and conditions set out hereunder.
- c. The following documents attached hereto shall be deemed to form an integral part of this Contract:
 - Complete Request for Proposal, clarifications, common set of deviations, and addendum
 - Proposal submitted by _____ including the technical and financial proposal including any clarifications sought.
- d. The mutual rights and obligations of the "PCSCCL" and SI shall be as set forth in the Contract, in particular:
 - SI shall carry out and complete the Services in accordance with the provisions of the Contract
 - The "PCSCCL" shall make payments to SI in accordance with the provisions of the Contract

NOW THESE PRESENTS WITNESS and the parties hereto hereby agree and declare as follows, that is to say, in consideration of the payments to be made to SI by PCSCCL as hereinafter mentioned, SI shall deliver the services for the said works and shall do and perform all other works and things in the Contract mentioned or described or which are implied there from or there in respectively or may be reasonably necessary for the completion of the said works within and at the times and in the manner and subject to the terms, conditions and stipulations mentioned in the said Contract.

AND in consideration of services and milestones, PCSCCL shall pay to SI the said sum of INR _____ (Rupees _____), including all taxes and levies or such other sums as may become payable to SI under the provisions of this Contract, such payments to be made at such time and in such manner as is provided by the Contract.

Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools

A. General Conditions of Contract (GCC)

1. Definition of Terms

- 1.1. **“Acceptance of System”**: The system shall be accepted by PCSCL, subsequent to its installation, commissioning of IT and non-IT equipment at all the project locations and successful rollout of services at all project locations, deployment of trained manpower, when all the activities as defined in section 3 of the RFP.
- 1.2. of the RFP have been successfully executed and completed to the satisfaction of PCSCL.

The SI shall achieve operational acceptance of the complete solutions as defined in the RFP in accordance with the time schedule specified in the implementation schedule, scope of work, technical requirements, design considerations Section and any refinements made in the agreed and finalized project plan, or within the timeframe the SI has been provided by PCSCL.

As soon as the System or any subsystem, has, in the opinion of SI, been delivered, commissioned, and made in accordance with the technical requirements of the RFP as per the agreed and finalized Project plan, SI shall notify PCSCL in writing.

PCSCL shall after receipt of SI's notice, either issue an installation certificate, stating that the system, or major component or subsystem (if Acceptance by major component or subsystem) has achieved Installation by the date of SI's notice under or notify SI in writing of any defects and/or deficiencies, including, but not limited to, defects or deficiencies in the interoperability or integration of the various components and/or subsystems making up the System.

System Integrator (SI) shall use all reasonable endeavors to promptly remedy any defect and/or deficiencies that notified by PCSCL.

SI shall then promptly carry out retesting of the system or subsystem and, when in SI's opinion the system or subsystem is ready for commissioning and operational acceptance testing, notify PCSCL in writing. The procedure shall be repeated, as necessary, until an Installation certificate is issued. The acceptance criteria shall inter-alia include, but not limited to:

- Installation and commissioning of all the Hardware & Software supplied as part of the Project, clearly documented and demonstrated. The documents would include but not limited to SRS, FRS, and BCP etc.
- Functional Acceptance Criteria – Demonstration of tasks, business processes or functions which PCSCL has listed out in the RFP as Functional & Non-functional requirement design considerations
- Submission of manuals, design documents, training materials and other necessary documents
- Training to personnel identified by PCSCL as per the project plan & SI proposal
- Summary of test cases and execution results to prove that the acceptance criteria have been met

Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools

- 1.3. **“Applicable Law(s)”**: Any statute, law, ordinance, notification, rule, regulation, judgment, order, decree, bye-law, approval, directive, guideline, policy, requirement or other governmental restriction or any similar form of decision applicable to the relevant party and as may be in effect on the date of the execution of this Contract and during the subsistence thereof, applicable to the Project.
- 1.4. **“PCSCL”** means the Pimpri Chinchwad Smart City Limited
- 1.5. **“System Integrator (SI)”** means the selected bidder i.e. <NAME OF SYSTEM INTEGRATOR> or Substitute System Integrator, as the case may be, who shall carry out all the services mentioned in the scope of work of the RFP.
- 1.6. **“Contract”** means the agreement entered into, by the parties, with the entire documentation specified in the RFP.
- 1.7. **“Contract Value”** means the price payable to SI under this Contract for the full and proper performance of its contractual obligations.
- 1.8. **“Commercial Off-The-Shelf (COTS)”** refers to software products that are ready-made and available for sale, lease, or license to the general public.
- 1.9. **“Data Centre Site”** means the Data Centre sites including their respective Data Centre space, wherein the delivery, installation, integration, management and maintenance services as specified under the scope of work are to be carried out for the purpose of this contract.
- 1.10. **“Document”** means any embodiment of any text or image however recorded and includes any data, text, images, sound, voice, codes, databases or any other electronic documents as per IT Act 2000.
- 1.11. **“Effective Date”** means the date on which this Contract is signed and executed by the parties hereto. If this Contract is executed in parts, then the date on which the last of such Contracts is executed shall be construed to be the Effective Date.
- 1.12. **“GCC”** means General Conditions of Contract mentioned in 4th section of the RFP and 1st part of the agreement.
- 1.13. **“Goods”** means all of the equipment, sub-systems, hardware, products accessories, software and/or other material / items which SI is required to supply, install and maintain under the contract.
- 1.14. **“DIT, GoM”** means Directorate of Information Technology, Government of Maharashtra
- 1.15. **“PCMC”** means the Pimpri Chinchwad Municipal Corporation
- 1.16. **“PCMC HO”** means the Pimpri Chinchwad Municipal Corporation Head Office, Pimpri
- 1.17. **“City Operation Center”** means the center from where Pimpri Chinchwad Smart City Limited would conduct surveillance on civil issues on the entire Pimpri Chinchwad City.
- 1.18. **“Intellectual Property Rights”** means any patent, copyright, trademark, trade name, service marks, brands, proprietary information whether arising before or after the execution of this Contract and the right to ownership and registration of these rights.
- 1.19. **“Go-Live”** means commissioning of project post design, development and implementation, including training as per scope of work mentioned in the RFP. SI should have the approval from PCSCL for user acceptance testing.
- 1.20. **“Notice”** means a consent, approval or other communication required to be in writing under this Contract.
- 1.21. **“OEM”** means the **Original Equipment Manufacturer of any equipment / system / software / product** which are providing such goods to PCSCL under the scope of this RFP.

Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools

- 1.22. **“SI’s Team”** means SI who has to provide goods & services to PCSCL under the scope of this Contract. This definition shall also include any and/or all of the employees of SI, authorized service providers/ partners and representatives or other personnel employed or engaged either directly or indirectly by SI for the purposes of this Contract.
- 1.23. **“Substitute System Integrator”** means the organization replacing SI in case of contract termination for any reasons
- 1.24. **“Sub-Contractor”** shall mean the entity named in the contract for any part of the work as mentioned in 2.6 of the RFP been sublet with the consent in writing of PCSCL and the heirs, legal representatives, successors and assignees of such person.
- 1.25. **“SCC”** means Special Conditions of Contract.
- 1.26. **“Services”** means the work to be performed by SI pursuant to this RFP and to the contract to be signed by the parties in pursuance of any specific assignment awarded by PCSCL.

2. Interpretation

In this Agreement, unless otherwise specified:

- a) references to Clauses, Sub-Clauses, Paragraphs, Schedules and Annexures are to clauses, sub-clauses, paragraphs, schedules and annexures to this Agreement;
- b) use of any gender includes the other genders;
- c) references to a ‘company’ shall be construed so as to include any company, corporation or other body corporate, wherever and however incorporated or established;
- d) references to a ‘person’ shall be construed so as to include any individual, firm, company, government, state or agency of a state, local or municipal authority or government body or any joint venture, association or partnership (whether or not having separate legal personality);
- e) a reference to any statute or statutory provision shall be construed as a reference to the same as it may have been, or may from time to time be, amended, modified or re-enacted;
- f) any reference to a ‘day’ (including within the phrase ‘business day’) shall mean a period of 24 hours running from midnight to midnight;
- g) references to a ‘business day’ shall be construed as a reference to a day (other than a Sunday) on which banks in the state of Maharashtra are generally open for business;
- h) references to times are to Indian Standard Time;
- i) a reference to any other document referred to in this Agreement is a reference to that other document as amended, varied, novated or supplemented at any time; and
- j) All headings and titles are inserted for convenience only. They are to be ignored in the interpretation of this Agreement.
- k) System integrator (SI) has been used for the same entity i.e. bidder selected for the project.

3. Measurements and Arithmetic Conventions

- 3.1. All measurements and calculations shall be in the metric system and calculations done to two decimal places, with the third digit of five or above being rounded up and below five being rounded down except in money calculations where such amounts shall be rounded off to the nearest INR.

Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools

4. Ambiguities within Agreement

- 4.1.** In case of ambiguities or discrepancies within this Agreement, the following principles shall apply:
- a) as between two Clauses of this Agreement, the provisions of a specific Clause relevant to the issue under consideration shall prevail over those in a general Clause;
 - b) as between the provisions of this Agreement and the Schedules/Annexures, the Agreement shall prevail, save and except as expressly provided otherwise in the Agreement or the Schedules/Annexures; and
 - c) As between any value written in numerals and that in words, the value in words shall prevail.

5. Priority of Documents

This Agreement, including its Schedules and Annexures, represents the entire agreement between the Parties as noted in this Clause. If in the event of a dispute as to the interpretation or meaning of this Agreement it should be necessary for the Parties to refer to documents forming part of the bidding process leading to this Agreement, then such documents shall be relied upon and interpreted in the following descending order of priority:

- a) This Agreement along with
- b) NDA agreement, if any
- c) Schedules and Annexures;
- d) the RFP along with subsequently issued corrigendum and addendums
- e) Technical and financial proposal submitted by the successful bidder, to the extent they along with subsequently issued clarifications furnished by the System Integrator in response to the RFP, to the extent they are not inconsistent with any terms of the RFP.

For the avoidance of doubt, it is expressly clarified that in the event of a conflict between this Agreement, Annexures / Schedules or the contents of the RFP, the terms of this Agreement shall prevail over the Annexures / Schedules and Annexures / Schedules shall prevail over the contents and specifications of the RFP.

6. Scope of work

- 6.1.** Scope of the work as defined in **RFP** and Annexures thereto of the tender and subsequent pre bid clarifications, corrigendum/addendum, if any.
- 6.2.** The brief scope of work is as follows;
- 6.2.1. Creating EdTech grade level interventions with provisioning of Smart Digital Classroom with e-learning platform for each division for every grade in a school
 - 6.2.2. Creation of Computer Lab
 - 6.2.3. Creation of STEM Lab
 - 6.2.4. Capacity building for teacher
 - 6.2.5. BALA
 - 6.2.6. Project management activities

Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools

6.2.7. Helpdesk

6.2.8. Implementation and operations of the smart class for the project period defined in the RFP
PCSCLPCSCLPCSCL

7. Term and Duration of the Agreement

7.1. This Agreement shall come into effect on <DD/MM/YYYY> (hereinafter the 'Effective Date') and shall continue till operation and maintenance completion date which shall be the date of the completion of the operation and maintenance to PCSCL or its nominated agencies.

8. Conditions Precedent & Effective Date

8.1. Provisions to take effect upon fulfillment of Conditions Precedent

- a) Subject to express terms to the contrary, the rights and obligations under this Agreement shall take effect only upon fulfillment of all the Conditions Precedent set out below. However, PCSCL or its nominated agencies may at any time at its sole discretion waive fully or partially any of the Conditions Precedent for the System Integrator.
- b) For the avoidance of doubt, it is expressly clarified that the obligations of the Parties (or its nominated agencies) under this Agreement shall commence from the fulfillment of the Conditions Precedent as set forth below.

8.2. Conditions Precedent of the Implementing Partner

The System Integrator shall be required to fulfill the Conditions Precedent which is as follows:

- a) To provide a Performance Security/Guarantee and other guarantees/ payments within Twenty One (21) days of the receipt of notification of award from PCSCL; and
- b) To provide PCSCL or its nominated agencies certified true copies of its constitutional documents and board resolutions authorizing the execution, delivery and performance of this Agreement by the System Integrator (optional).

8.3. Conditions Precedent of PCSCL

PCSCL shall be required to fulfill the Conditions Precedents, which are as follows:

- a) Necessary clearances associated with the execution of the project, unless specified to be performed by the SI
- b) Approval of the Project by a Competent Authority, etc.

8.4. Extension of time for fulfillment of Conditions Precedent

The Parties may, by mutual agreement extend the time for fulfilling the Conditions Precedent and the Term of this Agreement.

8.5. Non-fulfillment of the System Integrator's Conditions Precedent

Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools

- a) In the event that any of the Conditions Precedent of the System Integrator have not been fulfilled within Twenty One (21) days of signing of this Agreement and the same have not been waived fully or partially by PCSCL or its nominated agencies, this Agreement shall cease to exist;
- b) In the event that the Agreement fails to come into effect on account of non-fulfillment of the System Integrator's Conditions Precedent, PCSCL or its nominated agencies shall not be liable in any manner whatsoever to the System Integrator and PCSCL shall forthwith forfeit the Earnest Money Deposit.
- c) In the event that possession of any of PCSCL or its nominated agencies facilities has been delivered to the System Integrator prior to the fulfillment of the Conditions Precedent, upon the termination of this Agreement such shall immediately revert to PCSCL or its nominated agencies, free and clear from any encumbrances or claims.

9. Commencement and Progress

- 9.1. SI shall subject to the fulfillment of the conditions precedent above, commence the performance of its obligations in a manner as per the Scope of Work (Section 3 of the RFP).
- 9.2. SI shall proceed to carry out the activities / services with diligence and expedition in accordance with any stipulation as to the time, manner, mode, and method of execution contained in this Contract.
- 9.3. SI shall be responsible for and shall ensure that all activities / services are performed in accordance with the Contract, RFP Scope of Work and Service Specifications and that SI's Team complies with such specifications and all other standards, terms and other stipulations/conditions set out hereunder.

10. Standards of Performance

- 10.1. SI shall perform the services and carry out its obligations under the Contract with due diligence, efficiency and economy, in accordance with generally accepted techniques and best practices used in the industry and with IT standards recognized by international professional bodies and shall observe sound management, engineering and security practices. It shall employ appropriate advanced technology and engineering practices and safe and effective equipment, machinery, material and methods. SI shall always act, in respect of any matter relating to the Contract, as faithful advisors to PCSCL and shall, at all times, support and safeguard PCSCL's legitimate interests in any dealings with Third Parties.

11. Approvals and Required Consents

- 11.1. The Parties shall cooperate to procure, maintain and observe all relevant, regulatory and governmental licenses, clearances and applicable approvals (hereinafter the "Required Consents") necessary for the System Integrator to provide the services. The costs of such approvals shall be borne by the Party normally responsible for such costs according to local custom and practice in the locations where the Services are to be provided. PCSCL shall also provide necessary support to SI in obtaining the approvals. In the event that any approval is not obtained, SI and PCSCL shall co-operate with each other in achieving a reasonable alternative arrangement as soon as reasonably practicable for PCSCL and at the discretion of PCSCL without any adverse impact on PCSCL's interest including but not limited to additional

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time/expenditure, to continue to process its work with as minimal interruption to its business operations as is commercially reasonable until such approval is obtained, provided that SI shall not be relieved of its obligations to provide the Services and to achieve the service levels until the Approvals are obtained if and to the extent that SI 's obligations are dependent upon such Approvals.

- 11.2. PCSCCL or its nominated agencies shall use reasonable endeavors to assist System Integrator to obtain the Required Consent. In the event that any Required Consent is not obtained, the System Integrator and PCSCCL or its nominated agencies will co-operate with each other in achieving a reasonable alternative arrangement as early and as reasonably practicable for PCSCCL or its nominated agencies to continue to process its work with as minimal interruption to its business operations as is commercially reasonable until such Required Consent is obtained, provided that the System Integrator shall not be relieved of its obligations to provide the Services and to achieve the Service Levels until the Required Consents are obtained to the extent that the System Integrator's obligations are not dependent upon such Required Consents.

12. SI's Obligations

- 12.1. SI's obligations shall include all the activities as specified by PCSCCL in the Scope of Work and other Sections of the RFP and Contract and changes thereof to enable PCSCCL to meet the objectives and operational requirements. It shall be SI's responsibility to ensure the proper and successful implementation, performance and continued operation of the proposed solution in accordance with and in strict adherence to the terms of his Bid, the Tender and this Contract.
- 12.2. In addition to the aforementioned, SI shall provide services to manage and maintain the said system and infrastructure as mentioned in RFP.
- 12.3. PCSCCL reserves the right to interview the personnel proposed that shall be deployed as part of the project team. If found unsuitable, PCSCCL may reject the deployment of the personnel. But ultimate responsibility of the project implementation shall lie with SI.
- 12.4. PCSCCL reserves the right to require changes in personnel which shall be communicated to SI. SI with the prior approval of PCSCCL may make additions to the project team. SI shall provide PCSCCL with the resume of Key Personnel and provide such other information as PCSCCL may reasonably require. PCSCCL also reserves the right to interview the personnel and reject, if found unsuitable. In case of change in its team members, for any reason whatsoever, SI shall also ensure that the exiting members are replaced with at least equally qualified and professionally competent members.
- 12.5. SI shall ensure that none of the Key Personnel, proposed, exit from the project during the project implementation Phase.
- 12.6. SI should submit profiles of only those resources that shall be deployed on the project. Any change of resource should be approved by PCSCCL and compensated with equivalent or better resource.
- 12.7. In case of change in its team members, SI shall ensure a reasonable amount of time overlap in activities to ensure proper knowledge transfer and handover / takeover of documents and other relevant materials between the outgoing and the new member.
- 12.8. SI shall ensure that SI's team is competent, professional and possesses the requisite qualifications and experience appropriate to the task they are required to perform under this Contract. SI shall ensure that the services are performed through the efforts of SI's Team, in accordance with the terms hereof and to the satisfaction of PCSCCL. Nothing in this Contract

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- relieves SI from its liabilities or obligations under this Contract to provide the Services in accordance with PCSCL's directions and requirements and as stated in this Contract and the Bid to the extent accepted by PCSCL and SI shall be liable for any non-performance, non-compliance, breach or other loss and damage resulting either directly or indirectly by or on account of the SI's Team.
- 12.9.** SI shall be fully responsible for deployment / installation / development / networking inside the schools and integration of all the software and hardware components and resolve any problems / issues that may arise due to integration of components.
- 12.10.** SI shall ensure that the OEMs supply equipment / components including associated accessories and software required and shall support SI in the installation, commissioning, integration and maintenance of these components during the entire period of contract. SI shall ensure that the COTS OEMs supply the software applications and shall support SI in the installation / deployment, integration, roll-out and maintenance of these applications during the entire period of contract. It must clearly be understood by SI that warranty and AMC of the system, products and services incorporated as part of system would commence from the day of Go-Live of system as a complete solutions including all the solutions proposed. SI would be required to explicitly display that they have a back to back arrangement for provisioning of warranty / AMC support till the end of contract period with the relevant OEMs. The annual maintenance support shall include patches and updates of the software, hardware components and other devices.
- 12.11.** All the software licenses that SI proposes should be perpetual software licenses. Licenses should be in the name of PCSCL/end user. The software licenses shall not be restricted based on location and PCSCL/end user should have the flexibility to use the software licenses for other requirements if required, provided the same does not violate the usage rights agreed with the original manufacturer.
- 12.12.** All the OEMs that SI proposes should have dealer possession licenses.
- 12.13.** PCSCL reserves the right to review the terms of the Warranty and Annual Maintenance Agreements entered into between SI and OEMs and no such agreement/contract shall be executed, amended, modified and/or terminated without the prior written consent of PCSCL. An executed copy of each of such agreements/contracts shall, immediately upon execution be submitted by SI to PCSCL.
- 12.14.** Alternatively, the SI can also submit an undertaking on company letterhead in this regard (specifying broadly the terms of the Warranty and Annual Maintenance Agreements entered into between the SI and OEM) signed by a competent authority of SI/OEM.
- 12.15.** SI shall ensure that none of the components and sub-components is declared end-of-sale or end-of-support by the respective OEM at the time of submission of bid. If the OEM declares any of the products/ solutions end-of-sale subsequently, the SI shall ensure that the same is supported by the respective OEM for the entire contract period. Undertaking on company letterhead in this regard signed by the Global CEO or the Country head of OEM/SI shall be submitted by SI.
- 12.16.** If a product is de-supported by the OEM for any reason whatsoever, from the date of Acceptance of the System till the end of contract, SI should replace the products/ solutions with an alternate that is acceptable to PCSCL at no additional cost to PCSCL and without causing any performance degradation.
- 12.17.** All the Licenses will be in the name of PCSCL only.
- 12.18.** SI shall ensure that the OEMs provide the support and assistance to SI in case of any problems / issues arising due to integration of components supplied by SI with any other component(s) / product(s) under the purview of the overall solution. If the same is not resolved for any reason

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- whatsoever, SI shall replace the required component(s) with an equivalent or better substitute that is acceptable to PCSCCL without any additional cost to PCSCCL and without impacting the performance of the solution in any manner whatsoever.
- 12.19.** SI shall ensure that the OEMs for hardware servers/equipment supply and/or install all type of updates, patches, fixes and/or bug fixes for the firmware or software from time to time at no additional cost to PCSCCL.
- 12.20.** SI shall ensure that the OEMs for hardware servers/ equipment or SI's trained engineers conduct the preventive maintenance on a Quarterly basis and break-fix maintenance in accordance with the best practices followed in the industry. SI shall ensure that the documentation and training services associated with the components shall be provided by the OEM partner or OEM's certified training partner without any additional cost to PCSCCL.
- 12.21.** SI and their personnel/representative shall not alter / change / replace any hardware component proprietary to PCSCCL and/or under warranty or AMC of third party without prior consent of PCSCCL.
- 12.22.** SI representative(s) shall have all the powers requisite for the execution of scope of work and performance of services under this contract. SI representative(s) shall liaise with PCSCCL's representative for the proper coordination and timely completion of the works and on any other matters pertaining to the works. SI shall extend full co-operation to PCSCCL's representative in the manner required by them for supervision/ inspection/ observation of the equipment/ goods/ material, procedures, performance, progress, reports and records pertaining to the works. He shall also have complete charge of SI's personnel engaged in the performance of the works and to ensure compliance of rules, regulations and safety practice. He shall also cooperate with the other Service Providers/Vendors of PCSCCL working at PCSCCL's office locations & field locations and DC sites. Such SI representative(s) shall be available to PCSCCL's Representative at respective Data Centre during the execution of works.
- 12.23.** SI shall be responsible on an ongoing basis for coordination with other vendors and agencies of PCSCCL in order to resolve issues and oversee implementation of the same. SI shall also be responsible for resolving conflicts between vendors in case of borderline integration issues.
- 12.24.** SI's shall adhere with the followings:
- 12.24.1. The products, solutions, goods and services etc. quoted by them, shall fulfil all the RFP requirements including but not limited to OEM compliance and technical specifications etc. In case any of the quoted products, solutions, goods and services etc. do not meet any of the RFP requirements, SI is liable to provide requisite substitution/alternate to fulfil the RFP requirements by the approval of PCSCCL, without any delay in Project timelines or additional cost to PCSCCL.
 - 12.24.2. SI's submitted bid is prepared in conformance of the RFP requirement in totality and any deficiency in the quoted BoM shall be fulfilled by SI without any enhancement in the quoted project cost in its financial bid or change in the project timelines & SLAs.
 - 12.24.3. In case there is any deviation to the BoQ line items marked as "as per requirement" quantities during the project implementation phase, for fulfilling the RFP & project requirements, the same shall be borne by SI without any upward revision in the amount payable by PCSCCL for these line items and the payment by PCSCCL shall be as per the quantity proposed by SI as part of their Unpriced BOM or on actuals whichever is lower.
 - 12.24.4. Any reference of payment to the SI on actual basis, anywhere in the RFP, only means that, for any reasons if PCSCCL at any stage decides to enhance or truncates the scope of work leading to increase or decrease in the no. of hardware components/devices than the one prescribed in the RFP or in the response of the SI, the payment for the

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same shall be made for such additional or lower number on the basis of the respective line item unit cost prescribed by the SI as part of their financial bid.

12.25. Change of Control:

- a. In the event of a change of control of the System Integrator during the term, the System Integrator shall promptly notify PCSCL and/or its nominated agencies of the same.
- b. In the event that the net worth of the surviving entity is less than that of System Integrator prior to the change of control, PCSCL or its nominated agencies may within thirty (30) days of becoming aware of such change in control, require a replacement of existing Performance Guarantee furnished by the System Integrator from a guarantor acceptable to PCSCL or its nominated agencies (which shall not be System Integrator or any of its associated entities).
- c. If such a guarantee is not furnished within thirty (30) days of PCSCL or its nominated agencies requiring the replacement, PCSCL may exercise its right to terminate the SLA and/ or this Agreement within a further thirty (30) days by written notice, to become effective as specified in such notice.
- d. Pursuant to termination, the effects of termination as set out in Clause 37 of this Agreement shall follow.
- e. For the avoidance of doubt, it is expressly clarified that the internal reorganization of the System Integrator shall not be deemed an event of a change of control for purposes of this Clause unless the surviving entity is of less net worth than the predecessor entity.

12.26. Final Testing and Certification

The Project shall be governed by the mechanism of final acceptance testing and certification to be put into place by PCSCL and System Integrator as under:

- a) Final testing and certification criteria will lay down a set of guidelines following internationally accepted norms and standards for testing and certification for all aspects of project development and implementation covering software, hardware and networking including the processes relating to the design of solution architecture, design of systems and sub- systems, coding, testing, business process description, documentation, version control, change management, security, service oriented architecture, performance in relation to compliance with SLA metrics, interoperability, scalability, availability and compliance with all the technical and functional requirements of the RFP and this Agreement;
- b) Final testing and certification criteria will be finalized from the development stage to ensure that the guidelines are being followed and to avoid large scale modifications pursuant to testing done after the application is fully developed;
- c) Final testing and certification criteria will consider conducting specific tests on the software, hardware, networking, security and all other aspects;
- d) Final testing and certification criteria will establish appropriate processes for notifying the System Integrator of any deviations from the norms, standards or guidelines at the earliest instance after taking cognizance of the same to enable the System Integrator to take corrective action; etc.
- e) The Parties shall each ensure that the range of the Services under the SLA shall not be varied, reduced or increased except with the prior written agreement between PCSCL and System Integrator in accordance with the Change Control Schedule set out in Annex II of this Agreement.

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- f) Save for the express terms of the Terms of Payment Schedule set out of this Agreement, PCSCCL or its nominated agencies and its users may purchase any particular category of Services that may become necessary as per the Change Control Schedule set out in Annex II of this Agreement, without the need to go for a separate procurement process.

12.27. Use of Assets by the System Integrator

During the Term the System Integrator shall:

- a) take all reasonable and proper care of the entire hardware and software, network or any other information technology infrastructure components used for the Project and other facilities leased / owned / operated by the System Integrator exclusively in terms of ensuring their usability for the delivery of the Services as per this Agreement (hereinafter the “Assets”) in proportion to their use and control of such Assets; and
- b) Keep all the tangible Assets in as good and serviceable condition (reasonable wear and tear excepted) as at the date the System Integrator takes control of and/or first uses the Assets and during the entire Term of the Agreement.
- c) ensure that any instructions or manuals supplied by the manufacturer of the Assets for use of the Assets and which are provided to the System Integrator will be followed by the System Integrator and any person who will be responsible for the use of the Assets;
- d) take such steps as may be properly recommended by the manufacturer of the Assets and notified to the System Integrator or as may, in the reasonable opinion of the System Integrator, be necessary to use the Assets in a safe manner;
- e) ensure that the Assets that are under the control of the System Integrator, are kept suitably housed and in conformity with Applicable Law;
- f) procure permission from PCSCCL or its nominated agencies and any persons duly authorized by them to enter any land or premises on which the Assets are for the time being sited so as to inspect the same, subject to any reasonable third party requirements;
- g) not knowingly or negligently use or permit any of the Assets to be used in contravention of any statutory provisions or regulation or in any way contrary to Applicable Law

12.28. Access to Sites

12.28.1. For so long as the System Integrator provides services to PCSCCL or its nominated agencies location, as the case may be, on a non-permanent basis and to the extent necessary, PCSCCL as the case may be or its nominated agencies shall, subject to compliance by the System Integrator with any safety and security guidelines which may be provided by PCSCCL as the case may be or its nominated agencies and notified to the System Integrator in writing, provide the System Integrator with:

- a) reasonable access, in the same manner granted to PCSCCL or its nominated agencies employees, to PCSCCL as the case may be location twenty-four hours a day, seven days a week;
- b) reasonable work space, access to office equipment as mutually agreed and other related support services in such location and at such other PCSCCL as the case may be location, if any, as may be reasonably necessary for the System Integrator to perform its obligations hereunder and under the SLA

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- 12.28.2. Access to locations, office equipment and services shall be made available to the System Integrator (as per scope of work defined in the tender) by PCSCL as the case may be or its nominated agencies. The System Integrator agrees to ensure that its employees, agents and contractors shall not use the location, services and equipment referred to in RFP for the following purposes:
- a) for the transmission of any material which is defamatory, offensive or abusive or of an obscene or menacing character; or
 - b) in a manner which constitutes a violation or infringement of the rights of any person, firm or company (including but not limited to rights of copyright or confidentiality)

12.29. Start of Installation

- 12.29.1. SI shall co-ordinate with PCSCL and stakeholders for the complete setup of sites before commencement of installation as mentioned in Scope of Work of the RFP I document. SI shall also co-ordinate regarding Network / Bandwidth connectivity in order to prepare the installation plan and detailed design / architectural design documents.
- 12.29.2. As per TRAI guidelines, resale of bandwidth connectivity is not allowed. In such a case tripartite agreement should be formed between PCSCL, SI and Internet Service Provider(s).
- 12.29.3. The plan and design documents thus developed shall be submitted by SI for approval by PCSCL.
- 12.29.4. After obtaining the approval from PCSCL, SI shall commence the installation of the systems.
- 12.29.5. It shall be the responsibility of SI to get all the necessary permission(s). PCSCL shall provide the necessary support for getting such permissions. Obtaining RoW permissions from concerned authorities shall be the responsibility of SI. No charge for RoW shall be levied.

12.30. Management Phase

12.30.1. Governance

The review and management process of this Agreement shall be carried out in accordance with the Governance Schedule set out in Annex IV of this document and shall cover all the management aspects of the Project.

12.30.2. Use of Services

- a) PCSCL as the case may be or its nominated agencies, will undertake and use the Services in accordance with any instructions or procedures as per the acceptance criteria as set out in the SLA or this Agreement or any agreement that may be entered into between the Parties from time to time;
- b) PCSCL as the case may be or its nominated agencies shall be responsible for the operation and use of the Deliverables resulting from the Services

12.30.3. Changes

Unless expressly dealt with elsewhere in this Agreement, any changes under or to this Agreement or under or to the SLA shall be dealt with in accordance with the Change Control Schedule set out in Annex II of this Agreement.

12.30.4. Security and Safety

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- a) The System Integrator shall comply with the technical requirements of the relevant security, safety and other requirements specified in the Information Technology Act or Telegraph Act including the regulations issued by dept. of telecom (wherever applicable), IT Security Manual of PCSCCL as specifically stated in the RFP and follow the industry standards related to safety and security (including those as stated in the RFP), insofar as it applies to the provision of the Services.
- b) Each Party to the SLA/Agreement shall also comply with PCSCCL or the Government of India, and the respective State's security standards and policies in force from time to time at each location of which PCSCCL or its nominated agencies make the System Integrator aware in writing insofar as the same apply to the provision of the Services.
- c) The Parties to the SLA/Agreement shall use reasonable endeavors to report forthwith in writing to each other all identified attempts (whether successful or not) by unauthorized persons (including unauthorized persons who are employees of any Party) either to gain access to or interfere with PCSCCL as the case may be or any of their nominees data, facilities or Confidential Information.
- d) The System Integrator shall upon reasonable request by PCSCCL as the case may be or their nominee(s) participate in regular meetings when safety and information technology security matters are reviewed.
- e) As per the provisions of the SLA or this Agreement, the System Integrator shall promptly report in writing to PCSCCL or its nominated agencies, any act or omission which they are aware that could have an adverse effect on the proper conduct of safety and information technology security at the facilities of PCSCCL as the case may be.

12.30.5. Co-operation

Except as otherwise provided elsewhere in this Agreement or the SLA, each Party ("Providing Party") to this Agreement or to the SLA undertakes promptly to provide the other Party ("Receiving Party") with all such information and co-operation which the Receiving Party reasonably requests, provided that such information and co-operation:

- a) does not require material expenditure by the Providing Party to provide the same;
- b) is reasonably required by the Receiving Party in order for it to comply with its obligations under this Agreement or the SLA;
- c) cannot be construed to be Confidential Information; and
- d) is capable of being provided by the Providing Party

Further, each Party agrees to co-operate with the contractors and subcontractors of the other Party as reasonably requested in order to accomplish the purposes of this Agreement.

12.31. Reporting Progress

- 12.31.1. SI shall monitor progress of all the activities related to the execution of this contract and shall submit to PCSCCL, progress reports with reference to all related work, milestones and their progress during the implementation phase.
- 12.31.2. Formats for all above mentioned reports and their dissemination mechanism shall be discussed and finalized along with project plan. PCSCCL on mutual agreement between both parties may change the formats, periodicity and dissemination mechanism for such reports.

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- 12.31.3. Periodic meetings shall be held between the representatives of PCSCL and SI once in every fifteen (15) days during the implementation phase to discuss the progress of implementation. After the implementation phase is over, the meeting shall be held as an ongoing basis, as desired by PCSCL, to discuss the performance of the contract.
- 12.31.4. SI shall ensure that the respective solution teams involved in the execution of work are part of such meetings.
- 12.31.5. Several review committees involving representatives of PCSCL and senior officials of SI shall be formed for the purpose of this project. These committees shall meet at intervals, as decided by PCSCL later, to oversee the progress of the implementation.
- 12.31.6. All the goods, services and manpower to be provided / deployed by SI under the Contract and the manner and speed of execution and maintenance of the work and services are to be conducted in a manner to the satisfaction of PCSCL's representative in accordance with the Contract.
- 12.31.7. PCSCL reserves the right to inspect and monitor/ assess the progress/ performance of the work / services at any time during the course of the Contract. PCSCL may demand and upon such demand being made, SI shall provide documents, data, material or any other information which PCSCL may require, to enable it to assess the progress/ performance of the work / service.
- 12.31.8. At any time during the course of the Contract, PCSCL shall also have the right to conduct, either itself or through another agency as it may deem fit, an audit to monitor the performance by SI of its obligations/ functions in accordance with the standards committed to or required by PCSCL and SI undertakes to cooperate with and provide to PCSCL/ any other agency appointed by PCSCL, all Documents and other details as may be required by them for this purpose. Such audit shall not include SI's books of accounts.
- 12.31.9. Should the rate of progress of the works or any part of them at any time fall behind the stipulated time for completion or is found to be too slow to ensure completion of the works by the stipulated time, or is in deviation to Tender requirements/ standards, PCSCL's representative shall so notify SI in writing.
- 12.31.10. SI shall reply to the written notice giving details of the measures SI proposes to take to expedite the progress so as to complete the works by the prescribed time or to ensure compliance to RFP requirements. SI shall not be entitled to any additional payment for taking such steps. If at any time it should appear to PCSCL or PCSCL's representative that the actual progress of work does not conform to the approved plan SI shall produce at the request of PCSCL's representative a revised plan showing the modification to the approved plan necessary to ensure completion of the works within the time for completion or steps initiated to ensure compliance to the stipulated requirements
- 12.31.11. The submission seeking approval by PCSCL or PCSCL's representative of such plan shall not relieve SI of any of his duties or responsibilities under the Contract.
- 12.31.12. In case during execution of works, the progress falls behind schedule or does not meet the Tender requirements, SI shall deploy extra manpower/ resources to make up the progress or to meet the RFP requirements. Plan for deployment of extra man power/ resources shall be submitted to PCSCL for its review and approval. All time and cost effect in this respect shall be borne, by SI within the contract value.

12.32. Project Plan

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- 12.32.1. Within 15 calendar days of effective date of the contract, SI shall submit to PCSCL for its approval a detailed Project Plan with details of the project showing the sequence, procedure and method in which SI proposes to carry out the works. The Plan so submitted by SI shall conform to the requirements and timelines specified in the Contract. PCSCL and SI shall discuss and agree upon the work procedures to be followed for effective execution of the works, which SI intends to deploy and shall be clearly specified. The Project Plan shall include but not limited to project organization, communication structure, proposed staffing, roles and responsibilities, processes and tool sets to be used for quality assurance, security and confidentiality practices in accordance with industry best practices, project plan and delivery schedule in accordance with the Contract. Approval by PCSCL's representative of the Project Plan shall not relieve SI of any of his duties or responsibilities under this Contract.
- 12.32.2. If SI's work plans necessitate a disruption/ shutdown in PCSCL's operation, the plan shall be mutually discussed and developed so as to keep such disruption/shutdown to the barest unavoidable minimum. Any time and cost arising due to failure of SI to develop/adhere such a work plan shall be to SI's account.

12.33. Adherence to safety procedures, rules regulations and restriction

- 12.33.1. SI's Team shall comply with the provision of all applicable laws including labor laws, rules, regulations and notifications issued there under from time to time. All applicable safety and labor laws enforced by statutory agencies and by PCSCL shall be applicable in the performance of this Contract and SI's Team shall abide by these laws.
- 12.33.2. Access to the Project Site(s), Server Room, Command and Control Center (CCC) and City Operation Center (COC) shall be strictly restricted. No access to any person except the essential members of SI's Team who are authorized by PCSCL and are genuinely required for execution of work or for carrying out management/ maintenance shall be allowed entry. Even if allowed, access shall be restricted to the pertaining equipment of PCSCL only. SI shall maintain a log of all activities carried out by each of its team personnel.
- 12.33.3. No access to any staff of SI, except the essential staff who has genuine work-related need, should be given. All such access should be logged in a loss free manner for permanent record with unique biometric identification of the staff to avoid misrepresentations or mistakes
- 12.33.4. SI shall take all measures necessary or proper to protect the personnel, work and facilities and shall observe all reasonable safety rules and instructions. SI's Team shall adhere to all security requirement/ regulations of PCSCL during the execution of the work. PCSCL's employee also shall comply with safety procedures/ policy.
- 12.33.5. SI shall report as soon as possible any evidence, which may indicate or is likely to lead to an abnormal or dangerous situation and shall take all necessary emergency control steps to avoid such abnormal situations.

12.34. Statutory Requirements

- 12.34.1. During the tenure of this Contract, nothing shall be done by SI or his team including consortium in contravention of any law, act and/ or rules/regulations, there under or any amendment thereof governing inter-alia customs, stowaways, foreign exchange etc. and shall keep PCSCL indemnified in this regard.

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13. PCSCL's Obligations

- 13.1.** PCSCL or his/her nominated representative shall act as the nodal point for implementation of the contract and for issuing necessary instructions, approvals, commissioning, acceptance certificates, payments etc. to SI.
- 13.2.** PCSCL shall ensure that timely approval is provided to SI as and when required, which may include approval of project plans, implementation methodology, design documents, specifications, or any other document necessary in fulfillment of this contract.
- 13.3.** PCSCL's representative shall interface with SI, to provide the required information, clarifications, and to resolve any issues as may arise during the execution of the Contract. PCSCL shall provide adequate cooperation in providing details, coordinating and obtaining of approvals from various governmental agencies, in cases, where the intervention of PCSCL is proper and necessary.
- 13.4.** PCSCL may provide on SI's request, particulars / information / documentation that may be required by SI for proper planning and execution of work and for providing services covered under this contract and for which SI may have to coordinate with respective vendors.
- 13.5.** PCSCL shall provide to SI only sitting space and basic infrastructure not including, stationery and other consumables at PCSCL's office locations.
- 13.6.** Electrical connections installation costs shall be borne by the SI throughout the contract period (as per the RFP requirements). PCSCL shall provide approval and necessary documents for electrical power connections, which is to be taken in the name of Pimpri Chinchwad Smart City Limited/ PCMC, as directed by the Authority.
- 13.7. Site Not Ready:** PCSCL/ PCMC hereby agrees to make the project sites ready as per the agreed specifications, within the agreed timelines. PCSCL agrees that SI shall not be in any manner liable for any delay arising out of PCSCL's failure to make the site ready within the stipulated period.
- 13.8.** To provide any support through personnel to test the system during the Term;
- 13.9.** To provide any support through personnel and/or test data during development, rollout, steady state operation, as well as, for any changes/enhancements in the system whenever required due to scope change that may arise due to business, delivery or statutory/regulatory reasons;
- 13.10.** PCSCL shall provide the data (including in electronic form wherever available) to be migrated.
- 13.11.** PCSCL shall authorize the System Integrator to interact for implementation of the Project with external entities and shall provide prompt Deliverable feedback, sign offs or its comments for changes.

14. Financial Matters

14.1. Terms of Payment

- a. In consideration of the Services and subject to the provisions of this Agreement and of the SLA, PCSCL shall pay the System Integrator for the Services rendered in pursuance of this agreement, in accordance with the Terms of Payment Schedule set out in this Agreement.
- b. Payments shall be subject to the application of liquidated damages (for period prior to "Go Live") or SLA penalties and its adjustments/corrections (for post "Go-Live") as may be provided for in the SLA from the relevant milestone(s).
- c. Save and except as otherwise provided for herein or as agreed between the Parties in writing, PCSCL shall not be required to make any payments in respect of the Services (or, without

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limitation to the foregoing, in respect of the System Integrator performance of any obligations under this Agreement or the SLA) other than those covered in this Agreement. For the avoidance of doubt, it is expressly clarified that the payments shall be deemed to include all ancillary and incidental costs and charges arising in the course of delivery of the Services including consultancy charges, infrastructure costs, project costs, implementation and management charges and all other related costs including taxes which are addressed in this Clause.

14.2. Invoicing & Settlement

- a. Subject to the specific terms of the Agreement and the SLA, the System Integrator shall submit its invoices in accordance with the following principles:
 - (i) PCSCCL shall be invoiced by the System Integrator for the Services. Generally and unless otherwise agreed in writing between the Parties or expressly set out in the SLA, the System Integrator shall raise an invoice as per the Payment Schedule of this Agreement; and
 - (ii) Any invoice presented in accordance with this Clause shall be in a form agreed with PCSCCL.
- b. The System Integrator alone shall invoice all payments after receiving due approval of completion of payment milestone from the competent authority. Such invoices shall be accurate with all adjustments or changes in the terms of payment as stated in Payment Schedule of this Agreement. The System Integrator shall waive any charge for a Service that is not invoiced within six months after the end of the month in which the change relating to such Service is (i) authorized or (ii) incurred, whichever is later.
- c. Payment shall be made within sixty (60) working days of the receipt of invoice along with supporting documents by PCSCCL subject to deduction of applicable liquidated damages (till "Go Live") or SLA penalties (post "Go Live") . The penalties are imposed on the vendor as per the SLA criteria specified in the SLA.
- d. PCSCCL shall be entitled to delay or withhold payment of any invoice or part of it delivered by the System Integrator under Payment Schedule section of this Agreement where PCSCCL disputes/withholds such invoice or part of it provided that such dispute is bonafide. The withheld amount shall be limited to that which is in dispute. The disputed / withheld amount shall be settled in accordance with the escalation procedure as set out in Payment Schedule sections of this Agreement. Any exercise by PCSCCL under this Clause shall not entitle the System Integrator to delay or withhold provision of the Services.

14.3. Tax

- a. PCSCCL or its nominated agencies shall be responsible for withholding taxes from the amounts due and payable to the System Integrator wherever applicable. The System Integrator shall pay for all other taxes in connection with this Agreement, SLA, scope of work and any other engagement required to be undertaken as a part of this Agreement, including, but not limited to, property, sales, use, excise, value-added, goods and services, consumption and other similar taxes or duties.
- b. PCSCCL or its nominated agencies shall provide System Integrator with the original tax receipt of any withholding taxes paid by PCSCCL or its nominated agencies on payments under this Agreement. The System Integrator agrees to reimburse and hold PCSCCL or its nominated

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agencies harmless from any deficiency including penalties and interest relating to taxes that are its responsibility under this paragraph. For purposes of this Agreement, taxes shall include taxes incurred on transactions between and among PCSCCL or its nominated agencies, the System Integrator and third party subcontractors.

- c. If, after the date of this Agreement, there is any change of rate of levy under the existing applicable laws of India with respect to taxes and duties, which are directly payable by PCSCCL for providing the goods and services i.e. GST or any such other applicable tax from time to time, which increase or decreases the cost incurred by the System Integrator in performing the Services, then the remuneration and reimbursable expense otherwise payable to the System Integrator under this Agreement shall be increased or decreased accordingly by correspondence between the Parties hereto, and corresponding adjustments shall be made to the ceiling amounts specified in Payment Schedule section. However, in case of any new or fresh tax or levy imposed after submission of the proposal the System Integrator shall be entitled to reimbursement on submission of proof of payment of such tax or levy.
- d. The Parties shall cooperate to enable each Party to accurately determine its own tax liability and to minimize such liability to the extent legally permissible. In connection therewith, the Parties shall provide each other with the following:
 - i. any resale certificates;
 - ii. any relevant information regarding out-of-state or use of materials, equipment or services; and
 - iii. Any direct pay permits, exemption certificates or information reasonably requested by the other Party.
- e. SI shall bear all personnel taxes levied or imposed on its personnel, or any other member of SI's Team, etc. on account of payment received under this Contract. SI shall bear all corporate taxes, levied or imposed on SI on account of payments received by it from PCSCCL for the work done under this Contract.
- f. SI shall bear all taxes and duties etc. levied or imposed on SI under the Contract including but not limited to Sales Tax, Customs duty, Excise duty, Octroi, Service Tax, VAT, Works Contracts Tax and all Income Tax levied under Indian Income Tax Act – 1961 or any amendment thereof during the entire contract period, i.e., on account of material supplied and services rendered and payments received by him from PCSCCL under the Contract. It shall be the responsibility of SI to submit to the concerned Indian authorities the returns and all other connected documents required for this purpose. SI shall also provide PCSCCL such information, as it may be required in regard to SI's details of payment made by PCSCCL under the Contract for proper assessment of taxes and duties. The amount of tax withheld by PCSCCL shall at all times be in accordance with Indian Tax Law and PCSCCL shall promptly furnish to SI original certificates for tax deduction at source and paid to the Tax Authorities.
- g. SI agrees that he shall comply with the Indian Income Tax Act in force from time to time and pay Indian Income Tax, as may be imposed/ levied on them by the Indian Income Tax Authorities, for the payments received by them for the works under the Contract
- h. SI shall fully familiarize themselves about the applicable domestic taxes (such as value added or sales tax, service tax, income taxes, duties, fees, levies, etc.) on amounts payable by PCSCCL

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under the Contract. All such taxes must be included by SI in the financial proposal. (SI to find out applicable taxes for the components being proposed.)

- i. Should SI fails to submit returns/pay taxes in time as stipulated under applicable Indian/State Tax Laws and consequently any interest or penalty is imposed by the concerned authority, SI shall pay the same. SI shall indemnify PCSCCL against any and all liabilities or claims arising out of this Contract for such taxes including interest and penalty by any such Tax Authority may assess or levy against PCSCCL/SI.
- j. PCSCCL shall if so required by applicable laws in force, at the time of payment, deduct income tax payable by SI at the rates in force, from the amount due to SI and pay to the concerned tax authority directly.

15. Audit, Access and Reporting

The System Integrator shall allow access to PCSCCL or its nominated agencies to all information which is in the possession or control of the System Integrator and which relates to the provision of the Services as set out in the Audit, Access and Reporting Schedule and which is reasonably required by PCSCCL to comply with the terms of the Audit, Access and Reporting Schedule set out as in Annex V of this agreement.

16. Intellectual Property Rights

16.1. Products and fixes:

All products and related solutions and fixes provided pursuant to this Agreement shall be licensed according to the terms of the license agreement packaged with or otherwise applicable to such product, the ownership of which shall continue to vest with the product owner. System Integrator would be responsible for arranging any licenses associated with products. "Product" means any computer code, web-based services, or materials comprising commercially released, pre-release or beta products (whether licensed for a fee or no charge) and any derivatives of the foregoing which are made available to PCSCCL for license which is published by product owner or its affiliates, or a third party. "Fixes" means product fixes that are either released generally (such as commercial product service packs) or that are provided to you when performing services (such as workarounds, patches, bug fixes, beta fixes and beta builds) and any derivatives of the foregoing.

16.2. Bespoke development:

Subject to the provisions of Clause 16.3 and 16.4 below, upon payment, the IPR rights for any bespoke development done during the implementation of the project will lie exclusively with PCSCCL.

16.3. Pre-existing work:

All IPR including the source code and materials developed or otherwise obtained independently of the efforts of a Party under this Agreement ("pre-existing work") including any enhancement or modification thereto shall remain the sole property of that Party. During the performance of the services for this agreement, each party grants to the other party (and their sub-contractors as necessary) a non-exclusive license to use, reproduce and modify any of its pre-existing work provided to the other party solely for the performance of such services for duration of the Term of this Agreement. Except as may be otherwise explicitly agreed to in a statement of services, upon payment in full, the System Integrator should grant PCSCCL a non-exclusive, perpetual, fully paid-

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up license to use the pre-existing work in the form delivered to PCSCL as part of the service or deliverables only for its internal business operations. Under such license, either of parties will have no right to sell the pre-existing work of the other party to a Third Party. PCSCL's license to pre-existing work is conditioned upon its compliance with the terms of this Agreement and the perpetual license applies solely to the pre-existing work that bidder leaves with PCSCL at the conclusion of performance of the services.

16.4. Residuals:

In no event shall System Integrator be precluded from independently developing for itself, or for others, anything, whether in tangible or non-tangible form, which is competitive with, or similar to, the deliverables, set-out in this Agreement. In addition, subject to the confidentiality obligations, System Integrator shall be free to use its general knowledge, skills and experience, and any ideas, concepts, know-how, and techniques that are acquired or used in the course of providing the Services.

17. Representations & Warranties

17.1. Representations and warranties of the System Integrator

The System Integrator represents and warrants to PCSCL or its nominated agencies that:

- a) it is duly organized and validly existing under the laws of India, and has full power and authority to execute and perform its obligations under this Agreement and other agreements and to carry out the transactions contemplated hereby;
- b) it is a competent provider of a variety of information technology and business process management services;
- c) it has taken all necessary corporate and other actions under laws applicable to its business to authorize the execution and delivery of this Agreement and to validly exercise its rights and perform its obligations under this Agreement;
- d) from the Effective Date, it will have the financial standing and capacity to undertake the Project in accordance with the terms of this Agreement;
- e) in providing the Services, it shall use reasonable endeavors not to cause any unnecessary disruption to PCSCL's normal business operations
- f) this Agreement has been duly executed by it and constitutes a legal, valid and binding obligation, enforceable against it in accordance with the terms hereof, and its obligations under this Agreement shall be legally valid, binding and enforceable against it in accordance with the terms hereof;
- g) the information furnished in the System Integrator's response to the RFP and any subsequent clarification pertaining to the evaluation process, furnished on or before the date of this Agreement is to the best of its knowledge and belief true and accurate in all material respects as at the date of this Agreement;
- h) the execution, delivery and performance of this Agreement shall not conflict with, result in the breach of, constitute a default by any of the terms of its Memorandum and Articles of Association or any Applicable Laws or any covenant, contract, agreement, arrangement, understanding,

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decree or order to which it is a party or by which it or any of its properties or assets is bound or affected;

- i) there are no material actions, suits, proceedings, or investigations pending or, to its knowledge, threatened against it at law or in equity before any court or before any other judicial, quasi-judicial or other authority, the outcome of which may result in the breach of this Agreement or which individually or in the aggregate may result in any material impairment of its ability to perform any of its material obligations under this Agreement;
- j) it has no knowledge of any violation or default with respect to any order, writ, injunction or decree of any court or any legally binding order of any Government Instrumentality which may result in any Adverse Effect on its ability to perform its obligations under this Agreement and no fact or circumstance exists which may give rise to such proceedings that would adversely affect the performance of its obligations under this Agreement;
- k) it has complied with Applicable Laws in all material respects and has not been subject to any fines, penalties, injunctive relief or any other civil or criminal liabilities which in the aggregate have or may have an Adverse Effect on its ability to perform its obligations under this Agreement;
- l) no representation or warranty by it contained herein or in any other document furnished by it to PCSCCL or its nominated agencies in relation to the Required Consents contains or shall contain any untrue or misleading statement of material fact or omits or shall omit to state a material fact necessary to make such representation or warranty not misleading; and
- m) no sums, in cash or kind, have been paid or shall be paid, by it or on its behalf, to any person by way of fees, commission or otherwise for entering into this Agreement or for influencing or attempting to influence any officer or employee of PCSCCL or its nominated agencies in connection therewith.

17.2. Representations and warranties of PCSCCL or its nominated agencies

PCSCCL or its nominated agencies represent and warrant to the System Integrator that:

- a) it has full power and authority to execute, deliver and perform its obligations under this Agreement and to carry out the transactions contemplated herein and that it has taken all actions necessary to execute this Agreement, exercise its rights and perform its obligations, under this Agreement and carry out the transactions contemplated hereby;
- b) it has taken all necessary actions under Applicable Laws to authorize the execution, delivery and performance of this Agreement and to validly exercise its rights and perform its obligations under this Agreement;
- c) it has the financial standing and capacity to perform its obligations under the Agreement;
- d) it is subject to the laws of India, and hereby expressly and irrevocably waives any immunity in any jurisdiction in respect of this Agreement or matters arising thereunder including any obligation, liability or responsibility hereunder;
- e) this Agreement has been duly executed by it and constitutes a legal, valid and binding obligation enforceable against it in accordance with the terms hereof and its obligations under this Agreement shall be legally valid, binding and enforceable against it in accordance with the terms thereof;

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- f) the execution, delivery and performance of this Agreement shall not conflict with, result in the breach of, constitute a default under, or accelerate performance required by any of the Applicable Laws or any covenant, contract, agreement, arrangement, understanding, decree or order to which it is a party or by which it or any of its properties or assets is bound or affected;
- g) there are no actions, suits or proceedings pending or, to its knowledge, threatened against it at law or in equity before any court or before any other judicial, quasi-judicial or other authority, the outcome of which may result in the default or breach of this Agreement or which individually or in the aggregate may result in any material impairment of its ability to perform its material (including any payment) obligations under this Agreement;
- h) it has no knowledge of any violation or default with respect to any order, writ, injunction or any decree of any court or any legally binding order of any Government Instrumentality which may result in any Adverse Effect on PCSCCL or its nominated agencies ability to perform its obligations under this Agreement and no fact or circumstance exists which may give rise to such proceedings that would adversely affect the performance of its obligations under this Agreement;
- i) it has complied with Applicable Laws in all material respects;
- j) all information provided by it in the RFP in connection with the Project is, to the best of its knowledge and belief, true and accurate in all material respects; and
- k) Upon the System Integrator performing the covenants herein, it shall not at any time during the term hereof, interfere with peaceful exercise of the rights and discharge of the obligations by the System Integrator, in accordance with this Agreement.

18. Term and Extension of the Contract

- 18.1.** The Contract period shall commence from the date of signing of contract and shall remain valid for 60 Months from the date of Go Live of the system
- 18.2.** If the delay occurs due to circumstances beyond control of SI such as strikes, lockouts, fire, accident, defective materials, delay in approvals or any cause whatsoever beyond the reasonable control of SI, a reasonable extension of time shall be granted by PCSCCL.
- 18.3.** PCSCCL shall reserve the sole right to grant any extension to the term abovementioned and shall notify in writing to SI, at least 3 (three) months before the expiration of the Term hereof, whether it shall grant SI an extension of the Term. The decision to grant or refuse the extension shall be at PCSCCL's discretion and such extension of the contract, if any, shall be as per terms agreed mutually between PCSCCL and SI.
- 18.4.** Where PCSCCL is of the view that no further extension of the term be granted to SI, PCSCCL shall notify SI of its decision at least 3 (three) months prior to the expiry of the Term. Upon receipt of such notice, SI shall continue to perform all its obligations hereunder, until such reasonable time beyond the Term of the Contract within which, PCSCCL shall either appoint an alternative agency/SI or create its own infrastructure to operate such Services as are provided under this Contract.

19. Dispute Resolution

- a) **General:** If any dispute arises between the parties during the execution of a contract that should be amicably settled by mutual discussions. However, if the dispute is not settled by mutual

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discussions, a written representation will be obtained from the SI on the points of dispute. The representation so received shall be examined by PCSCL and may take legal advice of a counsel and then examine the representation. The SI will also be given an opportunity of being heard. PCSCL will take a decision on the representation and convey it in writing to the SI.

- b) In case of dispute arising amongst consortium members, beyond getting amicably settled by mutual discussion, and in the interest of project, PCSCL Board reserves the right to allow lead bidder for the change of consortium member as per RFP requirements and terms & conditions.

c) Arbitration

- i. All dispute arising out of this agreement, including the interpretation of terms and conditions of the agreement, shall be referred to sole arbitrator as per the provisions of the Arbitration and Conciliation Act 1996.
- ii. The Sole Arbitrator shall be retired District Judge.
- iii. The language of arbitration shall be English.
- iv. The place of Arbitration shall be Pune (Pimpri).
- v. The evidence of Arbitration proceeding shall be by way of Affidavit. The cross examination shall not be matter of right and it shall be the judicial discretion of the sole arbitrator which should be exercised sparingly.
- vi. The arbitration proceeding shall be decided within 6 months and cost of the Arbitration including arbitration fee shall be borne by the parties to the Arbitration in equal proportion

20. Time is of the essence

- 20.1. Time shall be of the essence in respect of any date or period specified in this Contract or any notice, demand or other communication served under or pursuant to any provision of this Contract and in particular in respect of the completion of the activities by SI by the specified completion date.

21. Conflict of interest

- 21.1. SI shall disclose to PCSCL in writing, all actual and potential conflicts of interest that exist, arise or may arise (either for SI or SI's Team) in the course of performing the Services as soon as practical after it becomes aware of that conflict.
- 21.2. Prohibition of Conflicting Activities: The SI shall not engage, either directly or indirectly, in any business or professional activities that would conflict with the activities assigned to them under this Contract.
- 21.3. SI shall disclose to PCSCL in writing, all actual and potential conflicts of interest that exist, arise or may arise (either for SI or SI's Team) in the course of performing the Services, as soon as practical after it becomes aware of that conflict.

22. Force Majeure

- 22.1. Definition of Force Majeure:

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“Force Majeure” shall mean any event beyond the reasonable control of PCSCL or of the SI, as the case may be, and which is unavoidable notwithstanding the reasonable care of the party affected.

22.2. Force Majeure events

A Force Majeure shall include, without limitation, the following:

- a) War, hostilities, or warlike operations (whether a state of war be declared or not), invasion, act of foreign enemy, and civil war;
- b) Strike, sabotage, lockout, embargo, import restriction, port congestion, lack of usual means of public transportation and communication, industrial dispute, shipwreck, shortage or restriction of power supply, epidemics, quarantine, and plague;
- c) Earthquake, landslide, volcanic activity, fire, flood or inundation, tidal wave, typhoon or cyclone, hurricane, storm, lightning, or other inclement weather condition, nuclear and pressure waves, or other natural or physical disaster;

22.3. If either party is prevented, hindered, or delayed from or in performing any of its obligations under the Contract by an event of Force Majeure, then it shall notify the other in writing of the occurrence of such event and the circumstances of the event of Force Majeure within fourteen (14) days after the occurrence of such event.

22.4. The party who has given such notice shall be excused from the performance or punctual performance of its obligations under the Contract for so long as the relevant event of Force Majeure continues and to the extent that such party’s performance is prevented, hindered, or delayed. The time for achieving Final Acceptance shall be extended.

22.5. The party or parties affected by the event of Force Majeure shall use reasonable efforts to mitigate the effect of the event of Force Majeure upon its or their performance of the Contract and to fulfill its or their obligations under the Contract, but without prejudice to either party’s right to terminate the Contract under Clause 37.

22.6. No delay or nonperformance by either party to this Contract caused by the occurrence of any event of Force Majeure shall:

- a) constitute a default or breach of the Contract
- b) give rise to any claim for damages or additional cost or expense occasioned by the delay or nonperformance
- c) if, and to the extent that, such delay or nonperformance is caused by the occurrence of an event of Force Majeure

22.7. If the performance of the Contract is substantially prevented, hindered, or delayed for a single period of more than sixty (60) days on account of one or more events of Force Majeure during the time period covered by the Contract, the parties will attempt to develop a mutually satisfactory solution, failing which, either party may terminate the Contract by giving a notice to the other.

22.8. In the event of termination pursuant to this Clause 22, the rights and obligations of PCSCL and the SI shall be as specified in the clause titled Termination.

22.9. Notwithstanding Clause 22, Force Majeure shall not apply to any obligation of PCSCL to make payments to the SI under this Contract.

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22.10. For the avoidance of doubt, it is expressly clarified that the failure on the part of the System Integrator under this Agreement or the SLA to implement any disaster contingency planning and back-up and other data safeguards in accordance with the terms of this Agreement or the SLA against natural disaster, fire, sabotage or other similar occurrence shall not be deemed to be a Force Majeure event. For the avoidance of doubt, it is further clarified that any negligence in performance of Services which directly causes any breach of security like hacking aren't the forces of nature and hence wouldn't be qualified under the definition of "Force Majeure". In so far as applicable to the performance of Services, Service Provider will be solely responsible to complete the risk assessment and ensure implementation of adequate security hygiene, best practices, processes and technology to prevent any breach of security and any resulting liability therefrom (wherever applicable).

23. Delivery

23.1. SI shall bear the cost for packing, transport, insurance, storage and delivery of all the goods for "Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools" at all locations identified by PCSCL in Pimpri Chinchwad.

23.2. The Goods and manpower supplied under this Contract shall conform to the standards mentioned in the RFP, and, when no applicable standard is mentioned, to the authoritative standards; such standard shall be approved by PCSCL.

23.3. SI shall only procure the hardware and software after approvals from a designated Committee/Authority.

24. Warranty & Maintenance

24.1. Standard: The System Integrator warrants that the Project, including all the system(s), materials and goods supplied pursuant to the Agreement, shall be free from any defect or deficiency in the material, design, engineering, and workmanship that prevent the system and/or any of its systems(s) from fulfilling the technical requirements or that limit in a material fashion the performance, reliability, or extensibility of the system and/or any of its sub-system(s). Commercial warranty provisions of products supplied under the Agreement shall apply to the extent they do not conflict with the provisions of this Agreement.

24.2. The SI also warrants that the products, materials and other goods supplied under the Agreement are new, unused and incorporate all recent improvements in design that materially affect the system's or subsystem's ability to fulfill the technical requirements specified in the RFP.

24.3. In addition, the SI warrants that: (i) all Goods components to be incorporated into the System form part of the SI/OEM's and/or Subcontractor's current product lines.

24.4. The warranty period shall commence from the date of Final Acceptance of the System (or of any major component or subsystem for which phased Go-Live is provided for in the Agreement) or on expiry of the products commercial warranty, whichever is earlier.

24.5. If during the warranty period any defect or deficiency is found in the material, design and performance/workmanship of the Project and other Services provided by the System Integrator, the System Integrator shall promptly, in consultation and agreement with PCSCL, and at the System Integrator's sole cost repair, replace, or otherwise make good (as the System Integrator shall, at its discretion, determine) such default, defect or deficiency as well as any damage to the

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system caused by such default, defect or deficiency. Any defective component, excluding hard disks, that has been replaced by the System Integrator shall remain the property of the System Integrator.

- 24.6.** The SI may, with the consent of PCSCL, remove from the site any product and other goods that are defective, if the nature of the defect, and/or any damage to the System caused by the defect, is such that repairs cannot be expeditiously carried out at the site. If the repair, replacement, or making good is of such a character that it may affect the efficiency of the System, PCSCL may give the SI notice requiring that tests of the defective part be made by the SI immediately upon completion of such remedial work, whereupon the SI shall carry out such tests. If such part fails the tests, the SI shall carry out further repair, replacement, or making good (as the case may be) until that part of the System passes such tests. The tests shall be agreed upon by PCSCL and the SI.
- 24.7.** If the SI fails to commence the work necessary to remedy such defect or any damage to the System caused by such defect within a reasonable time period, PCSCL may, following notice to the SI, proceed to do such work or contract a third party (or parties) to do such work, and the reasonable costs incurred by PCSCL in connection with such work shall be paid to PCSCL by the SI or may be deducted by PCSCL from any amount due to the SI.
- 24.8.** If the System or any of its sub-systems cannot be used by reason of such default, defect or deficiency and/or making good of such default, defect or deficiency, the warranty period for the Project shall be extended by a period equal to the period during which the Project or any of its system could not be used by PCSCL because of such defect and/or making good of such default, defect or deficiency.
- 24.9.** Items substituted for defective parts of the System during the Warranty Period shall be covered by the Warranty for the remainder of the Warranty Period applicable for the part replaced or three (3) months, whichever is greater.
- 24.10.** The Implementing Agency shall have no liability in the case of breach of this warranty due to (i) use of the deliverables on any environment (hardware or software) other than the environment recommended or approved by the Implementing Agency, (ii) the combination, operation, or use of some or all of the deliverables with information, software, specifications, instructions, data, or materials not approved by the Implementing Agency; (iii) the deliverables having been tampered with, altered or modified by PCSCL without the written permission of the Implementing Agency, or (iv) use of the deliverables otherwise than in terms of the relevant documentation.
- 24.11.** Implied Warranty: The warranties provided herein are in lieu of all other warranties, both express and implied, and all other warranties, including without limitation that of merchantability or fitness for intended purpose is specifically disclaimed.

25. Insurance

- 25.1.** The Goods supplied under this Contract shall be comprehensively insured by SI at his own cost, against any loss or damage, for the entire period of the contract. SI shall submit to PCSCL, documentary evidence issued by the insurance company, indicating that such insurance has been taken.
- 25.2.** SI shall bear all the statutory levies like customs, insurance, freight, etc. applicable on the goods and also the charges like transportation charges, Octroi, etc. that may be applicable till the goods are delivered at the respective sites of installation shall also be borne by SI.

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25.3. SI shall take out and maintain at its own cost, on terms and conditions approved by PCSCL, insurance against the risks, and for the coverages, as specified below:

- a. At PCSCL's request, shall provide evidence to PCSCL showing that such insurance has been taken out and maintained and that the current premiums therefor have been paid.
- b. Employer's liability and workers' compensation insurance in respect of the Personnel of the Company, in accordance with the relevant provisions of the Applicable Law, as well as, with respect to such Personnel, any such life, health, accident, travel or other insurance as may be appropriate

25.4. Certificates of Currency

25.4.1. The System Integrator must, on request by PCSCL, provide current relevant confirmation of insurance documentation from its insurance brokers certifying that it has insurance as required by this Clause 25. The Service Provider agrees to replace any coverage prior to the date of expiry/cancellation.

25.5. Non-compliance

PCSCL or its nominated agencies may, at its election, terminate this Agreement as per Clause 37.8, upon the failure of System Integrator or notification of such failure, to maintain the required insurance coverage. Inadequate insurance coverage for any reason shall not relieve System Integrator of its obligations under this Agreement.

26. Exit Management

26.1. Purpose

- 26.1.1. This Schedule sets out the provisions, which will apply on expiry or termination of the MSA, the Project Implementation, Operation and Management SLA.
- 26.1.2. In the case of termination of the Project Implementation and/or Operation and Management, the Parties shall agree at that time whether, and if so during what period, the provisions of this Schedule shall apply.
- 26.1.3. The Parties shall ensure that their respective associated entities carry out their respective obligations set out in this Exit Management clause.

26.2. Transfer of Assets

- 26.2.1. PCSCL shall be entitled to serve notice in writing on the SI at any time during the exit management period as detailed hereinabove requiring the SI and/or its sub-contractors to provide PCSCL with a complete and up to date list of the Assets within thirty (30) days of such notice. PCSCL shall then be entitled to serve notice in writing on the SI at any time prior to the date that is thirty (30) days prior to the end of the exit management period requiring the SI to sell the Assets, if any, to be transferred to PCSCL or its nominated agencies at book value as determined as of the date of such notice in accordance with the provisions of relevant laws.
- 26.2.2. In case of contract being terminated by PCSCL, PCSCL reserves the right to ask SI to continue running the project operations for a period of six (6) months after termination orders are issued.

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26.2.3. Upon service of a notice under this Article the following provisions shall apply:

- i. in the event, if the Assets to be transferred are mortgaged to any financial institutions by the SI, the SI shall ensure that all such liens and liabilities have been cleared beyond doubt, prior to such transfer. All documents regarding the discharge of such lien and liabilities shall be furnished to PCSCCL.
- ii. All risk in and title to the Assets to be transferred / to be purchased by PCSCCL pursuant to this Article shall be transferred to PCSCCL, on the last day of the exit management period.
- iii.
- iv. Payment to the outgoing SI shall be made to the tune of last set of completed services / deliverables, subject to SLA requirements.
- v. The outgoing SI will pass on to PCSCCL and/or to the Replacement SI, the subsisting rights in any leased properties/ licensed products on terms not less favorable to PCSCCL/ Replacement SI, than that enjoyed by the outgoing SI.

26.3. Cooperation and Provision of Information

During the exit management period:

- 26.3.1. The System Integrator will allow PCSCCL or its nominated agency access to information reasonably required to define the then current mode of operation associated with the provision of the services to enable PCSCCL to assess the existing services being delivered;
- 26.3.2. Promptly on reasonable request by PCSCCL, the SI shall provide access to and copies of all information held or controlled by them which they have prepared or maintained in accordance with this agreement relating to any material aspect of the services (whether provided by the System Integrator or sub-contractors appointed by the System Integrator). PCSCCL shall be entitled to copy of all such information. Such information shall include details pertaining to the services rendered and other performance data. The System Integrator shall permit PCSCCL or its nominated agencies to have reasonable access to its employees and facilities as reasonably required by the Chairman, PIU to understand the methods of delivery of the services employed by the System Integrator and to assist appropriate knowledge transfer.

26.4. Confidential Information, Security and Data

- 26.4.1. The System Integrator will promptly on the commencement of the exit management period supply to PCSCCL or its nominated agency the following:
 - i. Information relating to the current services rendered and customer and performance data relating to the performance of sub-contractors in relation to the services;
 - ii. Documentation relating to Project's Intellectual Property Rights;
 - iii. Documentation relating to sub-contractors;

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- iv. All current and updated data as is reasonably required for purposes of PCSCCL or its nominated agencies transitioning the services to its Replacement System Integrator in a readily available format nominated by PCSCCL, its nominated agency;
 - v. All other information (including but not limited to documents, records and agreements) relating to the services reasonably necessary to enable PCSCCL or its nominated agencies, or its Replacement System Integrator to carry out due diligence in order to transition the provision of the Services to PCSCCL or its nominated agencies, or its Replacement System Integrator (as the case may be).
- 26.4.2. Before the expiry of the exit management period, the System Integrator shall deliver to PCSCCL or its nominated agency all new or up-dated materials from the categories set out in this section above and shall not retain any copies thereof, except that the System Integrator shall be permitted to retain one copy of such materials for archival purposes only.
- 26.4.3. Before the expiry of the exit management period, unless otherwise provided under the MSA, PCSCCL or its nominated agency shall deliver to the System Integrator all forms of System Integrator confidential information, which is in the possession or control of Chairperson, PIU or its users.

26.5. Employees

- 26.5.1. Promptly on reasonable request at any time during the exit management period, the System Integrator shall, subject to applicable laws, restraints and regulations (including in particular those relating to privacy) provide to PCSCCL or its nominated agency a list of all employees (with job titles) of the System Integrator dedicated to providing the services at the commencement of the exit management period.
- 26.5.2. Where any national, regional law or regulation relating to the mandatory or automatic transfer of the contracts of employment from the System Integrator to PCSCCL or its nominated agency, or a Replacement System Integrator ("Transfer Regulation") applies to any or all of the employees of the System Integrator, then the Parties shall comply with their respective obligations under such Transfer Regulations.

26.6. Transfer of Certain Agreements

On request by PCSCCL or its nominated agency, the System Integrator shall effect such assignments, transfers, licenses and sub-licenses as the Chairperson, PIU may require in favor of the Chairperson, PIU, or its Replacement System Integrator in relation to any equipment lease, maintenance or service provision agreement between System Integrator and third party lessors, vendors, and which are related to the services and reasonably necessary for the carrying out of replacement services by PCSCCL or its nominated agency or its Replacement System Integrator.

26.7. Rights of Access to Premises

- 26.7.1. At any time during the exit management period, where Assets are located at the System Integrator's premises, the System Integrator will be obliged to give reasonable rights of access to (or, in the case of Assets located on a third party's premises, procure reasonable rights of access to) PCSCCL or its nominated agency and/or any Replacement System Integrator in order to make an inventory of the Assets.

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26.7.2. The System Integrator shall also give PCSCCL or its nominated agency or its nominated agencies, or any Replacement System Integrator right of reasonable access to the Implementation Partner's premises and shall procure PCSCCL or its nominated agency / agencies and any Replacement System Integrator rights of access to relevant third party premises during the exit management period and for such period of time following termination or expiry of the MSA as is reasonably necessary to migrate the services to PCSCCL or its nominated agency, or a Replacement System Integrator.

26.8. Exit Management Plan

26.8.1. The System Integrator shall provide PCSCCL or its nominated agency with a recommended exit management plan ("Exit Management Plan") which shall deal with at least the following aspects of exit management in relation to the MSA as a whole and in relation to the Project Implementation, and the Operation and Management SLA.

- i. A detailed program of the transfer process that could be used in conjunction with a Replacement System Integrator including details of the means to be used to ensure continuing provision of the services throughout the transfer process or until the cessation of the services and of the management structure to be used during the transfer;
- ii. Plans for the communication with such of the System Integrator's sub-contractors, staff, SIs, customers and any related third party as are necessary to avoid any material detrimental impact on PCSCCL's operations as a result of undertaking the transfer;
- iii. If applicable, proposed arrangements for the segregation of the System Integrator's networks from the networks employed by PCSCCL and identification of specific security tasks necessary at termination;
- iv. Plans for provision of contingent support to PCSCCL, and Replacement System Integrator for a reasonable period after transfer.

26.8.2. The System Integrator shall re-draft the Exit Management Plan annually thereafter to ensure that it is kept relevant and up to date.

26.8.3. Each Exit Management Plan shall be presented by the System Integrator to and approved by PCSCCL or its nominated agencies.

26.8.4. The terms of payment as stated in the Terms of Payment Schedule include the costs of the System Integrator complying with its obligations under this Schedule.

26.8.5. In the event of termination or expiry of MSA, and Project Implementation, each Party shall comply with the Exit Management Plan.

26.8.6. During the exit management period, the System Integrator shall use its best efforts to deliver the services.

26.8.7. Payments during the Exit Management period shall be made in accordance with the Terms of Payment Schedule.

26.8.8. This Exit Management plan shall be furnished in writing to PCSCCL or its nominated agencies within ninety (90) days from the Effective Date of this Agreement.

B. SPECIAL CONDITIONS OF CONTRACT (SCC)

27. Performance Security

27.1. The SI shall furnish Performance Security Deposit to PCSCCL, in form of Performance Bank Guarantee (PBG), within fifteen (15) days of issuance of Letter of Intent (LoI) or Letter of Award (LoA) for a value equivalent to 5% of the contract value. This PBG shall be valid up to Ninety days (90) days beyond the term of the Contract (Contract Period+90 days) including any subsequent term extension. The SI shall be responsible for extending the validity date and claim period of the PBG as and when it is due on account of extension of contract and/or warranty period.

28. Liquidated Damages

- a) Except as provided under clause “Force Majeure”, if the supplier/ selected bidder fails to deliver any or all of the items/goods or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in as specified in section 3.10 of the RFP and Common Set of Deviations published by PCSCCL for these works. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to clause “Termination”.
- b) The time specified for delivery and installation of the IT/non IT Infra and software products licenses in the bidding document shall be deemed to be the essence of the contract and the supplier/ selected bidder shall arrange items/goods supply and related services within the specified period.
- c) Delivery and installation/ completion period may be extended with or without liquidated damages, if the delay in the supply of items/goods or service is on account of hindrances beyond the control of the supplier/ selected bidder.
 - i. The supplier/ selected bidder shall request in writing to the Purchaser giving reasons for extending the delivery period of service, if he finds himself unable to complete the supply of items/goods or service within the stipulated delivery period or is unable to maintain prorate progress in the supply of items/goods or service delivery. This request shall be submitted as soon as a hindrance in delivery of items/goods and service occurs or within fifteen (15) days from such occurrence but before expiry of stipulated period of completion of delivery of items / goods and service after which such request shall not be entertained.
 - ii. The Purchaser shall examine the justification of causes of hindrance in the delivery of items/goods and service and the period of delay occurred due to that and recommend the competent authority on the period of extension which should be granted with or without liquidated damages.
 - iii. Normally, extension in delivery period of items/goods and service in following circumstances may be considered without liquidated damages:
 - a. When delay has occurred due to delay in supply of drawings, designs, plans etc. if PCSCCL was required to supply them to the supplier of items/goods or service provider as per terms of the contract.
 - b. When delay has occurred in supply of materials etc. if these were required to be supplied to the supplier or service provider by PCSCCL as per terms of the contract.

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- iv. If the competent authority agrees to extend the delivery period/ schedule, an amendment to the contract with suitable denial clauses and with or without liquidated damages, as the case may be, shall be issued. The amendment letter shall mention that no extra price or additional cost for any reason, what so ever beyond the contracted cost shall be paid for the delayed supply of items/goods and service.
- v. It shall be at the discretion of the concerned authority to accept or not to accept the supply of items/goods and/ or services rendered by the contractor after the expiry of the stipulated delivery period, if no formal extension in delivery period has been applied and granted. The competent authority shall have right to cancel the contract with respect to undelivered items/goods and/ or service.
- vi. If PCSCL is in need of the items/goods and/ or service rendered after expiry of the stipulated delivery period, it may accept the services and issue a letter of extension in delivery period with usual liquidated damages and denial clauses to regularize the transaction.

29. Indemnifications and Limitation of Liability:

- 29.1.** Subject to Clause 29.5 below, System Integrator (the "Indemnifying Party") undertakes to indemnify, hold harmless PCSCL (the "Indemnified Party") from and against all claims, liabilities, losses, expenses (including reasonable attorneys' fees), fines, penalties, taxes or damages (Collectively "Loss") on account of bodily injury, death or damage to tangible personal property arising in favor of any person, corporation or other entity (including the Indemnified Party) attributable to the Indemnifying Party's negligence or willful default in performance or non-performance under this Agreement.
- 29.2.** If the Indemnified Party promptly notifies Indemnifying Party in writing of a third party claim against Indemnified Party that any Service provided by the Indemnifying Party infringes a copyright, trade secret or patents incorporated in India of any third party, Indemnifying Party will defend such claim at its expense and will pay any costs or damages, that may be finally awarded against Indemnified Party.
- 29.3.** Indemnifying Party will not indemnify the Indemnified Party, however, if the claim of infringement is caused by:
 - a. Indemnified Party's misuse or modification of the Service;
 - b. Indemnified Party's failure to use corrections or enhancements made available by the Indemnifying Party;
 - c. Indemnified Party's use of the Service in combination with any product or information not owned or developed by Indemnifying Party;
- 29.4.** However, if any service, information, direction, specification or materials provided by Indemnified Party or any third party contracted to it, is or likely to be held to be infringing, Indemnifying Party shall at its expense and option either
 - a. Procure the right for Indemnified Party to continue using it
 - b. Replace it with a non-infringing equivalent
 - c. Modify it to make it non-infringing

The foregoing remedies constitute Indemnified Party's sole and exclusive remedies and Indemnifying Party's entire liability with respect to infringement.

- 29.5.** The indemnities set out in Clause 29 shall be subject to the following conditions:

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- 29.5.1. The Indemnified Party as promptly as practicable informs the Indemnifying Party in writing of the claim or proceedings and provides all relevant evidence, documentary or otherwise;
- 29.5.2. The Indemnified Party shall, at the cost of the Indemnifying Party, give the Indemnifying Party all reasonable assistance in the Defense of such claim including reasonable access to all relevant information, documentation and personnel provided that the Indemnified Party may, at its sole cost and expense, reasonably participate, through its attorneys or otherwise, in such Defense;
- 29.5.3. If the Indemnifying Party does not assume full control over the Defense of a claim as provided in this Article, the Indemnifying Party may participate in such Defense at its sole cost and expense, and the Indemnified Party will have the right to defend the claim in such manner as it may deem appropriate, and the cost and expense of the Indemnified Party will be included in Losses;
- 29.5.4. The Indemnified Party shall not prejudice, pay or accept any proceedings or claim, or compromise any proceedings or claim, without the written consent of the Indemnifying Party;
- 29.5.5. All settlements of claims subject to indemnification under this Clause will:
 - i. Be entered into only with the consent of the Indemnified Party, which consent will not be unreasonably withheld and include an unconditional release to the Indemnified Party from the claimant or plaintiff for all liability in respect of such claim; and
 - ii. Include any appropriate confidentiality agreement prohibiting disclosure of the terms of such settlement
- 29.5.6. The Indemnified Party shall account to the Indemnifying Party for all awards, settlements, damages and costs (if any) finally awarded in favor of the Indemnified Party which are to be paid to it in connection with any such claim or proceedings;
- 29.5.7. The Indemnified Party shall take steps that the Indemnifying Party may reasonably require to mitigate or reduce its loss as a result of such a claim or proceedings;
- 29.5.8. In the event that the Indemnifying Party is obligated to indemnify an Indemnified Party
- 29.5.9. pursuant to this Article, the Indemnifying Party will, upon payment of such indemnity in full, be subrogated to all rights and defenses of the Indemnified Party with respect to the claims to which such indemnification relates; and
- 29.5.10. If a Party makes a claim under the indemnity set out under Clause 28 above in respect of any particular Loss or Losses, then that Party shall not be entitled to make any further claim in respect of that Loss or Losses (including any claim for damages).
- 29.6.** The liability of either Party (whether in contract, tort, negligence, strict liability in tort, by statute or otherwise) for any claim in any manner related to this Agreement, including the work, deliverables or Services covered by this Agreement, shall be the payment of direct damages only which shall in no event exceed one time the total contract value payable under this Agreement. The liability cap given under this Clause shall not be applicable to the indemnification obligations set out in Clause 29 and breach of Clause 34 and 35.
- 29.7.** In no event shall either party be liable for any consequential, incidental, indirect, special or punitive damage, loss or expenses (including but not limited to business interruption, lost business, lost profits, or lost savings) nor for any third party claims (other than those set-forth in Clause 29.1) even if it has been advised of their possible existence.

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29.8. The allocations of liability in this Clause 29 represent the agreed and bargained-for understanding of the parties and compensation for the Services reflects such allocations. Each Party has a duty to mitigate the damages and any amounts payable under an indemnity that would otherwise be recoverable from the other Party pursuant to this Agreement by taking appropriate and commercially reasonable actions to reduce or limit the amount of such damages or amounts.

30. Ownership and Retention of Documents

30.1. PCSCCL shall own the Documents, prepared by or for SI arising out of or in connection with the Contract.

30.2. Forthwith upon expiry or earlier termination of this Contract and at any other time on demand by PCSCCL, SI shall deliver to PCSCCL all documents provided by or originating from PCSCCL and all documents produced by or for SI in the course of performing the Services, unless otherwise directed in writing by PCSCCL at no additional cost. SI shall not, without the prior written consent of PCSCCL store, copy, distribute or retain any such documents.

31. Information Security

31.1. SI shall not carry any written/printed document, layout diagrams, CD, hard disk, storage tapes, other storage devices or any other goods /material proprietary to PCSCCL into / out of any location without written permission from PCSCCL.

31.2. SI shall not destroy any unwanted documents, defective tapes/media present at any location on their own. All such documents, tapes/media shall be handed over to PCSCCL.

31.3. All documentation and media at any location shall be properly identified, labeled and numbered by SI. SI shall keep track of all such items and provide a summary report of these items to PCSCCL whenever asked for.

31.4. Access to PCSCCL's data and systems, Internet facility by SI at any location shall be in accordance with the written permission by PCSCCL. PCSCCL shall allow SI to use facility in a limited manner subject to availability. It is the responsibility of SI to prepare and equip himself in order to meet the requirements.

31.5. SI must acknowledge that PCSCCL's business data and other PCSCCL proprietary information or materials, whether developed by PCSCCL or being used by PCSCCL pursuant to a license agreement with a third party (the foregoing collectively referred to herein as "proprietary information") are confidential and proprietary to PCSCCL; and SI along with its team agrees to use reasonable care to safeguard the proprietary information and to prevent the unauthorized use or disclosure thereof, which care shall not be less than that used by SI to protect its own proprietary information. SI recognizes that the goodwill of PCSCCL depends, among other things, upon SI keeping such proprietary information confidential and that unauthorized disclosure of the same by SI or its team could damage the goodwill of PCSCCL, and that by reason of SI's duties hereunder. SI may come into possession of such proprietary information, even though SI does not take any direct part in or furnish the services performed for the creation of said proprietary information and shall limit access thereto to employees with a need to such access to perform the services required by this Contract. SI shall use such information only for the purpose of performing the said services.

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- 31.6. SI shall, upon termination of this Contract for any reason, or upon demand by PCSCL, whichever is earliest, return any and all information provided to SI by PCSCL, including any copies or reproductions, both hardcopy and electronic.
- 31.7. By virtue of this Contract, SI team may have access to personal information of PCSCL and/or a third party. PCSCL has the sole ownership of and the right to use, all such data in perpetuity including any data or other information pertaining to the citizens that may be in the possession of SI team in the course of performing the Services under the Contract.

32. Records of contract documents

- 32.1. SI shall at all-time make and keep sufficient copies of the process manuals, operating procedures, specifications, Contract documents and any other documentation for SI to fulfill his duties under the Contract.
- 32.2. SI shall keep on the Site at least three copies of each and every specification and Contract Document, in excess of his own requirement and those copies shall be available at all times for use by PCSCL's Representative and by any other person authorized by PCSCL's Representative.

33. Security and Safety

- 33.1. SI shall comply with the directions issued from time to time by PCSCL and the standards related to the security and safety, insofar as it applies to the provision of the Services.
- 33.2. SI shall upon reasonable request by PCSCL, or its nominee(s) participate in regular meetings when safety and information technology security matters are reviewed.

34. Confidentiality

- 34.1. PCSCL or its nominated agencies shall allow the System Integrator to review and utilize highly confidential public records and the System Integrator shall maintain the highest level of secrecy, confidentiality and privacy with regard thereto.
- 34.2. Additionally, the System Integrator shall keep confidential all the details and information with regard to the Project, including systems, facilities, operations, management and maintenance of the systems/facilities.
- 34.3. PCSCL or its nominated agencies shall retain all rights to prevent, stop and if required take the necessary punitive action against the System Integrator regarding any forbidden disclosure.
- 34.4. The System Integrator shall ensure that all its employees, agents and sub-contractors involved in the project, execute individual non-disclosure agreements, which have been duly approved by PCSCL with respect to this Project.
- 34.5. For the avoidance of doubt, it is expressly clarified that the aforesaid provisions shall not apply to the following information:
 - 34.5.1. Information already available in the public domain;
 - 34.5.2. Information which has been developed independently by the System Integrator;
 - 34.5.3. Information which has been received from a third party who had the right to disclose the aforesaid information;
 - 34.5.4. Information which has been disclosed to the public pursuant to a court order

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- 34.6.** To the extent the System Integrator shares its confidential or proprietary information with PCSCL for effective performance of the Services, the provisions of the Clause 35.1 to 35.3 shall apply mutatis mutandis on PCSCL or its nominated agencies
- 34.7.** Any handover of the confidential information needs to be maintained in a list, both by PCSCL & SI, containing at the very minimum, the name of provider, recipient, date of generation of the data, date of handing over of data, mode of information, purpose and signatures of both parties.
- 34.8.** Notwithstanding anything to the contrary mentioned hereinabove, the System Integrator shall have the right to share the Letter of Intent / work order provided to it by PCSCL in relation to this Agreement, with its prospective PCSCLs solely for the purpose of and with the intent to evidence and support its work experience under this Agreement.

35. Events of Default by SI

The failure on the part of SI to perform any of its obligations or comply with any of the terms of this Contract shall constitute an Event of Default on the part of SI. The events of default are but not limited to:

- 35.1.** SI Team has failed to perform any instructions or directives issued by PCSCL which it deems proper and necessary to execute the scope of work or provide services under the Contract, or
- 35.2.** SI Team has failed to confirm / adhere to any of the key performance indicators as laid down in the Key Performance Measures / Service Levels, or if SI has fallen short of matching such standards / benchmarks / targets as PCSCL may have designated with respect to the system or any goods, task or service, necessary for the execution of the scope of work and performance of services under this Contract. The above mentioned failure on the part of SI may be in terms of failure to adhere to performance, quality, timelines, specifications, requirements or any other criteria as defined by PCSCL;
- 35.3.** SI has failed to remedy a defect or failure to perform its obligations in accordance with the specifications issued by PCSCL, despite being served with a default notice which laid down the specific deviance on the part of SI/ SI's Team to comply with any stipulations or standards as laid down by PCSCL; or
- 35.4.** SI/ SI's Team has failed to adhere to any amended direction, instruction, modification or clarification as issued by PCSCL during the term of this Contract and which PCSCL deems proper and necessary for the execution of the scope of work under this Contract
- 35.5.** SI/ SI's Team has failed to demonstrate or sustain any representation or warranty made by it in this Contract, with respect to any of the terms of its Bid, the RFP and this Contract
- 35.6.** There is a proceeding for bankruptcy, insolvency, winding up or there is an appointment of receiver, liquidator, assignee, or similar official against or in relation to SI.
- 35.7.** SI Team has failed to comply with or is in breach or contravention of any applicable laws.
- 35.8.** Where there has been an occurrence of such defaults inter alia as stated above, PCSCL shall issue a notice of default to SI, setting out specific defaults / deviances / omissions / non-compliances / non-performances and providing a notice of thirty (30) days to enable such defaulting party to remedy the default committed.
- 35.9.** Where despite the issuance of a default notice to SI by PCSCL, SI fails to remedy the default to the satisfaction of PCSCL, PCSCL may, where it deems fit, issue to the defaulting party another default notice or proceed to contract termination.

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36. Termination

PCSCCL may, terminate this Contract in whole or in part by giving SI a prior 30 days written notice, indicating its intention to terminate the Contract under the following circumstances:

- 36.1.** Where PCSCCL is of the opinion that there has been such Event of Default on the part of SI / SI's Team which would make it proper and necessary to terminate this Contract and may include failure on the part of SI to respect any of its commitments with regard to any part of its obligations under its Bid, the RFP or under this Contract.
- 36.2.** Where it comes to PCSCCL's attention that SI (or SI's Team) is in a position of actual conflict of interest with the interests of PCSCCL, in relation to any of terms of SI's Bid, the RFP or this Contract.
- 36.3.** Where SI's ability to survive as an independent corporate entity is threatened or is lost owing to any reason whatsoever, including inter-alia the filing of any bankruptcy proceedings against SI, any failure by SI to pay any of its dues to its creditors, the institution of any winding up proceedings against SI or the happening of any such events that are adverse to the commercial viability of SI. In the event of the happening of any events of the above nature, PCSCCL shall reserve the right to take any steps as may necessary, to ensure the effective transition of the sites, pilot site to a successor agency, and to ensure business continuity
- 36.4.** Termination for Insolvency: PCSCCL may at any time terminate the Contract by giving written notice to SI, without compensation to SI, if SI becomes bankrupt or otherwise insolvent, provided that such termination shall not prejudice or affect any right of action or remedy which has accrued or shall accrue thereafter to PCSCCL.
- 36.5.** SI may, subject to approval by PCSCCL, terminate this Contract before the expiry of the term by giving PCSCCL a prior and written notice at least 3 months in advance indicating its intention to terminate the Contract.

36.6. Termination for Material Breach

- i. In the event that either Party believes that the other Party is in Material Breach of its obligations under this Agreement, such aggrieved Party may terminate this Agreement upon giving a one month's notice for curing the Material Breach to the other Party. In case the Material Breach continues, after the notice period, PCSCCL or System Integrator, as the case may be will have the option to terminate the Agreement.
- ii. Any notice served pursuant to this Clause shall give reasonable details of the Material Breach, which could include the following events and the termination will become effective:
 - a. If the System Integrator is not able to deliver the services as per the SLAs defined in RFP which translates into Material Breach, then PCSCCL may serve a thirty (30) days written notice for curing this Material Breach. In case the Material Breach continues, after the expiry of such notice period, PCSCCL will have the option to terminate this Agreement. Further, PCSCCL may after affording a reasonable opportunity to the System Integrator to explain the circumstances leading to such a breach.
 - b. If there is a Material Breach by PCSCCL or its nominated agencies which results in not providing support for effecting data migration or not providing the certification of User Acceptance then the System Integrator will give a one month's notice for curing the Material Breach to PCSCCL. After the expiry of such notice period, the System Integrator will have the option to terminate the Agreement.

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- iii. PCSCL may by giving a one month's written notice, terminate this Agreement if a change of control of the SI has taken place. For the purposes of this Clause, in the case of the SI, change of control shall mean the events stated in Clause 12.28, and such notice shall become effective at the end of the notice period as set out in Clause 12.28.
- iv. In the event that SI undergoes such a change of control, PCSCL may, as an alternative to termination, require a full Performance Guarantee for the obligations of SI by a guarantor acceptable to PCSCL or its nominated agencies. If such a guarantee is not furnished within thirty (30) days of PCSCL's demand, PCSCL may exercise its right to terminate this Agreement in accordance with this Clause by giving fifteen (15) days further written notice to the SI.
- v. The termination provisions set out in this Clause shall apply mutatis mutandis to the SLA

36.7. Termination for Convenience

- i. PCSCL may at any time terminate the Contract for any reason by giving the SI a notice of termination that refers to this clause.
- ii. Upon receipt of the notice of termination under this clause, the SI shall either as soon as reasonably practical or upon the date specified in the notice of termination:
 - a) cease all further work, except for such work as PCSCL may specify in the notice of termination for the sole purpose of protecting that part of the System already executed, or any work required to leave the site in a clean and safe condition;
 - b) terminate all subcontracts, except those to be assigned to PCSCL pursuant to Clause 37.7 (ii) (d) (ii) below;
 - c) remove all SI's Equipment from the site, repatriate the SI's and its Subcontractors' personnel from the site, remove from the site any wreckage, rubbish, and debris of any kind;
 - d) in addition, the SI shall:
 - i. Deliver to PCSCL the parts of the System executed by the SI up to the date of termination;
 - ii. To the extent legally possible, assign to PCSCL all right, title, and benefit of the SI to the System, or Subsystem, as at the date of termination, and, as may be required by PCSCL, in any subcontracts concluded between the SI and its Subcontractors;
 - iii. Deliver to PCSCL all non-proprietary drawings, specifications, and other documents prepared by the SI or its Subcontractors as of the date of termination in connection with the System.

36.8. Termination of this Agreement due to bankruptcy of SI

PCSCL may serve written notice on System Integrator at any time to terminate this Agreement with immediate effect in the event that the System Integrator reporting an apprehension of bankruptcy to PCSCL or its nominated agencies.

37. Effects of Termination

- i. In the event that PCSCL terminates this Agreement pursuant to failure on the part of the System Integrator to comply with the conditions as contained in this Clause and depending on the event of default, Performance Guarantee furnished by System Integrator may be forfeited.

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- ii. Upon termination of this Agreement, the Parties will comply with the Exit Management section set out in Clause 26 of this Agreement.
- iii. In the event that PCSCL or the System Integrator terminates this Agreement, the compensation will be decided in accordance with the Terms of Payment Schedule set out as Payment Schedule section of this Agreement.
- iv. PCSCL agrees to pay System Integrator for
 - a. all charges for Services System Integrator provides and any Deliverables and/or system (or part thereof) System Integrator delivers through termination and any charges at the tendered rate, for extension period beyond termination as decided by the Nodal Agency, and
 - b. Reimbursable expenses System Integrator incurs through termination.
- v. If PCSCL terminates without cause, PCSCL also agrees to pay any applicable adjustment expenses to System Integrator, incurs as a result of such termination (which System Integrator will take reasonable steps to mitigate).
- vi. In the event of termination of the Contract under clause 37.7, PCSCL shall pay to the SI the following amounts:
 - a. The Contract Price, properly attributable to the parts of the System executed by the SI as of the date of termination;
 - b. The cost of satisfying all other obligations, commitments, and claims that the SI may in good faith have undertaken with third parties in connection with the Contract and that are not covered by Clauses 38 (iv) above.

38. Change Control Note (CCN)

- 38.1.** This applies to and describes the procedure to be followed in the event of any proposed change to contract, site Implementation, and Service levels. Such change shall include, but shall not be limited to, changes in the scope of services or products provided by SI and changes to the terms of payment.
- 38.2.** Change requests in respect of the contract, the site implementation, or the Service levels shall emanate from the Parties' representative who shall be responsible for obtaining approval for the change and who shall act as its sponsor throughout the Change Control Process and shall complete Part A of the CCN (Annex I of this Agreement). CCNs shall be presented to the other Party's representative who shall acknowledge receipt by signature of the authorized representative of PCSCL.
- 38.3.** SI and PCSCL while preparing the CCN, shall consider the change in the context of whether the change is beyond the scope of Services including ancillary and concomitant services required
- 38.4.** The CCN shall be applicable for the items which are beyond the stated/implied scope of work as per the RFP document.
- 38.5.** Additional payment due to change in location shall be considered only in those cases where any such change has been made after approval, by PCSCL, of the detailed locations plan prepared by the SI based on actual ground survey and such change results in additional material and or efforts/labour cost, post the minimum changes to be done at no cost to PCSCL/ PCMC as mentioned the RFP and its Common Set of Deviatons.
- 38.6. Quotation**
 - 38.6.1. SI shall assess the CCN and complete Part B of the CCN. In completing Part B of the CCN SI shall provide as a minimum:
 - a. A description of the change;

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- b. A list of deliverables required for implementing the change;
 - c. A timetable for implementation;
 - d. An estimate of any proposed change;
 - e. Any relevant acceptance criteria;
 - f. An assessment of the value of the proposed change;
 - g. Material evidence to prove that the proposed change is not already covered within the scope of the RFP, Contract and Service Levels.
- 38.6.2. Prior to submission of the completed CCN to PCSCCL or its nominated agencies, SI shall undertake its own internal review of the proposal and obtain all necessary internal approvals. As a part of this internal review process, SI shall consider the materiality of the proposed change in the context of the Contract, the sites, Service levels affected by the change and the total effect that may arise from implementation of the change.
- 38.6.3. Each Party shall be responsible for its own costs incurred in the quotation, preparation of CCNs and in the completion of its obligations described in this process provided SI meets the obligations as set in the CCN. In the event SI is unable to meet the obligations as defined in the CCN then the cost of getting it done by third party shall be borne by SI. Change requests and CCNs shall be reported monthly to each Party's representative who shall prioritize and review progress.

39. Project Implementation Timelines, Deliverables and Payment Terms

As per RFP or subsequent corrigendum/addendums

39.1. Project Deliverables, Milestones and Timelines

As per RFP or subsequent corrigendum/addendums

39.2. Payment Terms and Schedule

As per RFP or subsequent corrigendum/addendums

40. Miscellaneous

40.1. Personnel

- a) The personnel assigned by System Integrator to perform the Services shall be employees of System Integrator or its subcontractor(s), and under no circumstances shall such personnel be considered employees of PCSCCL or its nominated agencies. The System Integrator shall have the sole responsibility for the supervision and control of the personnel deployed in the Project and for payment of such personnel's compensation, including salary, withholding of income taxes and social security taxes, worker's compensation, employee and disability benefits and the like and shall be responsible for all obligations of an employer subject to Applicable Law.
- b) The System Integrator shall use its best efforts to ensure that sufficient System Integrator personnel are assigned to perform the Services and such personnel have appropriate qualifications to perform the Services. After discussion with System Integrator, PCSCCL or its

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nominated agencies shall have the right to require the removal or replacement of any System Integrator personnel performing work under this Agreement based on bona fide reasons. In the event that PCSCCL or its nominated agencies requests that any System Integrator personnel be replaced, the substitution of such personnel shall be accomplished pursuant to a mutually agreed upon schedule.

- c) In the event that PCSCCL and System Integrator identify any personnel of System Integrator as “Key Personnel”, then the System Integrator shall not remove such personnel from the Project without the prior written consent of PCSCCL or its nominated agencies unless such removal is the result of an unavoidable circumstance including but not limited to resignation, termination, medical leave, etc.
- d) Except as stated in this Clause, nothing in this Agreement or the SLA will limit the ability of System Integrator to freely assign or reassign its employees; provided that System Integrator shall be responsible, at its expense, for transferring all appropriate knowledge from personnel being replaced to their replacements. PCSCCL or its nominated agencies shall have the right to review and approve System Integrator’s plan for any such knowledge transfer. System Integrator shall maintain the same or higher standards for skills and professionalism among replacement personnel as in personnel being replaced.
- e) Each Party shall be responsible for the performance of all its obligations under this Agreement or the SLA as the case may be and shall be liable for the acts and omissions of its employees and agents in connection therewith.
- f) Neither Party will solicit for employment or knowingly hire an employee of the other Party with whom such Party has contact pursuant to project engagements under this Agreement. This restriction shall not apply to employees of either Party responding to advertisements in job fairs or news media circulated to the general public.

40.2. Independent Contractor

Nothing in this Agreement or the SLA shall be construed as establishing or implying any partnership or joint venture between the Parties to this Agreement or the SLA and, except as expressly stated in this Agreement or the SLA, nothing in this Agreement or the SLA shall be deemed to constitute any Parties as the agent of any other Party or authorizes either Party to:

- a) Incur any expenses on behalf of the other Party;
- b) Enter into any engagement or make any representation or warranty on behalf of the other Party;
- c) Pledge the credit of or otherwise bind or oblige the other Party; or
- d) Commit the other Party in any way whatsoever without in each case obtaining the other Party’s prior written consent

40.3. Sub-contractors

System Integrator shall not subcontract any work related to the services under this contract except as explicitly mentioned in the RFP. However the System Integrator shall provide the list of all the other services planned to be sub contracted, within fifteen (15) days of signing the Agreement. It is clarified that the System Integrator shall be the principal employer for all claims arising from the liabilities statutory or otherwise, concerning the sub-contractors. The System Integrator undertakes to indemnify PCSCCL or its nominated agencies from any claims on the grounds stated hereinabove.

40.4. Assignment

- a) All terms and provisions of this Agreement shall be binding on and shall inure to the benefit of PCSCCL and their respective successors and permitted assigns
- b) The System Integrator shall not be permitted to assign its rights and obligations under this Agreement to any third party
- c) PCSCCL may assign or novate all or any part of this Agreement and Schedules/Annexures, and the System Integrator shall be a party to such novation, to any third party contracted to provide outsourced services to PCSCCL or any of its nominees

40.5. Trademarks, Publicity

Neither Party may use the trademarks of the other Party without the prior written consent of the other Party except that System Integrator may, upon completion, use the Project as a reference for credential purpose. Except as required by law or the rules and regulations of each stock exchange upon which the securities of one of the Parties is listed, neither Party shall publish or permit to be published either along or in conjunction with any other person any press release, information, article, photograph, illustration or any other material of whatever kind relating to this Agreement, the SLA or the business of the Parties without prior reference to and approval in writing from the other Party, such approval not to be unreasonably withheld or delayed provided however that System Integrator may include PCSCCL or its client lists for reference to third parties subject to the prior written consent of PCSCCL not to be unreasonably withheld or delayed. Such approval shall apply to each specific case and relate only to that case.

40.6. Notices

- a) Any notice or other document which may be given by either Party under this Agreement or under the SLA shall be given in writing in person or by pre-paid recorded delivery post, email or by facsimile transmission
- b) In relation to a notice given under this Agreement, any such notice or other document shall be addressed to the other Party's principal or registered office address as set out below:

PCSCCL Address: *Pimpri Chinchwad Municipal Corporation, Mumbai-Pune Road, Pimpri, Pune-411018*

Tel: +91-020-27425511/12/13/14/67333333

Fax:

Email: smartcity@pcmcindia.gov.in

System Integrator:

Tel:

Fax:

Email:

Contact:

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- c) In relation to a notice given under the MSA / SLA, a Party shall specify the Parties' address for service of notices, any such notice to be copied to the Parties at the addresses set out in this Clause
- d) Any such notice or other document shall be deemed to have been given to the other Party (or, if relevant, its relevant associated company) when delivered (if delivered in person) if delivered between the hours of 9.00 am and 5.00 pm at the address of the other Party set forth above or if sent by fax, provided the copy fax is accompanied by a confirmation of transmission, or on the next working day thereafter if delivered outside such hours, and seven (7) days from the date of posting (if by letter)
- e) Either Party to this Agreement or to the SLA may change its address, telephone number, facsimile number and nominated contact for notification purposes by giving the other reasonable prior written notice of the new information and its effective date

40.7. Variations and Further Assurance

- a) No amendment, variation or other change to this Agreement or the SLA shall be valid unless authorized in accordance with the change control procedure as set out in the Change Control Schedule set out in Annex II of this Agreement. Such amendment shall be made in writing and signed by the duly authorized representatives of the Parties to this Agreement or the SLA.
- b) Each Party to this Agreement or the SLA agrees to enter into or execute, without limitation, whatever other agreement, document, consent and waiver and to do all other things which shall or may be reasonably required to complete and deliver the obligations set out in this Agreement or the SLA.

40.8. Severability and Waiver

- a) If any provision of this Agreement or the SLA, or any part thereof, shall be found by any court or administrative body of competent jurisdiction to be illegal, invalid or unenforceable the illegality, invalidity or unenforceability of such provision or part provision shall not affect the other provisions of this Agreement or the SLA or the remainder of the provisions in question which shall remain in full force and effect. The relevant Parties shall negotiate in good faith in order to agree to substitute for any illegal, invalid or unenforceable provision a valid and enforceable provision which achieves to the greatest extent possible the economic, legal and commercial objectives of the illegal, invalid or unenforceable provision or part provision.
- b) No failure to exercise or enforce and no delay in exercising or enforcing on the part of either Party to this Agreement or the SLA of any right, remedy or provision of this Agreement or the SLA shall operate as a waiver of such right, remedy or provision in any future application nor shall any single or partial exercise or enforcement of any right, remedy or provision preclude any other or further exercise or enforcement of such right, remedy or provision or the exercise or enforcement of any other right, remedy or provision.

40.9. Compliance with Applicable Law

Each Party to this Agreement accepts that its individual conduct shall (to the extent applicable to its business like the Implementation Agency as an information technology service provider) at all times comply with all laws, rules and regulations of government and other bodies having jurisdiction over the

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area in which the Services are undertaken provided that changes in such laws, rules and regulations which result in a change to the Services shall be dealt with in accordance with the Change Control Schedule set out in Annex II of this Agreement.

40.10. Professional Fees

All expenses incurred by or on behalf of each Party to this Agreement and the SLA, including all fees of agents, legal advisors, accountants and actuaries employed by either of the Parties in connection with the negotiation, preparation and execution of this Agreement or the SLA shall be borne solely by the Party which incurred them.

40.11. Ethics

The System Integrator represents, warrants and covenants that it has given no commitments, payments, gifts, kickbacks, lavish or expensive entertainment, or other things of value to any employee or agent of PCSCCL or its nominated agencies in connection with this agreement and acknowledges that the giving of any such payment, gifts, entertainment, or other things of value is strictly in violation of PCSCCL standard policies and may result in cancellation of this Agreement, or the SLA.

40.12. Entire Agreement

This Agreement and the SLA with all schedules & annexures appended thereto and the contents and specifications of the RFP constitute the entire agreement between the Parties with respect to their subject matter, and as to all other representations, understandings or agreements which are not fully expressed herein, provided that nothing in this Clause shall be interpreted so as to exclude any liability in respect of fraudulent misrepresentation.

40.13. Amendment

Any amendment to this Agreement shall be made in accordance with the Change Control Schedule set out in Annex II of this Agreement by mutual written consent of all the Parties.

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C. SERVICE LEVELS

As per RFP

41. Reporting Procedures

- 41.1. SI representative shall prepare and distribute Service level performance reports in a mutually agreed format by the 5th working day of subsequent month. The reports shall include “actual versus target” Service Level Performance, a variance analysis and discussion of appropriate issues or significant events. Performance reports shall be distributed to PCSCCL management personnel as directed by PCSCCL.
- 41.2. Also, SI may be required to get the Service Level performance report audited by a third-party Auditor appointed by PCSCCL.

42. Issue Management Procedures

42.1. General

This process provides an appropriate management structure for the orderly consideration and resolution of business and operational issues in the event that quick consensus is not reached between PCSCCL and SI.

Implementing such a process at the beginning of the outsourcing engagement significantly improves the probability of successful issue resolution. It is expected that this pre-defined process shall only be used on an exception basis if issues are not resolved at lower management levels.

42.2. Issue Management Process

- 42.2.1. Either PCSCCL or SI may raise an issue by documenting the business or technical problem, which presents a reasonably objective summary of both points of view and identifies specific points of disagreement with possible solutions.
- 42.2.2. PCSCCL and the SI will determine which committee or executive level should logically be involved in resolution
- 42.2.3. A meeting or a conference call will be conducted to resolve the issue in a timely manner. The documented issues will be distributed to the participants at least 24 hours prior to the discussion, if the issue is not an emergency requiring immediate attention.
- 42.2.4. PCSCCL and the SI shall develop an interim solution, if required, and subsequently the permanent solution for the issue at hand. The SI will then communicate the resolution to all the interested parties.
- 42.2.5. Any unresolved issues shall first be referred in writing to the Project Monitoring Committee. If the Project Monitoring Committee is unable to resolve the issue referred to them within fifteen (15) days, the same shall be referred to Project Steering Committee.

43. Service Level Change Control

43.1. General

It is acknowledged that these **Service levels may change as PCSCL's business needs evolve over the course of the contract period**. As such, this document also defines the following management procedures:

- a. A process for negotiating changes to the Service Levels
- b. An issue management process for documenting and resolving particularly difficult issues.
- c. PCSCL and SI management escalation process to be used in the event that an issue is not being resolved in a timely manner by the lowest possible level of management.

Any changes to the levels of service provided during the term of this Contract shall be requested, documented and negotiated in good faith by both parties. Either party can request a change.

43.2. Service Level Change Process: The parties may amend Service Level by mutual agreement in accordance. Changes can be proposed by either party .Unresolved issues shall also be addressed. SI's representative shall maintain and distribute current copies of the Service Level document as directed by PCSCL. Additional copies of the current Service Levels shall be available at all times to authorized parties.

43.3. Version Control / Release Management: All negotiated changes shall require changing the version control number. As appropriate, minor changes may be accumulated for periodic release or for release when a critical threshold of change has occurred.

44. Governance Law and Dispute Resolution

44.1. This Agreement shall be governed by and construed in accordance with the laws of India, without giving effect to conflict of law rules. The parties expressly agree to exclude the application of the U.N. Convention on Contracts for the International Sale of Goods (1980) to this Agreement and the performance of the parties contemplated under this Agreement, to the extent that such convention might otherwise be applicable.

44.2. Any dispute arising out of or in connection with this Agreement or the SLA shall in the first instance be dealt with in accordance with the escalation procedure as set out in the Governance Schedule set out in Annex IV of this Agreement.

44.3. In case the escalations do not help in resolution of the problem within 3 weeks of escalation, both the parties should agree on a mediator for communication between the two parties.

44.4. The process of the mediation would be as follows:

44.4.1. Aggrieved party should refer the dispute to the identified mediator in writing, with a copy to the other party. Such a reference should contain a description of the nature of the dispute, the quantum in dispute (if any) and the relief or remedy sought suitable.

44.4.2. The mediator shall use his best endeavors to conclude the mediation within a certain number of days of his appointment.

44.4.3. If no resolution can be reached through mutual discussion or mediation within thirty (30) days then the matter should be referred to Experts for advising on the issue.

44.5. In case the mediation does not help in resolution and it requires expertise to understand an issue, a neutral panel of 3 experts, agreeable to both parties should be constituted. The process of the expert advisory would be as follows:

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- 44.5.1. Aggrieved party should write to the other party on the failure of previous alternate dispute resolution processes within the timeframe and requesting for expert advisory. This is to be sent with a copy to the mediator.
- 44.5.2. Both parties should thereafter agree on the panel of experts who are well conversant with the issue under dispute
- 44.5.3. The expert panel shall use his best endeavors to provide a neutral position on the issue.
- 44.5.4. If no resolution can be reached through the above means within thirty (30) days then the matter should be referred to Arbitration.
- 44.6.** Compliance with laws: Each party will comply with all applicable export and import laws and regulations.
- 44.7.** Risk of Loss: For each hardware item, System Integrator bears the risk of loss or damage up to the time it is delivered to the Implementation/PCSCCL-designated carrier for shipment to PCSCCL or PCSCCL's designated location.
- 44.8.** Third party components: System Integrator will provide all third party components solely on a pass-through basis in accordance with the relevant third party terms and conditions.

45. Jurisdiction

In the event of dispute, Pune District Courts shall have the exclusive jurisdiction.

IN WITNESS WHEREOF the Parties have by duly authorized

Representatives set their respective hands and seal on the date first above

Written in the presence of:

WITNESSES:

Signed by:

(Name and designation) **For and on behalf of PCSCCL**

(FIRST PARTY)

Signed by:

(Name and designation)

SYSTEM INTEGRATOR

(SECOND PARTY)

(Name and designation) For and on behalf of System Integrator

Signed by:

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Proforma A – Detailed Price Schedule

As per submitted and accepted BoQ

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ANNEXURES

A. Annex I: Change Control Note

| | |
|--|--------------------|
| Change Control Note | CCN Number: |
| Part A: Initiation | |
| Title: | |
| Originator: | |
| Sponsor: | |
| Date of Initiation: | |
| Details of Proposed Change | |
| (To include reason for change and appropriate details/specifications. Identify any attachments as A1, A2 and A3 etc.) | |
| | |
| Authorized by PCSCL | Date: |
| Name: | |
| Signature: | |
| Received by the Bidder | Date: |
| Name: | |
| Signature: | |
| Change Control Note | CCN Number: |
| Part B : Evaluation | |
| (Identify any attachments as B1, B2, and B3 etc.) | |
| Changes to Services, payment terms, payment profile, documentation, training, service levels and component working arrangements and any other contractual issue. | |
| Brief Description of Solution: | |
| Impact: | |
| | |
| Deliverables: | |
| | |
| Timetable: | |
| | |
| Charges for Implementation: (including a schedule of payments) | |
| | |
| Other Relevant Information: (including value-added and acceptance criteria) | |
| | |
| Authorized by the | Date: |

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| | |
|--|---------------------|
| Bidder | |
| Name: | |
| Signature: | |
| Change Control Note | CCN Number : |
| Part C : Authority to Proceed | |
| Implementation of this CCN as submitted in Part A, in accordance with Part B is: (tick as appropriate) | |
| Approved | |
| Rejected | |
| Requires Further Information (as follows, or as Attachment 1 etc.) | |
| For PCSCCL and its nominated agencies | For SI |
| Signature | Signature |
| Name | Name |
| Title | Title |
| Date | Date |

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B. Annex II: Change Control Schedule

This Schedule describes the procedure to be followed in the event of any proposed change to the Master Service Agreement (“MSA”), Project Implementation Phase, SLA and Scope of Work and Functional Requirement Specifications. Such change shall include, but shall not be limited to, changes in the scope of services provided by the System Integrator and changes to the terms of payment as stated in the Terms of Payment Schedule.

PCSCCL and SI recognize that frequent change is an inevitable part of delivering services and that a significant element of this change can be accomplished by re-organizing processes and responsibilities without a material effect on the cost. The SI will endeavor, wherever reasonably practicable, to effect change without an increase in the terms of payment as stated in the Terms of Payment Schedule and PCSCCL or its nominated agencies will work with the System Integrator to ensure that all changes are discussed and managed in a constructive manner. This Change Control Schedule sets out the provisions which will apply to all the changes to this agreement and other documents except for the changes in SLAs for which a separate process has been laid out in the SLA.

This Change Control Schedule sets out the provisions which will apply to changes to the MSA.

CHANGE MANAGEMENT PROCESS

a) CHANGE CONTROL NOTE ("CCN")

- i. Change requests in respect of the MSA, the Project Implementation, the operation, the SLA or Scope of work and Functional Requirement specifications will emanate from the Parties' respective Project Manager who will be responsible for obtaining approval for the change and who will act as its sponsor throughout the Change Control Process and will complete Part A of the CCN attached as Annex I hereto. CCNs will be presented to the other Party's Project Manager who will acknowledge receipt by signature of the CCN.
- ii. The SI and PCSCCL or its nominated agencies, during the Project Implementation Phase and PCSCCL or its nominated agencies during the Operations and Management Phase and while preparing the CCN, shall consider the change in the context of the following parameter, namely whether the change is beyond the scope of Services including ancillary and concomitant services required and as detailed in the RFP and is suggested and applicable only after the testing, commissioning and certification of the Pilot Phase and the Project Implementation Phase as set out in this Agreement.
- iii. It is hereby also clarified that any change request suggested beyond 25% of the value of this Project will be beyond the scope of the change control process and will be considered as the subject matter for a separate bid process and a separate contract. It is hereby clarified that the 25% of the value of the Project as stated in herein above is calculated on the basis of bid value submitted by the System Integrator and accepted by PCSCCL or its nominated agencies or as decided and approved by PCSCCL or its Nominated Agencies. For arriving at the cost / rate for change up to 25% of the project value, the payment terms and relevant rates as specified in Annexure III shall apply.

b) Quotation

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- i. The SI shall assess the CCN and complete Part B of the CCN, in completing the Part B of the CCN the SI shall provide as a minimum:
 - a) a description of the change
 - b) a list of deliverables required for implementing the change;
 - c) a time table for implementation;
 - d) an estimate of any proposed change
 - e) any relevant acceptance criteria
 - f) an assessment of the value of the proposed change;
 - g) material evidence to prove that the proposed change is not already covered within the Agreement and the scope of work
- ii. Prior to submission of the completed CCN to PCSCL, or its nominated agencies, the Service Provider will undertake its own internal review of the proposal and obtain all necessary internal approvals.
- iii. As a part of this internal review process, the SI shall consider the materiality of the proposed change in the context of the MSA and the Project Implementation affected by the change and the total effect that may arise from implementation of the change

c) Costs

Each Party shall be responsible for its own costs incurred in the quotation, preparation of CCNs and in the completion of its obligations described in this process provided the SI meets the obligations as set in the CCN. In case of recertification due to proposed changes, required cost will be borne by the party that initiated the change. In the event the SI is unable to meet the obligations as defined in the CCN then the cost of getting it done by third party will be borne by the SI.

d) Obligations

The SI shall be obliged to implement any proposed changes once approval in accordance with above provisions has been given, with effect from the date agreed for implementation and within an agreed timeframe. SI will not be obligated to work on a change until the parties agree in writing upon its scope, price and/or schedule impact. The cost associated with any hardware/goods/License for COTS product should not exceed the price quoted in the bidder's proposal. Any costs associated with changes to Software specifications which cannot be arrived at on the basis of the SI's proposal shall be mutually agreed to between the SI and PCSCL.

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C Annex III: Form of Agreement

THIS Agreement made thedate of.....2018, between..... (hereinafter.....referred to as the “SI”) of the one part and (hereinafter called the “PCSCCL”) of the other part.

WHEREAS SI has the required professional skills, personnel and technical resources, has agreed to provide the Services on the terms and conditions set forth in this Contract and is about to perform services as specified in this RFP(hereinafter called “works”) mentioned, enumerated or referred to in certain Contract conditions, specification, scope of work, other Sections of the RFP, covering letter and schedule of prices which, for the purpose of identification, have been signed by on behalf of the SI and(PCSCCL) on behalf of PCSCCL and all of which are deemed to form part of the Contract as though separately set out herein and are included in the expression “Contract” whenever herein used.

NOW, THEREFORE, IT IS HEREBY AGREED between the parties as follows:

- a. PCSCCL has accepted the tender of SI for the provision and execution of the said works for the sum ofupon the terms laid out in this RFP.
- b. SI hereby agrees to provide Services to PCSCCL, conforming to the specified Service Levels and conditions mentioned
- c. The following documents attached hereto shall be deemed to form an integral part of this Agreement:

| | |
|---|---|
| Complete Request for Proposal (RFP) Document | <i>RFP, Clarifications, corrigendum and addendum, if any</i> |
| Complete Proposal | Complete Proposal of successful bidder including technical presentation and clarifications sought by PCSCCL from the bidder |
| Break-up of cost components | <i>Selected Bidder's Commercial bid</i> |

- d. The mutual rights and obligations of the “PCSCCL” and SI shall be as set forth in the Agreement, in particular:
 - SI shall carry out and complete the Services in accordance with the provisions of the Agreement; and
 - The “PCSCCL” shall make payments to SI in accordance with the provisions of the Agreement.

NOW THESE PRESENTS WITNESS and the parties hereto hereby agree and declare as follows, that is to say, in consideration of the payments to be made to SI by PCSCCL as hereinafter mentioned, SI shall deliver the services for the said works and shall do and perform all other works and things in the Contract mentioned or described or which are implied there from or there in respectively or may be reasonably necessary for the completion of the said works within and at the times and in the manner and subject to the terms, conditions and stipulations mentioned in the said Contract.

AND in consideration of services and milestones, PCSCCL shall pay to SI the said sum ofor such other sums as may become payable to SI under the provisions of this Contract, such payments to be made at such time and in such manner as is provided by the Contract.

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IN WITNESS WHEREOF the parties hereto have signed this deed hereunder on the dates respectively mentioned against the signature of each.

Signed
Name : _____
Designation : _____

Date :

Place :

In the presence of:

Signed
Name : _____
Designation : _____
Date : _____
Place : _____

Signed
Name : _____
Designation : _____

Date :

Place :

in the presence of:

Signed
Name : _____
Designation : _____
Date : _____
Place : _____

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D. Annex IV: Governance Schedule

Purpose:

The purpose of this Schedule is to:

- i. establish and maintain the formal and informal processes for managing the relationship between PCSCCL and the System Integrator (including the outputs from other Schedules to this Agreement;
- ii. define the principles that both Parties wish to follow to ensure the delivery of the Services;
- iii. ensure the continued alignment of the interests of the Parties;
- iv. ensure that the relationship is maintained at the correct level within each Party;
- v. create the flexibility to revise and maintain the relationship and this Agreement during the Term;
- vi. set out the procedure for escalating disagreements; and
- vii. enable contract administration and performance management

Governance Structure:

- i. Project Managers: The relationship under this Agreement will be managed by the Project Managers appointed by each Party, who will provide the interface between the executive management of the respective Parties.
- ii. Project Implementation Unit (PIU): Within seven (7) days following the Effective Date, PCSCCL or its nominated agencies and the System Integrator shall each appoint a Project Manager. In the event that either Party wishes to substitute its Project Manager, it will do so in a manner in which the original appointment is made and notify the other Party of such substitution as soon as reasonably practicable but at the latest within seven (7) days of the substitution.
- iii. The Project Managers shall have responsibility for maintaining the interface and communication between the Parties.
- iv. The PIU will meet formally on a fortnightly / monthly / quarterly, as required, basis at a time and location to be agreed between them. These meetings will cover, as a minimum, the following agenda items: (i) consideration of Quarterly Performance Reports; (ii) consideration of matters arising out of the Change Control Schedule; (iii) issues escalated in accordance with the escalation procedure as set out in the Governance Schedule; (iv) matters to be brought before the PIU in accordance with the MSA and the Schedules; (v) any matter brought before the PIU by the System Integrator under this Article; and (vi) any other issue which either Party wishes to add to the agenda.
- v. In the event that there is any material factor which affects the delivery of the Services or the terms of payment as stated in the Terms of Payment Schedule, the Parties agree to discuss in the PIU any appropriate amendment to the Agreement or any Service Level Agreements or Statement of Works including any variation to the terms of payment as stated in the Terms of Payment Schedule. Any variation so agreed shall be implemented through the change control procedure as set out in the Change Control Schedule.

Governance Procedures:

Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools

- i. The System Integrator shall document the agreed structures in a procedures manual.
- ii. The agenda for each meeting of the PIU shall be set to reflect the discussion items referred to above and extraordinary items may be added either with the agreement of the Parties or at the request of either Party. Copies of the agenda for meetings of the PIU, along with relevant pre-reading material, shall be distributed at least one week in advance of the relevant meeting.
- iii. All meetings and proceedings will be documented such documents to be distributed to the Parties and copies shall be kept as a record. All actions, responsibilities and accountabilities arising out of any meeting shall be tracked and managed.
- iv. The Parties shall ensure as far as reasonably practicable that the PIU shall resolve the issues and resolve the objectives placed before them and that members representing that Party are empowered to make relevant decisions or have easy access to empowered individuals for decisions to be made to achieve this.
- v. In order formally to submit a Disputed Matter to the aforesaid for a, one Party ("Claimant") shall give a written notice ("Dispute Notice") to the other Party. The Dispute Notice shall be accompanied by (a) a statement by the Claimant describing the Disputed Matter in reasonable detail and (b) documentation, if any, supporting the Claimant's position on the Disputed Matter.
- vi. The other Party ("Respondent") shall have the right to respond to the Dispute Notice within seven (7) days after receipt of the Dispute Notice. In the event that the parties are unable to resolve the Disputed Matter within a further period of seven (7) days, it shall refer the disputed matter to next level of the dispute resolution for action
- vii. All negotiations, statements and / or documentation pursuant to these Articles shall be without prejudice and confidential (unless mutually agreed otherwise).
- viii. If the disputed matter is having a material effect on the operation of the Services (or any of them or part of them) the Parties will use all their respective reasonable endeavors to reduce the elapsed time in reaching a resolution of the disputed matter.

Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools

E. Annex V: Audit, Access and Reporting

1. PURPOSE

This Schedule details the audit, access and reporting rights and obligations of PCSCCL or its nominated agency and the System Integrator.

2. AUDIT NOTICE AND TIMING

1. As soon as reasonably practicable after the Effective Date, the Parties shall use their best endeavors to agree to a timetable for routine audits during the Project Implementation Phase and the Operation and Management Phase. Such timetable during the Implementation Phase, PCSCCL or its nominated agency and thereafter during the operation Phase, PCSCCL or its nominated agency shall conduct routine audits in accordance with such agreed timetable and shall not be required to give the System Integrator any further notice of carrying out such audits.
2. PCSCCL or its nominated agency may conduct non-timetabled audits at his/ her own discretion if it reasonably believes that such non-timetabled audits are necessary as a result of an act of fraud by the System Integrator, a security violation, or breach of confidentiality obligations by the System Integrator, provided that the requirement for such an audit is notified in writing to the System Integrator a reasonable period time prior to the audit (taking into account the circumstances giving rise to the reasonable belief) stating in a reasonable level of detail the reasons for the requirement and the alleged facts on which the requirement is based. If the System Integrator considers that the non-timetabled audit was not appropriate, the matter shall be referred to the escalation procedure as set out in the Governance Schedule.
3. The frequency of audits shall be a (maximum) half yearly, provided always that PCSCCL or its nominated agency shall endeavor to conduct such audits with the lowest levels of inconvenience and disturbance practicable being caused to the System Integrator. Any such audit shall be conducted by with adequate notice of 2 weeks to the System Integrator.
4. PCSCCL will ensure that any 3rd party agencies (except CAG) appointed to conduct the audit will not be the competitor of System Integrator and will be bound by confidentiality obligations.

3. ACCESS

1. The System Integrator shall provide to PCSCCL or its nominated agency reasonable access to employees, subcontractors, SIs, agents and third party facilities as detailed in the RFP, documents, records and systems reasonably required for audit and shall provide all such persons with routine assistance in connection with the audits and inspections. The Chairperson, PIU / Steering Committee shall have the right to copy and retain copies of any relevant records. The System Integrator shall make every reasonable effort to co-operate with them.

4. AUDIT RIGHTS

1. PCSCCL or its nominated agency shall have the right to audit and inspect SIs, agents and third party facilities (as detailed in the RFP), data centers, documents, records, procedures and systems relating to the provision of the services, but only to the extent that they relate to the provision of the services, as shall be reasonably necessary to verify:

Selection of Bidder for Municipal e-Classrooms and School Learning & Resource Improvement Program (SLRIP) at 123 PCMC Municipal Schools

- 1.1. The security, integrity and availability of all data processed, held or conveyed by the Partner on behalf of PCSCCL and documentation related thereto;
- 1.2. That the actual level of performance of the services is the same as specified in the SLA;
- 1.3. That the System Integrator has complied with the relevant technical standards, and has adequate internal controls in place; and
- 1.4. The compliance of the System Integrator with any other obligation under the MSA and SLA.
- 1.5. Security audit and implementation audit of the system shall be done once each year, the cost of which shall be borne by the System Integrator.
- 1.6. For the avoidance of doubt the audit rights under this Schedule shall not include access to the System Integrator's profit margins or overheads, any confidential information relating to the System Integrator' employees, or (iii) minutes of its internal Board or Board committee meetings including internal audit, or (iv) such other information of commercial-in-confidence nature which are not relevant to the Services associated with any obligation under the MSA.

5. AUDIT RIGHTS OF SUB-CONTRACTORS, SIS AND AGENTS

1. The System Integrator shall use reasonable endeavors to achieve the same audit and access provisions as defined in this Schedule with sub-contractors who supply labour, services in respect of the services. The System Integrator shall inform PCSCCL or its nominated agency prior to concluding any sub-contract or supply agreement of any failure to achieve the same rights of audit or access.
2. REPORTING: The System Integrator will provide quarterly reports to the Chairperson, PIU / Steering committee regarding any specific aspects of the Project and in context of the audit and access information as required by PCSCCL or its nominated agency.

6. ACTION AND REVIEW

1. Any change or amendment to the systems and procedures of the System Integrator, or sub-contractors, where applicable arising from the audit report shall be agreed within thirty (30) calendar days from the submission of the said report.
2. Any discrepancies identified by any audit pursuant to this Schedule shall be immediately notified to PCSCCL or its nominated agency and the System Integrator Project Manager who shall determine what action should be taken in respect of such discrepancies in accordance with the terms of the MSA.

7. TERMS OF PAYMENT

PCSCCL shall bear the cost of any audits and inspections. The terms of payment are exclusive of any costs of the System Integrator and the sub-contractor, for all reasonable assistance and information provided under the MSA, the Project Implementation, Operation and Management SLA by the System Integrator pursuant to this Schedule.

8. RECORDS AND INFORMATION

For the purposes of audit in accordance with this Schedule, the System Integrator shall maintain true and accurate records in connection with the provision of the services and the System Integrator shall handover all the relevant records and documents upon the termination or expiry of the MSA.

**Queries for School Department
(शाळांना विचारले जाणारे प्रश्न)**

| Sr No | School Name: (शाळेचे नाव) | 1 Classroom Per School Building (शाळेच्या इमारतीत प्रत्येकी वर्गखोल्या) (Including Office and Lab) | 2 Total floors in School Building (शाळेच्या इमारतीचे एकुण मजले) | 3 On which Floor Computer Lab be Located (कोणत्या मजल्यावर संगणक प्रयोगशाळा स्थित आहे) | 4 Do we have to identified physical room for computer Lap or It will be identified by PCMC (आपल्याला संगणक लॅबसाठी भौतिक वर्गखोलीची ओळख केली आहे किंवा PCMC ने केली आहे) | 5 Blackboards are fixed or Movable? (आपल्याकडे फळे (BLACKBOARD S) स्थिर आहेत कि फिरते?) | 6 Classrooms with Lock and Key? (वर्गखोल्या कुलूपबंद आहेत का ?) | 7 Location of Electricity connection and metering (वीजजोडणी व मीटरचे स्थान) | 8 Date and time of Power cuts in school (शाळेतील वीजकपातीच्या तारखा आणि वेळ) | 9 Size of the room (वर्गखोल्यांचा आकार) | | 10 Number of Walls for painting and vinyl flooring approx square foot of area to be covered by BALA (BALA द्वारे संरक्षित केले गेलेल्या चित्रकला भिंतीची संख्या आणि अंदाजे चौरस फुट VINYL FLOORING क्षेत्र) |
|-------|--|--|---|--|---|--|---|---|--|---|---|---|
| | | | | | | | | | | 2 BALA concept per Classroom (2 BALA वर्गखोल्यांसाठी संकल्पना) | 10 BALA concept in common area (10 BALA सामान्य क्षेत्रातील संकल्पना) | |
| 1 | Swami Vivekanand Prathmik Vidyamandir, Kalbhornagar | 11 | G+2 | 1 | Yes | Fixed | No | Yes, Near staircase | Thursday | 22x18 Classwise subject matter | General Science and Space | - |
| 2 | Hutatma Bhagatsingh Vidyamandir, Dapodi | 18 | G+2 | 2 | No | Fixed | Yes | Yes | - | 20x20 Square | | - |
| 3 | PCMC Ravet no. 97 | 12 | G+2 | 2 | No | Fixed | Yes | Yes, Ground Floor | - | 20x22 Square | Rectangle | - |
| 4 | SavitriBai Phule , Girls and Boys School Landewadi | 28 | G+3 | Ground | Bajaj Provided | Fixed | No | Yes, Ground Floor | Thursday 11 to 5.30 | 16x14 Square | Rectangle | No |
| 5 | Nigadi Girls and Boys No 2/12 | 17 | G+2 | 1 | Yes | Fixed | Yes | Yes | Thursday | 15x18 Square | Rectangle | - |
| 6 | PCMC Primary School, Moshi | 28 | G+3 | 1 | Bajaj Provided | Fixed | Yes | Yes | Thursday | 16x14 Square | Rectangle | - |
| 7 | PCMC Primary School, Dharkarwadi No 109 Bandu Nade | 2 | G+1 | No | No | Fixed | Yes | No | Thrusday | 16x14 Square | Rectangle | - |
| 8 | Primary School Kalewadi Boys No 56/2 | 9 | G+2 | 2 | Bajaj Provided | Fixed | No | Near Main Gate | - | 15x18 | - | - |
| 9 | Bhumkarwasti Girls and Boys No 104 | 9 | G+1 | 1 | Bajaj Provided | Fixed | No | Yes, Ground Floor | - | 15x18 | - | - |
| 10 | PCMC Dighi Boys No 117 | 13 | G+2 | 1 | Yes | Fixed | Yes | - | Thursday | 15x15 | - | - |
| 11 | Kamla Nehru Prathmik School No 4/2 | 8 | G+2 | 1 | No | Fixed | No | - | Thursday | 20x24 | - | - |
| 12 | PCMC Dighi girls Primary School | 11 | G+2 | 1 | | | | | | | | |
| 13 | Valhekarwadi Girls School No 18/2 | 7 | 1 | 1 | Yes | Fixed | - | Yes | Thursday | 20x20 | - | - |
| 14 | Nehrunagar Boys No 1 | 8 | G+2 | 1 | Yes | Fixed | Yes | Yes | Thursday | 20x20 | - | - |

Need
more
classrooms

| Sr No | School Name: (शाळेचे नाव) | Classroom Per School Building (शाळेच्या इमारतीत प्रत्येकी वर्गखोल्या) (Including Office and Lab) | Total floors in School Building (शाळेच्या इमारतीचे एकुण मजले) | On which Floor Computer Lab be Located (कोणत्या मजल्यावर संगणक प्रयोगशाळा स्थित आहे) | Do we have to identified physical room for computer Lap or It will be identified by PCMC (आपल्याला संगणक लॅबसाठी भौतिक वर्गखोलीची ओळख केली आहे किंवा PCMC ने केली आहे) | Blackboards are fixed or Movable? (आपल्याकडे फळे (BLACKBOARD S) स्थिर आहेत कि फिरते?) | Classrooms with Lock and Key? (वर्गखोल्या कुलूपबंद आहेत का ?) | Location of Electricity connection and metering (वीजजोडणी व मीटरचे स्थान) | Date and time of Power cuts in school (शाळेतील वीजकपातीच्या तारखा आणि वेळ) | Size of the room (वर्गखोल्यांचा आकार) | | Number of Walls for painting and vinyl flooring approx square foot of area to be covered by BALA (BALA द्वारे संरक्षित केले गेलेल्या चित्रकला भिंतीची संख्या आणि अंदाजे चौरस फुट VINYL FLOORING क्षेत्र) |
|-------|---|---|--|---|--|---|---|--|---|---|---|---|
| | | | | | | | | | | 2 BALA concept per Classroom (2 BALA वर्गखोल्यांसाठी संकल्पना) | 10 BALA concept in common area (10 BALA सामान्य क्षेत्रातील संकल्पना) | |
| 15 | Smt. Lilabai Khisara Primary school Mohan Nagar Boys | 16 | G+1 | 1 | No | Fixed | Yes | Yes | Thrusday 11 to 6 | 12x12 Painting and Drawing | - | - |
| 16 | Nagu Barne boys school No 60/2 | 14 | G+2 | 1 | Congizent Provided | Fixed | No | - | - | 15x20 | - | - |
| 17 | PCMC Mhetrewadi No 92 | 12 | G+2 | 1 | PCMC | Fixed | Yes | Yes | - | 10x15 | - | - |
| 18 | Annasaheb Magar PCMC Borhadewadi Girls PCMC | 14 | 1 | 1 | PCMC | Fixed | No | - | Thursday | 12x15 | - | - |
| 19 | Vadmukhwadi Primary school | 4 | G+2 | No | No | Fixed | No | 1st Floor | Thursday | 30x30 | - | - |
| 20 | Smt. Shevantabai Khanduji Jagtap Pri School Vaiduvasti No 58 | 8 | G+1 | No | No | Fixed | No | Yes, Ground Floor | Thursday | 30x30 Smart Board | - | - |
| 21 | PCMC pri School, Pimple Gurav No 54 | 36 | G+2 | 1 | Bajaj Provided | Fixed | No | Yes, Ground Floor | - | E learning , smartboard | Drawing board | - |
| 22 | Building No-1 Navnath dagdu Sasde Bhatnagar | 4 | G+2 | Ground | - | Fixed | No | - | Thursday | 20x20 E learning , smartboard | Drawing board | - |
| 23 | Building No-2 Navnath dagdu Sasde Bhatnagar | 4 | | Ground | - | Fixed | No | - | Thursday | 20x20 E learning , smartboard | Drawing board | - |
| 24 | Primary Kaspate Wasti No 59 | 8 | G+2 | 2 | People Initiative | Fixed | No | Yes, Ground Floor | - | 20x20 E learning , smartboard | Educational Drawing board | - |
| 25 | PCMC Pri School, Rahtani Boys No 55 | 13 | G+1 | No | No | Fixed | No | Yes, Ground Floor | - | 22x20 | | Approx 2000 sq ft |
| 26 | Building -1 Sai Jeevan Pri school jadhavwadi Girls | 7 | G+1 | 1 | Yes | Fixed | - | Yes | Thursday | 20x20 E learning , smartboard | Educational Drawing board | |
| 27 | Building -2 Sai Jeevan Pri school jadhavwadi Girls | 8 | G | - | Yes | Fixed | - | Yes | Thursday | 20x15 E learing smart board | Educational Drawing board | |
| 28 | Kisanrao Bhalekar Pri School Talegaon No 98 | 12 | G+2 | Yes | No | Fixed | Yes | Yes, Ground Floor | - | 20x20 | | Approx 2000 sq ft |
| 29 | Bhosari Girl No 1 | 11 | G+2 | 1 | Self Identified | Fixed | Yes | Yes, Near parking | - | 15x12 | - | - |
| 30 | PCMC Bhosari Boys No 3 | 14 | G+2 | No | No | Fixed | No | - | - | 17X23 Square | - | - |
| 31 | Pri School, Chowisawadi No 20 | 6 | 1 | No | No | Fixed | Yes | Yes | Once in a Month | 22x22 | - | |
| 32 | PCMC Pri School Dadulgaon No 108 | 5 | 1 | - | - | Fixed | Yes | In Office | - | 20x20 | - | - |
| 33 | Pri School, Wakad boys 56/1 | 9 | G+1 | No | No | Fixed | No | Near Main Gate | - | 20x20 | - | - |

| Sr No | School Name: (शाळेचे नाव) | Classroom Per School Buiding (शाळेच्या इमारतीत प्रत्येकी वर्गखोल्या) (Including Office and Lab) | Total floors in School Building (शाळेच्या इमारतीचे एकुण मजले) | On which Floor Computer Lab be Located (कोणत्या मजल्यावर संगणक प्रयोगशाळा स्थित आहे) | Do we have to identified physical room for computer Lap or It will be identified by PCMC (आपल्याला संगणक लॅबसाठी भौतिक वर्गखोलीची ओळख केली आहे किंवा PCMC ने केली आहे) | Blackboards are fixed or Movable? (आपल्याकडे फळे (BLACKBOARD S) स्थिर आहेत कि फिरते?) | Classrooms with Lock and Key? (वर्गखोल्या कुलूपबंद आहेत का ?) | Location of Electricity connection and metering (वीजजोडणी व मीटरचे स्थान) | Date and time of Power cuts in school (शाळेतील वीजकपातीच्या तारखा आणि वेळ) | Size of the room (वर्गखोल्यांचा आकार) | | Number of Walls for painting and vinyl flooring approx square foot of area to be covered by BALA (BALA द्वारे संरक्षित केले गेलेल्या चित्रकला भिंतींची संख्या आणि अंदाजे चौरस फुट VINYL FLOORING क्षेत्र) |
|-------|--|---|---|--|--|---|---|---|--|--|---|--|
| | | | | | | | | | | 2 BALA concept per Classroom (2 BALA वर्गखोल्यांसाठी संकल्पना) | 10 BALA concept in common area (10 BALA सामान्य क्षेत्रातील संकल्पना) | |
| 34 | Bhaurao Patil Boys and girl No 31/2 | 12 | G+2 | 1 | Yes | Fixed | No | Yes | - | 30x30 | - | - |
| 35 | kalewadi Girls No 56/2 | 11 | G+2 | 1 | Bajaj Provided | Fixed | No | Near Main Gate | - | 15x18 | - | - |
| 36 | Nagu Barne Girl school No 60/2 | 14 | G+1 | 1 | No | Fixed | No | - | - | 15X15 | - | - |
| 37 | New-Sai Jivan pri Vidyamandir Jadhavwadi Boys No 87 | 8 | G+1 | 1 | Yes | Fixed | No | Yes, Ground Floor | - | 20x15 Rectangle | - | - |
| 38 | Old-Sai Jivan pri Vidyamandir Jadhavwadi Boys No 87 PCMC | 10 | G+1 | - | - | Fixed | No | - | - | 20x15 Rectangle | - | - |
| 39 | SonavaneWasti No 93 | 6 | G+1 | 1 | - | Fixed | No | Yes, Near parking | Thursday | 20x21 | - | - |
| 40 | Nehrunagar Girls No 2 | 11 | G+2 | 2 | - | Fixed | No | - | - | 10x20 | Should be big with ventilation | 2 color wall |
| 41 | Bhosari Girl No 2 | 10 | G+1 | 1 | Self Identified | Fixed | Yes | Yes, Ground Floor | - | 10x20 Square | - | - |
| 42 | Phugewadi Girls and Boys PCMC | 9 | G+2 | - | - | Fixed | Yes | passage | Thursday | 20x20 | - | - |
| 43 | PCMC Kalewadi Girl 56/1 | 12 | G+2 | 2 | Bajaj Provided | Fixed | Yes | Yes, Ground Floor | - | 10x20 Square | Square | - |
| 44 | Hutatma Chaphekar Urdu school | 7 | G+1 | No | No | Fixed | Yes | Yes | No fixed time | 10x15 | - | - |
| 45 | Punavale Boys no 103 | 17 | G+2 | - | Yes | Fixed | Yes | Yes, Near Staircase | - | 8x15 Square | - | - |
| 46 | Keshavnagar Pri Schoo Chinchwad | 10 | G+2 | No | No | Fixed | No | Opposite Principal office | Thursday | 20x22 Square | - | - |
| 47 | Punavale Girls no 103 | 17 | G+2 | Yes | Yes | Fixed | Yes | yes, Near Staircase | - | 8x15 Square | Square | - |
| 48 | Yashwant Rao Chavan pri 60/1 boys Thergaon Mulshi | 23 | G+2 | 2 | No | Fixed | Yes | - | - | 15x15 Square | - | - |
| 49 | PCMC Urdu School Kalewadi | 6 | G+2 | 2 | No | Fixed | Yes | Yes, first floor | Thursday | 10x13 | - | - |
| 50 | Yashwant Rao Chavan pri 60/1 girls Thergaon Mulshi | 23 | G+2 | 2 | No | Fixed | Yes | - | - | 15x15 Square | - | - |
| 51 | sanghavi Pri School No 49 | 13 | G+1 | Ground | Yes | Fixed | No | Yes, Ground Floor | - | - | - | - |
| 52 | Pimple Nilakh Girls and Boys No 52 | 14 | G+2 | 1 | Yes | Fixed | No | Yes, Ground Floor | No | 10x12 | - | - |
| 53 | PCMC Pri Kharadwadi | 14 | G+2 | 1 | Yes | Fixed | Yes | - | - | 15x15 | - | - |

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|-------|--|---|--|---|---|---|---|--|---|---|--|--|
| | | | | | | | | | | 2 BALA concept per Classroom (2 BALA वर्गखोल्यांसाठी संकल्पना) | 10 BALA concept in common area (10 BALA सामान्य क्षेत्रातील संकल्पना) | |
| 54 | Fakirbhai Pansare Urdu Pri School Akurdi | 16 | G+2 | 2 | Yes | Fixed | Yes | Yes, Ground Floor | - | 15x15 E learning | Drawing boards and Painting | 9 walls for 3 classroom |
| 55 | Vasantdada patil Vidhyamandir Akurdi | 27 | G+2 | 1 | Yes | Fixed | Yes | Yes, Near Staircase | Thursday | 10x12 Digital Board Creative walls | should be creative and Live | 1400 sqr ft |
| 56 | Valhekarwadi mule School No 18/1 | 8 | G+1 | | No | Fixed | Yes | Yes | - | 10x12 Elearning ,creative wall painting | Ground, stage, toys for kids | - |
| 57 | Hutatma Chaphekar Vidyamandir Girls and Boys Chinchwadgaon | 15 | G+1 | 1 | No | Fixed | Yes | Yes, Near Staircase | - | 20x20 | | |
| 58 | Madhymik Vidyalaya Pimple Saudagar | 24 | G+2 | 2 | Yes | Fixed | No | Yes, Ground Floor | As per MSEB | 20x20 Audio and Video Elearning | - | - |
| 59 | Sant Tukaram Pri School Boys and Girls Pimpri | 15 | G+4 | 4 | Yes | Fixed | No | Yes, Ground Floor | - | 20x22 Square Elearning | | |
| 60 | Yashwant nagar Nehrunagar Pri school Pimpri | 9 | G+2 | 2 | - | Fixed | No | Yes, Ground Floor | - | 20x22 Elearning , wall painting | | |
| 61 | Madhymik Vidyalaya Kalbholnagar | 18 | G+2 | Ground | PCMC | Fixed | No | Yes, Near Staircase | Thursday | 19x23 | - | - |
| 62 | PCMC Bopkhel Girls and Boys | 13 | G+2 | 1 | PCMC | Fixed | No | next building | - | 19x23 | - | - |
| 63 | Kalewadi Boys No 56/1 | 12 | G+2 | 2 | Yes | Fixed | No | Yes, Ground Floor | - | 19x23 | - | - |
| 64 | Nigadi Girls and Boys No 2/1 | 23 | G+2 | 2 | Yes | Fixed | Not All | Yes, Near office | Thursday | - | - | - |
| 65 | Kasarwadi Pri School Girls and Boys | 15 | 1 | 1 | No | Fixed | No | Yes, Ground Floor | Thursday | - | - | - |
| 66 | PCMC Kridaprabhodini, Udyamnagar | 9 | G+2 | Ground | No | Fixed | Yes | Yes, Ground Floor | Thrusday 11 to 5 | - | - | - |
| 67 | Vidyaniketan Nigdi Boys Girls | 8 | G+1 | 1 | Yes | Fixed | Yes | Yes, Ground Floor | Thursday | Digital Classroom, Wall painting | should be creative and Live | |
| 68 | Mohannagar Girl School | 16 | G+1 | 1 | Yes | Fixed | No | Yes, Near Staircase | - | Classroom should be big and ventilated , FAN,LCD with Light | | |
| 69 | Newale vasti No 88 PCMC | 4 | - | - | No | Fixed | Yes | Yes | Thursday | 4 classrooms are on rent. | | |

| Sr No | School Name: (शाळेचे नाव) | Classroom Per School Buiding (शाळेच्या इमारतीत प्रत्येकी वर्गखोल्या) (Including Office and Lab) | Total floors in School Building (शाळेच्या इमारतीचे एकुण मजले) | On which Floor Computer Lab be Located (कोणत्या मजल्यावर संगणक प्रयोगशाळा स्थित आहे) | Do we have to identified physical room for computer Lap or It will be identified by PCMC (आपल्याला संगणक लॅबसाठी भौतिक वर्गखोलीची ओळख केली आहे किंवा PCMC ने केली आहे) | Blackboards are fixed or Movable? (आपल्याकडे फळे (BLACKBOARD S) स्थिर आहेत कि फिरते?) | Classrooms with Lock and Key? (वर्गखोल्या कुलूपबंद आहेत का ?) | Location of Electricity connection and metering (वीजजोडणी व मीटरचे स्थान) | Date and time of Power cuts in school (शाळेतील वीजकपातीच्या तारखा आणि वेळ) | Size of the room (वर्गखोल्यांचा आकार) | | Number of Walls for painting and vinyl flooring approx square foot of area to be covered by BALA (BALA द्वारे संरक्षित केले गेलेल्या चित्रकला भिंतींची संख्या आणि अंदाजे चौरस फुट VINYL FLOORING क्षेत्र) |
|-------|---|---|--|---|---|--|---|--|---|---|--|---|
| | | | | | | | | | | 2 BALA concept per Classroom (2 BALA वर्गखोल्यांसाठी संकल्पना) | 10 BALA concept in common area (10 BALA सामान्य क्षेत्रातील संकल्पना) | |
| 70 | PCMC Madhyamikk School Keshavnagar Chichwadgaon | 10 | G+2 | 2 | Yes | Fixed | Yes | Yes, Ground Floor | - | 20x22 | - | - |
| 71 | PCMC school Kivade no 96 | 10 | G+1 | 1 | - | Fixed | No | Yes, Near staircase | Thursday | - | - | - |
| 72 | PCMC Primary School Boys, Moshi | 28 | G+3 | 1 | Bajaj Provided | Fixed | Yes | Yes | Thursday | 16x14 Square | Rectangle | - |
| 73 | PCMC Kudalwadi No 89 | 5 | G | No | No | Fixed | Yes | passage | - | 20x15 | | Work in progress for NEW SCHOOL |

Note:1) '-' means Information is not available.

2) * The information available has been given in the table above. For any further informaiton, or information that appears conflicting, or any misisng informaiton, the interested bidder may reach out to the schol department directly.

PCMC Primary School - Available information

| S No | School Name | Address | Year of Establishment | Name of HoD | Contact No (Mobile) | Email ID | Lowest Class in School | Highest Class in school | Total Student Strength | | | | Resource Availability | | | | | | | | | | | | | | | | | Teaching/Assessment Methodologies being followed for Various Subjects 1. Group discussions 2. Project work 3. Use of Labs (Physics/Chemistry/Biology/Math/English) | Technology Training Details (For Teachers) |
|------|---|---|-----------------------|-------------------------------|---------------------|--|------------------------|-------------------------|------------------------|-------|---|----|-----------------------|---------|--------------------------|------------------------|---------------------|----------------------|-------------------|---------------------|----------------------|-----|------------------|--|------------------|---------------|--------------------|--|--|---|--|
| | | | | | | | | | Boys | Girls | M | F | MM Computers | Tablets | Projector | Printer | Scanner | Tape recorder | VCR/DVD Player | TV | OHP | UPS | OS, Applications | No. of AV Rooms and equipment used in it | LAN/WIFI | ISP and Speed | MM Content Details | Insurance | Power Supply | | |
| 1 | PCMC Primary School Kalewadi, Boys 56/1 | Kalewadi Boys school 56/1 Pavananagar, | 2018-2019 | Mrs. Surekha Krishna | 7350930581 | NA | 1st | 7th | 248 | - | 1 | 8 | 2 available, daily | NA | NA | 1 Available | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | Available, Daily | | 1,2 and 5 | No Information |
| 2 | Pimpri Chinchwad Municipal Corporation Primary School Kalewadi Boys 56/2 | Near Dnyaneshwari Mangal Karyalaya, Kalewadi gaathan. Kalewadi, pimpri Pune-17 | 2001 | Mr. Mohare Laxman Limbaji | 9921950118 | laxmanmohare111@gmail.com | 1st | 7th | 309 | - | 1 | 9 | 2 available, daily | NA | NA | 1 Available, Daily | NA | 1 Available | NA | Available, daily | NA | NA | NA | NA | NA | NA | NA | Available, Daily | | 1,2,3,4,5 and 8 (E-Learning) | No Information |
| 3 | Kalewadi girls school 56/2 | Kalewadi girls school 56/2, kalewadi gavthan, near dnyaneshwari mangal karvalava. | 1963 | Mrs.Kamke prabhavti vasant | - | pcmckalewadigi_rjsschool56.02@gmail.com | 1st | 7th | - | - | 2 | 7 | 2 available, daily | NA | NA | Available | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | Available, Daily | | 2 | No Information | |
| 4 | Kalewadi girls school 56/1 | Pawanagar Near jotiba garden Kalewadi pune- 411017 | 1988 | Mrs Shaikh Jebunisa Ajid | 9922837290 | kalewadihmgirlschool56.1@gmail.com | 1st | 7th | - | 279 | 2 | 7 | NA | NA | NA | 1 available | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | Available,daily | | 1 and 5 | No Information | |
| 5 | Shree Chatrapati Rajashri Shahu maharaj Kasarwadi boys and girls school | Near Kalewadi post office kasarwadi pune - 34 | 1963 | Mrs. Kolambe Geeta Pitambar | 9975179159 | geetakolambe@gmail.com | 1st | 7th | 155 | 144 | 1 | 7 | 2 available, daily | NA | NA | 1 available, daily | 1 available, Rarely | NA | NA | NA | NA | NA | NA | NA | NA | NA | - | | 1,2,4,5,7 and 9 | Gidde Santosh Waje Shubhangi | |
| 6 | Lokmanya Tilak Prathmik Vidhyalaya PCMC school phulewadi girls and Boys | A/P- Phulewadi Tal- Haveli Dist- Pune Pin No | 1979 | Momin Naseem Abdulmajid | 9545309477 | naseem.mosin28@gmail.com | 1st | 7th | 87 | 105 | 0 | 7 | Available, Weekly | NA | Kyan | available, weekly | Available, rarely | NA | Available | NA | NA | NA | NA | NA | Available, daily | NA | Available | Amplifier and sound system (speaker in each classroom) | 1,2,3,4 and 5 | Technosavy training (use of smartphone in education term) | |
| 7 | PCMC Bopkhel Boys and Girls school | Bopkhel, Pune-31 | 1933 | Mrs Suvarna bhimrao ghuge | 9223479709 | bopkhelboysn0101@gmail.com | 1st | 8th | 177 | 277 | 1 | 14 | 2 available, daily | NA | Available (Kyan), weekly | 1 Available, Daily | - | NA | NA | NA | 1 available, weekly | NA | NA | NA | NA | NA | Available, daily | | 1,2,4,5,6,8,10 and 11 | Mrs.Ghughe Suvarna Bhimrao Mrs. Suryawanshi Mohini Rajesh Mrs. Ghatage Poomam Hemant | |
| 8 | PCMC School Dapodhi boys no 37 | Dapodi- Ambedkar chowk | 1972 | Smt Shitole Kalpana Tanajirao | 7588326697 | - | LKG | 7th | 352 | - | 2 | 9 | 2 available, daily | NA | NA | 1 Available, Daily | NA | NA | NA | Available, rarely | NA | NA | NA | NA | NA | NA | Available | | 1,2,3 and 4 | 100% Reading -Technology-Training complete 100% Teacher has been getting training of numerical knowledge. Teachers also complete disaster management training | |
| 9 | Hutatma bhagaising vidyalaya mandir school no 31 (Girls) Dapodi-12 | Near Ambedkar statue, dapodi pune -12 | - | Mrs Khanse sujata Ramdas | 8408002931 | pcmcdapodigirls31@gmail.com | 1st | 7th | - | 423 | 2 | 11 | 2 available, weekly | NA | NA | 1 available, as needed | NA | NA | NA | NA | NA | NA | Available, Daily | NA | NA | NA | MSEDCL | KYAN, Weekly each class | 1,2,3,5 and 9 | Most of the teachers have completed MS-CIT course. Teachers are technosavy and have attended the training organised by office in pratibha college, Akurdi Pune | |
| 10 | Purnyasholk Ahilya devi holkar Primary school, sangavi boys/girls no 49(PCMC) | near Gajanan Maharaj Mandir Old Sangavi-27 | 1930 | Pawar Surekha Ashok | 9021163775 | - | 1st | 7th | 120 | 161 | - | 9 | 10 Available, Daily | NA | NA | 1 available, Daily | NA | 2 Available, Monthly | NA | 1 available, rarely | 1 Available, monthly | NA | NA | NA | NA | NA | Available, daily | E-learning - 1 available, daily | 1,2,3,4 and 7 | No Information | |
| 11 | PCMC Pimple gurav No 54 | Pimple Gurav pune-61 | 1946 | Waghmare Sadhana Vishnu | 8605070502 | - | 1st | 7th | 514 | 602 | 9 | 24 | 4 available | NA | - | 2 available | NA | NA | NA | NA | NA | NA | NA | NA | NA | - | - | 1,2,5,7,8,9 and 10 | ICT Training by R.M.S.A Mr. Shinde N.K | | |
| 12 | Smt Shevatabai jagtap primary school no 58 vaiduwasti | Shrushti chowk, vaidu | 1973 | Mrs Lawate Madhuri Prabhat | 8975191500 | shevantaidd@gmail.com | 1st | 7th | 213 | 223 | 1 | 12 | 2 available, weekly | NA | Kyan 01, Daily | available, Daily | NA | NA | Available, weekly | NA | NA | NA | NA | NA | NA | NA | Available, Daily | | 1,2,4,5 and 8(Kyan) | Online work about school data | |

| S No | School Name | Address | Year of Establishment | Name of HoD | Contact No (Mobile) | Email ID | Lowest Class in School | Highest Class in school | Total Student Strength | | | | Resource Availability | | | | | | | | | | | | | | | | Teaching/Assessment Methodologies being followed for Various Subjects 1. Group discussions 2. Project work 3. Use of Labs (Physics/Chemistry/Biology/Math/English) | Technology Training Details (For Teachers) | | |
|------|---|--|-----------------------|-----------------------------|---------------------|--|------------------------|-------------------------|------------------------|-------|---|----|-----------------------|---------|--------------------|--------------------|--------------------|--------------------|---------------------|-------------------|--------------------|--------------------|------------------|--|----------|---------------|--------------------|------------------|--|--|---|---------------------------------|
| | | | | | | | | | Boys | Girls | M | F | MM Computers | Tablets | Projector | Printer | Scanner | Tape recorder | VCR/DVD Player | TV | OHP | UPS | OS, Applications | No. of AV Rooms and equipment used in it | LAN/WIFI | ISP and Speed | MM Content Details | Insurance | | | Power Supply | Any Other |
| 13 | PCMC School Pimple saudagar no 51 | Near water tank pune 27 | 1941 | Surekha M Joshi | 9922277352 | pcmcprschool51@gmail.com | 1st | 4th | 210 | 227 | 4 | 9 | 7 available, daily | NA | NA | 1 Available, Daily | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | Available, Daily | LCD with syllabus from Bajaj, Available, daily | 1,2,5,6 and 9 | Handling and operating computer |
| 14 | PCMC Boys school no 55 | Shivaji chowk, near PMPML Bus stop, Rahatni, Pune - 411017 | 1952 | - | 9604795231 | d11rahtniboys55@gmail.com | 1st | 7th | 534 | - | 5 | 12 | 2 available, weekly | NA | Kyan, weekly | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | Daily | | No Information | Handling and operating computer Creating Email a/c Handling and operating OHP All important knowledge about conducting E classroom | |
| 15 | PCMC Education dept Rahatni girls school no 55 | Shivaji chowk, rahatni tal. Haveli, dist- pune 411017 | 1954 | Rehana Peermohamad Attar | 9823827963 | d12rahatanigirls55@gmail.com | 1st | 7th | - | 564 | 8 | 10 | 2 available, daily | NA | NA | Available, Daily | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | Available, daily | | 1,2,5 and 10 | MSCIT : 14 teachers attended | |
| 16 | PCMC School Ravet no 97 | BRT Road Ravet Pune 412101 | 1937 | Sahebrao Maruti Supe | 9423002494 | pcmcshoolrave197@yahoo.com | 1st | 7th | 173 | 184 | 2 | 8 | Available, NA | NA | NA | 1 available, NA | 1 available, NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | Available, daily | | 1,2,3,4 and 5 | Basic computer course | |
| 17 | PCMC Kiwale no 96 | Kiwale Tal Haveli Dist Pune - 412101 | 1914 | Mrs Aswar Sunanda Vasant | - | pcmcshoolkiwale96@gmail.com | 1st | 8th | 151 | 142 | 4 | 5 | 2 available | NA | Kyan 01, Daily | 1 Available, Daily | 1 available, daily | NA | NA | NA | NA | Available, daily | NA | NA | NA | NA | NA | NA | NA | 1,2,4,5,6 and 9 | No Information | |
| 18 | PCMC school no 95 vikasnagar | Vikas nagar(Kiwale) post -dehuroad dist pune | 1967 | Sunanda Satish Khedkar | 9623296691 | - | 1st | 7th | 135 | 180 | - | 9 | Available, daily | NA | Available, weekly | Available, daily | Available, rarely | Available, daily | NA | Available, daily | NA | NA | NA | Available, daily | NA | NA | Available, daily | | 1,2,3,4,5,6 and 7 | Sayyad Jabin Ismail Bhegade sarswati sangram Pande Sunita Jayant Asawale Jayeshri Dattatray Khurange Vidya Satish | | |
| 19 | PCMC Punwale Boys No 103 | At/Post Punwale Tal. Mulshi Dist Pune-411033 | 1882 | Mrs Bhujabal Manda Shankar | 9604559974 | 31dpunawaleboys@gmail.com | 1st | 7th | 354 | - | 2 | 9 | Available, Daily | NA | NA | available, Daily | Available, | NA | NA | Available, weekly | Available, Weekly | Available, daily | NA | NA | NA | NA | NA | Available, Daily | E-learning class and computer lab, weekly | 1 | MSCIT training completed by all staff teachers Technosavy training conducted by PCMC organisation completed by five teachers | |
| 20 | Punwale Girls No 103 | Punawale | 1882 | Mrs Vijaya Sahebrao Bhondve | 9767922626 | d32punawalegirls@gmail.com | 1st | 7th | - | 346 | 2 | 9 | 9 Available, daily | NA | NA | 1 available, daily | 1 available, daily | 1 Available | NA | NA | NA | 7 available, daily | NA | NA | NA | NA | NA | Available, daily | E-learning class and computer lab, Daily | 1,2 and 4 | MSCIT completed by all the teachers Technosavy training conducted by PCMC | |
| 21 | PCMC school Malwadi no 105 | Punawale, Malwadi jambe road savtamali temple | 1961 | Vinod Rambhau Bangar | 9850150946 | pcmcshoolmalwadino.105@gmail.com | 1st | 4th | 50 | 50 | 3 | - | 7 available, daily | NA | 2 available, daily | 1 available, daily | 1 available, daily | NA | 1 available, rarely | 1 available, | 5 available, daily | NA | NA | NA | NA | NA | Available, Daily | | | | | |
| 22 | PCMC School Walhekarwadi Boys 18/1 | Shivaji chowk, Walhekarwadi, chinchwad ,Pune-33 | 1949 | Rohini Suhash joshi | 9921864815 | rohini204@gmail.com | 1st | 7th | 460 | - | 1 | 14 | Available, daily | NA | Available, Daily | available, Daily | NA | Available, daily | NA | NA | NA | NA | NA | Available, daily | NA | NA | Available, Daily | KYAN, Avilable | 1,2,3,4,5,6 and 7 | Technosavy teachers state level computer training conducted by DEIT. Mrs. Joshi Rohini Suhash Mrs. Tapkir Jyoti Sanjay | | |
| 23 | Walhekarwadi Girls school 18/2 | Walhekarwadi, chinchwad pune 33 | 2003 | Mrs. Hira Bhaskar Kute | 9890158649 | hirakute1@gmail.com | 1st | 7th | - | 458 | 1 | 14 | 2 available, daily | NA | 3 Available, daily | 1 Available, Daily | 1 available, daily | 1 Available | NA | NA | NA | NA | NA | NA | NA | NA | Available, Daily | | 1,2,3,4,5,6 and 7 | Technosavy teachers state level computer training conducted by DEIT. Mrs. Jadhav Jayashree kundlik Bhadre Manisha suryban kaliya victoriya chiman | | |
| 24 | Hutatma Chapekar vidyamandir chinchwadgaon boys and girls | Chapekar chowk, At-Po.chinchwadgaon Haveli Pune-411033 | 2018-19 | Patil Madakini Prakash | 9922841908 | huchapekarvcb@gmail.com | 1st | 7th | 172 | 210 | 2 | 9 | 6 available, daily | NA | 2 available, daily | 1 Available, Daily | NA | 2 available, daily | NA | NA | NA | NA | NA | NA | NA | NA | Available, Daily | | 1,2,3,4,6,7,8,9 and 10 | MSCIT and Technosavy Teacher training completed by: Mr Arvikar Promod Mr Parbat Tushar | | |
| 25 | YashwantRao Chavhan girls school 60/1 thergaon | Thergaon Gaothan, Mulshi Pune- 411033 | 1987 | Mrs Bhosale Surekha Anand | 9423065264 | - | 1st | 7th | - | 732 | 3 | 12 | 2 available, daily | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | Available, Daily | | 1,2 and 5 | No Information | | |

| S No | School Name | Address | Year of Establishment | Name of HoD | Contact No (Mobile) | Email ID | Lowest Class in School | Highest Class in school | Total Student Strength | | | | Resource Availability | | | | | | | | | | | | | | | | | | | | Teaching/Assessment Methodologies being followed for Various Subjects 1. Group discussions 2. Project work 3. Use of Labs (Physics/Chemistry/Biology/Math/English) | Technology Training Details (For Teachers) |
|------|---|--|-----------------------|----------------------------------|---------------------|--|------------------------|-------------------------|------------------------|-------|---|----|-----------------------|-------------------|-----------------------|--------------------|---------------------|--------------------|----------------|---------------------|-----|-----------|------------------|--|----------|---------------|--------------------|------------------|---|--|--|---|---|--|
| | | | | | | | | | Boys | Girls | M | F | MM Computers | Tablets | Projector | Printer | Scanner | Tape recorder | VCR/DVD Player | TV | OHP | UPS | OS, Applications | No. of AV Rooms and equipment used in it | LAN/WIFI | ISP and Speed | MM Content Details | Insurance | Power Supply | Any Other | | | | |
| 26 | Nagubhau Barne Boys School 60/2 | Santosh Nagar Thergoan Pune 33 | 1991 | Smt Khaire Rekha Bhivaji | 9762054455 | nagubhaubarneboys@gmail.com | 1st | 7th | 304 | - | 1 | 9 | 20 | Available, Weekly | NA | NA | 1 Available, Daily | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | Available, Daily | 1,2,4,5,7,10 and 11 | Mrs. Neelima Vasudeo Khot Mrs. Babita Babasaheb Auti | | |
| 27 | Nagubhau Barne Girls school 60/2 | Santosh Nagar Thergoan Pune 33 | 1996 | Mr. Shevale Dattatray Manohar | 8605606739 | shevaledattatray23@gmail.com | 1st | 7th | - | 247 | 1 | 6 | NA | NA | NA | available, Daily | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1,2 and 5 | Information Technology Training- PCMC | | | |
| 28 | Khinvasara Patil School boys | Mangal Nagar Thergoan Dangechowk | 1998 | Dahiphale shobha shantilal | 9922943747 | d15mule1111@gmail.com | 1st | 7th | 255 | - | 7 | 1 | 4 available, weekly | NA | NA | available, Daily | Available, daily | NA | NA | 1 Available, weekly | NA | NA | NA | NA | NA | NA | NA | NA | Available, Daily | 1,2,3,4 and 5 | Tontra snehi Prashikshan | | | |
| 29 | PCMC Primary School - Wakad boys 57/1 | Near Wakad chowk AP Wakad Tal Mulshi Dist - Pune | 1985 | Mrs. Shobha Nanasahb Suryawanshi | 8805353785 | - | 1st | 7th | 323 | - | 3 | 7 | 2 available, daily | NA | NA | 1 available, | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | Available, Daily | 1,4 and 5 | | | | |
| 30 | PCMC Wakad girls school 57/2 | At post Wakad Tal Mulshi pune-411057 | 1994 | Mrs. Hira Vilas Abhane | 9665334357 | d19wakadgirls@gmail.com | 1st | 7th | - | 301 | 2 | 8 | 2 available, daily | NA | NA | NA | 1 available, daily | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | Available, daily | 1,4 and 5 | | | | |
| 31 | PCMC Kaspate wadi school No 59 | Kaspatewadi wakad | 1950 | Mrs Shobha Nirutti Jadhav | 9420697240 | d17kaspatewadi59@gmail.com | 1st | 7th | 193 | 124 | 3 | 9 | Available, Weekly | NA | E-Leaning Kyan, Daily | Available, Rarely | Available, Rarely | NA | NA | NA | NA | NA | Available | Available, Daily | 2 MBPS | NA | NA | Available, Daily | 1,2,3,4,6 and 7 | | | | | |
| 32 | PCMC School Bhumkarwasti boys No 104 | Bhumkarwasti, Near bhumkar chowk, Wakad Pune- 411057 | 2004 | Mrs. Bende Shibhana Arun | 8888725689 | bhumkarwastiboyeno104@gmail.com | 1st | 7th | 471 | - | 6 | 8 | 2 available, daily | NA | NA | available, Daily | Available, Monthly | Available | NA | NA | NA | NA | NA | NA | NA | NA | NA | Available, Daily | 1,5 and 7 | Tantra Snehi- Raskar rajashri(2016-2017) | | | | |
| 33 | PCMC School Bhumkarwasti girls No 104 | Bhumkarwasti, Near bhumkar chowk, Wakad Pune- 411057 | - | Shri. Gavhane Baban Sahadu | 9881343631 | bhumkarwastigirlsno104@gmail.com | 1st | 7th | - | 505 | 4 | 10 | 2 available, daily | NA | NA | Available, daily | Available, Monthly | Available, Monthly | NA | NA | NA | NA | NA | NA | NA | NA | NA | Available, daily | 1,5 and 7 | No Information | | | | |
| 34 | Pimple Nilakh Boys and Girls school no 52 | Pimple Nilakh Aundh Post pune 411027 | 1935 | Mrs. Adhav Ratnamala ghaneshya m | 9890527286 | d8pimpenilakhboys52@gmail.com | 1st | 7th | 280 | 311 | 4 | 12 | 12 Available, daily | NA | NA | 1 Available, Daily | 1 available, Rarely | NA | NA | 2 available, Daily | NA | NA | NA | NA | NA | NA | NA | Available, Daily | 8 (E-Learning) | 7 teacher attended technology training (Technosavy training by PCMC) | | | | |
| 35 | Lokshahir Annabhau sathe Primary school, Sant Tukaram nagar Pune 411018 | Sant tukaram nagar, near YCMH, Pimpri Pune - 411018 | 1967 | Sau. Kate Anita Uddhav | 9881820124 | annabhausathepschool@gmail.com | 1st | 7th | 173 | 180 | 2 | 7 | 10 Available, Daily | NA | NA | 1 Available, Daily | 1 available, daily | NA | NA | 1 available, daily | NA | NA | NA | NA | NA | NA | NA | Available, daily | 1,2,5,7 and 10 | Shri Phunde A.S attended technology training organised by PCMC & IL&FS | | | | |
| 36 | Mahamanav Dr Babasaheb Ambedkar Prathmik shala Yashwant Nagar | Telco road, yashwant nagar pimpri, Pune 18 | 2001 | Sau. Shitode Nanda Suresh | 8793505748 | yashwantnagarpril2@gmail.com | 1st | 7th | 102 | 124 | 1 | 8 | 7 available, daily | NA | NA | available, Daily | NA | NA | NA | NA | NA | Available | Available, daily | NA | NA | NA | NA | Available, daily | 1,2,4,5,7,10 and 11 | MSCIT course completed by 6. | | | | |
| 37 | Kharawadi PCMC school (Primary) | Near kharalaai temple kharawadi, Pimpri Pune-18 | 1979 | Mr. Abdule Deepak Eknath | 8380980938 | abduledeepak@gmail.com | 1st | 7th | 157 | 207 | 4 | 9 | NA | NA | NA | available, Daily | NA | Available, daily | NA | Available, daily | NA | NA | NA | NA | NA | NA | NA | Available, daily | Computer & LED: Available, Daily | 1,2,3,4,5,6,7,9,10,11,12,13(Teaching syllabus on LED and computer) | MSCIT-II Teachers, Completed One Technosavy teacher available. | | | |
| 38 | Swami Vivekanand Primary vidyamandir | kalbhornagar, chinchwad, Pune | 1979 | Mrs. Alka Balwant Patil | 8087559480 | a09swamivivekanandkalbhornagar@gmail.com | 1st | 7th | 67 | 68 | 1 | 4 | 2 available, daily | NA | NA | 1 available, daily | 1 available, daily | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | Available, Daily | 1,2 and 5 | No Information | | | | |
| 39 | Late Vasantdada Patil PCMC school, Akurdi | Akurdi, khandoba madir chowk bombay-pune highway near Akurdi | - | - | 9881565822 | - | 1st | 7th | 65 | 60 | - | 5 | 5 available | NA | NA | Available | NA | 1 available | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | | | | | |
| 40 | Mahatma Jyotiba phule vidyamandir chinchwad station boys and girls | Opposite MIDC office chinchwad station -411019 | 1975 | Borhade Sarita pandurang | 8983691605 | a11chichwadstationboys2@gmail.com | 1st | 7th | 362 | 463 | 5 | 15 | 6 available, daily | NA | NA | 3 Available, daily | Available, daily | NA | NA | NA | NA | NA | NA | NA | Na | NA | Available, Daily | 1,2,4,5 and 7 | | | | | | |
| 41 | Smt. Lilabai K Khinwarsara Pri school mohannagar boys | Mohannagar, chinchwad station | 2017-2018 | Mrs. Vinaya ganesh Joshi | 9767202465 | a15mohannagarboys@gmail.com | LKG | 7th | 202 | - | 1 | 7 | 12 Available, Daily | NA | NA | 1 Available, Daily | NA | NA | NA | Available, Daily | NA | NA | NA | NA | NA | NA | NA | NA | 1,2,3(math, English),4,6,7 and 13 (reading project , environment project) | | | | | |

| S No | School Name | Address | Year of Establishment | Name of HoD | Contact No (Mobile) | Email ID | Lowest Class in School | Highest Class in school | Total Student Strength | | | | Resource Availability | | | | | | | | | | | | | | | | | | | | Teaching/Assessment Methodologies being followed for Various Subjects 1. Group discussions 2. Project work 3. Use of Labs (Physics/Chemistry/Biology/Math/English) | Technology Training Details (For Teachers) |
|------|--|--|-----------------------|--------------------------------------|----------------------------------|--|------------------------|-------------------------|------------------------|-------|----|----|-----------------------|---------|------------------|-------------------|--------------------|-------------------|------------------|-------------------|------------------|------------------|--------------------|--|----------|------------------|--------------------|---------------------------------|--|--|--|----|--|---|
| | | | | | | | | | Boys | Girls | M | F | MM Computers | Tablets | Projector | Printer | Scanner | Tape recorder | VCR/DVD Player | TV | OHP | UPS | OS, Applications | No. of AV Rooms and equipment used in it | LAN/WIFI | ISP and Speed | MM Content Details | Insurance | Power Supply | Any Other | | | | |
| 42 | Mohannagar girls school PCMC Pune- 411019 | Mohannagar, chichwad pune-411019 | 1982 | School board pcmc pimpri pune 411018 | 8007525716 | a14mohannagarirls@gmail.com | LKG | 7th | - | 276 | 1 | 11 | NA | NA | Available, Daily | NA | Available, NA | NA | NA | Na | K-Yan, weekly | NA | E-learning, weekly | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1,3,4,5,6,7,9,10 and 11 | MSCIT course completed by all teachers (except one). Teachers works on computer as and when they need |
| 43 | Kamla Nehru Primary School Boys and girls no 4/2 Pimpri Nagar | Pimprinagar, Near Jijamata hospital Pimpri pune-17 | 1975 | Unde Namdeo Rambhau | 8237602822 | undenamdeo01@gmail.com | 1st | 7th | 60 | 94 | 3 | 3 | 2 available, daily | NA | NA | 1 available | 1 available | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | - | 1,2,4 and 5 | | | | |
| 44 | P.K Bhaurao Patil Primary school Pimpri waghere boy, Girls No 31/2 | Pimpri Gaon near Ashok Chitra Mandir Pune-17 | 1982 | Mrs. Pande Sujata sudam (Incharge) | 9021357293 | schpcmb5@gmail.com | 1st | 7th | 83 | 76 | - | 5 | Available, daily | NA | NA | available, Daily | Available, daily | Available, weekly | NA | NA | Available, daily | NA | NA | NA | NA | NA | NA | NA | Available, Daily | 1,2,3,4,5,7,9,10,11 and 12 | MSCIT-Completed | | | |
| 45 | Pdt. Jawaharlal Nehru Pri School Boy's | Nehrunagar pimpri pune-18 | 1978 | Mr. Jadhav Dilip Dattatray | 9960074498 | - | 1st | 7th | 389 | - | 1 | 9 | available, daily | NA | Kyan 01 , Daily | available, Daily | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | Available, Daily | No Information | No Information | | | | |
| 46 | Pandit Jawaharlal Nehru Primary, Kanyashala, Nehru nagar | Near PHC center, Nehrunagar pimpri, pune-411018 | 1987 | Smt. Sarala Vijay Giri | 9604931083 | sarala77@gmail.com | 1st | 7th | - | 454 | 1 | 12 | NA | NA | Available, Daily | 2 available | NA | 2 available | NA | NA | 1 available | NA | NA | NA | NA | NA | NA | NA | NA | 1,2,4,,5 and 10 | Teacher downloads various Educational Applications on mobile and learn and explain the specification of lesson's . Teachers shows related textbox, lessons on mobile through internet. | | | |
| 47 | Vidyaniketan Girls and Boys No 1 Nigdi | Sector 24 Near Aelin methadist church pradhikaran nigdi-44 | 1982 | Smt. Manik Chadrakant Kirve | 9673998964 | a2nigdiboysgirls1@gmail.com | 1st | 7th | 92 | 123 | 2 | 6 | Available, daily | NA | Available, Daily | available, Daily | Available, Monthly | Available | NA | NA | NA | NA | NA | NA | NA | NA | Available, Daily | 1,2,3,4 and 5 | Anita S Vidhate- PCMC Technosavy training Madan B Salve- Pune Police- Cyber crime training | | | | | |
| 48 | PCMC Primary School boys girls no 2/1 Nigdi | Nigdi otta school rahulnagar, sector no 22 near to madhukar pawale school Nigdi, pune-411044 | 1987 | Mr. Mirgane Bharat Santram | 9130060291 | pcmcnigdiboys21@gmail.com | 1st | 7th | 304 | 320 | 1 | 16 | 2 available, daily | NA | Available, Daily | available, Daily | NA | NA | NA | NA | NA | NA | 1 Available, daily | NA | NA | NA | NA | Available, Daily | 1,2,4,5 and 6 | MSCIT Technosavi Teachers Training completed by:- Kambale surekha sachin Gade Rekha Kiran Bandivadekar Smita Vijay Tavte Vaishali Manohar- | | | | |
| 49 | Nidgi Boys, girls School no 2/2 | Sector 22 Rupenagar kalbhore gavthan nighdi pune 44 | 1992 | Mrs. Vidya Prabhakar Shinde | 8888876172 | - | 1st | 7th | 291 | 415 | 14 | 6 | Available | NA | NA | Available, weekly | Available, weekly | Available, NA | Available, daily | Available, NA | NA | NA | Available | NA | NA | Available, Daily | 1,2,4,5 and 7 | No Information | | | | | | |
| 50 | Sai Navnath D Sabale Primary School, bhatnagar | Near Boudhvihar bhatngar, Pimpri Pune 411017 | 2014 | Mrs Shikave subhadra Raosaheb | 9011147153 | b11bhatnagarschool@gmail.com | 1st | 7th | 248 | 284 | 2 | 14 | 10 Available, | NA | NA | Available, Rarely | Available, rarely | NA | NA | NA | NA | NA | NA | NA | NA | NA | - | 1,2,4,5 and 7 | MSCIT | | | | | |
| 51 | Sai Jeevan Primary Boys No 87 School Jadhavwadi | Near Savtamali Temple, Jadhavwadi, chikhli, Pune 62 | - | Sharada Nandkishor Desai | 9226274982/9028555545/9881090686 | - | 1st | 7th | 606 | - | 10 | 6 | Available, daily | NA | Available, Daily | available, Daily | Available, weekly | NA | Available | NA | Available, daily | Available, daily | NA | NA | NA | NA | Available, Daily | 1,2,3,4,5,6 and 7 | No Information | | | | | |
| 52 | Sai Jeevan Primary Girl School Jadhavwadi | Near Savtamali Temple, Jadhavwadi, chikhli, Pune 62 | 2003 | Gaikwad Lata Mohan | 9975495606 | - | 1st | 7th | - | 582 | 8 | 9 | Available | NA | Available | Available | Available | NA | Available | NA | Available | Available | NA | NA | NA | NA | Available | | No Information | | | | | |
| 53 | CHH Shri Shivaji Maharaj Pri School Bhosari boys No 4 | Bhosarigaon, Pune 411039 | 1911 | Mrs Vishwe Vaishali Dasharath | 9822490940 | - | 5th | 7th | 239 | - | - | 8 | 10 available, Weekly | NA | NA | NA | NA | NA | NA | Available, weekly | NA | NA | NA | NA | NA | NA | Available, Daily | 1,2,4,5 and 7 | All teacher staff | | | | | |
| 54 | Savitribai Phule prim girl school | Landevasi ghavane vasti bhosari pune 39 | 1993 | Jadhav ahilyadevi ratnakar | 9049183040 | ahilyadeviadhav@gmail.com | 1st | 7th | - | 229 | - | 8 | Available, Daily | - | Kyan | available | NA | NA | NA | NA | NA | NA | Available | NA | - | - | Available | 1,2,3(Math, English), 5,6 and 7 | 3 Teachers trained in Lady Technosavy training. MSCIT exam cleared by all Teachers | | | | | |

| S No | School Name | Address | Year of Establishment | Name of HoD | Contact No (Mobile) | Email ID | Lowest Class in School | Highest Class in school | Total Student Strength | | | | Resource Availability | | | | | | | | | | | | | | | | | Teaching/Assessment Methodologies being followed for Various Subjects 1. Group discussions 2. Project work 3. Use of Labs (Physics/Chemistry/Biology/Math/English) | Technology Training Details (For Teachers) |
|------|---|---|-----------------------|----------------------------------|---------------------|--------------------------------------|------------------------|-------------------------|------------------------|-------|----|----|-----------------------|------------------|---------------------|---------------------|---------------------|--------------------|-------------------|---------------------|-----------|--------------------|------------------|--|------------------|-------------------|--|--|--------------|--|--|
| | | | | | | | | | Boys | Girls | M | F | MM Computers | Tablets | Projector | Printer | Scanner | Tape recorder | VCR/DVD Player | TV | OHP | UPS | OS, Applications | No. of AV Rooms and equipment used in it | LAN/WiFi | ISP and Speed | MM Content Details | Insurance | Power Supply | | |
| 55 | Savitribai Phule boys prim school landewadi bhosari | Gavane Vasti landewadi bhosari | 1987 | Shinde Chhaya Balasaheb | 9657681049 | savitribai@phuleschoolboys@gmail.com | 1st | 7th | 230 | - | 1 | 8 | Available, Daily | NA | NA | available, Daily | NA | NA | NA | Available, daily | NA | NA | NA | NA | Available, Daily | E-Learning, Daily | 1,2,3,5,6 and 7 (Reading room , bajaj activity) | Technosavy training (S.C.E.R.T) attend by priya mali | | | |
| 56 | PCMC Bhosari boys No 3 | PMT Chowk Bhosari Pune 39 | 1984 | Maya Madhav shelar | 9767305072 | c12bhosariboysno3@gmail.com | 1st | 7th | 286 | - | 1 | 8 | 2 available, daily | NA | NA | NA | NA | NA | NA | Available, Daily | NA | NA | NA | NA | Available, daily | | 1,2,4,5,6 and 7 | MSCIT Course completed by all teachers | | | |
| 57 | Bhosari Girl No 1 | PMT Chowk Bhosari Pune 39 | 1911 | Sau Shobha Nilima Ashok | 9975957850 | c15bhosarigirlsno1@gmail.com | 1st | 4th | - | 259 | - | 11 | 2 available, weekly | NA | NA | 1 Available, Daily | NA | NA | NA | NA | NA | NA | NA | NA | Available, Daily | E-Learning, Daily | 1,2,4 and 5 | MSCIT | | | |
| 58 | Bhosari Girl No 2 | PMT chowk , Behind shivaji Maharaj statue bhosari Pune 39 | 1911 | Mrs Sunita Tanaji Gite | 7350004790 | c13bhosarigirls@gmail.com | 5th | 7th | - | 227 | - | 9 | 2 Available, Weekly | NA | NA | 1 Available, Daily | NA | NA | NA | NA | NA | NA | NA | NA | Available, Daily | E-Learning, Daily | 1,2,4 and 5 | MSCIT | | | |
| 59 | Annsaheb Magar Primary School, Borhadewadi boys no 13 | Borhadewadi, Moshi | 1948 | Mrs Salave Vimal Ramchandra | 7722043062 | c16borhadewadiboys@gmail.com | 1st | 7th | 315 | - | 2 | 7 | 7 available, daily | NA | NA | 1 Available, Daily | 1 available, daily | 1 Available, daily | NA | NA | NA | NA | NA | NA | Available, Daily | | 1,2,3(chem, math, english),4,5,6,7,8,9,10, and 11 | No Information | | | |
| 60 | Kai Annsaheb Magar PCMC girls school borhadewadi | Borhadewadi, post- moshi Pune | 2004 | Shri. Chindha Janku umbare | 9922502168 | annasahebmagargirlsschool@gmail.com | 1st | 7th | - | 307 | 2 | 7 | 7 available, daily | NA | NA | 1 Available, Daily | 1 Available, Daily | 1 Available, Daily | NA | NA | NA | NA | NA | NA | Available, Daily | | 1,2,3(Math, english),4,5,6,7,8 and 9 | No Information | | | |
| 61 | Primary School Moshi boys no 106 | Moshi, Pune | 1981 | Mrs. Mane Pushpa Suresh | 9730253240 | - | 1st | 7th | 774 | - | 3 | 18 | Available, daily | NA | Available, daily | available, Daily | Available, daily | NA | NA | Available, daily | NA | NA | NA | NA | Available | | | No Information | | | |
| 62 | Primary School Moshi Girls no 107 | Moshi, Pune | 1981 | Mrs. Mundhe Vitthal Rambhau | 9096029003 | - | 1st | 7th | - | 807 | 6 | 18 | Available, daily | NA | Available, daily | available, Daily | Available, daily | NA | NA | Available, daily | NA | NA | NA | NA | Available | | | No Information | | | |
| 63 | Pdt. Jawaherlal Nehru Primary charholi budruk | Charholi Budruk, Pune | 1856 | Mr Utale Namdeo Manohar | 9552527233 | - | 1st | 4th | 131 | 126 | 3 | 7 | 2 available, daily | NA | 1 available, weekly | available, Daily | Available, rarely | NA | Available, rarely | NA | NA | NA | NA | Available, Daily | | 1,2,3,4 and 5 | Handling and operating Computers Create Email Account OHP Handling | | | | |
| 64 | PCMC School Burdewasti No 28 | Burdewasti, Charholi BK Haveli, Pune | 1949 | Mr. Kshirsagar Dattatray Pundlik | 9767108168 | burdewastipcmcschool27@gmail.com | 1st | 4th | 16 | 23 | 2 | - | 1 Available, daily | NA | 1 Kyan, Daily | 1 available, daily | 1 available, daily | NA | NA | NA | NA | NA | NA | NA | Available, Daily | | 1,2,3(Math, english),4,5,6 and 13 (Kyan Available) | MSCIT- Mr Kale Anil Ramhari Mr Kshirsagar Dattatray Pundalik Microsoft | | | |
| 65 | Chovisawadi primary school no 22 | Pune Alandi rd Chovisawadi | 1920 | Mr Sabale Dunda Moghaji | 9689113732 | chovisawadi20@gmail.com | 1st | 7th | 158 | 158 | 3 | 5 | 1 Available, daily | NA | NA | 1 Available, Daily | NA | NA | NA | NA | NA | NA | NA | Sound system | Available, Daily | | | No Information | | | |
| 66 | Wadmukhwadi Primary School | Wadmukhwadi, charoli Haveli Pune | | Sau Shanta Baban Tapir | 9604868350 | - | 1st | 4th | 19 | 17 | - | - | 1 Available, daily | NA | NA | 1 available, daily | 1 available, daily | NA | NA | NA | NA | NA | NA | NA | Available, daily | | 1,2,3,4 and 5 | | | | |
| 67 | PCMC school Kaljewadi No 110 | Kaljewadi Post Charholi bhudruk, Haveli, Pune | 1954 | Mr. Paradsiddharth pandurang | 8888092403 | c25kaljewadischool@gmail.com | 1st | 4th | 26 | 21 | 2 | - | 5 available | NA | Kyan, daily | available, Daily | NA | NA | Available, weekly | Available, weekly | NA | NA | NA | NA | NA | | 1,2,4,5 and 10 | | | | |
| 68 | PCMC Primary School Dudulgaon No 108 | Dudulgaon, Haveli, Pune - 412105 | 1946 | Mrs Sukre hemlata Suryakant | 9689003450 | c23dudulgaonprimary108@gmail.com | 1st | 7th | 115 | 99 | 7 | 1 | 1 Available, daily | NA | NA | available, Daily | Available, daily | Available, daily | Available, weekly | Available, daily | NA | NA | NA | NA | Available, daily | | 1,2,4,5,6 and 8 | Mr. Bhulbal V S completed training of technology in 2017 | | | |
| 69 | Dhayarkarwadi Pcmc school No-109 | Dhayarkarwadi, dehu-alandi road, dudulgaon 412105 | 1974 | Mr Bhutambare shivaji mahodu | 9881440354 | c24schoolno109@gmail.com | 1st | 4th | 19 | 20 | 2 | - | 1 Available, daily | - | 1 available, daily | Available, daily | - | NA | Available, daily | NA | NA | NA | NA | Sound system | Available, daily | | 1 and 2 | | | | |
| 70 | PCMC school no 117 Dighi(B) | Dighi Gaon Near Pune Alandi Road Pune 411015 | 1928 | Mrs Sandhya Dilip Gawali | 9890117284 | c28dighiboys@gmail.com | 1st | 7th | 241 | - | 1 | 8 | 7 available, daily | 10 Available, NA | NA | 1 Available, Rarely | 1 available, Rarely | NA | NA | 1 Available, weekly | NA | 7 available, daily | Xp, Daily | 1 Available, weekly | Available, Daily | | 1,2,4,5,6 and 7 | Teacher had completed MSCIT course. Very well familiar with online works | | | |
| 71 | Pimpri chinchwad Pri School Kudawadi no 89 | Near Bairwanath temple Kudalwadi Chikhali Pune- 412114 | 1973 | Sagbhor Nanasahab Bhausahab | 9762461218 | - | 1st | 7th | 276 | 278 | 10 | 6 | Available, daily | NA | Available, Daily | available, Daily | Available, daily | NA | Available, NA | NA | Available | Available | NA | NA | Available, Daily | | | No Information | | | |

| S No | School Name | Address | Year of Establishment | Name of HoD | Contact No (Mobile) | Email ID | Lowest Class in School | Highest Class in school | Total Student Strength | | | | Resource Availability | | | | | | | | | | | | | | | | Teaching/Assessment Methodologies being followed for Various Subjects 1. Group discussions 2. Project work 3. Use of Labs (Physics/Chemistry/Biology/Math/English) | Technology Training Details (For Teachers) | | |
|------|--|--|-----------------------|------------------------------|---------------------|--|------------------------|-------------------------|------------------------|-------|---|----|-----------------------|------------------|------------------------|--------------------|--------------------|---------------------|-------------------|--------------------|--------------------|------------------|------------------|--|-------------------------|------------------|--|----------------------------------|---|--|---|--|
| | | | | | | | | | Boys | Girls | M | F | MM Computers | Tablets | Projector | Printer | Scanner | Tape recorder | VCR/DVD Player | TV | OHP | UPS | OS, Applications | No. of AV Rooms and equipment used in it | LAN/WIFI | ISP and Speed | MM Content Details | Insurance | | | Power Supply | Any Other |
| 72 | PCMC Chikhali Boys School No 90 | Chikhali Gaonthan Main Chowk bus stop, chikhali haveli, Pune 411062 | 1905 | Mrs Meera Sunil Abhang | 9881611638 | pcmchoyschickhal90@gmail.com | 1st | 7th | 500 | - | 3 | 10 | 18 Available, daily | NA | Available, daily | Available, daily | Available, weekly | Available, daily | Available, weekly | Available, NA | Available, daily | NA | NA | NA | NA | NA | Available, daily | NA | Available, Daily | | 1,2,3,4,5,6,7,8,9,10 and 13(Computer training of student and teachers , Mobile app- Tv Screen mirroring) | Sau. Nangare sunanda Ashok Sau Dhore Kalpana Sampat Sau Dhanokar Swapna Prashant |
| 73 | PCMC School Chikhli kanya school no 91 | Chikhali Gaonthan Main Chowk bus stop, chikhali haveli, Pune 411062 | 1981 | Mrs Shobha Ramdas Jadhav | 8805084565 | pcmchikhalikanya@gmail.com | 1st | 7th | - | 583 | 1 | 14 | 16 Available, Daily | Available, daily | Available, Daily | available, Daily | Available, daily | Available, weekly | Available, weekly | Available, weekly | Available, daily | NA | NA | NA | Available, daily | Available, daily | NA | Available, daily | Sound system- available, daily CCTV - available, daily | 1,2,3,4,5,6,7,8 and 10 (Playing instrument use, read to room available) | Mrs Murganayana vijay chavhan Mrs Angha shirkant kulkarni Mr. Rohidas Bhaurao Bhangale | |
| 74 | NevaleWasti no 88 | Pune | 2017 | Sau Ubale Nita Anand | 9765812634 | pcm.newalewasti88@gmail.com | 1st | 7th | 172 | 166 | 1 | 10 | 2 Available, | NA | NA | 1 printer, Daily | NA | NA | NA | NA | 1 available, daily | NA | NA | NA | NA | NA | NA | Available, Daily | | 1,2,4,5 and 6 | | |
| 75 | PCMC School Mhetrewadi No 92 | Anaganwadi chowk ,morewasti, chikhali, pune 412114 | 2017 | Mrs Dhokale Pratibha jijaba | 9822960170 | - | 1st | 7th | 292 | 362 | 4 | 12 | 11 Available, Daily | NA | Available, daily | 1 Available, daily | 1 available, daily | NA | NA | 2 available, Daily | NA | NA | NA | 12 available, daily | NA | NA | NA | NA | | 1 | MSCIT = 14 teacher | |
| 76 | PCMC Kai Vitthalrao Sakhran sonawane primary school no 93 sonawane wasti | Sonawanewasti, chikhali pune- 412114 | | Miss. Waghmare kalpana kiran | 9657932134 | pcmcschoolsonawanewasti93@gmail.com | 1st | 7th | 127 | 110 | 4 | 5 | 10 available, Weekly | NA | 1 available, daily | available, Daily | Available, daily | NA | NA | Available, daily | Available, daily | NA | NA | NA | 1 MBPS Available, daily | Sound system | NA | Available, Daily | | 13) Digital classroom teach by TV education - software | Use of digital system Group discussion | |
| 77 | late PCMC Kisanrao Antuji Bhalerao primary | AT - Talawade, dehu Alandi road, Pune | | Mr Mirgane Mahadeo | 9850728515 | a28pcmctalwade@gmail.com | 1st | 7th | 195 | 174 | - | - | 2 available, daily | NA | NA | available, Daily | Available, daily | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | | 1,2,3 and 7 | Mr. Santosh Ghanwat & Supe Vaibhav had completed technosavy teacher training. | |
| 78 | Pimpri chinchwad municipal Corporation primary school Indrayani nagar | Sector no 01 Indrayani nagar Bhosari Pune- 39 | 2012 | PCMC school board pune 17 | 9623031074 | vaishnovmata4@gmail.com | 1st | 7th | 247 | 315 | 3 | 12 | 10 Available, Daily | NA | 2 available, daily | 1 Available, Daily | NA | NA | NA | NA | NA | NA | NA | NA | NA | MSEB, daily | | 1,2,3,4,5,6 and 7 | | | | |
| 79 | kai Prabodhankar Thakre Vidhyamandir Shramik nagar no 94 | Kai Prabodhankar Thakre Vidyamandir Shramiknagar No 94 (Rupeenagar) | 1978 | Kalbande swati madhukar | 9552516639 | pcmcskramiknagar94@gmail.com | 1st | 7th | - | - | - | - | 12 Available, weekly | NA | NA | Available, daily | Available, daily | NA | NA | Available, daily | Available, daily | Available, daily | NA | NA | NA | NA | Available, Daily | | 1,2,3,5 and 6 | MSCIT Training completed by all teachers | | |
| 80 | Mata Ramabai Bhimrao Ambedkar Boys Primary School Ajanthanagar | Ajanthanagar Near hyundai showroom chinchwad pune - 411019 | 2003 | Mrs Said Rajani Ekanath | 9762225048 | mrba.school@gmail.com | 1st | 7th | 326 | - | 1 | 9 | 2 available, weekly | NA | K Yan, NA | Available, Rarely | NA | Available, rarely | NA | Available, rarely | NA | Available, daily | Available, Daily | 5 mbps | NA | NA | Available, daily | E- learning, daily k Yan, rarely | 1,2,3(Math),4,5,6,7 and 13 (Mobile-short educational videos, poems, songs, YOUTUBE etc. | Technosavy training- cluster level MSCIT completed by all teachers | | |
| 81 | Mata Ramabai Bhimrao Ambedkar Girls Primary School Ajanthanagar | Ajanthanagar Near hyundai showroom chinchwad pune - 411019 | 2003 | Mrs Mangal Gautam Arkade | - | ajanthanagar.1kanya@gmail.com | 1st | 7th | - | 327 | - | 11 | 2 available, rarely | NA | NA | available, Daily | Available, daily | NA | NA | Available, daily | NA | NA | NA | NA | NA | NA | Available, Daily | E- learning, daily | 1,2,4,5,6,7 and 8 (VR Box) | Technosavy training - State Level Technosavy Training - Cluster level | | |
| 82 | PCMC Fakir bhai Pansare urdu Primary school, Akurdi | Opp. Force motors, near khandoba mandir dattawadi akurdi Pune 411035 | 1988 | Shaikh zubeda jshaque | 9860502327 | pcmcurduschoolakurdi@gmail.com | 1st | 7th | 191 | 273 | 2 | 10 | 10 Available, Daily | NA | E-learning , daily | available, Daily | NA | NA | Available, daily | NA | NA | Available, daily | Available, Daily | Computer, e learning (TV), daily | NA | Available, Daily | | 1,3,4,6,7 and 10 | | | | |
| 83 | Fakir bhai Pansare urdu primary school chinchwad station | Opp of MIDC office teko road, chinchwad station pune 411019 | 1978 | sayed Tahera abduk gani | | a13chinchwadstation@gmail.com | 1st | 7th | 173 | 186 | 1 | 7 | Available, daily | NA | Kyan available, weekly | available, Daily | NA | Available, weekly | NA | NA | Available, daily | NA | NA | Available, weekly | NA | Available, daily | E learning computer lab provided by jankidevi Bajaj, daily | 1,2,5,9,10,11, and 12 | Training arranged by PCMC, PMC and also arranged by Janakidevi bajaj | | | |
| 84 | PCMC Hajrat Umar Farooq urdu primary school rupeenagar ,nigdi pune 44 | Kalbhor gotha nr PCMC hospital rupeenagar nigdi, pune 44 | 2003 | Miss khan S H | 9960799706 | uschoolrupeenagar1302@gmail.com | 1st | 8th | | | 3 | 9 | 10 available, daily | NA | NA | 1 Available, Daily | Available, daily | 1 Available, rarely | NA | NA | avaiabel, daily | NA | NA | NA | NA | NA | NA | | 1,2,5 and 6 | | | |

| S No | School Name | Address | Year of Establishment | Name of HoD | Contact No (Mobile) | Email ID | Lowest Class in School | Highest Class in school | Total Student Strength | | | | Resource Availability | | | | | | | | | | | | | | | | | | | Teaching/Assessment Methodologies being followed for Various Subjects 1. Group discussions 2. Project work 3. Use of Labs (Physics/Chemistry/Biology/Math/English) | Technology Training Details (For Teachers) |
|------|---|--|-----------------------|-----------------------------------|---------------------|--|------------------------|-------------------------|------------------------|-------|---|---|-----------------------|---------|--------------------|---------------------|--------------------|---------------|------------------|------------------|------------------|-----|------------------|--|-----------------|---------------|--------------------|--|---|--|--------------------|---|---|
| | | | | | | | | | Boys | Girls | M | F | MM Computers | Tablets | Projector | Printer | Scanner | Tape recorder | VCR/DVD Player | TV | OHP | UPS | OS, Applications | No. of AV Rooms and equipment used in it | LAN/WIFI | ISP and Speed | MM Content Details | Insurance | Power Supply | Any Other | | | |
| 85 | PCMC yashwantrao Chavhan urdu primary school | Near Thergaon property tax office, thergaon , pune 411033 | 1996 | Tadyi Saeedabi jhiprukhan | 8055776748 | ycusthergon01@gmail.com | 1st | 8th | 105 | 228 | - | 8 | 7 Available, daily | NA | NA | 2 available, Daily | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | Available, Daily | | 1,6,10 and 11 | Kindly arrange Technology training for the teachers |
| 86 | Shahid Ashfaqullah Khan, Urdu Primary School no 93 Dapodi | Near Ambedkar statue, dapodi | 1967 | Shaikh Rukhsana zair | 9802366788 | rukhsanashaikh7886@gmail.com | 1st | 8th | 140 | 154 | - | 7 | 2 available, daily | NA | K yan, weekly | 1 Available, Daily | 1 available, daily | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | Available., daily | | 1,2,5,6,8,9 and 10 | | |
| 87 | Urdu Primary school kharalwadi | Kharwadi, pimpri pune 18 | 1978 | Shaikh Arefa mansood pervez | 9765888628 | b3kharalwadiurdu@gmail.com | 1st | 8th | 108 | 178 | 1 | - | 2 available, weekly | NA | NA | 1 Available, Daily | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1 Available, daily | | 1,2,4 and 7 | | | |
| 88 | PCMC Hutatma Chaphekar Urdu school Chinchwadgaon pune 33 | Near Morya Gosavi Mandir Chinchwadgaon, Pune 33 | 1990 | Shaikh Arif Iqbal md shah Alam | 9021258054 | urduschoolchinchwadgaon@gmail.com | 1st | 7th | 46 | 87 | 2 | 2 | 2 available, daily | NA | Kyan, weekly | 1 Available, Daily | 1 available, daily | NA | NA | NA | NA | NA | NA | NA | Mobile Internet | Kyan, rarely | NA | Available, Daily | | 1,2,4,5,6,8,9,10,13 (K yan, use of mobile as educational aid.) Oral work, drawing competition and other celebration etc | No information | | |
| 89 | Dr Allama Iqbal Urdu Priary school PCMC Kasarwadi | Gulistan nagar, behind ITI College Kasarwadi, Pune 411034 | 1978 | Inamdar Irfana Mehboob | - | inamdarirfana@gmail.com | 1st | 8th | 120 | 186 | - | 7 | Available, daily | NA | NA | NA | NA | NA | Available, daily | Available, daily | Available, daily | NA | NA | NA | NA | NA | NA | Available, Daily | | 1,2,5 6 and 7 | | | |
| 90 | PCMC Urdu Primary school landewadi, bhosari, pune 411039 | Savitribai phule, pcmc girls/ boys pri school landewadi, bhosari, pune | 1992 | Mrs. Attar Tahseen yusuf | 8275141740 | pcmcurduprimaryschoolandewadi@gmail.com | 1st | 8th | 122 | 208 | 1 | 7 | 12 Available, daily | NA | 1 available, daily | 1 Available, Rarely | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | MSEB | | 1,2,3,5,6,7 and 8 | Need technolog traininf training to all teacher and student. Two teachers are trained by lady technosavy | | | |
| 91 | PCMC urdu primary school kalewadi | Jyotiba Nagar Kalewadi Pimpri 17 | 2008 | Shaik jabeen Mohd shahid | 9423238134 | - | 1st | 7th | 73 | 149 | - | 4 | 7 available, weekly | NA | NA | available, Daily | Available, rarely | NA | NA | Available, daily | NA | NA | NA | NA | NA | NA | Available, Daily | | 1,2,3,5,6 and 9 | No information | | | |
| 92 | PCMC Urdu primary school shramik nagar | Shramiknagar rupeenagar | 2007 | Ambilkhic hade Farooque MD Ismail | 9881854914 | pcmcurduschoolshramiknagar@gmail.com | 1st | 7th | 46 | 84 | 1 | 2 | 2 available, weekly | NA | NA | available, Daily | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | - | Teachers use computer, mobile use of internet material , As per requirement | Use of mobile as educational aid , oral work , drawing competition and other celebration etc. | No information | | | |
| 93 | PCMC urdu school pimpri nagar | Near Jijamata hospital pimpri nagar pune-411017 | 2014 | Shaikh Naeem salim | 9665869526 | pcmcurduschoolpimpriinagar@gmail.com | 1st | 4th | 35 | 55 | 2 | - | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | Available, Daily | Teachers use technology such as computer , tab mobile , bluetooth speaker, use of internet | Use of mobile as educational aid , oral work , drawing competition and other celebration etc. | No information | | | |

Note:1) '-' means Information is not available.

2) * The information available has been given in the table above. For any further informaiton, or information that appears conflicting, or any misings informaiton, the interested bidder may reach out to the schol department directly.