

SMART CITY PROJECT- KAKINADA, ANDHRA PRADESH

Name of the work: "Upgradation of Primary School Infrastructure"

STATEMENT SHOWING TENTATIVE QUANTITIES (SCHOOLWISE)

SI. No	Description of Item		Name of School										Total Qty	
			RP Line	MD MP	Sri Rama Spl	Mother Teresa	Sri Satyanarayan a Spl	Ramarao Peta	Sarada	Sri venkateswar a	BP Special	Hindu		MCP Pagoda
100-Civil work			QUANTITIES											
100-1	Earth work excavation for foundations (Manual Means) of building foundations, footings, walls, sump, compound wall in ordinary soils and depositing on bank with an initial lead of 10m and depth up to 3m including all operational, incidental, labour charges such as shoring, sheeting, planking, strutting etc., as per GFC drawings issued by the Employer and overheads & contractors profit complete for finished item of work excluding dewatering charges etc., as per SS 20 B(APSS 308)	Cum	32.50	241.40	6.00	24.00	187.00	16.50	15.20	2.00	21.00	2.00	24.51	572.11
100-2	Filling sand under foundation concrete including cost and conveyance of sand from approved source and labour charges for sectioning, ramming, watering and compacting etc., complete for finished item of work.	Cum	4.60	14.20	2.13	3.00	8.00	5.00	3.51	0.77	3.00	0.18	4.00	48.38
100-3	Earth filling with excavated earth with all labour charges sectioning, ramming, watering etc., complete	Cum	10.00	237.87	10.00	10.00	237.20	10.00	10.00	10.00	10.00	10.00	10.00	565.07
100-4	Supply, Laying, Filling, levelling and consolidation of Gravel blended with Gravel 70% and Sand 30% brought from approved quarry including cost and conveyance of gravel and sand and all labour charges for sectioning, ramming, watering etc. complete including Seigniorage charges, other taxes on all materials complete for finished item of work as per GFC drawings issued by the Employer.	Cum	52.00	56.00	72.00	40.20	93.00	70.00	167.00	0.00	158.00	0.00	82.00	790.20
100-5	Plain Cement Concrete (1:4:8) (cement: fine aggregate: Coarse aggregate) for foundations and under flooring bed using coarse aggregate 40mm size hard, machine crushed granite from approved quarry including cost and conveyance of all materials like cement, sand, coarse aggregate, water etc. as per GFC drawings issued by the Employer to site, including sales & other taxes on all materials and including all charges for machine mixing, laying concrete in foundations and under flooring bed of 0.1m layer ramming finishing top surface to the required level curing etc., and overheads & contractors profit complete for finished item of work. (APSS No. 402)	Cum	4.70	35.39	7.13	5.00	18.00	5.00	8.70	8.79	8.00	5.18	9.84	115.73
100-6	Supply and fixing casting situ C.C. (Pre casted) not less than M30 strength, C.C. Kerbs of size 600 X 400 X 110 mm thick with bottom thickness of 110 mm up to height of 350 mm and top width of 60 mm thick chamfering at starts at 350 mm height to 400 mm as per GFC drawings issued by the Employer can be laid existing CC Bed with kerb laying machine jointing with C.M(1:3) including cost and conveyance of all material & labour charges including transportation complete for finished item of work	Rmt	20.00	10.00	0.00	0.00	10.00	10.00	10.00	10.00	10.00	0.00	10.00	90.00
100-7	Supply and placing of M-25 grade Design Mix Concrete corresponding to IS 456 using Mobile concrete mixture 20mm size graded machine crushed hard granite metal (coarse aggregate) from approved quarry including Adjustable Jack screw Props and Acro span HIRE CHARGES FOR CENTERING & SCAFFOLDING cost and conveyance of all materials like cement, fine aggregate (sand) coarse aggregate, water etc., to site, and excluding seigniorage charges, sales & other taxes on all materials including all operational, incidental and labour charges such as machine mixing, laying concrete, curing etc., complete including Adjustable Jack screw Props and Acro span HIRE CHARGES FOR CENTERING & SCAFFOLDING but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 402)													
	For Footings	cum	2.47	10.27	2.40	3.14	16.97	1.34	2.32	0.50	2.25	0.00	3.72	45.38

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	For Plinth beam	cum	1.63	3.89	0.00	2.66	11.93	0.00	0.90	1.58	2.03	0.00	3.76	28.38
	For columns	cum	0.13	9.93	0.36	1.29	3.24	0.54	0.53	0.16	0.97	0.00	0.79	17.95
	For Lintels & chajjas	cum	0	1.85	0	0	0	0	0.00	0.00	0.00	0.00	0.00	1.85
	For Roof beams	cum	0	4.44	0	0	10.22	0	0.00	0.00	0.00	0.00	0.00	14.65
	For Roof slabs	cum	3.39	11.47	0	2.37	16.04	0	1.58	0.00	1.92	0.00	3.76	40.53
100-8	Providing High Yield Strength Deformed (HYSD) bars (Fe 415 grade as per IS 1786-1979) of different diameters for RCC works, including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc. complete for finished item of work in all floors (APSS No:126)	kgs	875.58	4186.13	275.60	946.15	5493.74	188.40	531.70	224.10	806.57	0.00	1203.35	14731.32
100-9	Supply and construction of Brick masonry 230 mm thick for walls in super structure, foundation with cement mortar (1:6) prop (Cement:sand) using Second class Bricks 23 x 11 x 7 cm from approved source having minimum crushing strength of not less than 3.5 N/sq.mm. including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, cost of all incidental and operational, labour charges like mixing cement mortar, scaffolding charges, constructing masonry, lift charges, curing etc., complete for finished item of work as per APSS 504.	Cum	13.00	150.76	1.00	17.00	38.79	4.00	6.99	0.00	11.00	14.83	43.77	301.13
100-10	Supply and construction of Reinforced Brick Masonry for partition walls (115 mm thick) in CM (1:4) prop.(Cement:Sand) using Bricks second class from approved source having minimum crushing strength of not less than 3.5 N/sq.mm. and placing 2 nos of 6mm M.S plain rods in every third layer with free ends of the reinforcement pegged into mortar joints of main brick walls where applicable including cost and conveyance of all materials like cement, sand, bricks, water etc., to site, scaffolding charges and labour charges like mixing cement mortar, lift charges, curing, complete but excluding cost of steel and its fabrication charges for finished item of work (APSS No. 509 & 501) for:-Reinforced Brick Masonry in CM 1:4 (Country) as per GFC drawings issued by the Employer	Sqm	67.00	175.08	12.00	25.00	176.47	6.99	6.09	0.00	36.50	5.67	62.50	573.30
100-11	Plastering with CM (1:4),15 mm thick including cost and conveyance of materials and all labour charges etc. complete	Sqm	479.00	641.42	393.89	319.00	318.69	268.14	91.39	15.00	69.10	77.88	277.97	2951.47
100-12	Plastering with CM (1:4), 12 mm thick including cost and conveyance of materials and all labour charges etc. complete	Sqm	276.00	265.86	283.08	284.00	368.82	607.43	28.57	15.00	1.00	66.00	20.00	2215.77
100-13	Plastering with CM (1:3), 6 mm thick including cost and conveyance of materials and all labour charges etc. complete	Sqm	130.00	128.28	89.00	205.00	1.00	1.00	55.00	0.00	1.00	1.00	1.00	612.28

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100-14	Supplying and fixing Gyp Board Suspended regular single layer false ceiling (GS-MFSC-4.1 as per India Gypsum) using 12.5 mm thick Gyp Board conforming to IS 2095 - 1982 fixing to Gyp steel GI perimeter channels of size 20 mm x 27 mm x 30 mm(web) of 0.55 mm thick along the perimeter of ceiling screw fixed to brick work/ partition at 610 mm c/c and suspending the frame work using Intermediate channels (45 mm x 15mm x 15mm x 0.9 mm) from soffit at 1220 mm c/c with ceiling angle (25 mm x 10 mm x 0.55 mm) fixed with GI Cleat and steel expansion fasteners & connecting clip to the ceiling channels (with knurled web of 51.5 mm x 26 mm x 10.5 mm x 0.55 mm) fixed in direction perpendicular to the intermediate channel at 457 mm c/c and fixing the 12.5 mm tapered edge Gypboard with 25 mm drywall screws at 230 mm c/c & jointing and finishing using joint compound and paper tape to have a flush look including filling the tapered & square edges with jointing compound, two coats of drywall topcoat complete for finished item of work as per Idia Gypsum Ltd specification.	Sqm	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	4.00	5.00	10.00	99.00
100-15	Painting to new walls with 2 coats of plastic emulsion paint of approved brand and shade over a base coat of approved cement primer grade I making 3 coats in all to give an even shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc. complete for finished item of work as per SS 912 for external walls for:-External Colouring - Plastic emulsion paint - 3 Coats	Sqm	2488.00	1035.60	1017.05	1374.10	1409.52	1471.42	1547.94	1021.48	1241.77	793.88	1791.96	15192.71
100-16	Providing wall paintings of wall arts and designer formats with plastic emulsion acrylic paints of best quality and shades of approved colours and designs over base coats of acrylic exterior emulsion paint having VOC (Volatile Organic Compound) content less than 50 grams / liter of Approved brand and shade over priming coat after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work Site and all operational, incidental. labour Charges etc. complete for finished item of work	Sqm	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	15.00	45.00	465.00
100-17	Providing water proofing treatment on roof slabs and junction of slabs with cement mortar 1:3, by adding water proofing admixture M/s FOSROC...etc or any epuilent brand approved.... conplast X-421 IC and NITOBOND SBR at a dosage of 200 ml each/ 50Kg of cement, 12 mm thick over a layer of 38mm thick cement concrete 1:2:4 nominal(using 320 kg of cement per m3 of finished concrete) using 6mm (passing through 10mm sieve and retained on 2.36mm sieve) granite metal of approved quality as coarse aggregate and river sand as fine aggregate including mixing, depositing in position, tamping, finishing, curing etc., including supplying, embedding chicken mesh of 18 guage as reinforcement in concrete. All labour and materials including the required surface preparation by removing loose materials and cleaning etc over the roof slabs before laying the cement concrete.	Sqm	113.00	92.14	39.00	113.00	109.43	1.00	10.00	0.00	1.00	1.00	2.00	481.57
100-18	Supply and fixing of Vitrified Tiles flooring 600x600mm of approved colour and make as directed by the Engineer and as per the GFC drawing given by the Employer in 15mm thickness cement mortar (1:5) including near cement slurry of honey like consistency spread @ 3.3 kgs per sqm & jointed with neat cement to full depth mixed with pigment of matching shade including cost of all materials like cement, sand water and tiles etc., complete, including Seigniorage charges, complete for finished item of work.	Sqm	139.00	88.53	139.78	46.00	143.00	201.00	9.45	0.00	143.00	188.00	324.00	1421.75

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100-19	Supply & fixing of 16 to 18mm thick high polished granite stone slabs other than black and regular colours (i.e. of shades like paradiso / bala flower / copper silk / laka red / lavender blue) with borders and design as per the pattern approved by the Engineer-in-Charge of length not less than 2.43 mts set over base coat of cement mortar (1:8) , 20mm thick using screened sand including neat grey cement slurry of honey like consistency spread @ 3.3 Kg per sqm and jointed neatly with white cement paste mixed with pigment of matching shade to full depth including cost and conveyance of all materials like cement , sand , water , granite slabs etc., to work site and all operational, incidental labour & lift charges, polishing , moulding charges and all other taxes on all materials, cost of base coat and overheads & contractors profit complete for finished item of work (S.S.701 & special)	Sqm	10.00	10.00	6.75	11.70	15.00	10.00	10.80	8.10	4.05	5.40	16.90	108.70	
100-20	Supplying of hot applied thermoplastic road marking compound, 2.5mm thick including reflectorising glass beads @ 250gms with Reflectorising Glass Beads on Bituminous Surface at 250gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass bead as per IRC:35, the material should be of BERGER Company / BERGER Equivalent and must comply with the following : A) White index for the product should be in the range of 60-70 when measured against standard reference. The applied panel 7/8 number must be submitted for checking up the white index in the department lab. In case the department approves the white index of any vendor, the department engineer may carryout random checking of the applied products at site against the approved panel. In case of any major deviation, beyond acceptance limit, department reserve the right to cancel or reject the total supplied consignment of the said material and will compel the vendor has to replace the full consignment by the desired material as per approved panel at his own cost and additional demurrages may be claimed due to loss of man days (as per the rules of the department). B) Luminance factor of the material should be in the range of 80-85% at 45 degree centigrade as per AASTHOM 249, C) Crack resistance : The applied panel cured for 7 days unde ambient condition and then should be tested as per BS3262, Part-I, 1989 and should pass at the range of '0' degree centigrade to '-10' degree centigrade, D) Adhesion : Strong, E) Softening point : 102 degree centigrade, F) Dried film finish : Smooth and uniform, G) Night Vision : High as directed by the Engineer-in-Charge and confirming to IS -164-1961 (1st revision reaffirmed in 1986) and	Sqm	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	110.00
100-21	Supply and fixing of Glazed Ceramic Tiles Dadoing of approved colour and size as directed by the Engineer and as per the GFC drawing given by the Employer in 15mm thickness cement mortar (1:4) including near cement slurry of honey like consistency spread @ 3.3 kgs per sqm & jointed with neat cement to full depth mixed with pigment of matching shade including cost of all materials like cement, sand water and tiles etc., complete, including Seigniorage charges, complete for finished item of work.	Sqm	71.07	43.05	51.15	50.70	54.68	43.89	37.00	25.26	44.85	46.65	54.68	522.97	
100-22	Supply and fixing of Non-skid Ceramic Tiles flooring of approved colour and size as directed by the Engineer and as per the GFC drawing given by the Employer in 15mm thickness cement mortar (1:5) including near cement slurry of honey like consistency spread @ 3.3 kgs per sqm & jointed with neat cement to full depth mixed with pigment of matching shade including cost of all materials like cement, sand water and tiles etc., complete, including Seigniorage charges, complete for finished item of work.	Sqm	18.80	26.19	55.23	26.30	30.07	20.80	8.28	4.16	16.46	17.08	30.07	253.44	

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100-23	Supply, delivery and fixing precast C.C.Paver concrete blocks for paving of M-35 grade and thickness not less than 60 mm for Nontraffic areas conforming to IS 15658:2006 in all shapes and designs as per the manufacturer's specification including Seigniorage charges, sales & other taxes on all materials complete for finished item of work as per GFC drawings issued by the Employer.	Sqm	13.89	13.89	13.89	20.00	18.25	25.55	22.50	13.30	14.00	0.00	23.99	179.26
100-24	Providing and fixing 35mm thick BRAND FACTORY MADE MOULDED DOOR SHUTTER consisting of sold core single leaf flush door of 30mm thickness, lipped with 15mm (5mmX3) thick X 30mm width on one stiles and top rails and 10mm (5mmX2) thick X 30mm width on the other stiles and bottom rails. The inner panel laminated with 2mm thick termite proof, water proof and fire resistant moulded Pac sheet with 2,4,6 raised panel design in different panel and / or prelam colours on one side after routing the moulded design on flush door and 2mm prelam Pac sheet on other side using rubber adhesive on flush door and solvent cement adhesive on Pac lipping etc. complete as per direction of Engineer-in-Charge, manufacture specification and drawing	Sqm	27.72	10.08	27.00	22.68	15.12	12.60	20.16	15.12	7.56	10.08	32.76	200.88
100-25	Supplying and fixing of Unplasticised Poly Vinyl Chloride (UPVC) sliding windows doors three track - only two glass shutters sliding - 95 -Series duly manufactured using UPVC reinforced profiles of 95.50 mm x 60 mm x 2.25 mm for outer frames, 66 mm x 42 mm x 2.25 mm for sliding door shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50 microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant accessories like clipping locking system made of aluminium 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work as per the GFC drawing given by the Employer	Sqm	43.20	17.28	12.60	40.32	8.64	14.40	34.20	14.40	8.64	17.28	25.92	236.88
100-26	Supply & Fixing of Aluminium Tower Bolt-10 mm Bolt (IS:204) 250 mm Long For Flush Doors	Each	11.00	4.00	5.00	9.00	6.00	5.00	8.00	6.00	3.00	4.00	13.00	74.00
100-27	Supply & Fixing of Aluminium Door Handles (IS:208) 125 mm Long for flush doors	Each	22.00	8.00	10.00	18.00	12.00	10.00	16.00	12.00	6.00	8.00	26.00	148.00
100-28	Supply & Fixing of Aluminium Aldrop (IS:2681) 300 mm long for flush doors	Each	11.00	4.00	5.00	9.00	6.00	5.00	8.00	6.00	3.00	4.00	13.00	74.00
100-29	Supply & Fixing Aluminium Butt hinges (IS:205)- 100 mm Long for flush doors	Each	33.00	12.00	15.00	27.00	18.00	15.00	24.00	18.00	9.00	12.00	39.00	222.00
100-30	Supply delivery and fixing in position of M S Iron grills of any design approved by the departmental authorities using required sizes of M S materials including all cost, conveyance of material and all labour charges for cutting, bending to required shape, welding including cost of welding rods, grinding etc. complete with all taxes etc. complete finished item of work.	kgs	15.84	259.20	135.00	12.96	12.96	7.20	216.00	0.00	4.32	5.76	25.92	695.16
100-31	Painting to iron grills with two coats of synthetic enamel paint over a coat of primer of approved brand and shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, including cost and conveyance of all materials to work site and all operational, incidental, labour charges etc., as per GFC drawings issued by the Engineer-In-Charge complete for finished item work	sqm	61.68	17.28	120.00	55.92	55.92	44.40	260.40	30.00	38.64	11.52	81.84	777.60

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100-39	Fixing of M.S anchor bolt of size 16mm dia, 750mm long including cost ,threading, cutting and bending with bolt. The rate includes labour charges for alignment fixing the template and finishing of item of work and conveyance of all materials to site with all taxes and duties Fixing need to be approved by the engineer -in -charge prior pour of concrete.	Kgs	18.00	18.00	24.00	18.00	13.50	13.50	36.00	24.00	6.00	0.00	13.50	184.50
100-40	Supply. Fabrication of M.S Base plate of 12mm thick shall conform to physical specifications of IS:2062 or Equivalent having a minimum yield strength of 350 Mpa including cost of cutting, drilling with all labour charges.	kgs	33.91	33.91	33.91	25.43	25.43	25.43	50.87	33.91	16.96	0.00	25.43	305.21
100-41	Supply , fabrication and Erection of 0.5mm thick prepainted galvalume profile roof sheeting of approved make and colour, high tensile steel profiled sheet having min yield strength of 550 Mpa conforming codes. The rates includes cost of sheets, cutting, bending, required fittings etc with necessary labour and machinery charges for loading, unloading, erection including accessires such as self taping/drilling screws, adhesive tapes, rain water down spouts etc complete as shown in the drawings and directed by Engineer in Charge. only roof area will be measured for payment.	Sqm	13.89	15.00	13.89	20.00	18.25	25.55	22.50	12.50	14.00	0.00	23.99	179.57
100-42	Supply and installation of 2 x "Jora JK 270" rotating composter or similar approved. Engineer-in-Charge to approve process.All works to match specifications, any changes are to have the written approval of the Engineer-in-Charge.	Each	1	1	1	1	1	1	1	1	1	1	1	11.00
100-43	Removal of existing Door/window frame & Shutter without any damage and stacking at nominated place as directed by the Engineer In Charge	Each	39	25	12	37	15	15	27	14	9	16	31	240.00
100-44	Clearing light Jungle including uprooting the jungle as directed by the Engineer-in charge.	Sqm	510.00	547.00	259.00	425.00	1129.00	533.00	587	0.00	285.00	0	385.00	4660.00
100-45	Dismantling/Removal & Shifting of existing asbestos roof sheet and replaced with G.I Sheet. Excluding cost of G.I Sheet as directed by the engineer -in-charge.	Sqm	10	150	10	10	10	10.00	10	10	10	10	10	250.00
100-46	Dismantling of existing damaged brick masonry and throwing away the dismantled Stuff to a 50mts Radius etc... completed as directed by the Engineer- In-charge.	Cum	10	114	5	30	57	206	5	0	676	1	286	1389.46
100-47	Dismantling of existing structures R.C.C items and staking the materials use full for reuse and throwing away the dismantled Stuff to a 50mts Radius etc... completed as directed by the Engineer- In-charge.	Cum	5.00	11.41	5.00	21.93	74	5.00	5.00	0.00	5.00	0.00	5.00	137.57
200-LANDSCAPE														
200-1	Digging of 60x60x60 cm pit, filling with soil mixture of red soil and farmyard manure at 4:1 ratio including internal transport, application of fertilizers and chemicals (@ 20 gms/pit/sqmt), internal transportation of plants and planting the plants (excluding cost of plant material, fertilizers and chemicals (@ 20 gms/pit/sqmt))	Each	10	55	21	10	60	80	20	40	50	5	50	401.00
200-2	Supply, Delivery and planting following Trees/Palms including cost of transportation and the Contractor has to plant and maintain the plant for 3months and handover to KMC/KSCCL in survival condition etc., completed as per GFC drawings issued & directed by the engineer-in-charge.													
	ixora singaporensis (13x13)	Each	0	44.00	0.00	0.00	0.00	0.00	0.0	5.00	0.00	0.00	0.00	49.00
	Millingtonia hortensis(21x21)	Each	4	11.00	0.00	4.00	20.00	0.00	0.0	0.00	30.00	3.00	30.00	102.00
	Lagerstroemia Indica (21x21)	Each	6	0.00	0.00	6.00	40.00	40.00	0.0	0.00	20.00	2.00	20.00	134.00
	Song of india	Each	0.0	0.0	10.00	0.00	0.00	40.00	20.0	25.0	0.00	0.00	0.00	95.00
	chlorophytum plant	Each	0.0	0.0	0.00	0.00	0.00	0.00	0.0	10.0	0.00	0.00	0.00	10.00
	Bougainvillea plant	Each	0.0	0.0	11.00	0.00	0.00	0.00	20.0	0.0	0.00	0.00	0.00	31.00
300- Sanitary & Water Supply														

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			RP Line	MD MP	Sri Rama Spl	Mother Teresa	Sri Satyanarayan a Spl	Ramarao Peta	Sarada	Sri venkateswar a	BP Special	Hindu		MCP Pagoda
300-1	Supply, installing and commissioning approved make Hindustan / Parry ware with white European Water Closet of Approved Model with P or S trap 1st quality conforming to IS:2556-Part-2-1973 with CI short Connector & thimble pipe, PVC Low Level Cistern fixed on wall above EWC with CP Flush Bend and all internal parts of cistern viz. seat cover of approved make & colour with rubber buffer and cap 15 mm angle stop cock, 450 mm long PVC inter connection pipe, wall flanges all of approved make etc. complete for finished item of work in all respects as directed by the Engineer-in-Charge. and as per GFC drawings issued by the Employer	Nos	6	6	3	8	6	6	2	0	6	4	6	53.00
300-2	Supplying & Fixing white glazed flat back half stall urinals 1st quality conforming to IS:2556-1995 with standard C.P. Spreader of overall size 95 x 95 x 57 mm conforming to IS:2556-Part6, Sec-6-1974 fixed with screws complete Indian make (HSW/Parry/Neycer) : 590 x 375 x 390 mm all as per GFC drawings issued by the Employer	Nos	2	0	5	4	1	2	5	0	4	4	4	31.00
300-3	Supplying and fixing NP bib taps of size 12.70mm dia of Indian make Seiko or equivalent including cost and conveyance of all materials, labour charges etc., complete for finished item of work in all floors. 300qrm	Each	6	6	3	8	12	10	3	10	10	4	12	84.00
300-4	Supply and fixing of CP Jallies of approval make on wall including cost& convince charges all materials act completed for finished of item	Each	6	6	10	8	8	8	8	0	8	4	8	74.00
300-5	Supplying and fixing of 110mm SWR/PVC pipes (as per ISI standards) 4 Kg/sqm Prince/Sudhakar or any ISI brand and fixing all special such as plain bends, off sets, door bends, single junctions, double junctions as per site requirement, fixing with PVC clamps if necessary with required number of Bombay nails including cost and conveyance of all materials to site, labour charges etc., complete for finished item of work at all floor levels (APSS No.1302, 1319 & 1326)	Rmt	25	25	25	25	25	40	25	0	25	10	35	260.00
300-6	Supplying and fixing 28 mm PPR Ball valve as per ISI Class - I , Indian make heavy type including cost and conveyance of all materials , labour charges etc. complete for finished item of work.	no's	5	10	3	5	20	25	5	0	10	5	20	108.00
300-7	Supplying & fixing Ashirvad/Astral flow guard for equivalent 16mm CPVC Pipes with fittings in ground or on wall including cost of tees, elbows, bends, reducers, couplings, running joints, union flanges, unions etc. with necessary exc'vation in all types of soils except rock requiring blasting, refilling, chiselling masonry walls and making good the walls & floors to the original surface and fixing MS clamps on TW blocks on walls including cost and conveyance of all materials and labour charges complete for finished item of work. (16 mm dia)	Rmt	10.00	20.00	25.00	60.00	50.00	80.00	25.00	50.00	30.00	15.00	50.00	415.00
300-8	Supplying & fixing Ashirvad/Astral flow guard for equivalent CPVC Pipes with fittings in ground or on wall including cost of tees, elbows, bends, reducers, couplings, running joints, union flanges, unions etc. with necessary excavation in all types of soils except rock requiring blasting, refilling, chiselling masonry walls and making good the walls & floors to the original surface and fixing MS clamps on TW blocks on walls including cost and conveyance of all materials and labour charges complete for finished item of work. (28 mm dia)	Rmt	10.00	20.00	10.00	100.00	30.00	60.00	10.00	15.00	50.00	5.00	30.00	340.00
300-9	Supply of polythilin storage tank double layer conforming to IS:12701-1996 with lid	Its	1000.00	1000.00	500.00	1000.00	500.00	1000.00	500.00	500.00	500.00	500.00	1000.00	8000.00
400-Electrification														
400-1	Supply and fixing of 25 mm dia 1.5 mm thick PVC pipe (ISI Mark) concealed in wall with all required accessories including masonry work and labour charges etc..complete.	Rmt	100.00	100.00	60.00	100	100	100.00	100.00	100.00	100.00	100	100	1060.00

SI. No	Description of Item		Name of School										Total Qty	
			RP Line	MD MP	Sri Rama Spl	Mother Teresa	Sri Satyanarayana Spl	Ramarao Peta	Sarada	Sri venkateswara	BP Special	Hindu		MCP Pagoda
400-2	Wiring with 2 runs of 14/03 mm(1.0 sq.mm) fire retardent (F.R) PVC insulated flexible copper cable (ISI Mark) is existing pipe with 6 modular switch celing rose and 6 modular covering t switch control box including all labour charges etc..	Each	30.00	30.00	25.00	30	30	30.00	30.00	30.00	30.00	30	30	325.00
400-3	Supply and run of 1 of 14 /0.3mm (1.0 Sq.mm) FR P.V.C. insulated flexible copper cable in existing pipe for earth continuity including Cost and Conveyance of all the materials and all labour charges etc.. complete.	Rmt	100.00	100.00	100.00	100	100	100.00	100.00	100.00	100.00	100	100	1100.00
400-4	Supply and run of 2 of 36x0.3 MM(2.5 Sq.mm) FR PVC insulated flexible copper cable in Existing pipe for mains including all labour charges etc..complete	Rmt	60.00	60.00	40.00	60	60	60.00	60.00	60.00	60.00	60	60	640.00
400-5	Supply and fixing of 16A 3pin / 6A 3pin plug socket with indicator lamp and 16Amps fuse unit and 16 Amps switch control (5 in one) on decolam sheet covered board including earth connection Cost and conveyance of all the materials and all labour charges etc., complete on wall.	Each	14.00	14.00	10.00	14	14	14.00	14.00	14.00	14.00	14	14	150.00
400-6	Supply of 1x40 W patti type tubelights luminaire with copper choke starter and tubelight etc..complete Fixing of 40W tube light luminaire on wall / Ceiling with / TW round blocks with all accessories including giving connections and Cost and conveyance of all the materials and all labour charges etc., complete.	Each	28.00	28.00	20.00	28	28	28.00	28.00	28.00	28.00	28	28	300.00
400-7	Supply and run of 2 of 56/0.3 MM(4 Sq.mm) FR PVC insulated flexible copper cable in Existing pipe for mains including all labour charges etc..complete	Rmt	60.00	60.00	30.00	60	60	60.00	60.00	60.00	60.00	60	60	630.00
400-8	Supply and fixing of 20AMPS Metal clab AC DB with 20 Amps MCB& Metal clad top	Each	2.00	1.00	1.00	2	1	2.00	1.00	1.00	1.00	1	1	14.00