Section 3. Financial Proposal (Price Schedule) - Standard Forms

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Preamble

General

1. The Price Schedules are divided into separate Schedules as follows:

    1.1 Financial Proposal Submission Form

    1.2 Grand Summary Cost Table

    1.3 Supply and Installation Cost Summary Table

    1.4 Recurrent Cost Summary Table

    1.5 Supply and Installation Cost Sub-Table(s)

    1.6 Recurrent Cost Sub-Tables(s)

    1.7 Deviation Cost Table

2. The Schedules do not generally give a full description of the information technologies to be supplied, installed, and operationally accepted, or the Services to be performed under each item. However, it is assumed that Bidders shall have read the Technical Requirements and other sections of these RFP Documents to ascertain the full scope of the requirements associated with each item prior to filling in the rates and prices. The quoted rates and prices shall be deemed to cover the full scope of these Technical Requirements, as well as overhead and profit.

3. If Bidders are unclear or uncertain as to the scope of any item, they shall seek clarification in accordance with the Instructions to Bidders in the RFP Documents prior to submitting their bid.

Pricing

4. Prices shall be filled in indelible ink, and any alterations necessary due to errors, etc., shall be initialled by the Bidder. As specified in the Bid Data Sheet, prices shall be fixed and firm for the duration of the Contract.

5. Bid prices shall be quoted in the manner indicated and in the currencies specified in ITB Clause 18. Prices must correspond to items of the scope and quality defined in the Technical Requirements or elsewhere in these RFP Documents.

6. The Bidder must exercise great care in preparing its calculations, since there is no opportunity to correct errors once the deadline for submission of bids has passed. A single error in specifying a unit price can therefore change a Bidder's overall total bid price substantially, make the bid non-competitive, or subject the Bidder to possible loss. The Client will correct any arithmetic error in accordance with the provisions of ITB Clause 31.

7. Payments will be made to the Bidder in the currency or currencies indicated under each respective item. The price of an item should be unique regardless of installation site.

1.1 Financial Proposal Submission Form

[Location]

[Date]

To

Chief Executive Officer
Bhubaneswar Smart City Limited,
2nd Floor, Block – 1, BMC Bhawani Office Complex,
Saheed Nagar, Bhubaneswar – 751 007,
Odisha

Dear Sir,

Subject: Master System Integration Services for [name of assignment].

We, the undersigned, offer to provide the Master System Integration services for [name of assignment] in accordance with your Request for Proposal dated [date] and our Proposal. Our attached Financial Proposal is for the sum of [amount(s) in words and figures].

Our Financial Proposal shall be binding upon us subject to the modifications resulting from arithmetic correction, if any, up to expiration of the validity period of the Proposal, i.e. [date].

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".

We understand you are not bound to accept any Proposal you receive.

We remain,

Yours sincerely,

Authorized Signature [In full and initials]:

Name and Title of Signatory:

Name of Firm:

Address:

1.2 Grand Summary Cost Table

S. No	Description	Price (INR)
1.	Supply and Installation Costs (from Supply and Installation Cost Summary Table)	
2.	Recurrent Costs (from Recurrent Cost Summary Table)	
3.	Grand Totals (to Bid Submission Form)	

Name of Bidder:	
Authorized Signature of Bidder:	

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1.3 Supply and Installation Cost Summary Table

System or Subsystem number ***"Entire System procurement" [as necessary for supply, installation, and achieving Operational Acceptance of the System, specify items in the Table below, modifying, deleting, or expanding the sample line items and sample table entries as needed.]***

S. No	Subsystems / Items	Description	Supply & Installation Prices	
			Locally supplied items	Items supplied from outside the Client's Country
			INR Price	***INR*** Price
1.	Smart Traffic Management System	From Supply and Installation Cost Sub-Table 1		
2.	Smart Tracking System	From Supply and Installation Cost Sub-Table 1		
3.	Smart Parking Management System	From Supply and Installation Cost Sub-Table 1		
4.	Smart Response and Incident Management System	From Supply and Installation Cost Sub-Table 1		
5.	Smart Governance and Smart Connect	From Supply and Installation Cost Sub-Table 1		
6.	Communications Network	From Supply and Installation Cost Sub-Table 1		
7.	ICOMC	From Supply and Installation Cost Sub-Table 1		
8.	Other Items	From Supply and Installation Cost Sub-Table 1		

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S. No	Subsystems / Items	Description	Supply & Installation Prices	
			Locally supplied items	Items supplied from outside the Client's Country
			INR Price	***INR*** Price
9.	Deviation Cost	From Deviation Cost Table		
Grand Total				

Name of Bidder:	
Authorized Signature of Bidder:	

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1.4 Recurrent Cost Summary Table

System or Subsystem number: **"*Entire System procurement*"** *[as necessary for the operation of the System, specify items in the Table below, modifying the sample line items and sample table entries as needed.]*

S. No.	Subsystems / Items	Recurrent Cost Sub-Table No.	Price (INR)
1	Smart Traffic Management System		
2	Smart Tracking System		
3	Smart Parking Management System		
4	Smart Response and Incident Management System		
5	Smart Governance and Smart Connect		
6	Communications Network		
7	ICOMC		
8	Connectivity Cost from various Sub-Systems		
9	Manpower Requirement		
10	Other Items		
Sub-Total (A)			
Revenue from Wi-Fi Monetization (B)			
Revenue from Fibre Monetization (C)			
Grand Total (A – (B + C))			

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Note: Refer to the relevant Recurrent Cost Sub-Tables for the specific components that constitute the Subsystem or line item in this summary table.

Name of Bidder:	
Authorized Signature of Bidder:	

1.5 Supply and Installation Cost Sub-Table 1

System or Subsystem number: ***"Entire System procurement"***

Line item number: ***[specify: relevant line item number from the Supply and Installation Cost Summary Table (e.g., 1.1)]***

[as necessary for supply, installation, and achieving Operational Acceptance of the System, specify: the detailed components and quantities in the Sub-Table below for the line item specified above, modifying the sample components and sample table entries as needed. Repeat the Sub-Table as needed to cover each and every line item in the Supply and Installation Cost Summary Table that requires elaboration.]

Unit prices for the same item appearing several times in the table must be identical in amount and currency.

S. No.	Subsystems / Items	Unit of Measurement	Make & Model	Quantity exclusive of spares/ consumables	Unit Price		Total Price		Taxes and Duties				Total Supply + Installation Prices (including all taxes & duties)
					Supply	Installation / services	Supply	Installation / Services	Customs/ Excise Duty	VAT	Service Tax	Any other taxes/ duties	
					INR	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*
					Price	Price	Price	Price	Price	Price	Price	Price	Price
Smart Traffic Management System													
A	**Traffic Violation Detection System**												
1	TVDS Camera System including ANPR - Type 1	Per Set (one traffic lanes)		12									
2	TVDS Camera System including ANPR - Type 2	Per Set (two traffic lanes)		33									
3	TVDS Camera System including ANPR - Type 3	Per Set (three traffic lanes)		40									
4	TVDS Camera System including ANPR - Type 4	Per Set (four traffic lanes)		8									
5	Overview Camera	Per Approach		93									

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S. No.	Subsystems / Items	Unit of Measurement	Make & Model	Quantity exclusive of spares/ consumables	Unit Price		Total Price		Taxes and Duties				Total Supply + Installation Prices (including all taxes & duties)
					Supply	Installation / services	Supply	Installation / Services	Customs/ Excise Duty	VAT	Service Tax	Any other taxes/ duties	
					INR	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*
					Price	Price	Price	Price	Price	Price	Price	Price	Price
6	TVDS Local Processing Unit	Per Intersection		25									
7	Red Light Violation Detection (RLVD) Sensor	Per Leg		93									
8	TVDS Workstation	Nos.		2									
9	TVDS Server (As per Bidder's Solution)	Set											
10	TVDS Mounting Structure (As per Bidder's Solution)	Set											
11	TVDS Software	Nos.		1									
12	UPS for TVDS (As per Bidder's Solution)	Set											
B	**Automatic Traffic Counter and Classifier (ATCC)**												
1	ATCC Sensor-Type 1	Per Set (One traffic lanes)		12									
2	ATCC Sensor-Type 2	Per Set (two traffic lanes)		33									
3	ATCC Sensor-Type 3	Per Set (three traffic lanes)		40									

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S. No.	Subsystems / Items	Unit of Measurement	Make & Model	Quantity exclusive of spares/ consumables	Unit Price		Total Price		Taxes and Duties				Total Supply + Installation Prices (including all taxes & duties)
					Supply	Installation / services	Supply	Installation / Services	Customs/ Excise Duty	VAT	Service Tax	Any other taxes/ duties	
					INR	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*
					Price	Price	Price	Price	Price	Price	Price	Price	Price
4	ATCC Sensor-Type 4	Per Set (four traffic lanes)		8									
5	ATCC Workstation	Nos.		1									
6	ATCC Server (As per Bidder's Solution)	Set											
7	ATCC Mounting Structure (As per Bidder's Solution)	Set											
8	ATCC Software	Nos.		1									
9	UPS for ATCC (As per Bidder's Solution)	Set											
C	**Public Address System (PAS)**												
1	PAS Speakers	Nos.		414									
2	Ambient Noise Sensor	Nos.		207									
3	VoIP/Amplifier with Built-in DSP	Nos.		58									
4	PAS Operator Console	Nos.		1									
5	PAS Workstation	Nos.		1									
6	PAS Server	Set											
7	PAS Software	Nos.		1									
8	UPS for PAS (As per Bidder's Solution)	Set											

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S. No.	Subsystems / Items	Unit of Measurement	Make & Model	Quantity exclusive of spares/ consumables	Unit Price		Total Price		Taxes and Duties				Total Supply + Installation Prices (including all taxes & duties)
					Supply	Installation / services	Supply	Installation / Services	Customs/ Excise Duty	VAT	Service Tax	Any other taxes/ duties	
					INR	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*
					Price	Price	Price	Price	Price	Price	Price	Price	Price
D	**Dynamic Message Sign (DMS)**												
1	Dynamic Message Sign (DMS) with Controller	Nos.		20									
2	DMS Workstation	Nos.		1									
3	DMS Mounting Structure	Nos.		20									
4	UPS for DMS (As per Bidder's Solution)	Set											
E	**e-Challan System**												
1	e-Challan Application with Server, Database and Other Accessories	Nos.		1									
2	Field Device for e-Challan System	Nos.		30									
F	**Traffic Accident Recording System (TARS)**												
1	TARS Application with Server, Database and Other Accessories	Nos.		1									
2	Field Device for Recording Accident	Nos.		10									
F	**Other Hardware**												
1	Cabinets (As per Bidder's Solution)	Set											
2	Any other Hardware or Software required to meet the RFP requirements of Smart Traffic Management System (Bidder to list individual items and provide costing).	Set											

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S. No.	Subsystems / Items	Unit of Measurement	Make & Model	Quantity exclusive of spares/ consumables	Unit Price		Total Price		Taxes and Duties				Total Supply + Installation Prices (including all taxes & duties)
					Supply	Installation / services	Supply	Installation / Services	Customs/ Excise Duty	VAT	Service Tax	Any other taxes/ duties	
					INR	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*
					Price	Price	Price	Price	Price	Price	Price	Price	Price
Smart Tracking System													
A	**Automatic Vehicle Location (AVL) System**												
1	Smart Tracking Application with servers and database as per Bidder's Solution	Nos.		1									
2	Type I Workstation	Nos.		10									
3	Additional Workstation Monitor	Nos.		10									
B	**OBITS Hardware**												
1	OBU-1 for BPTSL Buses	Nos.		200									
2	OBU-2 for Emergency Vehicles												
2.1	Police Vehicles	Nos.		40									
2.2	PCR Vans	Nos.		33									
2.3	Fire Trucks	Nos.		20									
2.4	Government Ambulances	Nos.		15									
3	OBU-3 for Municipal Vehicles												
3.1	Solid Waste Vehicles	Nos.		150									
3.2	Government Water Tankers	Nos.		20									
3.3	Private Water Tankers Under Govt. Contract	Nos.		10									
4	3G/GPRS enabled SIM Cards	Nos.		488									

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S. No.	Subsystems / Items	Unit of Measurement	Make & Model	Quantity exclusive of spares/ consumables	Unit Price		Total Price		Taxes and Duties				Total Supply + Installation Prices (including all taxes & duties)
					Supply	Installation / services	Supply	Installation / Services	Customs/ Excise Duty	VAT	Service Tax	Any other taxes/ duties	
					INR	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*
					Price	Price	Price	Price	Price	Price	Price	Price	Price
C	**Passenger Information System (PIS)**												
1	PIS Application	Nos.		1									
2	19" size of Passenger Information Display at Bus Stations + UPS	Nos.		30									
3	55" size of Passenger Information Display at Terminal/Interchange + UPS	Nos.		5									
4	UPS-PIS (As per Bidder's Solution)	Nos.		35									
D	**Electronic Ticketing**												
1	ETM Application with Servers and Database	Nos.		1									
2	Handheld ticketing machine compliant with Common Payment System (CPS) requirements and inclusive of all related accessories, software to meet the requirements	Nos.		440									
3	3G/GPRS enabled SIM Cards	Nos.		440									
4	Workstation Type-I - ICOMC	Nos.		3									
5	Workstation Type-III - ETM Cashup	Nos.		2									
6	Printer - Cashup	Nos.		2									
E	**Transit Management System**												
1	Scheduling software inclusive of Servers, Database and Other Accessories	Nos.		1									

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S. No.	Subsystems / Items	Unit of Measurement	Make & Model	Quantity exclusive of spares/ consumables	Unit Price		Total Price		Taxes and Duties				Total Supply + Installation Prices (including all taxes & duties)
					Supply	Installation / services	Supply	Installation / Services	Customs/ Excise Duty	VAT	Service Tax	Any other taxes/ duties	
					INR	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*
					Price	Price	Price	Price	Price	Price	Price	Price	Price
F	**Other Requirements**												
1	Any other Hardware or Software required to meet the RFP requirements of Smart Tracking System (Bidder to list individual items and provide costing).	Set											
Smart Parking Management System													
A	**Off-street PMS Components**												
1	Entry/Exit Boom Barrier Gate	Nos.		18									
2	Entry Ticket Dispenser/Smart Card Reader/QR Code Unit	Nos.		9									
3	Entry/Exit Fixed CCTV Cameras	Nos.		18									
4	Exit Ticket Swallow/Smart Card Reader/QR Code Unit	Nos.		9									
5	Payment Workstation	Nos.		9									
6	Thermal Receipt Printer	Nos.		9									
7	Barcode Reader	Nos.		9									
8	Parking Occupancy Sensors	Nos.		1500									
9	Parking Guidance Signal	Nos.		120									
10	Parking Controller	Nos.		6									
11	Parking Availability Display Board Per Floor - Type A	Nos.		3									

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S. No.	Subsystems / Items	Unit of Measurement	Make & Model	Quantity exclusive of spares/ consumables	Unit Price		Total Price		Taxes and Duties				Total Supply + Installation Prices (including all taxes & duties)
					Supply	Installation / services	Supply	Installation / Services	Customs/ Excise Duty	VAT	Service Tax	Any other taxes/ duties	
					INR	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*
					Price	Price	Price	Price	Price	Price	Price	Price	Price
12	Parking Availability Display Board at Entry - Type B	Nos.		24									
13	MLCP Local Server and accessories	Nos.		3									
14	Server Racks	Nos.		3									
15	UPS-MLCP (As per Bidder's Solution)	Set											
B	**On-street PMS Components**												
1	Camera Based Sensors	Nos.		500									
2	Handheld Terminal (POS)	Nos.		250									
3	GSM/GPRS connectivity from Handheld to ICOMC	Nos.		250									
4	UPS-PMS (As per Bidder's Solution)	Set											
C	**Parking Management System (Central)**												
1	PMS Application Software for MLCP and On-Street	Nos.		1									
2	PMS Workstation	Nos.		1									
3	Parking Mobile Application	Nos.		1									
4	Commuter Portal Integration with Bhubaneswar One	Nos.		1									
5	e-Challan and RTO integration	Nos.		1									
6	PMS Server (As per Bidder's Solution)	Set											

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S. No.	Subsystems / Items	Unit of Measurement	Make & Model	Quantity exclusive of spares/ consumables	Unit Price		Total Price		Taxes and Duties				Total Supply + Installation Prices (including all taxes & duties)
					Supply	Installation / services	Supply	Installation / Services	Customs/ Excise Duty	VAT	Service Tax	Any other taxes/ duties	
					INR	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*
					Price	Price	Price	Price	Price	Price	Price	Price	Price
D	**Other Requirements**												
1	Any other Hardware or Software required to meet the RFP requirements of Smart Parking Management System (Bidder to list individual items and provide costing).	Set											
Smart Response and Incident Management System													
A	**Surveillance System**												
1	CCTV - Fixed	Nos.		850									
2	CCTV - PTZ	Nos.		150									
3	Network Video Recorder (As Per Bidder Solution)	Set											
4	Video Management System (VMS) including Central Application	Nos.		1									
5	PTZ Keyboard with joystick	Nos.		10									
B	**Other Requirements**												
1	Any other Hardware or Software required to meet the RFP requirements of Smart Response and Incident Management System (Bidder to list individual items and provide costing).	Set											

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S. No.	Subsystems / Items	Unit of Measurement	Make & Model	Quantity exclusive of spares/ consumables	Unit Price		Total Price		Taxes and Duties				Total Supply + Installation Prices (including all taxes & duties)
					Supply	Installation / services	Supply	Installation / Services	Customs/ Excise Duty	VAT	Service Tax	Any other taxes/ duties	
					INR	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*
					Price	Price	Price	Price	Price	Price	Price	Price	Price
Smart Governance and Smart Connect													
A	**e-Governance**												
1	Website	Set											
2	Citizen Facilitation Centre (CFC)-Hardware	Set											
3	Citizen Portal	Set											
4	Birth and Death Certificate	Set											
5	Trade Licensing	Set											
6	Right to Information (RTI)	Set											
7	Legal	Set											
8	Welfare Schemes	Set											
9	Building Plan Approval	Set											
10	Property and Holding Tax	Set											
11	Grievance/Complaint Redressal	Set											
12	Mobile Application	Set											
13	Web Based GIS	Set											
14	ArcGIS Desktop License 10.5 or Higher	Nos.		2									
15	ArcGIS online license	Nos.		1									
16	KPIs and Dashboard	Set											
17	Data Migration	Set											

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S. No.	Subsystems / Items	Unit of Measurement	Make & Model	Quantity exclusive of spares/ consumables	Unit Price		Total Price		Taxes and Duties				Total Supply + Installation Prices (including all taxes & duties)
					Supply	Installation / services	Supply	Installation / Services	Customs/ Excise Duty	VAT	Service Tax	Any other taxes/ duties	
					INR	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*
					Price	Price	Price	Price	Price	Price	Price	Price	Price
18	Any other Hardware or Software required to meet the RFP requirements of e-Governance Modules (Bidder to list individual items and provide costing).	Set											
B	**ERP**												
1	Revenue from Property Taxes, Land Leases & Other services	Set											
2	Finance and Management Accounting	Set											
3	Purchasing & Inventory Management	Set											
4	e-Procurement	Set											
5	Contracts Management	Set											
6	Operations, Maintenance and Asset Lifecycle Management	Set											
7	Projects and Works Management	Set											
8	HR and Payroll System	Set											
9	Water Utility Management and Billing	Set											
10	Electrical Utility Management and Billing	Set											
11	Foundation Layer (Including Middleware, SOA,BPM, single sign	Set											

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S. No.	Subsystems / Items	Unit of Measurement	Make & Model	Quantity exclusive of spares/ consumables	Unit Price		Total Price		Taxes and Duties				Total Supply + Installation Prices (including all taxes & duties)
					Supply	Installation / services	Supply	Installation / Services	Customs/ Excise Duty	VAT	Service Tax	Any other taxes/ duties	
					INR	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*
					Price	Price	Price	Price	Price	Price	Price	Price	Price
	on and integration with LDAP)												
12	Enterprise Content Management (ECM) System/ Document Management System	Set											
13	Integration and Interfaces	Set											
14	Data Migration	Set											
15	Any other Hardware or Software required to meet the RFP requirements of ERP Modules (Bidder to list individual items and provide costing).	Set											
C	**Solid Waste Management System**												
1	RFID Reader	Nos.		152									
2	RFID Tag	Nos.		350									
3	Bin Volume Sensors	Nos.		350									
4	Sensor Processing Unit	Nos.		350									
5	Static Weigh Bridge (SWB)	Nos.		2									
6	Barrier Gate	Nos.		2									
7	ANPR Cameras	Nos.		2									
8	CCTV - Fixed	Nos.		2									
9	CCTV - PTZ	Nos.		2									
10	SWM Workstation	Nos.		2									

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S. No.	Subsystems / Items	Unit of Measurement	Make & Model	Quantity exclusive of spares/ consumables	Unit Price		Total Price		Taxes and Duties				Total Supply + Installation Prices (including all taxes & duties)
					Supply	Installation / services	Supply	Installation / Services	Customs/ Excise Duty	VAT	Service Tax	Any other taxes/ duties	
					INR	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*
					Price	Price	Price	Price	Price	Price	Price	Price	Price
12	Any other Hardware or Software required to meet the RFP requirements of Solid Waste Management System (Bidder to list individual items and provide costing).	Set											
D	**Multi-Services Digital Kiosks**												
1	Integrated Multi-Services Digital Kiosks	Nos.		150									
2	Stand-alone Multi-Services Digital Kiosks	Nos.		50									
3	Any other Hardware or Software required to meet the RFP requirements of Multi-Services Digital Kiosks (Bidder to list individual items and provide costing).	Set											
E	**Education and Healthcare Management**												
1	Smart Classroom Solution including all Hardware and Software	Set											
2	Early Childhood Care Centres (E3C) including all Hardware and Software	Set											
3	e-Primary Healthcare System including all Hardware and Software	Set											
4	Upgradation of existing Auxiliary Nurse Midwife (ANM) sub-centre	Set											

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S. No.	Subsystems / Items	Unit of Measurement	Make & Model	Quantity exclusive of spares/ consumables	Unit Price		Total Price		Taxes and Duties				Total Supply + Installation Prices (including all taxes & duties)
					Supply	Installation / services	Supply	Installation / Services	Customs/ Excise Duty	VAT	Service Tax	Any other taxes/ duties	
					INR	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*
					Price	Price	Price	Price	Price	Price	Price	Price	Price
F	Any other Hardware or Software required to meet the RFP requirements of Multi-Services Digital Kiosks (Bidder to list individual items and provide costing).												
1	Any other Hardware or Software required to meet the RFP requirements of Smart Governance and Smart Connect (Bidder to list individual items and provide costing).	Set											
Communications Network													
A	**Fibre Optic Infrastructure including Network Electronics**												
1	HDPE Duct												
1.1	Set of 4x40mm inside one HDPE outersleeve	Mtrs.		480,000									
1.2	1x20mm	Mtrs.		200,000									
2	Trenching	Mtrs.		680,000									
3	Handhole with Cover	Nos.		2,267									
4	Manhole	Nos.		340									
5	Fibre Optic Cable (FOC)												
5.1	48 Count FOC	Mtrs.		480,000									
5.2	12 Count FOC	Mtrs.		200,000									
6	UTP Cat 6 Armoured Cable (As per Bidder's Solution)	Set											
7	Fibre Optic Splice Closure (FOSC)	Nos.		340									
8	Optical Connectors (As per Bidder's	Set											

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S. No.	Subsystems / Items	Unit of Measurement	Make & Model	Quantity exclusive of spares/ consumables	Unit Price		Total Price		Taxes and Duties				Total Supply + Installation Prices (including all taxes & duties)
					Supply	Installation / services	Supply	Installation / Services	Customs/ Excise Duty	VAT	Service Tax	Any other taxes/ duties	
					INR	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*
					Price	Price	Price	Price	Price	Price	Price	Price	Price
	Solution)												
9	Fibre Optic Patch Cords (As per Bidder's Solution)	Set											
10	Fibre Distribution Management System (FDMS)	Nos.		7									
11	Fibre Termination Panel (FTP)												
11.1	48 Count FTP	Nos.		7									
11.2	12 Count FTP	Nos.		2,000									
12	Intelligent Patch Panel Management Hardware with Software (As per Bidder's Solution)	Set											
13	Communication Cabinets with Racks	Nos.		25									
14	Junction Boxes	Nos.		2,000									
15	Ethernet Switch and Router												
15.1	Layer 2 - Type I: Industrial Grade Field Switch	Nos.		2,000									
15.2	Layer 3 - Type I: Backbone Ethernet Switch/Router	Nos.		35									
15.3	Layer 3 - Type II: Core Router and Internet Router	Nos.		4									
15.4	Layer 3 - Type III: Server/Workstation Connectivity Ethernet Switch	Nos.		7									

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S. No.	Subsystems / Items	Unit of Measurement	Make & Model	Quantity exclusive of spares/ consumables	Unit Price		Total Price		Taxes and Duties				Total Supply + Installation Prices (including all taxes & duties)
					Supply	Installation / services	Supply	Installation / Services	Customs/ Excise Duty	VAT	Service Tax	Any other taxes/ duties	
					INR	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*
					Price	Price	Price	Price	Price	Price	Price	Price	Price
16	Media Converter (As per Bidder's Solution)	Set											
17	Wireless Gateway	Nos.		5									
18	Fibre Asset Management System	Set											
19	Network Management System (NMS)	Nos.		1									
20	Enterprise Management System (EMS) including Helpdesk	Set											
21	Rodent Repellent System	Set											
22	Any other Hardware or Software required to meet the RFP requirements of Fibre Optic Infrastructure including Network Electronics (Bidder to list individual items and provide costing).	Set											
B	**City Wide Wi-Fi System**												
1	Wi-Fi Access Point with Controller	Nos.		1800									
2	Wi-Fi Management System	Nos.		1									
3	Wi-Fi Server	Set											
4	Any other Hardware or Software required to meet the RFP requirements of City Wi-Fi System (Bidder to list individual items and	Set											

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S. No.	Subsystems / Items	Unit of Measurement	Make & Model	Quantity exclusive of spares/ consumables	Unit Price		Total Price		Taxes and Duties				Total Supply + Installation Prices (including all taxes & duties)
					Supply	Installation / services	Supply	Installation / Services	Customs/ Excise Duty	VAT	Service Tax	Any other taxes/ duties	
					INR	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*
					Price	Price	Price	Price	Price	Price	Price	Price	Price
	provide costing).												
C	**Environmental Monitoring System**												
1	Environmental Sensors-Hardware and Software	Nos.		4									
2	Digital Display Screen (DDS)	Nos.		2									
3	Any other Hardware or Software required to meet the RFP requirements of Environmental Monitoring System (Bidder to list individual items and provide costing).	Set											
D	**Smart Poles**												
1	Smart Poles	Nos.		20									
2	Any other Hardware or Software required to meet the RFP requirements of Smart Poles (Bidder to list individual items and provide costing).	Set											
E	**Other Requirements**												
1	Any other Hardware or Software required to meet the RFP requirements of Communication Network (Bidder to list individual items and provide costing).	Set											

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S. No.	Subsystems / Items	Unit of Measurement	Make & Model	Quantity exclusive of spares/ consumables	Unit Price		Total Price		Taxes and Duties				Total Supply + Installation Prices (including all taxes & duties)
					Supply	Installation / services	Supply	Installation / Services	Customs/ Excise Duty	VAT	Service Tax	Any other taxes/ duties	
					INR	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*
					Price	Price	Price	Price	Price	Price	Price	Price	Price
ICOMC													
A	**Command and Control Centre**												
1	16 x 4 Video Wall Cubes with Controller (70" each)	Nos.		1									
2	3 x 2 Video Wall Cubes with Controller (70" each)	Nos.		3									
3	Display Content Management System (DCMS) or Video Wall Management System	Nos.		1									
4	70" Monitor Display	Nos.		12									
5	Collaboration System	Nos.		5									
6	Teleconference Phone with Speakers	Nos.		17									
7	Video Conferencing System	Nos.		5									
8	Other Monitors (24")	Nos.		40									
9	Ceiling Speakers	Nos.		120									
10	Room Control System including Panel	Nos.		9									
11	Operator Console	Nos.		40									
12	Operator Workstations	Nos.		20									
13	Task Lights	Nos.		138									
14	Multi-Functional Printers including	Nos.		2									

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S. No.	Subsystems / Items	Unit of Measurement	Make & Model	Quantity exclusive of spares/ consumables	Unit Price		Total Price		Taxes and Duties				Total Supply + Installation Prices (including all taxes & duties)
					Supply	Installation / services	Supply	Installation / Services	Customs/ Excise Duty	VAT	Service Tax	Any other taxes/ duties	
					INR	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*
					Price	Price	Price	Price	Price	Price	Price	Price	Price
	Scanner												
15	Contact Centre Solution (For Helpdesk)	Set											
16	Network Time Protocol based Digital Clock	Nos.		2									
17	Matrix Switcher	Nos.		5									
18	Wireless Microphone System	Nos.		2									
19	Audio Processor (As per Bidder's Solution)	Set											
20	Audio Distribution Amplifier (As per Bidder's Solution)	Set											
21	Audio Extractor (As per Bidder's Solution)	Set											
22	Distribution Amplifier (As per Bidder's Solution)	Set											
23	AV Auto Switcher	Nos.		5									
24	USB KVM Extender	Nos.		20									
25	Communication Cabinets with Racks (As per Bidder's Solution)	Set											
26	Local On-Site Server (As per Bidder's Solution)	Set											
27	Smart City Platform	Set											
28	ICOMC Civil Works including	Sqft.		50,000									

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S. No.	Subsystems / Items	Unit of Measurement	Make & Model	Quantity exclusive of spares/ consumables	Unit Price		Total Price		Taxes and Duties				Total Supply + Installation Prices (including all taxes & duties)
					Supply	Installation / services	Supply	Installation / Services	Customs/ Excise Duty	VAT	Service Tax	Any other taxes/ duties	
					INR	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*
					Price	Price	Price	Price	Price	Price	Price	Price	Price
	interiors, electrical, mechanical, structural, communications, fire, etc.												
29	Fire Detection and Suppression System (In ICOMC, Operations Rooms & Rach Room)	Set											
30	CCTV System (In ICOMC, Operations Rooms & Rack Room)	Set											
31	Access Control System (In ICOMC, Operations Rooms & Rack Room)	Set											
32	Water Leak Detection System (In ICOMC, Operations Rooms & Rack Room)	Set											
33	Rodent Repellent System(In ICOMC, Operations Rooms & Rack Room)	Set											
34	Operation Area: Operator Desk, Chair and Storage	Nos.		115									
35	Large Board Room - 20 seater	Nos.		1									
36	Board Room - 12 Seater	Nos.		4									
37	Cabins - 3 Seater	Nos.		18									
38	Setting up of temporary command & control centre	Set											
39	Dismantling and relocation of temporary command & control centre	Set											

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S. No.	Subsystems / Items	Unit of Measurement	Make & Model	Quantity exclusive of spares/ consumables	Unit Price		Total Price		Taxes and Duties				Total Supply + Installation Prices (including all taxes & duties)
					Supply	Installation / services	Supply	Installation / Services	Customs/ Excise Duty	VAT	Service Tax	Any other taxes/ duties	
					INR	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*
					Price	Price	Price	Price	Price	Price	Price	Price	Price
	to permanent location												
40	Any other Hardware or Software required to meet the RFP requirements of Command and Control Centre (Bidder to list individual items and provide costing).	Set											
B	**Building Management System (BMS)**												
1	Building Management System (BMS)	Set											
2	Any other Hardware or Software required to meet the RFP requirements of BMS (Bidder to list individual items and provide costing).	Set											
C	**GIS Platform**												
1	GIS Platform	Set											
2	Any other Hardware or Software required to meet the RFP requirements of GIS Platform (Bidder to list individual items and provide costing).	Set											
D	**Data Hosting**												
1	WAN/Internet Router (As per Bidder's Solution)	Set											
2	Data Centre TOR (Top of the Rack)	Set											

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S. No.	Subsystems / Items	Unit of Measurement	Make & Model	Quantity exclusive of spares/ consumables	Unit Price		Total Price		Taxes and Duties				Total Supply + Installation Prices (including all taxes & duties)
					Supply	Installation / services	Supply	Installation / Services	Customs/ Excise Duty	VAT	Service Tax	Any other taxes/ duties	
					INR	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*
					Price	Price	Price	Price	Price	Price	Price	Price	Price
	Switch (As per Bidder's Solution)												
3	Servers (As per Bidder's Solution)	Set											
4	Blade Chassis (As per Bidder's Solution)	Set											
5	Primary Storage (As per Bidder's Solution)	Set											
6	Secondary Storage (As per Bidder's Solution)	Set											
7	KVM Switch (As per Bidder's Solution)	Set											
8	Server Load Balancer (As per Bidder's Solution)	Set											
9	Tape Library (As per Bidder's Solution)	Set											
10	Fire Proof Enclosure (As per Bidder's Solution)	Set											
11	Any other Hardware or Software required to meet the RFP requirements of Data Hosting (Bidder to list individual items and provide costing).	Set											
E	**IT Infrastructure**												
1	Antivirus	Set											

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S. No.	Subsystems / Items	Unit of Measurement	Make & Model	Quantity exclusive of spares/ consumables	Unit Price		Total Price		Taxes and Duties				Total Supply + Installation Prices (including all taxes & duties)
					Supply	Installation / services	Supply	Installation / Services	Customs/ Excise Duty	VAT	Service Tax	Any other taxes/ duties	
					INR	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*	*INR*
					Price	Price	Price	Price	Price	Price	Price	Price	Price
2	Firewall, Web Application, UTM, DDOS, Advanced Persistent Threat Solution	Set											
3	Databases	Set											
4	Link Load Balancer	Set											
5	Server Load Balancer	Set											
6	Any other Hardware or Software required to meet the RFP requirements of IT Infrastructure (Bidder to list individual items and provide costing).	Set											
F	**Other Requirements**												
1	Any other Hardware or Software required to meet the RFP requirements of ICOMC (Bidder to list individual items and provide costing).	Set											
								TOTAL CAPEX					

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Notes:

1. *No variation shall be provided for items which are identified as LS, Set, As per Bidder's Solution.*
2. *The Bidder shall optimize the servers, storage, UPS, Cabinets and Poles required for various sub-systems as per their Solution without affecting the performance and service levels.*

3. *Any item/ material either hardware or software required to meet the functionality specified in the tender document whose related component is missing in the above table has to be accounted by the Bidder and the cost of the same is assumed to be reflected and taken care in the cost specified to the Client by the Bidder in the financial bid. The Client is liable only to pay the Contract costs as per the payment terms mentioned to the Bidder to meet all the requirements as specified in the bidding documents.*
4. *The Bidder has to modify the above indicative table and make a comprehensive list of System inventory table by including the components which the Bidder might think are relevant based on the Bidders design to meet all the bid requirements indicating the costs of the same in the financial bid.*
5. *The Bidder shall assess the quantity of spares/ consumables to meet the SLA clause mentioned in the bidding documents and shall quote the cost and quantity of spares/consumables. The evaluation will take the total cost incurred for the Client inclusive of spares/ consumables while evaluating the bids. Any item not quoted by the Bidder, shall be provided free of cost if it is found necessary to fulfil the bidding requirements during the currency of the contract.*
6. *The evaluation will take the total cost incurred for the Client inclusive of spares/ consumables while evaluating the bids which is to be included by the Bidder in the Contract cost itself.*
7. *The Contract Cost shall be inclusive of all the installation, commissioning, testing and any other costs that might be incurred by the Bidder during the duration of the contract.*
8. *The Client has the right to increase decrease the quantities and the Supply & Installation costs will be adjusted as per the unit costs indicated above.*

Name of Bidder:	
Authorized Signature of Bidder:	

1.6 Recurrent Cost Sub-Table 2

Lot number: ***"Single lot procurement"***

Line item number: ***[specify: relevant line item number from the Recurrent Cost Summary Table (e.g., z.1)]***

Currency: ***[specify: the currency of the Recurrent Costs in which the costs expressed in this Sub-Table are expressed]***

[as necessary for operation of the System, specify: the detailed components and quantities in the Sub-Table below for the line item specified above, modifying the sample components and sample table entries as needed. Repeat the Sub-Table as needed to cover each and every line item in the Recurrent Cost Summary Table that requires elaboration.]

Unit prices for the same item appearing several times in the table must be identical in amount and currency.

S. No.	Subsystems / Items	Year 1 (INR)	Year 2 (INR)	Year 3 (INR)	Year 4 (INR)	Year 5 (INR)	Year 6 (INR)	Year 7 (INR)	Sub-Total (INR)
1	Smart Traffic Management System								
2	Smart Tracking System								
3	Smart Parking Management System								
4	Smart Response and Incident Management System								
5	Smart Governance and Smart Connect								
6	Communications Network								
7	ICOMC								
8	Connectivity cost from various Sub-Systems								
8.1	Bandwidth Requirements								
a	Wi-Fi Bandwidth Requirement								
b	Bandwidth Requirement at ICOMC								
c	Other Bandwidth Requirements								
8.2	GSM/GPRS connectivity for AVL System								

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S. No.	Subsystems / Items	Year 1 (INR)	Year 2 (INR)	Year 3 (INR)	Year 4 (INR)	Year 5 (INR)	Year 6 (INR)	Year 7 (INR)	Sub-Total (INR)
9	Manpower Requirement								
10	Any Other Items								
Grand Total (INR)									

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Notes:

1. *Bidders to refer Indicative System Inventory Table (Recurrent Cost Items) for accessing the quantities in the Recurrent Cost Sub-table 2 above.*
2. *The financial evaluation would however be done basing on the Net Present Value (NPV) concept for the entire contract period at a discount rate mentioned in bid data sheet.*

   Only as an Example,

Bidders	CAPEX	OPEX Cost							Total Bid Price
		Yr. 1	Yr. 2	Yr. 3	Yr. 4	Yr. 5	Yr. 6	Yr. 7	
Bidder 'X'	355	30	31	32	32	32	33	45	**590**
Bidder 'Y'	325	30	34	35	37	39	40	50	**590**

Bid Evaluation (NPV Method): - (Discounting Rate = 10%)

$$\text{Bidder 'X'} = 355 + \frac{30}{(1+0.1)^1} + \frac{31}{(1+0.1)^2} + \frac{32}{(1+0.1)^3} + \frac{32}{(1+0.1)^4} + \frac{32}{(1+0.1)^5} + \frac{33}{(1+0.1)^6} + \frac{45}{(1+0.1)^7}$$

= **Rs. 515.4 Cr.**

$$\text{Bidder 'Y'} = 325 + \frac{30}{(1+0.1)^1} + \frac{34}{(1+0.1)^2} + \frac{35}{(1+0.1)^3} + \frac{37}{(1+0.1)^4} + \frac{39}{(1+0.1)^5} + \frac{40}{(1+0.1)^6} + \frac{50}{(1+0.1)^7}$$

= **Rs. 504.4 Cr.**

3. *The above costs should be inclusive of all expenses, over-heads, GPRS communication, etc. and covering the entire scope as per the tender document during the Maintenance Period.*

4. *The recurrent costs shall also be calculated to meet the SLA's specified in the Section 5 – Technical Requirements for the Contract Period.*
5. *The Bidder is not allowed to quote a Unit Rate for an Operations Item for a subsequent year to be lower than the Unit Rate of the current year; it can utmost be equal if not higher than the current year.*
6. *The Bidder should indicate supply and installation/ services cost separately wherever applicable for each line item of the "1.6 Recurrent Cost Sub-Table 2" in the same table.*
7. *The Client has the right to increase decrease the quantities and the recurrent cost will be adjusted as per the unit costs indicated above.*

Name of Bidder:	
Authorized Signature of Bidder:	

1.7 Deviation Cost Table

Item Nos	RFP Clause No.	Details of Deviation	Cost for Increase or Decrease for Unconditional Withdrawal of each Deviation	
			Locally supplied items	Items supplied from outside the Client's Country
			INR	*INR*
Total for Prices Quoted for Unconditional Withdrawal of the deviation Given in Appendix 10				

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Notes:

1. *The Bidder shall quote the price for unconditional withdrawal of each deviation given in Appendix 10.*
2. *The deviation mentioned in the form of the Statement of Deviation (Appendix 10), but not quoted the price in Price Schedule No. 1.7 above for unconditional withdrawal of such deviation, shall be considered as unconditionally withdraw with no financial and time implications.*
3. *The Client reserves the right to accept or reject any deviation proposed by the Bidder at the price quoted by the Bidder above. Then the Contract price will be adjusted accordingly.*

Name of Bidder:	
Authorized Signature of Bidder:	