

Annexure-06
Commercial Bid

(On Organization Letter Head)

Bid Ref No. :

Date:

To,
General Manager (ITP),
RailTel Corporation of India Limited,
Plate-A, 6th Floor, Office Block Tower-2,
East Kidw

Ref : EOI No. RCIL/EOI/CO/ITP/2023-24/IT services to RCIL customer/14 Dated 5th Feb 2024

Section 1

For 249 Warehouses:

Active component

Item No.	Item	UoM	Total Qty (A)	Unit Rate for Supply Item (Rs.) (B)	Unit Rate for installation & commissioning (Rs.) * (C)	GST %	Total Amount (Rs.) $D=A*(B+C)$ (including GST)	Comprehensive Operation and Maintenance Cost for 5 yrs from the date of Go-Live (E)	Sub Total (Rs.) $F = D+E$
1	Dome cameras - 1/2.8" Progressive Scan CMOS with Built-in AI Function, like Face & Motion Detection.	Nos.	7813						
2	NVR - 32 Channel - Embedded Linux, 4K Output Support, With Audio Input/output support	Nos.	185						
3	NVR - 64 Channel - Embedded Linux, 4K Output Support, With Audio Input/output support	Nos.	87						
4	650 VA UPS with inbuilt battery - INPUT Voltage (VAC) - 120~300VAC, 1-Ph, OUTPUT - Voltage AVR Mode 230VAC ±10%.	Nos.	1391						
5	1 KVA Online UPS - 100V~300V AC Load Dependent, 220V / 230V / 240V AC / ±1% / 2 nos 12v 7ah Inbuilt Battery.	Nos.	249						

6	4TB Surveillance Hard Disk Drive - 720p, 20FPS, H.265. 255MBPS data transfer.	Nos.	435						
7	16 Port Poe Switch with 2 nos Gigabit uplink port, 16× PoE+ gigabit RJ45 ports. Standard: 802.3at/802.3af compliant	Nos.	1391						
8	16 Port Gigabit switch for uplink	Nos.	443						
9	PoE Injector	Nos.	249						
10	HDMI switcher with connecting cables 1:4 - Interfaces 4XHDMI Type A, Female Port. 1 x HDMI Type A Female	Nos.	228						
11	HDMI switcher with connecting cables 1:8 - Interfaces 8XHDMI Type A, Female Port. 1 x HDMI Type A Female	Nos.	21						
12	Embedded PC for live-streaming, Windows 11, 64-bit, 8 GB RAM, Integrated Graphics, 2 HDMI Outputs, 6 USB Ports, small form factor.	Nos.	443						
13	USB KVM Switch (4 port)	Nos.	228						
14	USB KVM Switch (8 port)	Nos.	21						
15	BTS (Base Transceiver Station) - includes addition PoE, NID, Channel Bandwidth of 20, 40 and 80 MHz	Nos.	249						
16	CPE (Client Place Equipment) - includes Antenna, PoE, NID, L clamp, Channel Bandwidth of 20, 40 and 80 MHz	Nos.	1391						
TOTAL (AA):									

Passive Component

Item No.	Item	UoM	Total Qty (A)	Unit Rate for Supply Item (Rs.) (B)	Unit Rate for installation & commissioning (Rs.) * (C)	GST %	Total Amount (Rs.) $D=A*(B+C)$ (including GST)	Comprehensive Operation and Maintenance Cost for 5 yrs from the date of Go-Live (E)	Sub Total (Rs.) $F = D+E$
17	4U Equipment Rack Fully loaded with Mounting hardware, Internal cooling fan & other mounting accessories.	Nos.	1391						
18	22U Equipment Rack Loaded with 2 No equipment tray, 4 Fan Tray, 10 port PDU, mounting hardware, floor mount with castor wheels	Nos.	249						

19	Shielded Twisted Pair (STP) Cable, zero-halogen, Gel-filled, outdoor type cable. AWG 23	Meter	82000						
20	RJ45 connector for outdoor STP cable, Brass hot dip galvanized, 3µm, 1.2µm gold over 1.2µm nickel, Polycarbonate (plug) polyamide (housing)	Nos.	1640						
21	GI 6ft Pole on each godown including grouting and civil work	Nos.	1391						
22	GI 9ft Self Support Pole - pole outer-dia 50mm including grouting and civil work	Nos.	249						
23	UTP Cat6 Cable, 23AWG.	Meters	447610						
24	RJ45 connectors with boot	Nos.	15626						
25	25mm PVC Conduit (in m) - incl. saddle, belts, flexible pipe and other mounting accessories as required.	Meters	452429						
26	Patch Cord	Nos.	1029						
27	Power cable (with all necessary electric attachments and fittings)	Meters	41730						
TOTAL (BB):									

Other services

Item No.	Item	UoM	Total Qty (A)	Unit Rate (Rs.) (B)	Unit Rate for installation & commissioning (Rs.) * (C)	GST %	Total Amount (Rs.) $D=A*(B+C)$ (including GST)	Comprehensive Operation and Maintenance Cost for 5 yrs from the date of Go-Live (E)	Sub Total (Rs.) $F = D+E$
28	Professional live streaming with on cloud managed services for 500 concurrent channels on multicast cloud.	Year	1						
29	Transfer of existing Live Stream on the same multicast cloud as per Item no. 28	Warehouses	443						

For 7 Pilot Warehouses:

IoT Sensors

Item No.	Item	UoM	Total Qty (A)	Unit Rate for Supply Item (Rs.) (B)	Unit Rate for installation & commissioning (Rs.) * (C)	GST %	Total Amount (Rs.) <i>D=A*(B+C)</i> (including GST)	Comprehensive Operation and Maintenance Cost for 5 yrs from the date of Go-Live (E)	Sub Total (Rs.) <i>F = D+E</i>
42	Shutter contact	Nos.	756						
43	Edge device (Embedded Controller)	Nos.	7						
44	PH3 gas detector	Nos.	126						
	Weather Station								
45	Temperature and Humidity Sensor	Nos.	7						
46	Wind Speed Sensor	Nos.	7						
47	Rain Sensor	Nos.	7						
48	IP68 Housing	Nos.	7						
49	Power Supply for weather station	Nos.	7						
50	Weather Station Pole (with all additional components such as floor grouting, anti climb spikes, etc)	Nos.	7						
51	2-core signal cable	Meters	12600						
52	1 sq mm 2 - Core Power cable	Meters	4340						
53	3 Pin socket with Switch (Switch socket complete set)	Set	336						
54	Open source software including mobile instance. With dashboard & GUI interface	Nos. (Perpetual)	1						
55	Wireless Nodes	Nos.	252						
56	Wireless Router	Nos.	126						
57	Power Adapter for Nodes	Nos.	252						
58	Cage for Weather Station	Nos.	7						
59	Cat 6 Cable (Incl. laying cost & PVC conduit)	Meters	2520						
TOTAL (FF):									

Other services

Item No.	Item	UoM	Total Qty (A)	Unit Rate (Rs.) (B)	Unit Rate for installation & commissioning (Rs.) * (C)	GST %	Total Amount (Rs.) $D=A*(B+C)$ (including GST)	Comprehensive Operation and Maintenance Cost for 5 yrs from the date of Go-Live (E)	Sub Total (Rs.) $F = D+E$
60	WhatsApp Pack (valid for 5 years)	Credits	500000						
TOTAL (GG):									

Rate Contract

Section 2

Items

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Services

Item No.	Item	UoM	Total Qty (A)	Unit Rate (Rs.)	Unit Rate for installation & commissioning (Rs.) * (C)	GST %	Total Amount (Rs.) <i>D=A*(B+C)</i> (including GST)	Comprehensive Operation and Maintenance Cost for 5 yrs from the date of Go-Live (E)	Sub Total (Rs.) <i>F = D+E</i>
1	Dismantling of analog camera. Includes unmounting the camera & un-screwing. Keeping it in safe custody of the ware house manager.	No.	6026						
2	Installation of analog camera. Includes all activities related to the mounting of the cameras including the consumables & accessories.	No.	1205						
3	Dismantling of IP camera. Includes unmounting the camera & un-screwing. Keeping it in safe custody of the ware house manager.	No.	1563						
4	Dismantling of cables along with conduits	Meter	1800						
5	Shifting of racks. This activity includes power down & removal of ups. Followed by un-mounting of the cables & connectors. Shifting of the required items in the new rack & cable dressing. Powering the rack & all active components.	No.	443						
6	Installation of DVR	No.	90						
7	Repair of 1 KVA UPS. Includes replacement of spares & parts as and when the UPS is down. Excluding the battery replacement	No.	90						
8	Dismantling and relocation of Weather Station	No.	7						
9	Dismantling and relocation of IOT Sensor and aligned products	No.	177						
10	Dismantling and relocation of Wireless Backhaul	No.	328						
TOTAL (II):									

TOTAL COST = TOTAL (AA) + TOTAL (BB) + TOTAL (CC) + TOTAL (DD) + TOTAL (EE) + TOTAL (FF) + TOTAL (GG) + TOTAL (HH) + TOTAL (II)

Note:

- (i) The above rates are inclusive of all applicable taxes and GST
- (ii) The rate quoted by the bidders are valid for the whole period of contract and further one (01) year in case of extension.
- (iii) Since the GeM allows to bid a consolidated price only while bidding, the bidder shall be required to submit the above financial bid duly signed & stamped by the authorized signatory wherein item wise rates
- (iv) The payment towards charges shall be made on the actual utilization of the services as per terms and conditions of the above-referenced tender.
- (v) For the purpose of evaluation, the cumulative total of SITC and Operation and Maintenance cost shall be considered for payment calculation. Bidders should note that the value proportion of SITC of the component should be less than equal to 80% of total composite value. If found otherwise, the bid will summarily rejected.**

1. CENTRAL WAREHOUSING CORPORATION reserves the right to procure the components/services listed in this tender in whole or in part. The payment by CENTRAL WAREHOUSING CORPORATION to the bidder shall be made only against the actual services availed by CENTRAL WAREHOUSING CORPORATION.
2. Prices must be quoted entirely in Indian Rupees and must be inclusive of applicable rates, taxes & out of pocket expenses (including travel cost, boarding & lodging, DA, local conveyance etc.) and GST.
3. No adjustment of the price quoted in the Financial Bid shall be made on account of any variations in costs of labour and materials, currency exchange fluctuations with international currency or any other cost component affecting the total cost in fulfilling the obligations under the agreement. No clauses for price fluctuations due to fluctuation of the Indian currency against any of foreign currency will be accepted during the period of the agreement.
5. CENTRAL WAREHOUSING CORPORATION reserves the right to ask the Bidder to submit proof of payment against any of the taxes, duties, levies indicated within specified time frames.
6. CENTRAL WAREHOUSING CORPORATION reserves the right to accept or reject the price bid, and to annul the tendering process prior to award of agreement. Thereby incurring no liability to the affected bidder or any obligation to inform the affected bidder of the grounds for the action.
7. The quoted charges shall be FIRM during currency of contract period.

Note on Section 2

1. The Rates quoted as per section II above shall be considered for evaluation purpose only. the sum total of the rate contract shall be added with section-I for price bid evaluation.
2. The quantities mentioned in section – II is an estimate based on the future expansion. CWC at its own discretion may increase or decrease the quantity as per the requirements of the warehouse.
3. CWC at its own discretion may verify the cost of the items supplied under the Rate contract from the open market. Major discrepancies if found shall be brought to the prior notice of the successful bidder. The bidder without any prejudice shall furnish the rate justification. If CWC is un-satisfied with the justification provided by the successful bidder may reject the material. Under such circumstances the bidder is required to replace the same with a suitable product which shall meet the specifications & also justified on the price.
4. Prices must be quoted entirely in Indian Rupees and must be inclusive of applicable rates, taxes & out of pocket expenses (including travel cost, boarding & lodging, DA, local conveyance etc.) and GST.
5. No adjustment of the price quoted in the Financial Bid shall be made on account of any variations in costs of labor and materials, currency exchange fluctuations with international currency or any other cost component affecting the total cost in fulfilling the obligations under the agreement. No clauses for price fluctuations due to fluctuation of the Indian currency against any of foreign currency will be accepted during the period of the agreement.
6. All costs incurred due to delay of any sort, shall be borne by the bidder.
7. The quoted charges shall be FIRM during currency of contract period.

BUYBACK

Buyback of Discarded Material

S. No.	Item Description	Unit	1 st Year (Rs.)	2 nd Year (Rs.)	3 rd Year (Rs.)	4 th Year (Rs.)	5 th Year (Rs.)
1	1.3 MP or higher outdoor Analog IR Bullet Camera	Each					
2	2 MP or higher Analog IR Dome Camera	Each					
3	High definition 16 channel Digital Video Recorder	Each					
4	1 KVA UPS without battery	Each					
5	Battery with 60 minutes backup	Each					
6	6 U Network Rack with Power strip & related accessories	Each					
7	12 V Power Adaptors 4 AMP SMPS	Each					
8	32" LED Monitor	Each					

(The above quoted percentages are only for consideration purpose and shall not form the part of financial qualification)

Signature of Authorised Signatory

Name

Designation

Note :

1. The commercial bid should be neatly typed and any cutting, overwriting or manual entry may lead to rejection of bid.
2. The L-1 (CSP) will be decided based on lowest 'Total Price (Inclusive of Taxes)'
3. The Total Price should be mentioned in words also, the value mentioned in words will be the final in case of any misprint.
4. Each and every page of this commercial bid should be duly signed and stamped.