

PRICE BIDS FOR
OPEN TENDER NOTIFICATION
FOR
Supply & Installation of Large Video Projection System at
Technology Center ,Bhubaneswar

Tender Enquiry No.: TPCODL/P&S/1000000500/23-24

Due Date for Bid Submission: 29.12.2023 [17:00 Hrs.]

The TP Central Odisha Distribution Limited
1st Floor, Anuj Building, 19, Satya Nagar, Bhubaneswar-751007.

ANNEXURE I Schedule for Items

Sl. No.	Item Description	Qty.	UoM.	Unit Price (Rs.)	GST (Rs.)	All incl. Unit Price (Rs.)	All incl. BOQ Price (Rs.)
1	<p>(i)LARGE VIDEO WALL SYSTEM WITH CONTROLLER (Full HD Laser Based VIDEO WALL With Controller & ACCESSORIES) LARGE VIDEO SYSTEM (6 X 2 X 70" matrix) INCLUDES: Full HD Laser DLP - Full HD Laser Based DLP Xtra Slim Total Video wall size (in mm) (W x H) minimum : 9300 x 1733 and should fit & match as per site layout requirements with min 1000 mm base stand Total Wall Resolution (Pixels)(W x H) minimum : 23040 x 2160 Power Supply: Redundant Hot-swappable Power Supply - 230 V AC Mounting & Accessories: All are required accessories for non-wall mounting arrangement like Base stand, Mounting kit, Mounting frames, Water proofing arrangement from top, etc. Other Accessories: Pre-fabricated cables for communication, displays, internal and external wiring, extenders, etc.</p> <p>(ii)Redundant Video wall Main Controller with Graphic Controller- OS based (Windows), Graphic Controller- Non PC Based with Wall Management Software 19" Rack Mountable Graphic controller having minimum 12 Output Port, 10 Input Port, 6 LAN Port, OS: Windows 10 or latest version (Minimum Processor 4 GHz or more - i9 or better), 2 x 1 TB in RAID1 HDD, Minimum 32 GB RAM Expandable up to 64 GB wireless keyboard and mouse and wall management software. Bidder to consider appropriate number of RGB, DVI, HDMI, Audio and Video Signal ports/Interface as per the above mentioned controller configuration (There shall be minimum 4 video inputs, 2 audio</p>	1	Set				

	<p>inputs, 2 audio outputs for Connecting speakers, 4 RGB inputs, 6 DVI input, 6 HDMI input.) Shall have audio-video signal input module to interface with network video conferencing equipment, CCTV, VCD/DVD players. The LVW controller shall support minimum three types of video signal inputs (PAL, SECAM, NTSC), HDTV 720p, 1080i, 1080p (Component), RGB analogue up to 1920 x1200 (up to 165 MHz pixel clock), DVI up to 1920 x 1200 (up to 165 MHz pixel clock). Number of Ports/Interfaces shall be sufficient to drive entire 6X2 Matrix of Cubes (current requirement + Addition of 2 cubes on either side of the matrix. i.e. 10X2 matrix) Power Supply: Redundant Hot-swappable Power Supply - 230 V AC Mounting & Accessories: Controller shall be mounted in the base frame of the Video Wall. All required accessories shall be appropriately considered by the bidder. Other Accessories: Pre-fabricated cables for communication, displays, internal and external wiring, extenders, etc.</p> <p>(iii)Structure and related Accessories. Floor Mounting Structure and arrangement, Video wall Canopy, MS Panelling in Control Room, water proofing sheets on top, etc. as per site requirements</p>						
2	<p>Firewall with 6 Ethernet Copper Ports Firewall required for Network Segmentation (LVWS & Purchaser' SCADA LAN) Power Supply: Redundant Power Supply - 230 V AC Mounting & Accessories: Firewall shall be mounted in the Purchaser's Network Rack. All required mounting accessories shall be provided by the bidder. Other Accessories: Pre-fabricated cables for communication, internal and external wiring, extenders, etc.</p>	1	Each.				
3	<p>Armored CAT6 UTP Cable Preferred Make : Systemax/Finolex/Polycab/Digisol</p>	250	Mtr.				

	(Cables and Accessories : Video cables, LAN cables, required adaptors, connectors, extenders as per site requirements and functional requirements specified in the detailed specifications)						
4	Un-Armored CAT6 UTP Cable Preferred Make : Systemax/Finolex/Polycab/Digisol. (Cables and Accessories : Video cables, LAN cables, required adaptors, connectors, extenders as per site requirements and functional requirements specified in the detailed specifications)	1000	Mtr.				
5	ENGINEERING WORKSTATIONS S/W LICENSE. Video Wall Main Controller Workstation (Control PC with 24" Monitor, Keyboard, Mouse, 1 in 2 Out Splitter and other accessories, (with RGB/HDMI Provision for LVWS), Window OS and all applicable Configuration Software)	1	Lot				
6	Installation, Testing, Commissioning, Integration. (Including Installation, Integration and Commissioning of LVW System, On-site Training on Supplied equipment and Application Software a) Engineering, Installation and commissioning of all supplied items b) Preparation of ICS and as-built drawing PDF Format c) Integrated testing with workstations of SCADA/ADMS System d) Integrated testing with other Enterprise System e) Integrated FAT & SAT for Hardware and Software)	1	EA				
6.1	Training Services	1	EA				
7	LVWS Standard warranty	1	AU				
8	Spares of LVWS System						
	1. Full HD Laser Based Cube (70") With Controller, Pre-fabricated Cables & other ACCESSORIES	1	Sets				
	2. Colour Wheels for Cube Controller	4	Nos.				
	3. DVI Interface Card of Main Video Wall Controller	2	Nos.				
	4. HDMI Interface Card of Main Video Wall	2	Nos.				

Controller	2	Nos.				
5. RGB Interface Card of Main Video Wall Controller	2	Nos.				
6. Network Interface Module of Main Video Wall Controller	2	Nos.				
7. Power Supply Module of LVW Cube Controller	2	Nos.				
8. Power Supply Module of Main Video Controller	2	Nos.				
9. Pre-fabricated Cable between Cube & Controller	4	Nos.				
10. Pre-Fabricated Audio Input Cables	2	Nos.				
11. Pre-Fabricated Audio Input Cables	2	Nos.				
12. RGB Interface Cable	2	Nos.				
13. DVI Interface Cable of Main Video Wall Controller	4	Nos.				
14. HDMI Interface Cable of Main Video Wall Controller	4	Nos.				
SAC/ HSN Code:	All incl. BOQ Value (Rs.)					

NOTE:

- The quantity mentioned above is for evaluation purpose only and may vary during the execution. Release Orders against this Rate Contract shall be issued by TPCODL as per actual requirement.
- The bidders are advised to quote prices strictly in the above format and for all the line items as mentioned above. Failing to do so, bids are liable for rejection.
- The bidder must fill each and every column of the above format. ***Mentioning “extra/inclusive” in any of the column may lead for rejection of the price bid.***
- No cutting/ overwriting in the prices is permissible.
- The unit price to be indicated in col. No. 5 should be exclusive of taxes & duties which are to be indicated in separate columns meant for the purpose.