



DEENDAYAL PORT AUTHORITY

ISO 9001:2008 | ISO 14001 | ISPS Compliant Port



Office of Executive Engineer (Electrical), Ground Floor, Nirman Building, New Kandla, Kutch, Pin Code 370210.

No. : TW/WK/7913-I/Extra Items Audio Visual/815

Date: 20/02/2026

EXPRESSION OF INTEREST [EOI]

“Construction of Conference Hall at A.O. Building, Gandhidham – Elect. Part (Audio Visual extra items)”

(This EOI does not constitute any binding commitment from the Deendayal Port Authority to proceed with the work or invite any or all the parties in the subsequent bidding process.)

Executive Engineer (Electrical), DPA invites Expression of Interest for deriving the rates of the extra items in the work of “Construction of Conference Hall at A.O. Building, Gandhidham – Elect. Part (Audio Visual extra items)” from the reputed firms from those who have executed similar work in Government/public sectors and other leading private organizations. The Expression of Interest (EOI) documents containing details of B.O.Q. are enclosed herewith.

The interested firms are requested to submit their rates in the Expression of interest for the said extra item work in BOQ format. The completed EOI (Expression of Interest) shall be submitted to the office of the undersigned on or before 25/02/2026. A scanned copy of EOI duly signed & stamped is also acceptable through e-mail Id deepak.hazra@deendayalport.gov.in

Sd/-

Executive Engineer (E)
Deendayal Port Authority

ANNEXURE – I

Sr. No.	Description	Qty.	Unit	Rate	Amount
1	SITC of 2-way ceiling mounted music loudspeaker as per technical specification no. 1.	04	Pair		
2	SITC of class D amplifier with 4 x 300 W Load as per the technical specification no. 2.	02	Ea		
3	SITC of HD Base T receiver supports uncompressed HDMI signal transmission as per the technical specification no. 3.	1	Ea		
4	SITC of 6' High Speed HDMI with Ethernet cable for 3D, 4K, Deep Color applications and installations as per the technical specification no. 4.	38	Ea		
5	SITC of 9' High Speed HDMI with Ethernet cable for 3D, 4K, Deep Color applications and installations as per the technical specification no. 5.	3	Ea		
6	SITC of USB-C to USB-C passive data and power cable as per the technical specification no. 6.	3	Ea		
7	SITC of USB Type A Male to USB Type B Male cable for connection between host devices and peripheral devices as per the technical specification no. 7.	6	Ea		
8	SITC of USB "A" Male to USB "B" Male cable in an in-line format as per the technical specification no. 8.	6	Ea		
9	SITC of 2 core 14 AWG/2.5 Sq. mm, Twisted, unshielded Speaker cable as per the technical specification no. 9.	300	Mtr.		
10	SITC of IP-to-Serial Control Interface Module as per the technical specification no. 10.	1	Ea		
11	SITC of AV controller as per the technical specification no. 11	1	Ea		
12	SITC of IPAD, 11 inch as per the technical specification no. 12.	1	Ea		
13	SITC of Digital Linx Extension as per the technical specification no. 13	7	Ea		
14	SITC of 1x4 4K 18G HD Base T Distribution Amp / Splitter kit including 4 Receivers as per the technical specification no. 14.	1	Ea		

Total

(In words Rupees _____ only)

(NOTE: The rates should be inclusive of all taxes, duties, fees, cess etc. and all incidental charges; but exclusive of GST).

Sd/-

Signature & Seal of Contractor

Executive Engineer (Elect.)

Deendayal Port Authority

Technical Specification No. 1

Supply, installation, testing and commissioning of 2-way ceiling mounted music loudspeaker. The loudspeaker shall meet the following criteria: Frequency range (-10dB) of 65Hz to 20kHz; Power handling of 200Watt peak; Nominal dispersion of 155° Conical; Sensitivity of 86 dB SPL and Max SPL of 109 dB SPL peak; Nominal impedance of 8 Ohms with an Integral multi-tap Transformer with selectable tap settings of 6/12/25/50W@100V or better. The loudspeaker system shall be comprised of a powder-coated magnetic steel grill; 5.25-inch woofer enclosed in engineered-plastics with integrated steel back can and an In-built waveguide designed to provide uniform area coverage across the loudspeakers frequency range. UL-1480A rated and UL2043 rated for plenum-space installation. Shall be packed in pairs. All described parameters shall be interpreted as minimum thresholds or better, and no deviation, substitution, or partial compliance shall be accepted. Bidders shall furnish the complete OEM compliance certificate, datasheet with technical references, and explicit authorization for the offered equipment model.

Technical Specification No. 2

SITC of class D amplifier with 4 x 300 W Load-independent outputs deliver full channel power to either low-impedance (4-8 Ω) or high-impedance (70/100V) loads without bridging. Amplifier shall have frequency response of 20 Hz to 20 kHz (+/- 1 dB) for LZ mode with THD+N at rated power less than 0.04%. The amplifier shall meet or exceed the following performance specifications: channel separation (crosstalk) greater than 80 dB below rated power at 1 kHz. . The amplifier shall have 2 line-level inputs with selectable input sensitivity settings (-10 dBV, 4 dBu and 14 dBu) for balanced line-level inputs (6-pin Euroblock connector) and possibility of 4 or more no .of digital Audio channels . The amplifier shall offer a master mute connection for use with external dry contacts, normally open or normally closed, to mute all outputs of the amplifier. All described parameters shall be interpreted as minimum thresholds or better, and no deviation, substitution, or partial compliance shall be accepted. Bidders shall furnish the complete OEM compliance certificate, datasheet with technical references, and explicit authorization for the offered equipment model.

Technical Specification No. 3

SITC of HD Base T receiver supports uncompressed HDMI signal transmission over CAT6/6A cable and is suitable for conference rooms, classrooms, control rooms, and commercial AV installations. HDMI 1.4 compliant, Supports resolutions up to 4K x 2K (Ultra HD), Supports 1080p Full HD, 3D video support, HDCP compliant, HD Base T technology : Transmission distance up to: 70 meters (230 ft) @ 1080p, 40 meters (130 ft) @ 4K, Single CAT6/6A cable, Audio Supports embedded HDMI audio, Multi-channel audio support, Control & Features IR

pass-through (bi-directional), RS-232 pass-through, CEC support, LED status indicators, Connectivity 1 x HD Base T Input (RJ45), 1 x HDMI Output, IR In/Out ports, RS-232 port, Power External power supply , Low power consumption, CE, FCC compliant, RoHS compliant. All described parameters shall be interpreted as minimum thresholds or better, and no deviation, substitution, or partial compliance shall be accepted. Bidders shall furnish the complete OEM compliance certificate, datasheet with technical references, and explicit authorization for the offered equipment model.

Technical Specification No. 4

SITC of 6' High Speed HDMI with Ethernet cable for 3D, 4K, Deep Color applications and installations, 18.0Gbps Bandwidth to support 4K60 4:4:4, shall Support ARC, and all HDCP levels, HDR Certified by HDMI ATC, RoHS, REACH, and TAA Compliant. All described parameters shall be interpreted as minimum thresholds or better, and no deviation, substitution, or partial compliance shall be accepted. Bidders shall furnish the complete OEM compliance certificate, datasheet with technical references, and explicit authorization for the offered equipment model.

Technical Specification No. 5

SITC of 9' High Speed HDMI with Ethernet cable for 3D, 4K, Deep Color applications and installations, 18.0Gbps Bandwidth to support 4K60 4:4:4, shall Support ARC, and all HDCP levels, HDR Certified by HDMI ATC, RoHS, REACH, and TAA Compliant. All described parameters shall be interpreted as minimum thresholds or better, and no deviation, substitution, or partial compliance shall be accepted. Bidders shall furnish the complete OEM compliance certificate, datasheet with technical references, and explicit authorization for the offered equipment model.

Technical Specification No. 6

SITC of USB-C to USB-C passive data and power cable, Complies with USB 3.1 / USB 3.2 Gen 1 data standard, Backward compatible with USB 2.0/older USB-C devices, Minimum data rate: 5 Gbps (SuperSpeed USB), Supports Power Delivery up to 3 A / 60 W for device charging, Cable length: 10 ft (3.05 m) ± 5 cm, Wire Gauge: 23 AWG (power) & 34 AWG (data), Shielding: Unshielded (standard passive cable), Cable jacket material: PVC, Connector type (both ends): USB-C (Type C) Male to USB-C (Type C) Male, Connector plating: Nickel exterior, gold-plated contacts (for corrosion resistance), Reversible USB-C design (plug from either orientation), RoHS and REACH compliant, CE & FCC compliant. All described parameters shall be interpreted as minimum thresholds or better, and no deviation, substitution, or partial compliance shall be accepted. Bidders shall furnish the complete OEM compliance certificate, datasheet with technical references, and explicit authorization for the offered equipment model.

Technical Specification No. 7

SITC of USB Type A Male to USB Type B Male cable for connection between host devices and peripheral devices, Compliant with USB 1.1, USB 2.0 and backward-compatible USB 3.0 signaling standards, Supports USB 2.0 high-speed data transfer up to 480 Mbps, Fully backward compatible with USB 1.1 transfer rates, Cable length: 6 feet (approx. 1.8 m). All described parameters shall be interpreted as minimum thresholds or better, and no deviation, substitution, or partial compliance shall be accepted. Bidders shall furnish the complete OEM compliance certificate, datasheet with technical references, and explicit authorization for the offered equipment model.

Technical Specification No. 8

SITC of USB "A" Male to USB "B" Male cable in an in-line format, Compliant with USB 1.1, USB 2.0 and USB 3.0 standards for broad device compatibility and high-speed performance, Cable shall support high-speed USB 3.0 data transfer rates per USB 3.0 specification when connected to compatible USB 3.0 host and device ports, Cable length: 6 feet (approx. 1.8 m) with ± 5 cm tolerance suitable for desktop and equipment rack interconnects, Cable and connectors shall comply with applicable electrical, safety and industry standards for USB passive cable assemblies, Cable shall be RoHS compliant. All described parameters shall be interpreted as minimum thresholds or better, and no deviation, substitution, or partial compliance shall be accepted. Bidders shall furnish the complete OEM compliance certificate, datasheet with technical references, and explicit authorization for the offered equipment model.

Technical Specification No. 9

SITC of 2 core 14 AWG/2.5 Sq mm, Twisted, unshielded Speaker cable with stranded annealed bare copper conductors, Semi-rigid PVC insulation, NEC CL3R, CEC CMG, RoHS compliant. All described parameters shall be interpreted as minimum thresholds or better, and no deviation, substitution, or partial compliance shall be accepted. Bidders shall furnish the complete OEM compliance certificate, datasheet with technical references, and explicit authorization for the offered equipment model.

Technical Specification No. 10

SITC of IP-to-Serial Control Interface Module, Ethernet: 10/100Base-T (TCP/IP) network connectivity for integration, Shall support DHCP and static IP addressing for flexible network deployment, RS-232 Serial Port: One port (DB-9 or terminal block) supporting bi-directional communication with RS-232 devices, Baud rate, data bits, parity and stop bits configurable to match connected equipment control protocols, Converts network socket data (TCP/IP) to

standard RS-232 control signals, Supports native control and management via AV automation/control software, Shall support command pass-through for sending and receiving control strings to third-party devices. All described parameters shall be interpreted as minimum thresholds or better, and no deviation, substitution, or partial compliance shall be accepted. Bidders shall furnish the complete OEM compliance certificate, datasheet with technical references, and explicit authorization for the offered equipment model.

Technical Specification No. 11

SITC of AV controller which is purpose-built Linux server appliance provisioned specifically for controlling and managing TCP/IP endpoints on a Network. The controller shall have following features: - Processor - Intel X5-Z8350 64 bit, GPU - Intel HD Graphics, Memory - 4GB DDR3L, Storage - 64GB eMMC 5.1, Video Output - HDMI 1.4 , Mini Display Port, Peripheral Interface - RJ-45 Gigabit Ethernet, Micro SD Card Reader USB2. port x3, USB 3.1 port x1, Kensington lock ready. The controller shall be capable of controlling minimum 6 devices on LAN, Power over Ethernet (PoE) compatible (IEEE 802.3af), allowing power via standard PoE network switch or equivalent, Device and interfaces shall comply with relevant IEEE, TIA/EIA and Ethernet/serial standards, RoHS compliant and CE/FCC certified. All described parameters shall be interpreted as minimum thresholds or better, and no deviation, substitution, or partial compliance shall be accepted. Bidders shall furnish the complete OEM compliance certificate, datasheet with technical references, and explicit authorization for the offered equipment model.

Technical Specification No. 12

SITC of 10 generation 11 inch IPAD having storage capacity of 64 GB or higher, wi-fi connectivity , A14 bionic chip and as directed by the Engineer-in-Charge.

Technical Specification No. 13

SITC of HDMI 2.0 HD Base T Extension Set, Extend HDMI 2.0 signals up to 4K@60Hz / 4:4:4 up to 70m (4K 40m / 1080P 70m), Complete set Includes TX, RX, power supply, and IR flasher/emitter, Extends bi-directional IR. Flexible PoC (Power on either end), Supports HDR10, HDCP 2.2 compliant, Flexible power design (use power supply at TX or RX)All described parameters shall be interpreted as minimum thresholds or better, and no deviation, substitution, or partial compliance shall be accepted. Bidders shall furnish the complete OEM compliance certificate, datasheet with technical references, and explicit authorization for the offered equipment model.

Technical Specification No. 14

SITC of 1x4, 4K 18G HD Base T Distribution Amp / Splitter kit including 4 Receivers. Must have HDMI 2.0 1 input 4 output HD Base T + 1 HDMI DA with RS232/IR pass-through, Audio de-embedding, and Remote Power. The extender kit must allow for one HDMI signal to be sent to four different locations up to 150 meters away. The distribution amplifier must have 1 local loop HDMI output Along with 4 HD base T outputs. Must allow for Advanced EDID Management. All described parameters shall be interpreted as minimum thresholds or better, and no deviation, substitution, or partial compliance shall be accepted. Bidders shall furnish the complete OEM compliance certificate, datasheet with technical references, and explicit authorization for the offered equipment model.

Sd/-

Signature & Seal of Contractor

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