



# 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/284

Date: 12/03/2026

## **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 18/03/2026. A scanned copy of EOI duly signed & stamped is also acceptable through e-mail Id [deepak.hazra@deendayalport.gov.in](mailto:deepak.hazra@deendayalport.gov.in)

Sd/-

Executive Engineer (E)  
Deendayal Port Authority

ANNEXURE – I

Sr. No.	Description	Qty.	Unit	Rate	Amount
1	SITC of Automation Control Processor as per the technical specification no. 1.	01	Ea		
2	SITC of Touch Surface for Smoother GUI as per the technical specification no. 2.	01	Ea		
3	Go App for iPad® Device as per the technical specification no. 3.	01	Ea		
4	SITC of HDMI Cable as per the technical specification no. 4.	38	Ea		
5	SITC of HDMI Cable as per the technical specification no. 5.	3	Ea		
6	SITC of USB C To C Cable as per the technical specification no. 6.	3	Ea		
7	SITC of USB A To B Cable as per the technical specification no. 7.	6	Ea		
8	SITC of USB A To B Cable as per the technical specification no. 8.	6	Ea		
9	SITC of 6x1+1 (HDMI & Mirrored HDBT Outputs) 4K Presentation Switcher w/HDBT Out Inputs as per the technical specification no. 9.	1	Ea		
10	SITC of Capture and convert HDMI 2.0 signals as per the technical specification no. 10.	2	Ea		
11	SITC of 4K60 4:4:4 / HDR 18G 70m HDMI extender set as per the technical specification no. 11	7	Ea		
12	SITC of 4K 18G HDMI 2.0 1 input 4 output HD BaseT + 1 HDMI DA as per the technical specification no. 12.	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

SITC of Automation Control Processor Should have minimum 1 Bidirectional RS-232/422/485 or more; Should have minimum 2 Bidirectional RS-232 or a suitable control port expansion module to be provided separately; Should have minimum 8 IR/1-way Serial ports or a suitable control port expansion module to be provided separately; Should have minimum 8 Low Voltage Relay Ports or a suitable control port expansion module to be provided separately; Relay Port should be Rated minimum 1 Amp, 30 Volts AC/DC; Should have minimum 8 I/O Versiport or a suitable control port expansion module to be provided separately; Should have Onboard SDRAM minimum 2GB or more; Should have minimum 8 GB Flash memory or more; Should have memory card slot support SD/SDHC cards up to 32 GB or more; Should support Expandable storage up to 1TB or more; Should have minimum 1xHigh-speed USB 2.0 host port to support Mass Storage; Should support ethernet with 100/1000 Mbps, auto-switching, auto-negotiating, auto-discovery, full/half-duplex, industry-standard TCP/IP stack, UDP/IP, CIP, DHCP, SSL, TLS, SSH, SFTP (SSH File Transfer Protocol), FIPS 140-2 compliant encryption; It should support IEEE 802.1x Active Directory service authentication to ensure reliability and compliance with your organization's IT policies; It should have Built-in SNMP support; Should have Enterprise-class network security and authentication with SNMP V3 remote IT management support; It should support web servers like HTTP/HTTPS & SMTP email client; Should have IPv4 & IPv6 Support; Should have Native BACnet/IP support or a suitable external interface to be provided; Should have a network bus control port for communicating and controlling with other devices of the same OEM; Should have Customizable user interface, capable of real-time feedback and Metadata; Should support minimum 10 programs to run simultaneously; Should be 1U rack-mountable with rack ears provided; Should be controllable thru PC thru application file; Should be able to be controlled thru Mobile Devices like I-pad, I-phone, Android without the need of any additional hardware; Should be UL Listed for US & Canada, CE, IC, FCC Part 15 Class B digital device compliant.

Technical Specification No. 2

SITC of Touch Surface for Smoother GUI with Below Features LED backlit Multi-Touch display with IPS technology 2360x1640-pixel resolution at 264 ppi True Tone 500 nits brightness Fingerprint-resistant oleophobic coating. Wi-Fi 6 (802.11ax) with 2x2 MIMO Simultaneous dual band Bluetooth 5.3. USB-C Charge Cable (1 m) 20W USB-C Power Adapter"

Technical Specification No. 3

SITC of touch surface for smoother GUI with below features :-

Storage – 128 GB / Supported OS :- MAC / RAM 5 GB above, processor application for touch surface. LED backlit multi touch display with IPS technology. 2360 X 1640 pixel resolution at 264 ppi true tone 500 nits brightness. Fingerprint resistant oleophobic coating. Wi-Fi 6 (802.11 ax) with 2X2 MIMO. Simultaneous dual band Bluetooth 5.3. USB C charge cable (1 m), 20 W USB C Power adaptor.

#### Technical Specification No. 4

SITC of HDMI Cable with Below Broad Features 4K60 4:4:4 18 Gbps Bandwidth High Retention HDMI plugs Orbit ID Rings Oxygen Free Copper Solid Core Conductor.

#### Technical Specification No. 5

SITC of HDMI Cable with Below Broad Features 4K60 4:4:4 18Gbps Bandwidth High Retention HDMI plugs Orbit ID Rings Oxygen Free Copper Solid Core Conductor.

#### Technical Specification No. 6

SITC of USB C to C Cable with Below Broad Features USB-C to USB-C cable is compatible with all USB-C and Thunderbolt 3 devices Supports USB 3.1 Gen 1 speeds up to 5 Gbps to ensure fast data transfers Power Delivery cable provides 3A (60W) power output for charging mobile devices Reversible USB-C plugs connect in either direction for immediate no-fuss use.

#### Technical Specification No. 7

SITC of USB A to B Cable with Below Broad Features USB "A" male to "B" male connectivity Molded PVC connector housings USB 1.1, 2.0 and 3.0 Compliant.

#### Technical Specification No. 8

SITC of USB A to B Cable with Below Broad Features USB "A" male to "B" male connectivity Molded PVC connector housings USB 1.1, 2.0 and 3.0 Compliant.

#### Technical Specification No. 9

SITC of 6x1+1 (HDMI & Mirrored HDBT Outputs) 4K Presentation Switcher w/HDBT Out Inputs include HDMI, DP, & USB-C Supports multi view with 16 different pre-configured multi-view modes & custom mode for custom window sizing USB-C supports AV via ALT-DP and charging power for connected device Integrated scaling up to 4K Seamless switching & auto switching Use as a 4x1+1 in auto switching or multi-view mode (Inputs 3 and 4 offer selectable input types) or 6x1+1 when used as a standard switcher & controlled via API HDCP 2.2 compliant HDBT output 40m for 4K and 70m for 1080p Supports audio embedding & de-embedding & mic mixing with 48v Phantom Power Control via TCP/IP, front panel, GUI, IR remote, RS232 and CEC"

Technical Specification No. 10

SITC of Capture and convert HDMI 2.0 signals up to 4K60 or 1080P240 to USB3 4Kp60, 1080p240 and 1440p120 HDMI input and pass-through Supports HDR and VRR input and pass-through Supports LPCM 5.1 7.1 channel audio input and pass-through RGB real color video format up to 1080p60 Latency less than 50ms UVC, plug and play Supports most 3rd party video capture software USB 3.2 Gen1 Type-C super-fast speed Supports mixer and microphone input to mix audio

Technical Specification No. 11

SITC of 4K60 4:4:4 / HDR 18G 70m HDMI extender set with IR & 2 way flexible PoC Complete set Includes TX, RX, power supply, and IR flasher/emitter Extend HDMI 2.0 signals up to 4K@60Hz / 4:4:4 up to 70m (4K 40m / 1080P 70m) 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) Includes re-clocking circuitry for maximum device compatibility Locking power connector (power supply included)

Technical Specification No. 12

SITC of 4K 18G HDMI 2.0 1 input 4 output HDBaseT + 1 HDMI DA with RS232/IR pass-through, Audio de-embedding, and Remote Power. This extender kit allows for one HDMI signal to be sent to four different locations up to 150 meters away while simultaneously passing the signal to a local display when using the Loop output.

Signature & Seal of Contractor

Sd/-

Executive Engineer (Elect.)

Deendayal Port Authority



