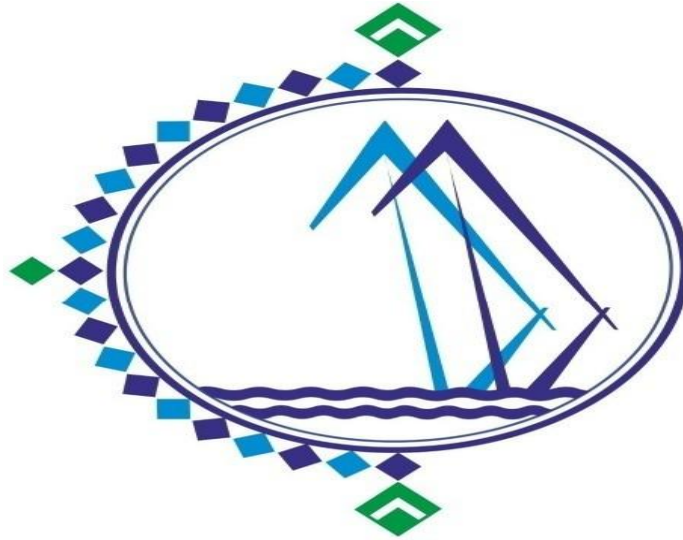


DEENDAYAL PORT AUTHORITY



Invitation of Expression of Interest (EOI) **(BUDGETARY OFFER FROM COMPETENT PARTIES)**

For

Enterprise Wi-Fi Solution

By Information Technology

Chief Manager (ICT)
Deendayal Port Authority,
Room No. 7, Ground Floor, A.O. Building, Post Box
No. 50
GANDHIDHAM (KUTCH)
Email: chiefmngrit@deendayalport.gov.in and teamleadit@deendayalport.gov.in

Date of Issue: 09/01/2026

Last date of Submission: 15/01/2026 1500 hrs. Through email or hard copy.

Sub : Invitation of Budgetary quotation through Expression of Interest from competent parties in India for Enterprise Wi-Fi Solution - reg

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Dear Sir,

Deendayal Port Authority, an autonomous body under Ministry of Ports, Shipping & Waterways, Govt. of India, intends to carry out the work for “Enterprise Wi-Fi Solution” as per the Scope of work, Technical specification, Terms & Conditions stipulated below.

Kindly submit your Expression of interest along with budgetary-offer for the subject work on the basis of the scope of work enclosed herewith. Expression of Interest should include profile of your firm, work experience in similar works, summary of turnover, (if any), on the above mentioned E-mail Ids.

The rates quoted must be inclusive of all costs such as tools, labour, transportation and other auxiliary charges for successful completion of the work excluding GST. The GST applicable shall be shown separately, which shall not be considered for evaluation purposes.

Your EOI with budgetary offers for the above work should reach this office via either courier or email mentioned above, till 15.01.2026 on or before 15:00 hours.

**Chief Manager (ICT) - EDP Deendayal
Port Authority**

1. Introduction

Deendayal Port Authority (DPA) invites Expression of Interest (EOI) from reputed and experienced OEMs / System Integrators / Authorized Partners for providing a Controller Based Enterprise Wi-Fi Solution across selected locations inside the port area.

2. Scope of Work (SoW)

Scope Area	Details
Wireless Infrastructure	Design, supply, installation, configuration, testing and commissioning of 10 Nos. enterprise-grade Wi-Fi 6 indoor access points with controller-based centralized management supporting BeamFlex / Adaptive Antenna Technology or equivalent.
Passive Infrastructure	Supply, laying, termination, testing and certification of approx. 900 meters Cat-6 UTP cable with PVC protective conduit including labeling and dressing.
Power & Mounting	Supply of PoE injectors (IEEE 802.3af/at compliant) and ceiling/wall mounting brackets.
Configuration & Testing	SSID creation, VLAN mapping, security configuration, RF tuning, integration with LAN/firewall and performance & roaming testing.
Documentation & Handover	As-built network diagram, cable layout, IP & SSID details, configuration backup and commissioning report.

3. Bill of Quantities (BoQ)

Sr. No.	Item Description	Make/Model	Qty	Unit	Rate (₹)	Amount (₹)
1	Enterprise Indoor Wi-Fi 6 Access Point with BeamFlex / Adaptive Antenna Technology		10	Nos		
2	Wireless LAN Controller (On-Premise or Cloud)		1	Nos		
3	Cat-6 UTP Cable – Supply, Laying, Termination & Testing		900	Meters		
4	PVC Protective Conduit for Cat-6 Cabling		900	Meters		
5	8 Port POE+ Switch		4	Nos		
6	PoE Injector (IEEE 802.3af/at, Gigabit)		10	Nos		
7	AP Ceiling / Wall Mounting Brackets		10	Nos		
8	Installation, Configuration, Testing, Commissioning & Documentation		1	Nos		
9	3 Years Comprehensive On-Site Support & Maintenance		36	Months		

Payment Terms

- **80%** after supply, installation, testing & commissioning (*excluding AMC*)
- **20%** after Final Acceptance Test (FAT) & document submission (*excluding AMC*)
- AMC amount to be paid on quarterly billing basis
- Rates exclusive of GST, GST paid extra as applicable

4. Service Level Agreement (SLA)

Severity	Description	Response Time	Resolution Time
Critical	Complete Wi-Fi outage / Controller failure	≤ 1 Hour	≤ 4 Hours
High	Multiple APs down / Major performance degradation	≤ 1.5 Hour	≤ 8 Hours
Medium	Single AP failure / Partial impact	≤ 2 Hours	≤ 12 Hours
Low	Minor issue / Configuration support	≤ 4 Hours	≤ 24 Hours

5. Access Point – Technical Specifications

ANNEXURE – I

Technical Specifications High-Density / Industrial-Grade Indoor Wi-Fi 6 Access Point

Sr. No.	Parameter	Minimum Technical Specification Required
1	Wireless Standard	IEEE 802.11ax (Wi-Fi 6), backward compatible with 802.11a/b/g/n/ac
2	Frequency Bands	Dual Band – 2.4 GHz and 5 GHz (simultaneous operation)
3	Spatial Streams	Minimum 2x2:2 per radio (dual-concurrent radios)
4	Maximum Aggregate Data Rate	≥ 1.7 Gbps (combined 2.4 GHz + 5 GHz)
5	Channel Bandwidth	20/40 MHz (2.4 GHz), 20/40/80 MHz (5 GHz)
6	MU-MIMO	Supported – Uplink & Downlink
7	OFDMA	Supported
8	Antenna Technology	Adaptive antenna / dynamic beam-steering technology
9	Antenna Gain	Up to 6 dBi (effective, pattern-adaptive)
10	RF Optimization	Dynamic channel selection, automatic power adjustment, background RF scanning
11	Client Capacity	Support for ≥ 500 concurrent client devices per access point

12	Roaming Support	IEEE 802.11k / v / r supported
13	Security Standards	WPA2-Enterprise, WPA3-Enterprise
14	Authentication	IEEE 802.1X
15	VLAN Support	Multiple SSIDs with SSID-to-VLAN mapping
16	Guest Access	Captive portal support through controller
17	Management Architecture	Controller-based centralized management (On-Premise or Cloud)
18	Monitoring & Management	Centralized monitoring, logging, alerts, firmware management
19	Power Supply	Power over Ethernet (PoE)
20	PoE Standard	IEEE 802.3af / IEEE 802.3at
21	Network Interface	Minimum 1 × Gigabit Ethernet port
22	Mounting	Ceiling-mount / Wall-mount (mounting kit included)
23	Deployment Environment	Indoor enterprise / industrial / high-interference locations
24	Operating Mode	24×7 continuous operation
25	Scalability	Ability to add access points without architectural changes

Note:

1. The offered access point shall be enterprise-class, Wi-Fi 6 compliant and suitable for high-density and industrial environments.
2. All specifications mentioned above are minimum requirements. Vendor may offer higher specifications.

6. Deployment Locations

Sr. No.	Location	No.of AP
1	North Gate	2
2	Oil Jetty Gate	1
3	Oil Jetty Gate-7	1
4	West Gate-03	2
5	Berth No. 13-15 New Gate	2
6	Bander Gate	2

7. Additional Eligibility & Qualification Criteria

The participating bidder / System Integrator / OEM / Authorized Partner must fulfill the following additional eligibility criteria:

7.1 Local Presence Requirement

- The bidder must have a functional office / branch at Gandhidham / Kandla / Adipur area.
- Documentary proof such as office address proof, GST registration, lease deed, utility bill, or letterhead mentioning local office address shall be submitted along with the EOI.
- The local office shall be responsible for coordination, on-site support, troubleshooting, and SLA compliance.

7.2 Similar Work Experience

- The bidder must have successfully completed at least one (01) similar Enterprise-grade Wi-Fi / WLAN project in the last three (03) years.
- The project should be of enterprise nature, such as:
 - Port
 - Airport
 - PSU / Government organization
 - Industrial campus
 - Large commercial / institutional setup
- Supporting documents such as Work Order / Completion Certificate / Client Certificate shall be submitted along with the EOI.

7.3 Financial Capability / Turnover Requirement

- The bidder's average annual turnover **or** single executed project value should be minimum 10 (Ten) times the estimated / budgetary cost of this project.
- Certified copies of audited financial statements **or** CA-certified turnover certificate shall be submitted as documentary evidence.

7.4 OEM Authorization

- The bidder must be an OEM / Authorized Partner / System Integrator of the proposed Wi-Fi solution.
- OEM authorization letter (specific to this EOI or general partnership letter) shall be submitted.

7.5 24x7 Support & Maintenance Commitment

- The bidder must provide **24×7 technical support** including:
 - Remote support
 - On-site support
 - Controller & AP health monitoring
- The bidder must ensure availability of qualified technical manpower locally to meet the SLA requirements.
- Escalation matrix with contact details shall be submitted.

7.6 SLA Compliance

- The bidder must agree to comply with the **Service Level Agreement (SLA)** defined in this EOI.
- Any deviation from SLA terms shall be **clearly mentioned**, failing which it will be assumed that SLA is fully accepted.

7.7 Compliance Undertaking

- The bidder shall submit an **undertaking on company letterhead** confirming:
 - Acceptance of all EOI terms & conditions
 - Readiness to provide 24×7 support
 - Availability of local office and manpower
 - Capability to execute the project within defined timelines

8. Submission of EOI

The EOI along with budgetary quotation shall be submitted on or before 15th January by email to:
Mr. Venkatesan Kandasamy, Chief Manager – ICT
Email: Chiefmngrit@deendayalport.gov.in

Cc: Mr. Paresh Togadiya, Senior Manager – ICT
Email: Teamleadit@deendayalport.gov.in

9. Disclaimer

This EOI is for budgetary estimation and market assessment only and does not constitute any commitment by Deendayal Port Authority. DPA reserves the right to accept or reject any or all EOIs without assigning any reason.

Issued by

Sr. Manager (ICT)
Deendayal Port Authority
Gandhidham