



MORMUGAO PORT AUTHORITY
INFORMATION TECHNOLOGY CELL
FINANCE DEPARTMENT

FA/IT(7-HARDWARE)/2025/00019

07.02.2025

Dear Sir/Madam,

Last Date and Time for Submission of Tender: 19.02.2025 on or before 10.00 hrs.

To,

M/s. Coresonant Pvt Ltd
M/s. PCSNXTGEN Technologies
M/s. Digital Computer Services
M/s. Silicon Computers
M/s. Infocom Solutions
M/s. Rizvan Shaikh Computer Sales & Services
M/s. Winsys Computer Services

Sub : Supply, Installation and Commissioning of IT Infrastructure for RFID

Ref : Tender No. FA/IT(7-HARDWARE)/2025/00019 due on 19.02.2025 at 10.00 hrs.

Mormugao Port Authority (MPA) is inviting bids for Supply, Installation and Commissioning of IT Infrastructure for RFID as detailed at Annexure A in sealed double cover system at the following address:

Asst. Director (EDP),
IT Cell, Finance Department,
1st Floor, Administrative Building,
Headland Sada, Goa 403 804.
Phone No. 0832-2594416

The sealed tender (double cover system comprising of Technical Bid Cover and Price Bid Cover) is due on 19.02.2025. The Technical Bid will be opened on the same day at 10:30 hours in the Conference Room located on the first floor of the Finance Department at Administrative Building, Headland Sada, Goa in the presence of representatives of tenderers who wish to be present. Bids received after due date and time are liable to be rejected. The sealed envelope should be superscribed as "Supply, Installation and Commissioning of IT Infrastructure for RFID" containing therein sealed Technical Bid cover and sealed Price Bid Cover. Those Bids which meet Minimum Eligibility Criteria and fulfilling the Technical Specifications/Requirements will be considered for further evaluation.

The Technical Bid shall contain complete & detailed technical specifications as per Technical Specifications specified in Annexure A and Demand Draft or Electronic Payment Details towards Tender Fee. The Price Bid should include only price. Both the covers to be sealed and to be enclosed in another sealed envelope. Tenders should be kept valid for a minimum period of **90 days** from the date of opening and shall conform to the Terms and Conditions of the Tender.

The administration reserves the right to reject any or all tenders or accept any tender wholly or in part without assigning any reason whatsoever.

Yours faithfully,

Sd/-

Financial Adviser & Chief Accounts Officer

MORMUGAO PORT AUTHORITY
INFORMATION TECHNOLOGY CELL
FINANCE DEPARTMENT

Instructions to Tenderers

1. **Tenders received before the last date and time will be opened on due date at 10.30 hrs.** The bidders or their representatives can witness the tender opening if desired.
2. Tender Fees of Rs. 2,360/- incl. of GST (Rupees Two Thousand Three Hundred Sixty only) is payable by the bidder. The mode of payment towards Tender Fees to be preferably paid online through e-payment mode before due date by National Electronic Fund Transfer (NEFT)/ Real Time Gross Settlement (RTGS). Please note that payments made through NEFT/RTGS will take 24 hours for its reconciliation. Hence payments made through NEFT/RTGS should be made at least two bank working days in advance before due date. However, bidder can pay Tender Fee in the form of Demand Draft drawn in favour of Mormugao Port Authority, payable at Mormugao Harbour/Vasco da Gama which shall be furnished along with the Bid. Without Tender Fee, the bid is liable to be treated as invalid. Micro and Small Enterprises (MSE) registered with District Industries Centre (DIC) or Khadi and Village Industries commission or Khadi & Industries Board (KVIB) or Coir Board or National Small Industries Corporation (NSIC) or Directorate of Handicrafts and Handlooms or Udyam registration certificate or any other body specified by Ministry of MSME shall be exempted of tender fee on producing self-attested supporting certificates along with Technical Bid. Exemption towards payment of Tender fees will be extended only to Micro and Small Enterprises.
3. The prices should be quoted item wise separately. Prices quoted on lump sum basis (i.e. one amount for all the items taken together) will not be considered and the offer is liable to be rejected.
4. GST will be paid extra as applicable. Any statutory changes in taxes can be considered only if these changes occur within the contractual service delivery period.
5. The Tender Documents should be signed and submitted in acceptance of all the Terms and Conditions mentioned therein. In case this is not done the tender is liable to be rejected.
6. If the offers are found to deviate from our Commercial Terms & Conditions and Technical Specifications they are liable to be rejected.
7. The Administration reserves the right to reject any tender in part or in whole without assigning any reason for doing so.

Sd/-

FINANCIAL ADVISER & CHIEF ACCOUNTS OFFICER

NOTE: The above format should be attached to your offer duly signed and stamped failing which your offer will be considered as incomplete and liable for rejection. Further, ensure that every page is signed and stamped.

MORMUGAO PORT AUTHORITY
INFORMATION TECHNOLOGY CELL
FINANCE DEPARTMENT

COMMERCIAL TERMS AND CONDITIONS

1. **PRICES:** Prices quoted should be as per the Price Bid format. GST will be paid extra as applicable. The prices should be firm for a period of 90 days from the date of opening of the tender. However, in case of any statutory revision in taxes within the validity period of tender, the same will be considered provided you furnish documentary evidence such as copy of Govt. notification.
2. **DELIVER:** The IT Infrastructure should be delivered within 15 days from placement of Work Order
3. **PAYMENT:** We are an autonomous body under the Ministry of Ports, Shipping & Waterways, and as such our payment shall be 100% payment within 30 days of receipt of material/invoice/documents by ECS/EFT/RTGS. Suppliers Invoice should indicate the suppliers and MPA's GST numbers, and the HSN number.
4. **TENDER FEES :** Tender Fees of 2,360/- incl. of GST (Rupees Two Thousand Three Hundred Sixty only) is payable by the bidder. The mode of payment towards Tender Fees could be paid online through e-payment mode before due date by National Electronic Fund Transfer (NEFT)/ Real Time Gross Settlement (RTGS). Please note that payments made through NEFT/RTGS will take 24 hours for its reconciliation. Hence payments made through NEFT/RTGS should be made at least two bank working days in advance before due date. However, Rs.2,360/- incl. of GST (Rupees Two Thousand Three Hundred Sixty only), payable at Mormugao Harbour/ Vasco da Gama which shall be furnished along with the Bid. Without Tender Fee, the bid is liable to be treated as invalid. Exemption towards payment of Tender fees will be extended only to Micro and Small Enterprises.
5. **LOCAL OFFICE IN GOA:** The bidder should have local office in Goa for the local spares & Support. Necessary documentation evidence to be provided in support of Local office in Goa.
6. **SECURITY DEPOSIT:** Within 14 days of acceptance of the tender, the successful tenderer will have to affect a Security Deposit equal to 10% of the total value of the Rate Contract by Demand Draft or by Bank Guarantee from a Scheduled Bank. The Demand Draft should be drawn in favour of the Financial Advisor and Chief Accounts Officer, Mormugao Port Authority, Goa payable at Mormugao Harbour, Goa. However, in case the Security Deposit is furnished by way of Bank Guarantee, the same should be valid for a minimum period of 36 months from the date of installation of software with a claim period of further 2 months.
7. **LIQUIDATED DAMAGES:** Supply schedule as per order should be strictly adhered to. In the event of delay in supplies, Liquidated Damages at 0.5% of the total basic value of the undelivered quantity will be levied per week or part thereof of delay. The total Liquidated Damages shall however not 10% of the total basic value of the order exceed.
8. **FORCE MAJEURE & EXTENSION IN DELIVERY PERIOD:** In case of failure to deliver the goods in time which shall have arisen due to war, insurrection, restraint imposed by the Government Act or Legislation or other Authority, accident, strike, riot, lock-out or unforeseen events beyond human control directly or indirectly interfering with the supplies of stores or from any cause which the purchaser may admit as reasonable

ground for an extension of time, the purchaser will allow such additional time he considers reasonable provided that the contractor shall report to the purchaser the occurrence of any cause as aforesaid which will or might affect the performance of the contract within a reasonable time. Requests for extension received after expiry of the delivery schedule will not be entertained.

9. **ADDITIONAL DETAILS** : The full details as regards Permanent Account Number (PAN) (Income Tax) Bank A/C No. and type of A/C, Name, Address, MICR Code and IFSC Code of Bank, GST etc. should be furnished as per the formats specified in attached Annexures.

10. **JURISDICTION**: In case of any dispute the jurisdiction will be GOA only.

We hereby agree to all the above terms and conditions.

Signature and Seal of Tenderer

NOTE: This above format should be included in Technical Bid Cover of your offer duly signed and stamped, failing which your offer will be considered as incomplete and liable for rejection.



An ISPS Code Compliant Port

MORMUGAO PORT AUTHORITY
INFORMATION TECHNOLOGY CELL
FINANCE DEPARTMENT

TENDER FORM

To
FA & CAO
Mormugao Port Authority,
1st Floor, A.O. Bldg.,
Headland, Sada, Mormugao,
Goa - 403 804.

I/we _____ do hereby tender to Supply, Installation and Commissioning of IT Infrastructure for RFID at the prices quoted by us and as per Technical Specifications and other Terms and Conditions of the Tender.

I/We further agree to effect a deposit with the Financial Advisor and Chief Account Officer, Mormugao Port Authority, Headland Sada, Mormugao, Goa within 14 days of such acceptance of my/our tender (in cash, by Demand Draft or in the form of Bank Guarantee from any scheduled Bank) equal to 10% of the amount for which the tender has been accepted towards Security Deposit.

Signature of the Contractor

Name: _____

Address: _____

Witness: 1. _____

2. _____

REMARKS: Kindly submit this form duly signed and stamped in your Technical Bid or else your offer is liable to be rejected.

PRICE SCHEDULE COVER

**TENDER NO. FA/IT(7-HARDWARE)/2025/00019 due on 19.02.2025
Supply, Installation and Commissioning of IT Infrastructure for RFID**

Sr No	Description	Quantity	Unit Rate exclusive of GST (Rs.)	Amount (Rs.) exclusive of GST
A	B	C	D	E=(C * D)
1	Intel Xeon 8-core 1.8 GHz or Higher Processor,(2x 32GB) Dual Rank DDR5-4800, 2 x 960 GB SSD / 800W X 2 Hot Plug Power Supply Redundant, 3 - years warranty	03 nos.		
2	8 Port L2 Managed Switch with 8X1G and uplink 2x10 GB SFP, 01 no. 10G SFP Module each Switch	03 nos.		
3	4U Network Rack for Switches	03 nos.		
4	8 Module 5/15 Amp Extension Board 1.5 Mtr.	04 nos.		
5	2 KVA UPS with 4hr Backup Battery 12V, 120AH x 6 Exide with Rack Links & Connectors , Installation	03 nos.		
TOTAL AMOUNT Rs. excl. of GST				

1. The tenderers are requested to fill up the above details in the Price Schedule and enclose in the cover.
2. Evaluation of the Bid would be done on the basis of total amount of items at Sr. No. 1 to 5 specified in the above format.
3. Offers not given in above format are liable to be rejected.
4. GST - Goods & Services Tax is payable extra as applicable

Date: _____

Name, Signature & Seal of the Tenderer

MORMUGAO PORT AUTHORITY
INFORMATION TECHNOLOGY CELL
MINIMUM ELIGIBILITY CRITERIA

1.0 FINANCIAL ELIGIBILITY:

1.1 Bidder's experience of having successfully completed the work of supply & installation of IT Infrastructure like Servers, UPS & Network Switches during the last three years from the due date of submission of bid. The Work Order as well as completion date should be within last 3 years from the due date of submission of bid. Copy of the Purchase/Work Order along with corresponding completion certificate from the client should be furnished. The completed works should be either of the following:-

1.1.1 Three similar completed works of not less than Rs.4,97,580/-excl. of GST OR

1.1.2 Two similar completed works of not less than Rs.6,21,975/- excl. of GST OR

1.1.3 One similar completed works of not less than Rs.9,95,160/- excl. of GST

1.2 Similar Work means "Supply and Installation of Servers, UPS & Network Switches".

2.0 TECHNICAL ELIGIBILITY

2.1 The Bidder should be "a local supplier" of domestically manufactured products as defined in the Notification dated 06.12.2019 (Preference to Make in India) issued by Ministry of Electronics and Information Technology.

2.2 The Bidder is required to compile with the Technical Specifications as specified at Annexure A.

MORMUGAO PORT AUTHORITY**TECHNICAL SPECIFICATIONS OF IT INFRASTRUCTRE FOR RFID****1. TOWER BASED SERVER** (Server mounting, RAID configuration, OS Installation and commissioning):**Processor** : Intel Xeon Bronze or Higher

Total Threads 8, Max Turbo Frequency 1.90 GHz, Processor Base Frequency 1.80 GHz, Cache 22.5 MB, TDP 125 W or higher

Memory: Minimum DDR5 Smart Memory 32 GB (2x32 GB, 4800 MT/s) Dual Rank**Hard Disk Drive**: Minimum SSD 960GB X 2 SATA 6G Read Intensive SFF BC

Storage controller Embedded SATA Software RAID /NVMe Drive Bay(s) for 8 small form factor drives.

Power Supply: Minimum 800W X 2 Redundant, Flex Slot Platinum Hot Plug Low Halogen**Network controller** Embedded minimum 2-Port 1GbE BCM5720 networking ports**System fan** Minimum 2x Standard Fans**Security** UEFI Secure Boot and Secure Start support. Intel® Software Guard Extensions (SGX) support. Immutable Silicon Root of Trust. TPM (Trusted Platform Module) 2.0 support. Front bezel key-lock feature, Intrusion cable.**Form factor** 4.5U Tower.

Optional standalone Tower-to-Rack conversion to convert the unit to a 5.5U Rack-mount server.

Expansion slots Default with 2 x16 PCIe 5.0 Slots and 1 x16 OCP3 slot.**Accelerators**: Supports NVIDIA L4/RTX 4000 Ada Graphics Accelerator**Warranty** 3 yrs : Server Warranty includes three years of parts, three years of labor, and three years of on-site support coverage.**2. NETWORK SWITCHES: L2 Managed**

8 Port Gigabyte L2 Managed switch with 2 x 10G SFP port and 1 number 10G SFP Module

(Switch mounting, Switch & VLAN configuration with commissioning.)

Layer 2 Switching: Standard 802.1d Spanning Tree support

Support for IEEE 802.3ad Link Aggregation Control Protocol (LACP)

Support for up to 4,094 VLANs simultaneously, Port-based and 802.1Q tag-based VLANs; MAC-based VLAN; protocol-based VLAN; IP subnet-based VLAN, Management VLAN, Relay of DHCP traffic to DHCP server in different VLAN; works with DHCP Option 82.

HOL blocking prevention

Loopback detection provides protection against loops by transmitting loop protocol packets out of ports on which loop protection has been enabled. It operates independently of STP

Security: Secure Shell (SSH) Protocol, Secure Sockets Layer (SSL), IEEE 802.1X (Authenticator role), STP loopback guard, DHCP snooping, IP Source Guard (IPSG) , Layer 2 isolation Private VLAN Edge (PVE).

3. UPS - 2 kVA Online Double Conversion UPS with 4 hours Backup

Battery 12V SMF VRLA 120AH x 6 blocks to support 4 hr backup with Rack, links, connectors and Installation (2 yr warranty on UPS & Battery)

Should have optional built - in galvanic isolation & with extended runtime capabilities IGBT Based Rectifier, Double Conversion Efficiency upto 90%., Active Input Power Factor Correction 0.99. And 0.8 Output Power Factor. Configurable Output Voltage (200/208/220/230/240 Vac.), Generator Compatible with Wide Input Frequency Range (40 Hz-70 Hz). , 50/60 Hz Automatic Frequency Converter Mode. LCD Display Provides UPS Data, Alarms and Helps in faults diagnostics and trouble shooting.

PHASE		1 phase in / 1 phase out	
CAPACITY		2000 VA / 1600 W	
INPUT			
Nominal Voltage		230 Vac	
Voltage Range	Low Line Loss		
	Low Line Comeback	120 VAC \pm 3% at 50% Load 186 VAC \pm 3% at 100% Load	
	High Line Loss	280 VAC \pm 3%	
	High Line Comeback	270 VAC \pm 3%	
Frequency Range		40 Hz ~ 70 Hz	
Power Factor		\geq 0.99 @ 100% load	
OUTPUT			
Nominal Voltage		208/220/230/240VAC	
AC Voltage Regulation		\pm 1%	
Frequency Range (Synchronized Range)		46Hz ~ 54 Hz or 56Hz ~ 64 Hz	
Frequency Range (Batt. Mode)		50 Hz \pm 0.1 Hz or 60 Hz \pm 0.1 Hz	
Transfer Time	Bypass to Inverter (Line mode)	Zero	
	Inverter to Bypass (Line mode)	4 ms (Typical)	
Waveform (Batt. Mode)		Pure Sinewave	
Inbuilt Isolation Transformer		No	
BATTERY			
Standard	Battery Type	12V/ 120 AH	
	Numbers	6	
	Typical Recharge	4 hours recover to 90% capacity	

Run Model	Time			
	Charging Current (max.)	1.0 A		
	Charging Voltage		54.7 VDC ±1%	
Long Run Model	Battery Type	Depending on the capacity of external batteries		
	Numbers		6	
	Charging Current	1.0A/2.0A/4.00.0A, 6.0A default		
	Float Charging Voltage		82.1 VDC ±1%	
INDICATORS				
LCD Panel		UPS status, Load level, Battery level, Input/output voltage, Discharge timer, and Fault conditions		
ALARM				
Battery Mode		Sounding every 4 seconds		
Low Battery		Sounding every second		
Overload		Sounding twice every second		
Fault		Continuously sounding		

MORMUGAO PORT AUTHORITY**DETAILS FOR SUBMISSION BY VENDORS ALONG WITH TENDER.****A. VENDOR DETAILS OF VENDOR**

1.	Name of the Organisation	
2.	Address (in detail)	
3.	Telephone no.	
4.	E-mail ID	
5.	PAN No.	
6.	Tax Identification No. (TIN)	
7.	GST Registration No.	
8.	Employee Provident Fund (PPF)	
9.	Employee State Insurance Scheme (ESIC) Registration No.	

B. BANK DETAILS OF VENDORS.

1.	Bank Name	
2.	Bank Branch Address (in detail)	
3.	Bank Branch Code	
4.	Bank Account No.	
5.	Bank Account Type	
6.	Magnetic Ink Character Recognizer (MICR)	
7.	IFSC Code.	

MORMUGAO PORT AUTHORITY
ELECTRONIC PAYMENT SYSTEM MANDATE FORM

The details for processing the payment through RTGS as below:-

Name of the Beneficiary	MORMUGAO PORT AUTHORITY
Address of Beneficiary with PIN Code	Administrative Office Building, Headland Sada, GOA - 403804
PAN Number	AAALMO293P
Name & Mobile Number of responsible person	Smt. SITA PANDIT Chief Cashier
Name of the Bank and Branch	STATE BANK OF INDIA, Harbour Branch
Bank Telephone No.	0832-2594421
Address of the Bank	STATE BANK OF INDIA MORMUGAO HARBOUR, GOA – 403803
MICR Code of the Bank	403002024
IFSC Code No.	SBIN0002164
Type of Account and Branch Code	Current Account / Branch Code:- 002164
Account number of the Bank	10438017048
Beneficiary E-mail ID	cash@mptgoa.gov.in

MORMUGAO PORT AUTHORITY**GST PARTICULARS TO BE FURNISHED BY BIDDER IF APPLICABLE**

Sr No	Particular	Mormugao Authority	Port	Data Required
1	Customer Name as per GST Registration Certificate	Mormugao Authority	Port	
2	Full Postal Address	Administrative Building, Headland Sada.		
3	City	Goa		
4	Pin code	403 804		
5	PAN	AAALM0293P		
6	Type of Person	Local Authority		Company/Firm/Individual/Trust/LLP/AOP
7	Resident/Non Resident as per Income Tax Act	Resident		
8	ARN No.	AA30617001663N		
9	GST No.	30AAALM0293P1ZY		
10	PPOB (Principal Place of Business) or APOB (Additional Place of Business)	PPOB		
11	Reason for Non Registration (Turnover Limit / Non Taxable Supply / Other Reason)	NA (Registered Under GST)		
12	Type of Customer (Manufacturer/Trader/Importer/Depot/Service Provider/Works Contractor/Principal/Consumer)	Service Provider		
13	Whether Falling under SEZ unit or Developer? (Yes or No)	No.		
14	Whether B2B or B2c (B= Business & C= Customer)	B2B		
15	Whether Opted for Composition Lavy Scheme? (Yes or No)	No.		
16	Whether falling under casual taxable person as per Section 2(20) of CGST Act,2017 (yes or No)	No.		
17	Whether falling under Non Resident taxable person as	No.		

	per section 2(77) of CGST Act, 2017 ? (Yes or No)		
18	Central Excise Registration No.	--	
19	Service Tax Registration No.	AAALM0293PST001	
20	VAT - TIN	30181201096	
21	CST - TIN	V/CST/1683	
22	IEC	1706000073	
23	Contact Details :		
	Name	Shri. Anant Chodnekar	
	Designation	FA & CAO	
	Phone No.	0832-2521132	
	E-mail	facao@mptgoa.gov.in	