



website: www.cochinport.gov.in

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SECTION-I

1. NOTICE INVITING TENDER

Tender No.:F1/T-2 /AMI-SMART METERS/2025/M

Dated : 30.10.2025

1 Notice Inviting Tender

Electronic Tenders (**e-Tenders**) on item rate basis is invited in Single Stage Two Cover bidding procedure [Technical Bid and Financial Bid], by the Chief Mechanical Engineer, Cochin Port Authority, Willingdon Island, Cochin-682009, from **Proprietorship/ Individual/ Limited company/ LLP meeting the Minimum Qualification Criteria** specified below for the work of **“SITC of AMI System for the Smart Meters installed at Cochin Port Authority and Providing O&M for 5 years thereafter”**

- 1.1 For submitting the e-tender, the prospective bidders willing to participate in this tender shall fulfill the Minimum Qualification Criteria and agree to the Terms and Conditions mentioned in the Tender Document. Tender timeline is available in the BID INFORMATION SHEET given in the Tender Document.

2 Back Ground :

Cochin Port Authority is a Deemed Electricity Distribution Licensee at W. Island and Vallarpadam and Puthuvypin SEZ area as per Electricity Act 2003. Cochin Port Authority (DISCOM) is a Designated Consumer as Per Bureau of Energy Efficiency Regulations and hence CoPA has to conduct Annual Energy Auditing, Periodic accounting and RCO auditing. CoPA has already replaced the energy meters with SMART meters and implemented AMI in the year 2020 for about 1400 nos. of SMART Meters through M/s.NSoft Bengaluru, Karnataka-560085 with AMI service valid upto July 2025. Genus Meters and L& T Meters are presently being used in CoPA. CoPA has to comply with directions / regulations of Ministry of Power, BEE etc. CoPA has so far not implemented Prepaid billing system. However CoPA has to switch over to Prepaid billing system as per the directions of BEE. The AMI Service provider (AMISP) shall implement Prepaid billing system as and when required by CoPA. CoPA has already registered in NFMS portal and feeder meters are already integrated with NFMS. AMISP shall be responsible for integrating all the feeder meters in CoPA so as to achieve communication above 95% or as amended from time to time by MoP. CoPA has to conduct unmanned energy auditing, periodic accounting and RCO auditing as per BEE Regulations. The AMISP shall generate all reports required for billing as per tariff orders , unmanned auditing (including computation of Feeder wise losses, DT Wise losses , Injection point wise losses, Export and Banking of Prosumers etc) in compliance with BEE Regulations. SAIDI/ SAIFI/MAIFI shall be computed automatically through AMI so as to submit with Regulatory Authorities. AMISP shall revise the Prepared billing software (After implementation of Prepaid billing) within 10 days from the date of notification of tariff orders by Kerala State Electricity

Regulatory Commission so as to issue bills in time. Fuel surcharge orders of Kerala State Electricity Board Limited shall be incorporated in the prepaid billing software within the stipulated time.

3 Minimum Qualification Criteria (MQC):

The tenderer must fulfill the following Minimum Qualification Criteria to prove the techno-commercial competence and submit the documents in support thereof:

3.1 Technical:

The Tenderer should have the experience of successfully carried out similar works of value as mentioned below, including GST during the last 7 years as on 31/07/2025 to Government Departments/ Reputed Private organizations.

At least Three similar completed works costing not less than Rs.41,41,610/- each

(OR)

At least Two similar completed works costing not less than Rs.51,77,020/- each

(OR)

At least One similar completed work costing not less than Rs.82,83,230/-.

3.2 Additional Requirements – Technical :

- (a) The Bidder shall comply with all applicable laws including the guidelines issued in the Public Procurement (Preference to Make in India) Notification to provide for purchase preference (linked with local content) in respect of Power Distribution Sector vide Order No. 11/05/2018-Coord., published by the Ministry of Power, Government of India dated 17 September 2020 including any amendments or modifications to the same from time to time. Undertaking shall be submitted along with the Bid.
- (b) Bidder shall have experience as AMI service provider for SMART ENERGY Meters in Power Sector for integration of head-end system with MDM on standard interfaces and data exchange models for at least 2000 consumers (cumulatively) in an Indian/ Global Power Sector Utility in the last 5 (five) years which are in operation for at least 1 (one) year. Certificate shall be submitted along with the Bid.
- (c) Experience Certificate / report issued by Client / Billing system solution provider shall be submitted.
- (d) The bidder Should have valid ISO 9001:2015 certification and copy of valid certificate shall be submitted
- (e) The bidder Should have IEC/ ISO 27001 certification or CMMi Level 3 (or above) certifications and copy of valid certificate shall be submitted

Power sector shall mean projects relating to generation or transmission or distribution of electricity.

3.3 Financial :

Average Annual Financial Turnover of the tenderer during the last three financial years, ending **31/03/2025** (viz.2022-23, 2023-24 and 2024-25) shall not be less than **Rs.31,06,210/-**

Note 1: Similar Work(s) means SITC of AMI system for smart meters including Operation & Maintenance.

Note 2: Following enhancement factors will be used for the costs of Works executed for bringing the financial figures to a common base value in respect of the Works completed in past years:

Table 1.1

Year before	Multiplying Factor
One year [2024]	1.07
Two years [2023]	1.14
Three years[2022]	1.21
Four years [2021]	1.28
Five years [2020]	1.35
Six years [2019]	1.42

Note 3: Satisfactory Clients’/Owners’ Certificate or documentary proof shall be submitted in support of the Assignments/ Works performed and claimed by the Tenderer / Partners, in Annexure-4(a)/4(b) to fulfill the Eligibility Criteria for Qualification.

Note 4: The Works reckoned for the above purpose are those executed by the Tenderers as Prime Contractor and approved by the Employer of the Work(s) against which the Tenderer has claimed his experience; it will be considered for qualification only if documentary proof of such authorization / approval of the Employer are submitted.

Note 5: The experience certificate of Works executed in private sectors/organisations shall be considered for qualification, only on submission of **Form as per Annexure-5(a)** certified by Chartered Accountant for the transaction of the Project, along with Work Order and Completion Certificate. **Chartered Accountant is to provide their UDIN (Unique Document Identification Number) while certification with QR code if available.**

Note 6: A statement duly certified by the Chartered Accountant showing the Average Annual Financial Turnover during the last three financial years and Annual Accounts duly certified by a Chartered Accountant shall be submitted along with the tender. This may be furnished in the Proforma in ‘**Annexure-5**’ of the tender document. **Chartered Accountant is to provide their UDIN (Unique Document Identification Number) while certification with QR code if available.**

3.4 **Other Eligibility Considerations:**

Even though the tenderers meet the above qualifying criteria, they are subject to be disqualified if they have made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements; and/or record of poor performance such as abandoning the works/purchases, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc.. In this regard the firm should submit a declaration that they have no record of poor performance, at the time of submitting the tender.

3.5 BID INFORMATION SHEET

A	Bid No.	No.F1/T-2/AMI-SMART METER/2025/M Dated 30.10.2025
B	Name Of Work	SITC of AMI System for the Smart Meters installed at Cochin Port Authority and Providing O&M for 5 years thereafter
C	Brief Scope Of Work	Supply, Installation, Testing & Commissioning of AMI System consisting of Head End System and Meter Data Management System and providing O&M for the AMI system for 5 years thereafter
D	Tender E-Publication Date	30.10.2025
E	Type Of Bidding System	e-Tender through e-Tendering portal www.tenderwizard.com/COPT
F	Type Of Tender	Single stage 2 cover system with EMD
G	Language Of Tender And All Correspondences	English
H	Download Period Of Tender Documents	FROM 30.10.2025 TO 20.11.2025 2.30 PM
I	Date, Time & Venue Of Pre-Bid Meeting	Pre-bid meeting will be held in the CME's office of CoPA on 06.11.2025 11.00 AM , through Video Conference to answer clarifications, if any, on the bid document and the link will be shared to the bidders on their request.
J	Online Bid-Submission Deadline Date	20.11.2025 3.00 PM
K	Techno- Commercial Bid Opening	20.11.2025 3.45 PM in e-tender portal , at the Office of the Chief Mechanical Engineer, 1st Floor, New Administrative Building, Cochin Port Authority, Cochin After the deadline for submission of tenders, only technical submission will be opened on the due date of tender opening. Only tenders that are responsive to the mandatory requirements in the technical evaluation shall have their financial submission opened.
L	Price Bid Opening	Date and time will be informed later to the eligible bidders. The price shall be fixed. The currency in which the prices shall be quoted shall be: Indian Rupees (INR) Prices quoted shall be net excluding GST
M	Estimated Amount Put To Tender	Rs.1,03,54,040/- excluding GST
N	Cost of Bid Document (Exemption will be Given As Per Cl. No.3.6(j) Below)	Rs.2360/- including 18 % GST . The cost of bid document and shall be furnished in the form of Demand Draft/ Banker's Cheque drawn in favour of FA & CAO, CoPA or through RTGS/ NEFT mode.

O	Earnest Money Deposit (Exemption will be Given As Per Cl. No.3.6(j) Below)	Rs.2,07,080/- (Rupees Two Lakh Seven Thousand Eighty only) shall be furnished either in the form of Insurance Surety Bond or through account payee Demand Draft, Banker's Cheque or an irrevocable Bank Guarantee drawn in favour of Financial Adviser & Chief Accounts Officer, CoPA, enforceable/ encashable at Kochi, from any Commercial Banks or online payment (State Bank of India, Cochin Port Authority Branch, IFSCCode:SBIN0006367,Account No.41401802288), in an acceptable form safeguarding the interest purchaser's interest in all respects. The bid security shall be valid for a period of 45 days beyond the final bid validity period.
P	Contract Period	The AMI system shall be commissioned within 90 Days and O&M for 5 years thereafter
Q	Validity Of Tender	Bid shall remain valid for a period of 120 days from the date of Tender opening.
R	Contact Details Of e-tender portal	e-Tender Help Desk No.080-40482000 / 9746118529 / 9605557738.
S	Name, Designation, Address And Other Details (For Submission Of Tender))	The Chief Mechanical Engineer, Cochin Port Authority, 1st floor, New Administrative Building, Willingdon Island, Kochi-682 009 Tel. 0484-2666639, 2582300, 2582352 Email: cme@cochinport.gov.in ; dycmeele@cochinport.gov.in

3.6 General

- a) The Scope of the work of this tender includes "Supply, Installation and Testing & Commissioning of AMI System for SMART Energy meters consisting of Head End System and Meter Data Management System and providing O&M for the AMI system for 5 years thereafter". Detailed Scope of Works is given in Section-IV, Technical Specifications.
- b) Cochin Port Authority will not be held responsible for any technical snag or networks/ purchase failure during online bidding. It is the bidder's responsibility to comply with the system requirement, i.e. hardware, software and internet connectivity, at Bidder's premises to access the e-tender Portal.
- c) Under any circumstances, Cochin Port Authority shall not be liable to the Bidders for any direct/ indirect loss or damages incurred by them, arising out of incorrect use of the e-tender Portal or internet connectivity failures. The bidders are requested to watch the **e-tender Portal/ CoPA website / CPPP Website viz. www.tenderwizard.com/COPT/ www.cochinport.gov.in / www.eprocure.gov.in** for Addendums / Amendments/ Errata / Replies to the queries of the bidder etc., if any, issued by the Employer, and upload a copy of the Tender Document and Amendments / Corrigendum duly signed on all the pages by the Authorised signatory with Company seal affixed.
- d) Tender documents can be downloaded from the e-Tendering portal www.tenderwizard.com/COPT on the dates specified in Table above by making online requisition. Bid document will also be available in Cochin Port website (www.cochinport.gov.in) as well as Govt. tender website, www.eprocure.gov.in, which can be downloaded for submission. **The cost of bid document and EMD shall be furnished on or before the due date and time for Submission of bid. Non submission of original financial document towards cost of tender document and EMD will make the tender liable for rejection, and such tenders would not be evaluated further.**

- e) The bidders need to obtain the one time User ID & password for log-in to in **e- Tendering** system from the service provider **KEONICS** by paying registration amount by online Payment using Credit/Debit Card/Net banking or DD in favour of “KSEDCL, Bangalore”.
- f) The intending bidder must have valid Class-II or III digital signature certificate to submit the bid. For further details and to obtain the digital signature, please contact e-Tender Help Desk No.080-40482000 / 9746118529 / 9605557738.
- g) Tenders shall be submitted “**online**” strictly in accordance with the Instructions to Tenderers and Terms & Conditions given in the tender document.
- h) The bidder is responsible to download Addenda/ Amendments/ Errata/ Replies to the queries of the bidders etc., if any, issued by the Employer, from the website before submission of the bid. **Any shortfall in uploading the said Addenda/ Amendments/ Errata/ Replies to the queries of Tenderer etc. duly signed along with the downloaded documents while uploading the Tender will render the Tender incomplete and such incomplete Tender Documents may be rejected by the employer and would not be evaluated.**
- i) All Bids are to be submitted **online only** in the website [www.tenderwizard.com/ COPT](http://www.tenderwizard.com/). No Bids shall be accepted off-line (Hard copy). Bank details of Cochin Port Authority are as follows: State Bank of India, Cochin Port Authority Branch, IFSC Code: SBIN0006367, Account No.41401802288.
- j) Exemption from the payment of Cost of Tender Document and EMD shall be given to Micro and Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by the Department of Micro, Small and Medium Enterprises (MSME) or are registered with the Central Purchase Organization or the concerned Ministry or Department. The tenderers shall furnish a copy of the NSIC / MSME / UAM certificates for the exemption of EMD along with the Technical bid. Such Certificates should mention the QR code of such registration. The scanned copy of Exemption Certificate duly notarized shall be uploaded in the e-Tender Portal. If the Registration Certificate does not pertain to the Category of ‘Similar Works’ mentioned above, the Tender will be rejected.
- k) Format for Self-Certification under Preference to “MAKE IN INDIA” Policy CERTIFICATE as per **Annexure – 17** - In line with Government Public Procurement Order No. P-45021/2/2017-BE-II dt. 15.06.2017 and No.P45021/2/2017-PP (BE-II) dt. 04.06.2020 as amended from time to time along with clarifications/amendments and other references as issued from time to time, the Contractor has to certify that they are meeting the requirement of Minimum Local Content in goods/services/ works to be supplied by local supplier as per declaration. (Class-I Supplier (50%) or Class-II Supplier (20%) or Non-Local Supplier (Less than 20%))
- l) The bidder should not have been blacklisted or debarred by any Central / State Government / Agency of Central / State Government / Public Sector Undertaking / Regulatory Authority of India at the time of submission of this bid. In this regard the firm should submit a declaration that they have not been blacklisted or debarred by any Central /State Government/ Agency of Central / State Government/ Public Sector Undertaking / Regulatory Authority of India at the time of submission of bid.-**Annexure 9**.
- m) The undersigned reserves the right to reject/cancel/postpone/annul the tenders at any stage of the tender without assigning any reason thereof, which will be binding on all bidders.
- n) This tender notice shall form part of the tender document and are to be signed and uploaded along with the technical bid.

Sd/-

CHIEF MECHANICAL ENGINEER