Ref:- F1/T-4/400kW-SOLAR/2026/M-Corrigendum/ Amendment to tender document as per Pre-Bid meeting held on 14/10/2026
Tender for Implementation of400 kW Grid Connected distributed Solar PV Plants at Various location of Cochin Port Authority under EPC Mode, including AMC for 10 years for the new PV Plants and AMC of existing 150kW Roof Top and 100 kW Ground Mounted Solar Plants

COCHIN PORT AUTHORITY
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OFFICE OF THE
CHIEF MECHANICAL ENGINEER
Willingdon Island, Cochin 682 009.

No.F1/T-4/400kW-SOLAR/2026/M

Dated:23/10/2026

CORRIGENDUM 1 – CLARIFICATIONS TO PRE-BID QUERIES

Sub: Tender for "Implementation of 400 kW Grid Connected distributed Solar PV Plants at Various location of Cochin Port Authority under EPC Mode, including AMC for 10 years for the new PV Plants and AMC of existing 150kW Roof Top and 100 kW Ground Mounted Solar Plants"– **Clarifications to pre-bid queries/Amendment to Bid Document** – Reg.

Ref: This office BID No.**F1/T-4/400kW-SOLAR/2026/M** Dated 06/10/2026.

The replies to pre-bid queries/ addendum/ amendments to Tender Document are attached. For further details, please log on to www.cochinport.gov.in / www.eprocure.gov.in / www.tenderwizard.com/COPT portal. The bidders are requested to submit their bids after going through the Corrigendum/ Amendment and also upload copies of the corrigendum duly signed on all the pages to ensure that the bid is as per the corrigendum/ amendment.

Please note that the last date of submission & due date of opening of subject tender has been extended up to **03/11/2026 at 15.00hrs & 15.30hrs** respectively.

This corrigendum will form the part of the Tender document.

23/10/26

CHIEF MECHANICAL ENGINEER (i/c)

AE(ME)

Ref:- F1/T-4/400kW-SOLAR/2026/M-Corrigendum/ Amendment to tender document as per Pre-Bid meeting held on 14/10/2026
Tender for Implementation of400 kW Grid Connected distributed Solar PV Plants at Various location of Cochin Port Authority under EPC Mode, including AMC for 10 years for the new PV Plants and AMC of existing 150kW Roof Top and 100 kW Ground Mounted Solar Plants

1. BIDDER 1					
No.	**RFP Reference(s)**	**Page No.**	**Content of RFP requiring clarification**	**Amendment/Clarification required**	**CoPA Response**
1	Technical Specification-Annual Maintenance Contract-clause 15.2	81	Items under AMC Covers the following: a. The new proposed Plants of Total Capacity 400kW. b. Existing 150 kW Rooftop Solar Power Plant c. existing 100 kW Ground-Mounted Solar Power Plant.	Kindly provide the technical details of the existing 150 kW rooftop solar plant commissioned in 2017 and the 100kW ground-mounted solar plant commissioned in 2019, including module and inverter make, model, quantity, Single Line Diagrams (SLDs), as-built drawings, and other relevant technical details.	**150 KW:** i) a)INV. – Make Delta, Model RPI –M30A : , 30 KW -Total - nos. 5 b) INV. – Make: Deye SUN33K-G03 , 33 KW- 1 No ii) PV Panel – Make: Radiant, Model RS250 P-60 , 250 Wp **100 KW:** i) a) INV. – Make : Delta , 30 KW- 1 No. b) INV. – Make : Deye, SUN33K-G03 , 33 KW- 3 Nos. ii) PV Panel – Make: Waaree - 325 Wp For any other details pls. visit site.
2	Technical Specification-clause 4.3	62	Capacity Utilisation Factor & Auxiliary consumption:	Kindly confirm that no CUF/PR/availability guarantee applies to existing plants.	No CUF/PR/availability guarantee applies to existing plants.

3	Technical Specification-Annual Maintenance Contract-clause 15.4	81	The AMC contractor shall bear all the labour / OEM Service charges during the entire AMC period including replacement & commissioning of defective/damaged items. The SIM service Charges for inverters communications shall be borne by the AMC Contractor for the Entire AMC Period.	Kindly clarify whether the cost of SIM cards and communication facilities is required for the existing inverters as well. Further, please confirm the ownership and accessibility of the existing monitoring portals and historical generation data, and clarify whether the existing energy meters are integrated with the AMI system.	Not Required for existing PV Plants, the Output of the existing systems are connected through smart Meters and integrated with the AMI system.
4.	Instruction to Tenderers-Performance Security- Clause 30.3	14	A separate Performance security for **10% of the total AMC charges for Ten years including taxes & duties** has to be furnished by the contractor for the proper completion of the AMC period. This Performance Security furnished shall be valid till 3 months after the satisfactory completion of the 10 years AMC period. This Performance Security will be released/ refunded to the contractor not later than 60 days after satisfactory completion of the AMC period and release of payment of final bill for AMC	Considering the practical difficulties in obtaining a bank guarantee with a validity covering the entire ten-year AMC period, kindly permit the submission of the Performance Security through bank guarantees renewable at periodic intervals, such as every three years, or through a declining-balance mechanism. Further, kindly confirm whether the 10% Performance Security shall be calculated on the total AMC value inclusive of GST and other applicable taxes and duties.	Tender condition Prevails. However BG with 5 years validity may be considered on subsequent renewal basis. 10% Performance Security shall be calculated on the total AMC value inclusive of GST and other applicable taxes and duties.
5	Technical Specification-clause 4.3 Technical Specification-	62 73	The minimum capacity utilization factor and the maximum auxiliary consumption for solar project are as follows: CUF: 21% (Minimum) *Hot dip GI galvanized mounting structures may be used for mounting the modules/ panels/arrays. Each*	Kindly clarify whether the minimum CUF requirement of 21% is applicable only during the first year of operation. From the second year onwards, the annual energy generation is expected to reduce gradually due to the natural degradation of solar PV modules.	CUF @21% has to be maintained during the contract period.

	clause 5.3(a)		*structure should have angle of inclination as per the site conditions to take maximum isolation. However to accommodate more capacity the angle inclination may be reduced until the plant meets the specified performance ratio requirements.*	Accordingly, we request that the applicable degradation be considered while assessing the CUF in subsequent years, and that the CUF requirement be adjusted proportionately over the contract period.	
6	NIT – Clause 3.3	5	The Bidder shall have valid "B" Class Electrical Contractor's license or above, issued by any State/ Central/ Union Territory, Licensing Authority. In case the Bidder does not possess "B" Class Electrical Contractor's license, the Bidder may execute the work through a licensed Contractor and shall submit an undertaking to this effect on Kerala Stamp Paper of value Rs.200/-along with the Bid.	Kindly permit the submission of the required undertaking on non-judicial stamp paper of the equivalent prescribed value issued in the respective state of execution or bidder's state, as applicable, instead of insisting exclusively on Kerala Stamp Paper.	Acceptable
7	Annexure-20: Manufacturer's Authorization Form (MAF)	123	We hereby extend our full technical support including supply of spares for a minimum of 2 years as per terms and conditions of the tender and the contract for the equipment and services offered against this invitation for tender offer by the above firm. In case of M/s------ is out of service due to any reason, we will make alternative arrangement for the service and maintenance of our product on same terms and conditions.	We wish to bring to your kind attention that OEMs are not willing to issue the Manufacturer's Authorization Form (MAF) in the prescribed format, particularly due to the clause requiring them to make alternative service and maintenance arrangements in the event of the authorized firm ceasing operations for any reason. Since this obligation is beyond the OEM's direct control and is not acceptable to several OEMs, we kindly request you to relax or suitably modify this clause.	Tender conditions prevails

				Alternatively, we request that the MAF be permitted in the OEM's standard format, provided that the OEM confirms the required technical support and availability of spares for the stipulated minimum period of two years. This modification would facilitate wider OEM participation while ensuring adequate technical support and service commitments for the project.	
2.	**BIDDER 2**				
1	NIT – 3.MQC-3.2 Technical Criteria	5	The Bidder shall be an MNRE empanelled/ experienced solar PV EPC contractor or channel partner, having successfully executed, commissioned and operational grid connected solar PV project" and should have successfully completed "**similar works"** during last 7(seven) years ending last day of month previous to the one in which tenders are invited	We are the Authorised Channel Partner so can we show the Experience of our Partner ? kindly confirm	Tender conditions prevails
2	NIT – 3.MQC-3.3	5	The Bidder shall have valid "B" Class Electrical Contractor's license or above, issued by any State/ Central/ Union Territory, Licensing Authority. In case the Bidder does not possess "B" Class Electrical Contractor's license, the Bidder may execute the work through a licensed Contractor and shall submit an undertaking to this effect on Kerala	We have the existing electrical contractor who have this license so there license can be consider or not ? Kindly Confirm If yes than agreement in different state stamp Paper can be consider or not ?	In case the Bidder does not possess "B" Class Electrical Contractor's license, the Bidder may execute the work through a licensed Contractor and shall submit an undertaking to this effect on **Kerala or any other State Stamp Paper** of value Rs.200/-along with the Bid.

			Stamp Paper of value Rs.200/-along with the Bid.		
3	Site Visit			Kindly confirm Site Visit is Compulsory or not? And When we can plan for the Site Visit and share the Concern Person details	Not Compulsory , however the contractor is free to visit the site during office hours for checking the site conditions at any time before opening the tender with prior information.
4	NIT – 3.MQC-3.2 Technical Criteria	5	The Bidder shall be an MNRE empanelled/ experienced solar PV EPC contractor or channel partner, having successfully executed, commissioned and operational grid connected solar PV project" and should have successfully completed "**similar works**" during last 7(seven) years ending last day of month previous to the one in which tenders are invited	Could you kindly clarify whether this provision refers to a channel partner of a **solar module manufacturer** or **an EPC company**?	Tender conditions prevails
5	NIT- Bid Submission due date	3	Online Bid Submission Deadline Date – 27/10/2026 up to 3.00PM	we kindly request you to extend the tender submission due date by at least **two weeks** and provide your response to our queries at the earliest.	Refer corrigendum.

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23/10
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