

**AMENDMENTS/ CLARIFICATION TO PRE-BID QUERIES**

**Tender No. F2/T-8/ Floating Solar-1.5MWp/2020/M**

**Name of work: - Tender for “Site Survey, Design, Engineering, Manufacture, Supply, Storage, Civil work, Erection, Testing & Commissioning of 1.5MWp Grid Connected Floating Solar PV Project in the Backwaters near CoPT’s walkway avenue between BOT junction and Kannangatt bridge at W/Island, Cochin Port Trust, Kerala including Operation & Maintenance (O & M) of the project for a period of 25 (Twenty Five) Years under RESCO Model ( BOOT) after Operational Acceptance”**

Section/ Name of bidder	Query No	Clause No	Description	Query	Clarification /Amendments
SECTION - II INSTRUCTION TO BIDDERS (ITB)		16 of Sec.II-ITB	Part commissioning of the Project shall be accepted by COPT subject to the condition that the minimum capacity for acceptance of first and subsequent part(s) commissioning shall be <b>0.0.5 MW,</b>		Item may be amended and read as "Part commissioning of the Project shall be accepted by COPT subject to the condition that the minimum capacity for acceptance of first and subsequent part(s) commissioning shall be <b>0.5 MW...</b> "
SECTION - II INSTRUCTION TO BIDDERS (ITB)		5 and 9 of Sec.-II ITB	All approvals, permits and clearances required for setting up of the Project (excluding Environmental Clearance) including those required from State Government and local bodies shall be in the scope of the SPD. All the expenses for obtaining such clearance shall be borne by the SPD only. However, the environmental clearance if any shall be in the scope of Cochin Port Trust		Item may be amended and read as "All approvals, permits and clearances required for setting up of the Project, including those required from State Government and local bodies shall be in the scope of the SPD. All the expenses for obtaining such clearance shall be borne by the SPD only. <b>The environmental clearance, if required, shall be obtained by the SPD"</b>
<b>Bidder 1</b>	1	3 of Sec.II-ITB	The SPD will obtain connectivity of the project.....The CoPT shall facilitate for obtaining connectivity in consultation with other statutory bodies. However the cost for getting the clearance from the statutory bodies shall be borne by <del>the SPD</del>	Since the connectivity will be in the name of CoPT, the cost for getting the clearance from the statutory bodies shall be borne by CoPT.	Tender condition prevails.
	2	4of Sec.II ITB	The SPD need to bear the water body lease charges as per the estate rentals of CoPT with annual escalation @ 2 percent subject to change of rent periodically for every 5 years. The rate of water body as on 21/08/2016 was INR 15, 44,807/- per hectare per annum and it shall be paid directly to CoPT. The SPD shall sign lease agreement with the CoPT accordingly.	In floating solar tenders, the water body lease charges are kept nominal. Since the developer will have to consider these charges while quoting the tariff, a high water body lease charge will have a direct impact on the tariff for the project, which is fixed by CoPT at Rs. 3.97/unit. Kindly revise the rate for the water body.	There is no lease or license involved in this project.

3	11 of Sec.II-ITB	Bidders selected by CoPT based on this RfS shall submit Performance Bank Guarantee for a value @ INR 67.50 Lakh within 21 days of issuance of Letter of Intent (LoI) or before signing of PPA, whichever is earlier.	Normally, Govt. tenders have a PBG requirement of ~Rs. 10-15 lakhs per MW. Kindly reduce the Performance Bank Guarantee amount accordingly to be ~Rs. 20 lakhs. Furthermore, as per common industry practice, Performance Bank Guarantee to be submitted within 30 days after PPA signing.	Tender conditions prevail.
4	14 of Sec.II-ITB	A copy of standard Power Purchase Agreement (PPA) to be executed between COPT and the selected SPD will be made available on website of COPT.	Kindly adopt the standard PPA of SECI, approved by MNRE. (Attached)	PPA uploaded herewith as Corrigendum-PPA
5	1 of Annexure-F- A. Guidelines for scrutiny / inspection of Solar Energy System	The minimum qualification for carrying out the installation work of a solar energy system shall be a B-Class Contractor licensee and depending up on the capacity of installation, eligible contractors can carry out the work.	We are a developer with a portfolio of more than 150 MW of projects across India. Kindly remove the requirement for a contractor license.	Electrical works should be done through a licensed contractor since clearance has to be obtained from the Central Electricity Authority (CEA). The tenderer shall hold valid "A-Class" license or should have a tie-up with a firm having "A-Class" license. A copy of the license shall be submitted along with the tender or furnish an undertaking that he will tie-up with a contractor having A class license incase of award of contract.
6	General	Construction Water & power supply	Given the project size, construction Water & power supply should be provided by CoPT.	The CoPT will provide only power supply on chargeable basis. Water shall be arranged by the contractor.
7	General	Bid due date	Kindly extend the bid due date further to at least end of June, so that the interested parties may schedule a site visit which is currently not possible due to the risk and restriction for travelling. Also, it would take some time for the bidders to collaborate with some other entity to bid for the project.	Last date for submission of bid and due date of opening of bid is extended up to <b>15/07/2020</b> .

**Bidder 2**

			<b>General points:</b>	
1	4 of Sec.II ITB		A maximum tariff of 3.97/ kWh for 25 years is less considering floating solar cost, so it is requested to please increase it.	As there is no lease or license involved in this project, the maximum tariff remains the same i.e.Rs.3.97/kWh.
2	1 of Sec.I IFB		Site details are not provided. Can you please provide the latitude & longitude of the site?	The geographic location of the backwaters of CoPT Walkway is as follows: Latitude:09 55.7N Longitude:076 16.6E
3	8 of Sec.II- ITB		CUF limits for 25 years are constant it needs to be adjusted considering the degradation of the modules.	CUF limits is fixed by the State Regulatory Commission, hence tender condition prevails.
4			Reservoir drawing and pics.	Drawings hereby uploaded as Corrigendum-Drawing
5			Termination station SLD and details are not provided. (spare feeder and another requirement)	The existing HT SF6 RMU/ Air break RMU near the location has to be extended by adding the switch gears. Any modifications of substation building is under contractor's scope.
6			PPA is not been uploaded on the site so terms of the contract are not clear.	Draft PPA is uploaded.
7			Is CoPT giving a 100% offtake guarantee?	Yes
			<b>The following information is required for designing a floating solar:</b>	
8			Dimensions (or area) of waterbody available? (Alternatively google coordinates can be provided for each waterbody for us to estimate the same)	Location: <a href="https://maps.google.com/?q=9.930979,76.279625">https://maps.google.com/?q=9.930979,76.279625</a> ; Edakochi Kayal (Kochi, Kerala, India): <a href="https://maps.google.com/?q=9.929129,76.277534">https://maps.google.com/?q=9.929129,76.277534</a> ; NH 966B (NH 966B, Kochi 682006, Kerala, India).
9			Depth and Contour Survey of the said waterbody if available.	Site survey which includes bathymetry of the site is in the scope of bidder. Available latest bathymetry chart is uploaded.
10			Quality parameters of water at the site if available (Fresh-Water / Saline / Recycled).	Saline
11			The distance of the proposed float area from the edge of land.	SPD shall determine the float area after site survey.
12			Historical water levels.	Tide table for three months uploaded
13			Highest and the lowest water level of the pond.	Tide table for three months uploaded

<b>Bidder 3</b>	1			Please share site location image/ location to analyse the site	Uploaded
	2	4 of Sec.II ITB	Tender clause – “12.SPD need to bear the water body lease charges as per the estate rentals of CoPT with annual escalation @ 2 percent subject to change of rent periodically for every 5 years. The rate of water body as on 21/08/2016 was INR 15, 44,807/- per hectare per annum and it shall be paid directly to CoPT. The SPD shall sign lease agreement with the CoPT accordingly.”	Kindly provide clarification on WATER BODY LEASE CHARGES: Lease charge of INR 15,44,807/- per hectare per annum is very high considering 1.5 MWp capacity & maximum permissible levelised tariff of Rs. 3.97/kwh. It will account for around 6-7 Crs liability to Solar Power Developer without considering escalation of 2% for entire 25 years duration. Kindly clarify on Lease charges.	There is no lease or license involved in this project.
<b>Bidder 4</b>	1	4 of Sec.II-ITB	The maximum tariff payable to the Project Developer is fixed at INR 3.97/kWh for 25 years	Request to lift the tariff cap as the tariff mentioned is improbable to achieve	Tender conditions prevail as there is no lease or license involved in this project.
<b>Bidder 5</b>	1			Solar interconnection point-Is necessary breaker available for interconnection?	The existing HT SF6 RMU/ Air break RMU near the location has to be extended by adding the switch gears. Any modifications of substation building is under contractor's scope.
	2			What is the DC:AC ratio?	The bidder should ensure 1.5MWp at 11kV as per the standard.At the 11kV side, the AC output shall be1.5MWp at standard test conditions.
	3			We are MSME registered in Chennai, can we take printout of Integrity Pact in non judicial stamp paper of Tamil Nadu	Plain white paper
	4			As per tender document offline submission of Integrity Pact is mentioned in Cover A and B. In which envelope should we place the Integrity Pact Cover A or B ?	Cover A (Technical Bid)
	5			Format for Board Resolutions - Format 7.4 is struck off in the tender document. Should we submit this document?	Format 7.4 (Board Resolution) has to be submitted (Corrigendum-Board resolution format)
	6			Which is the Solar interconnection point to be considered - 11kv substation 500mtrs away or 110KV Substation 2-3km away?	11kV feeder point is approx.500m away
	7	Item no:4 of Sec.II ITB		Should the project be 0.75MWp - 2 Nos with separate meter & interconnection or can we consider a single Solar plant of 1.5MWp with single meter & interconnection? Kindly share schematic that you propose.	Tender condition prevails -0.75MWp x 2nos

	8		Since we are MSME registered, we are eligible for exemption of EMD & processing fee, hence can we strike off the Clause 2 of Format 7.1 Covering Letter?	For MSME regd firms EMD and Tender fee are exempted, provided the item tendered is mentioned in the MSME certificate.
	9		PPA	Draft PPA uploaded
	10		Integrity Pact	Already available in the tender document (uploaded herewith)
	11		BOQ	Available in the e-portal
	12		Pre Bid meeting discussion	Uploaded
<b>Bidder 6</b>	1		kindly consider and extend the date upto 5-7 days	Last date for submission of bid and due date of opening of bid is extended up to <b>15/07/2020</b> .
<b>Bidder 7</b>	1		Do we need permission to execute/start the project work at site after getting the LOA at any stage of work.	All the statutory clearances have to be taken for the water body before starting the work.
	2		As per the para no. 4 on page no. 6 of the tender you have mentioned that the "Maximum tariff payable to SPD is fixed at INR 3.97/KWh for 25 Years but as per the current market cost is coming Approx Rs. 8.00/KWh but this condition should not be in it, as it has been expelled by Indian government.	Tender condition prevails, since lease or license is not involved in this project.
	3		The Cochin Port Trust should appoint an agent who helps provide important key information to the bidder/contractor/Purchaser.	Since the scope of the tender includes Site survey, design, engineering, manufacture, supply, storage, Civil works, erection, testing and commissioning of the 1.5MWp grid connected floating solar PV project, it is the responsibility of the SPD to collect all the informations during site visit.
	4		As per the Para no. 4 on page no. 17 you have mentioned that "The SPD needs to bear the water body lease charges as per the estate rentals of CoPT with annual escalation @ 2 percent subject to change of rent periodically for every 5 years. The rate of water body as on 21/08/2016 was INR 15, 44,807/- per hectare per annum and it shall be paid directly to CoPT. The SPD shall sign a lease agreement with the CoPT accordingly." Kindly elaborate the same point to avoid the misunderstanding.	There is no lease or license involved in this project.

Sd/-

**CHIEF MECHANICAL ENGINEER**