

**Gujarat State Project Management Unit (SPMU) – ICZM Project
Gujarat Ecology Commission, Gandhinagar**

**National Competitive Bidding
for**

**Supply & Installation of Solar Renewable Energy Applications and Related Services
(SPMU/ GEC/ NCB/ 01/ 2015–16)**

Proceedings of the Pre-bid Meeting held on 21/10/2015 at 3.00 P.M.

1. A pre-bid Meeting relating to the National Competitive Bidding for Supply & Installation of Solar Renewable Energy Applications and Related Services (SPMU/ GEC/ NCB/ 01/ 2015–16) was held at the SPMU conference room on 21/10/2015 at 3.00 P.M. The Meeting was chaired by Senior Manager Project, ICZM Project.
2. Following participants were present.
 1. NRG Technology, Vadodara
 2. Vimal Electronics, Gandhinagar
3. Initiating the discussions, the Senior Manager Project, ICZM Project briefed the participants on the details of the ICZM Project and explained the bidding procedure as well as the provisions of the bid documents including the terms and conditions relating to the procurement. The participating bidders were also informed that the SPMU will conduct the bidding procedure and take it up to the stage of acceptance and notification for award of contract. The successful bidder will have to sign and execute the contract with the GEC, who will administer and manage the contract.
4. The participating bidders raised certain queries relating to technical as well as commercial aspects, which are summarized hereunder along with the SPMU Response and clarification to the queries. A separate corrigendum is also issued covering the amendments to the bid documents.

Sr. No.	Reference Page/ Point No.	Queries raised by the bidders	SPMU's Response and Clarification
1.	On page 59 Delivery for Solar dryers - 90 days. This is too short for a customized item like Solar dryer.	Any supplier shall require at least about 6 months supplying the solar dryer.	Delivery 180 days.
2.	On page 68 - out of 10 dryers, only 8 locations have been mentioned.	Bidder needs the other locations too, so that they can estimate costs properly. Another important point is	Other two locations are as under 1. Andharvandh

		that The solar dryers will need to be installed in locations which do not get submerged. These 200kg dryers shall be large in size and relocating them is not possible. Thus selection of location should be such that there is no water logging there and there is no need to shift the dryers from one place to another.	2. Nimanivandh
3.	On Page 81, 4 (ii) Stand-Alone Off-Grid Solar PV Street lights and On Page 85, 1(ii) Stand-Alone Off-Grid Portable Solar Home Light Systems: As per tender document, battery should be Lead Acid Sealed Maintenance Free (SMF) Valve Regulated (VRLA)	Lithium-Ion battery should be incorporated in the technical specification of SLSs & HLSs. Sizing of Li-ion battery should be done separately and reference can be taken from MNRE State Nodal Agencies like CREDA, JREDA etc.	Acceptable and hence Lithium ion battery for SLSs & HLSs Sizing of these battery should be done separately and reference can be taken from MNRE State Nodal Agencies like CREDA, JREDA etc.
4.	On Page 108. Specifications for Solar dryers - Glass - 4mm toughened	Bidder requested an option for giving Multiwall polycarbonate or PVC sheets (unbreakable and suitably UV resistant), so as to minimize breakage of glass during transit and at site during usage.	Agreed Multiwall polycarbonate or PVC sheets (unbreakable and suitably UV resistant) or any another material of equivalent quality may also be acceptable.
5.	Absorber material - Aluminum Highly selective	Bidder requested the flexibility to use Aluminum or Copper material and Selective or Black painted.	Acceptable Bidder can have flexibility of use of Aluminum/ Copper or any superior quality material.
6.	On page 109 Other Specification: 5.(viii)- Mounting Assembly-Modularity- Quick assembly and disassembly.	These are large solar dryers and require large area, it is not feasible to assemble and disassemble them. Thus this criteria should be removed and these solar dryers to be installed at places where there is no water logging throughout the year.	Solar dryer to be installed at permanent location.
7.	On page 111, 8 (i.) Measurement of Methodology: Moisture to be removed - 90% to 5%.	Since this might vary for different type of fishes , it is not possible to guarantee 85% reduction. What bidders propose is the following : Initial weight of Wet fish - 100gms Final Full dry weight of fish in autoclave - 10gms Thus Total moisture in fish - 90gms Example - 85% (or x amount) of	Accepted. The solar dryer should remove in two days 76.5 gms of moisture per 100gms of fish.

		this moisture, should be removed by the solar dryer in 2 days. Thus the solar dryer must remove $90 \times 0.85 = 76.5$ gms of moisture per 100gms from the fish.	
8.	* Freezing and finalizing of appropriate site	It was proposed that bidder & GEC should fix the place for mutual consent at the location as agreed by Panchayat/ Local Body	It was agreed that the site will be fixed by mutual consent.
9.	JV bids not allowed : JV is not allowed	Bidder requests to allow JV in order to meet financial criteria. Kindly let us know the format and other details.	Joint Ventures is allowed (Refer Corrigendum-3)
10.	On page 189, GCC 16.1 Payment terms	It was represented that payment should be made on pro rata basis instead of 100% after installation.	No change in Tender term

5. Considering the discussions and deliberations at the pre-bid meeting, a corrigendum to the bid documents is issued separately.

The Meeting ended with a vote of thanks to the chair.