

Ref. Clause	Existing Provision	Extended/Revised Provision
Point no. (c) of Clause A - Solar Home Lighting System of Section 4 - Detailed Scope of work	Battery: 12.8 Volts, 75 Ah (Approx 1000 Wh) Lithium Ferro Phosphate	Lithium Ferro Phosphate Battery Specifications: (a) 12.8 Volts, <b>80 Ah</b> (Approx 1000 Wh). (b) <b>Should comply IS 16046 &amp; IEC 62133</b> (c) <b>Should be made in India, accordingly proof of manufacturing should also be provided apart from test certificates.</b>
Point no. (e) of Clause A - Solar Home Lighting System of Section 4 - Detailed Scope of work	Solar Charge Controller 12V, 10 A with Maximum Power Point Tracking (MPPT) to appropriately charge and protect the battery against over charge	Solar Charge Controller 12V, <b>20A</b> with Maximum Power Point Tracking (MPPT) to appropriately charge and protect the battery against over charge.
Point no. f - LOAD (Supply & Connecting) of Clause A - Solar Home Lighting System of Section 4 - Detailed Scope of work	Load (Supply & connecting): (i) 5 Nos. of White Light Emitting Diode (W-LED) Luminaire (6.0 Watts each) with holders for 5-6 Hrs. / day with ON/OFF switches.  (ii) one BLDC (Brushless DC) Fan (20Watts) for 5-6 Hrs. / day.  (v) On line monitoring shall also be conducted through Mobile phone SMS (feature to be built-in).	Load (Supply & connecting): (i) 5 Nos. of White Light Emitting Diode (W-LED) Luminaire ( <b>7.0 Watts each</b> ) with holders for 5-6 Hrs. / day with <b>hanging ON/OFF piano type switches</b> . LED bulbs & bulb holder should be of <b>B 22 type</b> .  (ii) one BLDC (Brushless DC) <b>Pedestal</b> Fan (20Watts) for 5-6 Hrs. / day.  (v) <b>Charge Controller should have the feature of Bluetooth technology so that MIS data can be sent through said Technology to remote server whenever Bluetooth device comes across network.</b>
Point no. (g) of Clause A - Solar Home Lighting System of Section 4 - Detailed Scope of work	<b><u>Cables and wiring</u></b> (i) shall be laid underground or enclosed in pipe as per CPWD specifications between installation support and household.  (ii) All cables shall be terminated using copper lugs (ring type) duly crimped by a crimping machine	<b><u>Cables and wiring</u></b> (i) shall be laid underground or enclosed in pipe as per CPWD / <b>REC</b> specifications between installation support and household. (ii) All cables shall be terminated using suitable copper lugs / thimbles duly crimped by a crimping machine.

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		(iii) Addition of clause: 2 core 1.5 sq mm cable complying IS 694 has to be used for wiring throughout the connection of said loads in each beneficiary house.
	<p><b><u>Wiring Fixtures:</u></b>            (i) Rigid non-metallic 12mm dia conduits for electrical installations as per IS-2509 (latest amendment).</p> <p>(ii) Suitable tying materials like nylon cable ties or 16/18 SWG insulated GI wire            (a) 120mm Long - 4.8mm Wide            (b) 200mm Long - 4.8mm Wide            (c) 430mm Long - 4.8mm Wide</p>	<p><b><u>Wiring Fixtures:</u></b>            (i) PVC conduit should be of <b>20mm in diameter</b> for electrical house wiring as per IS-2509.</p> <p><b>(ii) Cable ties of 200mm Long - 4.8mm Wide</b> have to be used.</p>
Point no. 7 of General Eligibility Criteria of Section 5 Eligibility criteria for participation	The bidder should be having office / service center in Tripura. Registration certificate of office/service centre to be submitted by bidders.	Bidder has to give an undertaking on company's letterhead duly signed and stamped as per Annexure -16 enclosed herewith.
Point no. VI of PV MODULES Technical Specifications - Solar Home Lighting Standalone systems of Annexure 1	A distinctive serial number starting with NSM will be engraved on the frame of the module or screen printed on the tedlar sheet of the module	A distinctive serial number starting with <b>Saubhagya</b> will be engraved on the frame of the module or screen printed on the teller sheet of the module
Point no. III of ELECTRONICS - Technical Specifications - Solar Home Lighting Standalone systems of Annexure 1	The idle current should be less than 2 mA	The idle current should be less than 30 mA

Note: **Above all amendments are applicable in all respects in the said tender/NIT.**

Apart from above amendments, following are the clarifications based on queries raised by bidders at Pre Bid meeting dated: 14.08.2018.

**CLARIFICATIONS:**

Ref. Clause	Existing Provision	Query Raised	Clarification
PAYMENT TERMS	Clause no. 11 PAYMENT TERMS of Section 8 Commercial terms, conditions other provisions	Raising of Invoice after supplying 50 sets of Solar Standalone System.	Invoice raising & Payment clearances - Supply: (1) Bidder(s) have to raise Invoice when complete set of Solar Home lighting systems were supplied. (2) Bidder(s) have to raise invoice in total two tranches upon completion of 50% of the allocated quantity of Solar Home lighting systems of 300 Wp and accordingly payment may be cleared. In this regard decision of RECPDCL is final and should be abided by the bidder(s).
Invoice Raising & Clearance of payment	Invoice Raising & Clearance of payment as defined at Section 2 - Preface Intent	Address of Invoices.	1. All invoices/ claims shall be raised by the successful bidder(s) in the name of Owner, i.e., Tripura State Electricity Corporation Limited.  2. RECPDCL shall make payments on the submission of requisite documents and fulfillment of stipulated conditions by the successful bidder(s) under the Contract against their submitted invoices.
Clause no: 2 Earnest Money Deposit (EMD) of Section 8 Commercial Terms, conditions other provisions	EMD exemption is applicable if company is of MSME and submits authenticated certificate.	In case of JV/Consortium is it necessary that both members shall be MSME.  Exemption of EMD for PSU's.	In case of JV/Consortium, EMD exemption is valid if each of the JV/Consortium partner is of MSME nature and both submits authenticated certificate.  PSUs are not exempted in EMD etc.
Clause no. 3 Advance Bank Guarantee of Section 8 Commercial Terms, conditions other provisions	Clarity on opting mobilization advance / submission of Advance Bank Guarantee	Opting Mobilization advance & Submission of Advance Bank Guarantee is compulsory.	Opting of mobilization advance is optional.  If Bidder does not opt Mobilization advance, he has to submit a letter in original stating the same on company's letterhead with authorized person's signature to RECPDCL.

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Solar Equipment / components' Test reports - Point no. 11 Section 6 General Conditions of bid	Bidder has to submit test certificates/reports as specified in technical specifications from IECQ / NABL accredited laboratory for relevant IEC / Equivalent BIS Standard or MNRE approved test centers as applicable	Individual test reports are acceptable.	Test reports of NABL/IECQ/MNRE for all Solar Equipment / components are acceptable. Bidders' individual test reports cannot be accepted.
Point no. (c) of Clause A - Solar Home Lighting System of Section 4 - Detailed Scope of work	Battery: 12.8 Volts, 75 Ah (Approx 1000 Wh) Lithium Ferro Phosphate	Incorporation of 48V ELVDC System	Provisions of Bid Documents shall prevail.

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