



एनर्जी एफिशिएंसी सर्विसेज लिमिटेड  
विद्युत मंत्रालय के सार्वजनिक क्षेत्र के उपक्रमों की संयुक्त उद्यम कंपनी  
**ENERGY EFFICIENCY SERVICES LIMITED**  
A JV of PSUs under the Ministry of Power

**Amendment No.-3**

Ref: EESL/06/2019-20/KUSUM/SWPS /Phase-1/Off Grid//192007012/Amdt-3

Date: 17-09-2019

To,  
M/s .....

**SUB: Amendment no. 3** against NIT/Bid Document No.: EESL/06/2019-20/KUSUM/SWPS /Phase-1/Off Grid//192007012 for “Design, Manufacture, Supply, Transport, Installation, Testing and Commissioning of approximate 1,75,000 numbers of Off Grid Solar Photovoltaic Water Pumping Systems in selected states on PAN India basis, including complete system warranty and its repair and maintenance for 5 Years under MNRE off-grid and decentralized solar PV applications scheme on behalf of State Nodal Agencies (SNAs).”

**References:**

1. NIT/Bid Document No.: EESL/06/2019-20/KUSUM/SWPS /Phase-1/Off Grid//192007012, **E-tender Id – 1554.**
2. Amendment no -1 dated 27-08-2019
3. Pre Bid Meeting held on 28-08-2019 at 11:30 AM
4. Amendment no.-2 dated 09-09-2019.

Dear Sir/Madam,

**1. Following Clarification/Amendment(s) are hereby authorized:**

Sr. No.	Description/Query/ Clarification Required	As per RfP/Previous Amendments	Amended As/ Clarified as/Read as/ Incorporated as/Added as
1.	Document Sale Date & Timing i.e. Last Date for downloading RfP from website	From 21-08-2019 to 19-09-2019 (up to 1100 hours IST).	Extended up to 26-09-2019 (up to 1400 hours IST).
	Online Bid Submission Time	From 21-08-2019 to 19-09-2019 (up to 1130 hours IST).	Extended up to 26-09-2019 (up to 1430 hours IST).
	Technical E-Bid Opening Date & Time	On 19-09-2019 at 1200 hrs. (IST)	Extended up to 26-09-2019 (up to 1500 hours IST).

**2. Detailed Pre Bid Queries are attached herewith: -**

Rest all the terms and conditions of the RfP and subsequent amendment(s) remains unchanged.

For and on behalf of EESL



Deepak Mittal  
Officer (SCM)

पंजीकृत कार्यालय: एन. एफ. एल. बिल्डिंग, पाँचवा और छठा तल,  
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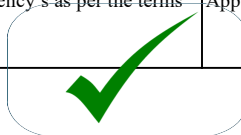
**REGISTERED OFFICE:** NFL Building, 5<sup>th</sup> & 6<sup>th</sup> Floor,

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<b>Tender Name</b>		<b>Design, Manufacture, Supply, Transport, Installation, Testing and Commissioning of approximate 1,75,000 numbers of Off Grid Solar Photovoltaic Water Pumping Systems in selected States on PAN India basis, including complete system warranty and its repair and maintenance for 5 Years under MNRE off-grid and decentralized solar PV applications scheme on behalf of State Nodal Agencies (Implementing Agencies).</b>		
<b>NIT /Tender No.</b>		<b>EESL/06/2019-20/KUSUM/SWPS/Phase-1/Off Grid/192007012 dated: 21-08-2019; E-Tender ID - 1554</b>		
<b>Sr. No.</b>	<b>Section No. Page No. Para No/ Clause No.</b>	<b>Description as per RFP</b>	<b>Queries/ Clarifications asked by the bidder</b>	<b>Modifications/Clarifications</b>
1	Section No. 4 Page No. 4 of 102 Para No/ Clause No. A	PDI Inspection has been mentioned.	What are the procedures of PDI. Whether PDI Has to be done in One location one can be done in Multiple locations.	PDI will be conducted at manufacturing units of major components like Solar PV Modules, Solar Pumps, Controllers etc.
2	Section No. 4 Page No. 5 OF 102 Para No/ Clause No. 13	“Successful bidder has to ensure working of minimum 95% of total installed SPWPS at any point of time”.	We can't show the progress with 95% is we receive the order simultaneously.	95% uptime of installed SPWPS needs to be ensured by the empanelled agency
3	Section No. 4 Page No. 62, of 102 Para No/ Clause No. 13,.	LABS AUTHORISED FOR SOLAR PUMP TESTING. The National Institute of Solar Energy and any other lab accredited by NABL for testing of solar PV water pumping system as per MNRE specifications and testing procedure are authorized to issue approval certificate on successful testing of a solar PV water pumping system.”	Whether the Test has to be done the Three labs as specified in 72 of 102 in point 3 or we can test in any lab approved by NABL.	The National Institute of Solar Energy and any other lab accredited by NABL for testing of solar PV water pumping system as per MNRE specifications and testing procedure are authorized to issue approval certificate on successful testing of a solar PV water pumping system
4	Section No. 4 Page No. 75 of 102 Para No/ Clause No.	Detailed Test certificate for SPWPS being offered meets Technical Specifications as per RfP.	Whether we have to Submit the Test Report during the bidding process or when the test report has to be submitted.	Test reports for each pump category bidder bids for (1 HP DC, 2 HP DC, 3 HP DC, 5 HP DC, 7.5 HP DC, 1 HP AC, 2 HP AC, 3 HP AC, 5 HP AC, 7.5 HP AC) at any head based on mnre technical specs 2015-16 will be considered for the qualification. However, bidder has to submit the test certificates for each pump category bidder bids for (1 HP DC, 2 HP DC, 3 HP DC, 5 HP DC, 7.5 HP DC, 1 HP AC, 2 HP AC, 3 HP AC, 5 HP AC, 7.5 HP AC) at any head based on mnre technical specs 2019 before Implementing Agency places the first NTP. Bidder has to provide a declaration as per attachment-16 (enclosed with this amendment)  In case Bidder fails to submit test certificates as per MNRE technical specs 2019 within 30 days of placing first NTP or a period specified by Implementing Agency, his empanelment will stand cancelled, without any prior intimation.
5	Section No. 4 Page No. 6 of 102 Para No/ Clause No. 3	The installation data should be punched in the Web Application Platform to be developed by Implementing Agency's as per the terms and conditions provided by MNRE”.	Whether the Implementing Agency will develop a Web Application or We have to develop?	Implementing Agency will develop the web application.



Signature :-  
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Serial No : F3FA77  
TS : a.bhattacharya(Ashim.Bhattacharya)  
Date : 17-09-2019

6	Section No. 4 Page No. 6 of 102 Para No/ Clause No. 8	"If complaint is not rectified within 3 days from the date of complaint received/informed to the bidder, in that case after 3 days INR 100 per pump/day penalty will be imposed, for first 3 days and thereafter Rs. 500/ per pump/day shall be imposed till the SPWPS put back to satisfactory working condition. This amount shall be recovered from running bills or CPG of the bidder".	What's are the faulty come under this??. What If the Faulty is not from the Solar Product, When its from source of the water or Site or User Mis-handling.	Bidder has to ensure the working of SPWPS for 5 years from the date of installation. Also, bidder has to provide Comprehensive insurance of Solar Photo Voltaic Water Pumping System shall be provided for natural calamities, theft & burglary etc. during 5 years warranty period.
7	Section No. 4 Page No. 15 of 102, 19 of 102 Para No/ Clause No. 3,3.6.2	The Controller must have IP54 protection or must be housed in a cabinet having at least IP54 protection. The SPV Controller must have IP (65) protection or shall be housed in a cabinet having at least IP (65) protection.	Whether the VFD has to be IP54 or IP65 Protected.	The SPV Controller must have IP (65) protection or shall be housed in a cabinet having at least IP (65) protection
8	Section No. 4 Page No. 6 of 102 Para No/ Clause No.7	Successful bidder shall do the preventive maintenance including cleaning of solar panel at the interval of every 4 months from the date of last SPWPS at each district and should submit the report in prescribed format to Implementing Agency's	Requesting to Increase the duration for 1 Year.	No change. As per RFP
9	Section No. 4 Page No. 75 of 102 Para No/ Clause No. Table-2	Average Annual Turnover in INR Crores	Whether the Annual Turn Over will be considered for whole company or Solar product alone.	For whole company
10	Section No. 4 Page No. 83 of 102 Para No/ Clause No. 1	Terms of Payments	What's the duration of Payment. Where we have the Submit the bills. Payment will be remit within how many after bill submission.	Refer to Annexure IV of this Amendment "Payment Terms".
11	Section No. 4 Page No. 65 of 102 Para No/ Clause No. 1	Universal Solar Pump Controller (USPC) Specifications for Stand-alone applications	Whether its mandatory that famer should purchase this or based there requirement it can be purchased. If so how can we get the cost from farmer.	It's upto the farmer's choice whether he/she would like to buy USPC or not. The payment for USPC will be done by Implementing Agency in the same way how the payment will be done for a system without USPC. Farmer will pay to Implementing Agency for his/her contribution.
12	Section No. 2 Page No. 32 of 33 Para No/ Clause No. 26.1	Consultant's remuneration as follows: Advance payment, due within 30 days of award of Contract upon presentation of an invoice against equivalent advance bank guarantee, if mentioned in SCC.	Whether ever Bidder is applicable for this. Please clarify the point	Advance payment is Not Applicable for this tender work
13	Section No. Page No. Para No/ Clause No.	BID Details EMD	How did you arrive at the amount of EMD for different states, what is the logic? Why only few states why not all the other states. Specially the karnataka is missing	EMD is based on the allocation of solar pumps state-wise as received from MNRE.
14	Section No. 1 Page No. 13 Para No/ Clause No. 3	Clarification on Bidding Documents : The Bidder is advised to visit and examine	You are asking the bidder to visit the sites before quoting. Please provide the site locations to visit.	It's upto the bidder, whether they would like to visit the sites before quoting or not. Moreover, bidder may contact Implementing Agency for prospective sites.



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15	Section No. 2 Page No. 16 Para No/ Clause No. 2.4(ii) b	Monetary Limit of Annual Turnover in NSIC certificates should be greater than or equal to Annual turnover required for that particular project	As per the NSIC the MSE's registered with NSIC are exempted from paying the earnest money irrespective of the monetary value. We request you to withdraw this clause and allow all the NSIC registered bidders without any EMD.	For MSME exemption, please refer to Annexure II of this amendment.
16	Section No. 2 Page No. 25 Para No/ Clause No. 4.10	Illustrative Method of Evaluation	Please remove CST/VAT etc. and mention GST	CST/VAT may please be read as GST.
17	Section No. 4 Page No. 156 Para No/ Clause No. Annexure III Point 2	Qualifying Requirement (QR): No Consortium is allowed in this tender	If No Consortium is allowed then why detailed explanation under "Consortium related conditions" mentioned at page 19. So Please clarify Consortium is allowed or not.	Section 4 supersede all other sections of the tender. Only NSIC consortium is allowed. Refer to pg. 80 of section 4.
18	Section No. 4 Page No. 156 Para No/ Clause No. Annexure III Point 4	Bidder should have Average Annual Turnover (ATO) as per Table 2 below for immediately preceding last three FY 2016-17, 2017-18 and 2018-19.	As per Standard Bid Document (SBD) of MNRE, the maximum average turnover in the last three years should be 20 Crores. If required you can limit the supplier by placing the order value to a maximum of 3 times of the last 3 years average turnover, which is generally practiced in many bidding processes.	No change. As per RfP
19	Section No. 4 Page No. 161 Para No/ Clause No. 2	Annual Turnover Requirement Note: MSMEs relaxation will be given in this tender as per Clause No. 2.4 of Sec-2	You may be aware that the monetary limit in NSIC certificate is not related to the turnover but related to the placement of single order value. You can consider extra security deposit if the single order value is above the monetary limit. Please remove the average turnover requirement for the NSIC registered firms or apply the SBD conditions for turnover purpose.	Please refer to Annexure II enclosed with this amendment
20	Section No. 4 Page No. 160 Para No/ Clause No. Table 1	Past Experience	As per Standard Bid Document (SBD) of MNRE, the maximum pump experience required is 500 nos. Moreover if all these Implementing Agency's would have done the tender separately as done earlier the maximum experience applicable would be 500 only.	No change. As per RfP
21	Section No. 4 Page No. 89 Para No/ Clause No. F- i	Evaluation Criteria and Selection of Bidders Being a large tender quantity, all bidders will be empanelled cluster within a range of L1 + 10% of L1.	But for supplier there is no option to choose the quantity, If the supplier is willing to quote for a lesser quantity in each cluster. Hence, if supplier is L1 as per present tender condition he is eligible for entire quantity. In that case selection of L2 bidder does not arise. Request to allow bidders to choose bidding quantity and selection of state but not cluster.	No change. As per RfP
22	Section No. 4 Page No. 89 Para No/ Clause No. F- i	Evaluation Criteria and Selection of Bidders	Attachment 12 and 13 missing from tender documents.	Enclosed with this amendment. It's not mandatory to provide AMC cost for 6-10 years as per attachment-13.
23	Section No. 4 Page No. 73 Para No/ Clause No. 2	No Consortium is allowed in this tender	As per Section - 4 Page 80 it is mention that Bidders is allowed to consortium, please clarify the clause	Only NSIC consortium is allowed.



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24	Section No. 4 Page No. 11 Para No/ Clause No. L	Contract Performance Guarantee (CPG) - in the form of BG @20% of the value of total state wise allocation or 1000 nos. of SPWPS, whichever is lower	As per Section - 2 Page - 22 clause 5.9 mentioned @10% need to clarify & requesting CPG @5%.	CPG clause with illustration may please be readed as per Annexure III
25		Delivery Schedule not specified.	Need to be specify.	Already specified on pg. 4 of section 4.
26	Section No. 4 Page No. 99 Para No/ Note 5	Successful Bidder shall match the price with L-1 bidder for SPWPS	Is the L-1 Price matching for cluster wise or PAN India ?	Selection of bidder will be done on the technically acceptable lowest evaluated cost basis for each category of the pumpsets of the price bid table. L1 price matching will be done accordingly.
27	Section No. 2 (ITB) Page No. 20 Para No/ Clause No. 4.10 (iii)	Price for Additional Warranty (5 years)	Price for Additional warranty to be quote along with Invoice or Separate Invoice to be raise cluster wise, need to be specify.	Price bid includes the price for first five years warranty. A separate attachment -13 in section 6 shall be sbumitted for 6-10 years warranty. However, attachment-13 (enclosed with this amendment) will not become a part of price bid evaluation as per tender's terms and conditions.
28	Section No. 1 Page No. 2 of 5 Para No/ Clause No. 3rd row of table	a) EMD / Bid Security: If bidder wants to participate in more than one Cluster, then EMD shall be as total of EMD required for respective states. For e.g. If bidder is willing to participate in AP and Telangana then EMD submitted shall be (Rs. 3.05 Cr + Rs. 0.12 Cr) = Rs. 3.17 Cr.	The total EMD is either a cluster specific or state specific	Bidder has to submit the total EMD amount for the clusters he wishes to participate. The EMD shall be state-wise so that it can be released when LoA/LoE is placed by the respective Implementing Agency and respective CPG for that state have been submitted by the successful bidder to respective Implementing Agency. Please refer to Annexure VI enclosed with this amendment for <b>revised EMD</b> .
29	Section No. 1 Page No. 2 of 5 Para No/ Clause No. 5th row of table	Bid Validity Duration : 180 days from the date of opening of techno-commercial bid.	As per section 13 of 33, para no. 2.10 Period of validity of Bid was mentioned as 90 days. <b>Which is valid?</b>	Bid Validity Duration : 180 days from the date of opening of techno-commercial bid.
30	Section No. 2 (ITB) Page No. 12 of 33 Para No/ Clause No. 2.9	<b>Price Basis:</b> Price basis of the price quoted shall be on F.O.R (Free on Road) destination basis for site	Only the desired states were given, not specified the major delivery districts / locations to calculate logistics and O&M etc. Required district, location & quantities as per pump capacities to arrive the price to be quoted.	No change. As per RfP
31	Section No. 2 (ITB) Page No. 12 of 33 Para No/ Clause No. 2.18	<b>Inspection / Checking / Testing:</b> If upon delivery the material / equipment <b>does not meet the specification, the materials / equipment shall be rejected and returned to the bidder</b> for repairs / modification etc. or for replacement. In such cases all expenses including the to-and-fro freight, repacking charges, any other costs etc. shall be to the account of the bidder.	Preferred 100% inspection & authentication of material / equipment (by tested ok stamp / sticker) by EESL or his authorised representative before pre delivery to the site. Site inspecction should be rejected only on the basis of performance of the system, and those particular systems should be repaired / modified etc.	No change. As per RfP



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32	Section No. 2 (ITB) Page No. 12 of 33 Para No/ Clause No. 2.19	<p><b>Removal of Rejected Goods and Replacement:</b> If upon delivery, whether inspected and approved earlier or otherwise, the material/equipment is not in conformity with the specification, the same shall be rejected by Employer or duly authorized representative and notification to this effect will be issued to the bidder normally <b>within 7 days</b> from the date of receipt of the material at the work/site/office.</p> <p>The bidder shall arrange <b>removal of the rejected items</b> within <b>15 days from the date of notification</b>. In the event, the bidder fails to lift the materials within the said 15 days, Employer shall be at liberty to dispose off such rejected items in any manner as it may deemed fit. All expenses incurred on storage, disposal etc. shall be recoverable from the bidder.</p>	<p>To ensure the conformity of the delivery of earlier approved material / equipment, better the EESL has to freeze the proper identification &amp; traceability of components during pre dispatch inspection to avoid any deviations / confusions at site. The methods of dispatch inspection instructions like Sealing of the packed / palleted materials/sealing of the trucks in the presence of the EESL or his authorised representative etc.to be kept in place by the EESL, to ensure site inspection rejection should be rejected only on the basis of output performance of the pump system, and only those particular systems should be repaired / modified etc.</p> <p>The bidder will try to organise for the removal of the rejected items within specified 15 days, but incase of unpredictable things like delay in communication, confirmation of availability by the component vendors, natural calamities etc. the extension days to be allowed upon request by considering as special case</p>	No change. As per RfP
33	Section No. 2 (ITB) Page No. 18 of 33 Para No/ Clause No. 4.8	<p><b>Commercial Evaluation:</b> The comparison shall be of the FOR site price of domestically manufactured plant and equipment including type test charges, if any and mandatory spares, warranty spares plus applicable sales tax &amp; duties as well duties and taxes paid/payable on components and raw materials incorporated or to be incorporated in the plant and equipment including mandatory spares/warranty spares plus the cost of loading, unloading, local transportation, insurance covers, installation and commissioning, civil work other services required under the contract including service tax and surcharge, if any plus any survey cost, monitoring and verification cost, distribution cost, scrap disposal cost, annual maintenance cost, any services as per scope of work, administrative charges and statutory agencies cost including service tax and surcharge, if any.</p>	<p>1) There is no format in the bid is specifying to provide the various detail charges &amp; costs. How the comparison will be taken care during commercial evaluation?</p> <p>2) What are all tests comes under Type tests and where they have to be tested etc., details are not defined in the tender document</p> <p>3) Required exact location points and addresses of each state, district &amp; site, pump system capacities and quantities to be supplied to workout the survey cost, monitoring and verification cost, distribution cost, scrap disposal cost, annual maintenance cost, any services as per scope of work, administrative charges and statutory agencies cost</p>	Evaluation criteria is as per Annexure I enclosed with this amendment
34	Section No. 3 (GCC) Page No. 20 Para No/ Clause No. 22.6.1	<p><b>Site Clearance in Course of Performance:</b> In the course of carrying out the Contract, the Implementing Partner shall keep the Site reasonably free from all unnecessary obstruction, store or remove any surplus materials, clear away any wreckage, rubbish or temporary works from the Site, and remove any Implementing Partner's</p>	<p>Implementing Agency has to get clearanc from the concerned authority in case of special cases like Tree cutting from forest department &amp; high rise building etc.</p>	No such clearance required in case of installation of solar pump in farmer's own land.
35	Section No. 4 Page No. 5 of 102 Para No/ Clause No. 26	<p>Successful bidder should keep necessary spare parts min 5% of allotted quantity of each component of the complete system at the service center at each district and should ensure proper maintenance of SPWPS to 5 years from the date of installation of each SPWPS.</p>	<p>Minium maintenance of the spares 5% is high, to be considered as 1%</p>	<p>Successful bidder should keep necessary spare parts min 2% of allotted quantity of each component of the complete system at the service center at each district and should ensure proper maintenance of SPWPS to 5 years from the date of installation of each SPWPS.</p>



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36	Section No. 4 Page No. 6 of 102 Para No/ Clause No. D.8	If complaint is not rectified within 3 days from the date of complaint received/informed to the bidder, in that case after 3 days INR 100 per pump/day penalty will be imposed, for first 3 days and thereafter Rs. 500/ per pump/day shall be imposed till the SPWPS put back to satisfactory working condition. This amount shall be recovered from running bills or CPG of the bidder.	Closing of complaint in 3 days is too short, in cases of main components failure it is difficult to meet. So requesting to revise like 10 days to be considered, penalty will be applicable after crossing of 10 days & Rs.500/- penalty is applicable after 15 days.	No change. As per RfP
37	Section No. 4 Page No. 7 of 102 Para No/ Clause No. F	Effective Price: Effective price shall be calculated as per following formula: Part A * W1+ Part B * W2 + Part C * W3 + Part D * W4 + Part E * W5 + Part F * W6 +Part G * W7+ Part H * W8+ Part I * W9+ Part J * W10 W1, W2, W3, W4, W5, W6, W7, W8, W9, W10 are defined (cluster wise)	Requesting to provide the example calculation	Refer to Annexure-1 for revised Evaluation Criteria.
38	Section No. 4 Page No. 23 of 102 Para No/ Clause No. - 9(ii)	OTHER ACCESSORIES : ii. The supplier should also provide Standalone Lighting system consisting of 10 Watt solar panel with minimum efficiency of 14% and 10 years guarantee, 2 nos. of DC LEDs of 3 watt each and, USB Port facility for mobile through solar panel and ON-OFF switch with DC Socket (15A) for battery charging through the solar system. (Batteries will be provided by the beneficiary if required at his own cost)	The price is almost 2000 to 2500 INR. Is it price inclusive of system cost or extra cost?	This clause shall be treated as deleted.
39	Section No. 4 Page No. 78 of 102 Para No/ Clause No. Table 1	NOTE 1: The combine past experience for all clusters applied by the bidder shall be considered for evaluation. For example: If bidder quoted for Cluster 1 and Cluster 2, the past experience for supply/installed of Solar Pumps should be 3,216 (1,560 + 1,656), past experience for Solar PV Modules should be 16.08 Mega Watt-peak (7.8 + 8.28).	Requesting to elaborate the experience in detail state & cluster wide	Either experience of solar pumps or solar pv modules will be considered. However, if bidder has experience in both, it can be considered for different clusters. For ex: a bidder is having an experience of 2000 pumps and 10MWp solar PV modules, bidder will be eligible for cluster 1 (based on his/her solar pump experience) and cluster 2 (based on his/her solar PV module experience). The remaining quantity from the bidder's experience 800 Solar pumps and 2.5MWp solar pv module) can be utilised to participate in other clusters.
40	Section No. 1 Page No. 4 Para No./Clause No. 5	EESL reserves the right of reverse bidding on the prospective L-1 price in each Package. In case the discovered L-1 price of any Package is higher than the EESL-estimated cost or higher than the prevailing market price, EESL at its own discretion may go for reverse auctioning among the 60% of participant bidders of that Package in the order of L-1, L-2,, L-7, subject to a maximum seven nos. of bidders.	Estimated cost of the tender is not given please provide the same.	In case the discovered L-1 price of any item is higher than the EESL-estimated cost or <b>higher than the prevailing market price</b> , EESL at its own discretion may go for reverse auctioning among the 60% of participant bidders of that Package in the order of L-1, L-2,, L-7, subject to a maximum seven nos. of bidders. No change. As per RfP.
41	Section No. 4 Page No. 2 Para No./Clause No. Point Vi	Duly Filled Format 1, 2 and 3 as attached in the last of this section. Please note that in absence of these formats, bid may not be evaluated.	Format 3 supposed for "Net Worth Certificate" is not available with the tender document.	Format 1 at pg. 81 of section 4 includes a column of net worth certificate. Hence, Format-3 stands to be <b>DELETED</b>



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42	Section No. 4 Page No. 2 Para No./Clause No. Point Vii	vii. Format-6 to be mandatorily filled and submitted online.	Format 6 is not available with the tender document.	Stands DELETED
43	Section No. 4 Page No. 4 Para No./Clause No. 2 of A	The successful bidder(s) should submit Data Sheet, General Technical Particular (GTP), Design & General Arrangement (GA) drawing of the system (As provided by Implementing Agency's) along with Bill of Quantity (BOQ) for Implementing Agency's approval before supply/PDI. Also, bidder has to take drawing approval for the complete system from Implementing Agency's within 15 days from the award of LOA (Not applicable if Implementing Agency's provided drawing).	If test reports are been submitting with the bid document or at later stage then drawings are not required. Submission of standard drawing for the particular model is not feasible because of variabilities in site in terms of the Head (meters). While the pre-survey before installation at site is already covered in the scope of work.	ok
44	Section No. 4 Page No. 5 Para No./Clause No. 10 of C	Successful bidder should have finalized sub-bidders and purchase order (P.O.) on all materials such as Solar PV module, structures, Pump, Controller, etc. within 30 days from the date of notification of award of Contract and unpriced P. O. copies will be submitted to Implementing Agency's within 30 days from date of issue of LOA.	Unpriced Purchase order for entire components is very difficult and It should be asked only for solar pumpsets, controllers and Solar PV modules.	Unpriced P.O copies for solar pumpsets, controllers and Solar PV modules are to be submitted to Implementing Agency's within 30 days from date of issue of LoA/LoE.
45	Section No. 4 Page No. 5 Para No./Clause No. POINT 10	Successful bidder should commission minimum pumps/ quarter as defined in Scope of Work Clause C.2. Bidder has to obtain handing over certificates/ installation completion letters/certificates from respective village panchayats/ Local Govt. Bodies in parallel with installation (as per prescribed format and requirement of respective district administration else prescribed format of Implementing Agency's may be adopted).	Since the Farmers are the only key beneficiaries, hence the Installation completion/ handing over certificate should be allowed signed by farmer only and the Implementing Agency's district officers.	ok
46	Section No. 4 Page No. 5 Para No./Clause No. Technical requirement C Point 2	2. Only indigenously manufactured PV modules and Pumps should be used in the Programme. 'Made in India' to be mentioned on solar panels and pumps.	Request to add indigenously manufactured controllers also as per technical specification of solar pumps issued on 22-July-2019 by MNRE.	<b>It will be mandatory to use indigenously manufactured solar panels with indigenous solar cells and modules. Further, the balance of system should also be manufactured indigenously. The bidder has to declare the list of imported components used in the manufacturing of solar water pumping system as per attachment -14 enclosed with this amendment.</b>
47	Section No. 4 Page No. 6 Para No./Clause No. Point 7 of D	Successful bidder shall do the preventive maintenance including cleaning of solar panel at the interval of every 4 months from the date of last SPWPS at each district and should submit the report in prescribed format to Implementing Agency's.	Module cleaning should be in farmer's scope and preventive maintenance as AMC should be allowed as part of CMC once during the quarterly visit instead of 4 months.  Reference: point d. "Monitoring and Maintenance" at page no 10 under Component B of KUSUM Guidelines.	Shall be readed as: Successful bidder shall do the preventive maintenance at the interval of every 4 months from the date of last SPWPS at each district and should submit the report in prescribed format to Implementing Agency's.



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48	Section No. 4 Page No. 6 Para No./Clause No. Point 9 of D	Successful bidder shall submit the detailed report and short 5-minute high definition video per district including local training, awareness and sensitization campaigns, Methodology for sustainable maintenance for further five years to the beneficiaries with relevant photographs.	Request to remove the high definition video per district submission as it will unnecessarily increase the system prices.	ok
49	Section No. 4 Page No. 74 Para No./Clause No. Table Annexure III Point 3	Original test certificates need to be submitted at the time of submission of bid. (Tested parts in the report must be used for the entire project without any changes.)	As many labs are not having the accreditation for the testing as per the new testing procedure& guidelines of solar pumps issued by MNRE, It is request to consider the " <b>undertaking towards the submission of the test report at the time of NTP /work order issued" and allow the bidders to submit the test reports at the time of Pre Dispatch Inspection Call (PDI).</b>	Refer to point 4 of this amendment
50	Section No. 4 Page No. 76 Para No./Clause No. Table Annexure III Point 6	Along with above documents required to be annexed to the invoice (at the time of payment in case of successful bidder), copies of the Excise invoice(s) of the manufacturing unit(s) of the Solar PV Module, Pumps etc. shall also be annexed to the invoice for claiming payment.	Request to consider the <b>factory license</b> issued by concern depart of the state and <b>IEM Certificate</b> as proof of manufacturing units issued by Dept. of Industrial Promotion and Policy, Ministry of Industry and Commerce.	No change. As per RfP
51	Section No. 4 Page No. 78 Para No./Clause No. Table 1 Past Experience	For Solar Pumps (No. of Solar Pumps installed / supplied)	(1) Request to amend it as Bidder should have experience of " <b>Supply and Installation</b> " both for bid participation combine for more than 1 clusters. (2) Request to consider minimum 5000 solar Pumps installation experience for any or all the clusters.	No change. As per RfP
52	Section No. 4 Page No. 83 Para No./Clause No. Points 1 Terms of Payment Stage I	Stage I: - 90% of the order value and 100% applicable taxes of the order value i.e. on every 1000 nos. of SPWPS delivered at site based on:	Please revise the payment terms as; " 90% of the order value and 100% applicable taxes of the order value for the quantity supplied in a month " which will help to bidder for arrangement of proper cashflow for the execution of the projects. Similar, the balance 10% should also be released based on the monthly installation progress.	Refer to Annexure IV of this Amendment "Payment Terms".
53	Section No. 4 Page No. 83 Para No./Clause No. Points 1	Terms of Payment: Stage II Submission of handing over certificates of solar photovoltaic water pumping system signed and/or stamped by VDO/BDO/Sarpanch/Panchayat Secretary/AE or JE of municipal cooperation duly certified by Implementing Agency's representative;	Handing over should be done to farmers only subsequently verified by Implementing Agency's or any other district level officer only.	ok
54	Section No. 4 Page No. 83 Para No./Clause No. Points 1 Terms of Payment Stage II	Submission of report supported with labelled photograph on completion of village community training, awareness/ sensitization, capacity building measures undertaken and development of entrepreneurship etc. in each village with relevant photographs and videos;	Kindly remove the video submission as it will unnecessarily add on (increase) in the project cost.	Submission of report supported with labelled photograph on completion of village community training, awareness/ sensitization, capacity building measures undertaken and development of entrepreneurship etc. in each village with relevant photographs;
55	Section No. 4 Page No. 102 Para No./Clause No. Table	Format: Cluster wise W1, W2, W3, W4, W5, W6, W7, W8, W9, W10 to be used for price bid evaluation:	Request to clarify on the format as blank fields are available in the table.	Refer to Annexure I of this amendment "Evaluation Criteria"



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56	Section No. 6 Page No. Para No./Clause No. Attachment 11	Attachment -11: In Format "Sub.: Declaration for the Quantity Quoted by bidder in the Tendered Delivery Period".	The table mentioned in the format asks for the confirmation for the participation in particular clusters. Please clarify on it.	Attachment 11 shall be treated as <b>DELETED</b> . Declaration for the clusters quoted by the bidder shall be as per attachment 12 enclosed with this amendment
57	Section No. 4 Page No. 4 Para No./Clause No. A Point 3	Each pump should be marked with Toll Free No. of successful bidder operating in English/Hindi or Regional language of respective state and specific pump numbers and the Pump No. must have been captured by Implementing Agency's Web based Application (as per instruction of Implementing Agency) at the time of installation at site.	Marking of toll-free no on pumpsets is not a feasible solution. It may be allowed to affix on controllers.	Toll free no. shall be affix on controllers and shall be readable for 5 years.
58	Section No. 4 Page No. 73 Para No./Clause No. Annexure III Point 2	Copy of Factory License under the Indian Factories Act, 1948 and GST registration Certificate, supporting the fact of the bidder being engaged in the business field mentioned in column B.	Kindly consider IEM for product manufacturing information as GST registration certificate does not contain the information as desired.	No change. As per RfP
59	Section No. 4 Page No. 86 Para No./Clause No. Point 10	Insurance: The Goods supplied under the Contract shall be fully insured in Indian Rupees against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery. For delivery of goods at site, the insurance shall be obtained by the Contractor, for an amount not less than the Contract Price of the goods from "warehouse to warehouse" (final destinations) on "All Risks" basis including War risks and strikes.	Please Clarify	The clause is self explanatory
60	Section No. 4 Page No. 23 Para No./Clause No. Point 10 COMPREHENSIVE OPERATION AND MAINTENANCE	ii. The service personnel of the Supplier shall make routine maintenance visits monthly for the first year and quarterly thereon till the completion period of comprehensive maintenance	Request to eliminate this monthly visit for first year because the under KUSUM Guideline's Component B; point d; para 1: It is already stated that " AMC will include inspection by Vendor at least once in a quarter and submission of quarterly inspection report of the installed pumps as per prescribed format."	AMC shall be inline with KUSUM guidelines and it's amendment (if any)
61	General	Place of Billing of Solar Water Pumping System	As the manufacturers are only been allowed to participate, Request to clarify that whether the billing has to be done from the place of origin of the manufacturing facility of the bidder OR the billing from the respective state has to be done. Timely information will help to get the local GST registration in the respective state.	Billing from the respective state shall be done. Bidders shall get the local GST registration in the respective state.
62	Section No. 1 Page No. 2 Para No./Clause No.	Earnest Money Deposit (EMD)	The cumulative amount of the EMD for all the cluster is too high. It is requested to reduce the EMD amount for all the clusters by 50% of the existing mentioned EMD amount and Rs. 3.0 Crore as maximum for all the clusters.	Please refer to revised EMD as per Annexure VI of this amendment
63	Section No. 4 Page No. 73 Para No./Clause No. Column D of Table	Tabular details comprising of Order No.; Order Date; Client's Name; Description of Project; Supply/Completion Period (with from-/to- dates);Ref. No. & Date of Material Receipt Certificates/ PO/Work Completion Certificates	It is suggesting that instead of getting the tabular heads as mentioned in bid document, EESL should accept the copy of project completion certificates only as proof of past experience as all the govt. departments issue the completion letter/certificate in their own specified formats.	Completion letter/certificate has already been asked in tabular details. However, along with completion certificate, bidder shall also submit a summary of work order/LoA's. No change. As per RfP.



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64	Section No. 4 Page No. 75 Para No./Clause No. 5	The bidder should be profitable in last financial year i.e. 2018-19 and any of the one of the financial years out of 2016-17 or 2017-18. At Coloum C profitability mean: Profit After Tax.	At page no 81; Format 2, "Profit Before Tax data for the last 3 years" is mentioned. Please clarify which data to be submitted in the format, either PAT or PBT	Profit After Tax
65	Section No. 4 Page No. 89 Para No./Clause No. Annexure-VI	Description of Work and capacity of pumps to be quote.	As the MNRE has set out the different benchmark prices of Surface and Submersible pumping systems for 1 HP and 2 HP,hence it is requested to ask the separate prices for each category i.e. AC & DC.	Price bid packages are already referring to different prices for AC and DC pumps
66	Section No. 4 Page No. 15 Para No./Clause No. 8	All parameters (as detailed above in item 7) from the Controller shall be pushed to Bidder's cloud/web server for every 15 minutes; While at page no 16; point no 3.2.4; The data interval mentioned is 10 minutes.	Request to amend the <b>data interval of 10 minutes</b> only as per the new technical specification of solar water pumping system issued by MNRE.	Remote monitoring shall be inline with new technical specification of solar water pumping system issued by MNRE in 2019 and it's subsequent amendments. Requirements of remote monitoring system must be as per Annexure VIII enclosed with this amendment
67	Section No. 4 Page No. 23 Para No./Clause No. i of 9	ON/OFF SWITCH: A good reliable switch suitable for DC use is to be provided. Sufficient length of cable should be provided for inter-connection of the PV array, Controller/ Inverter and the motor pump set.	Request to eliminate the same as it is not now a part of technical specification of solar pumping system as per new guidelines.	This clause shall be treated as deleted.
68	Section No. 1 / 4 Page No. 5 / 7	Earnest Money Deposit / F. Bidder has an option to choose out of the 10 clusters for the ones it wishes to quote for Bidder has to mandatorily submit declaration for states it wishes to quote for (i.e. attachment- 12 of price bid)	We have to submit EMD cluster wise. If we wish to participate for one specific state in the cluster, in that case, can we submit EMD only for one specific state or we have to submit EMD for a cluster? Please clarify. For e.g. . Bidder wants to participate and quote only for U.P. state ( cluster no 8) and not want to quote for Jharkhand state, please clarify is it compulsory to submit EMD and quote for both State in one cluster or we can quote and submit EMD for U.P. state.	Bidder has to submit the total EMD amount for the clusters he/she wishes to participate. The EMD shall be state-wise so that it can be released when LoA/LoE is placed by the respective Implementing Agency and respective CPG for that state will be submitted by the successful bidder. For Ex: If bidder is quoting in cluster 6, bidder has to submit the EMD for Bihar, Jharkhand, West Bengal and Odisha separately. Please refer to Anenxure VI for revised EMD.
69	Section No. 4 Page No. 3 Para No/ Clause No. Introduction - Process	Process	In Tender EESL has not given guideline and/or terms of business. We strongly feel that project execution guidelines for state nodal agency such as farmer selection criteria, Funding pattern Central + State + farmer / Central +Farmer, Farmer share collection responsibility, Farmer selection procedure, payment terms etc. Other-wise every state will have different procedures leading to confusion and desired benefits may not be achieved. Please consider and amend suitably.	The process includes the terms of business. Bidder has to get the consent of farmers/beneficiaries who wishes to get their SPWPS. All payments will be done by Implementing Agency including USPC (in case farmer opts for it)
70	Section No. 4 Page No. 83 Para No/ Clause No. 1. TERMS OF PAYMENT	I: - 90% of the order value and 100% applicable taxes of the order value i.e. on every 1000 nos. of SPWPS delivered at site based on. II: - 10% of the order value i.e. on installation of every 1000 nos. of SPWPS based on	Sir, As per payment terms, we shall be paid only on completion of 1000 pump supply. The lot size is too big, we request you to reduce the same to 50 or 100 Nos lot as some of the states are small and total requirements of the state is very low, say less that 1000 etc... Please consider.	Refer to Annexure IV of this Amendment "Payment Terms".



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71	Section No. 4 Page No. 15 Point no. 1	Controller capacity also should be minimum 4800W only Operating frequency: 50Hz± 10%.	The frequency mentioned for controller is 50Hz (+/- 10%) It should be removed being solar application, it is the variable frequency with respect to solar radiation and It works on variable frequency, hence not able to work on specified frequency mentioned in Tender. Please clarify and amend.	<b>SHALL BE READED AS:</b> Controller Power Capacity should match to Solar Panels Power Capacity, not Pump Capacity. Example: For 5HP Project, As per MNRE Specs, Panels should be minimum 4800W, Controller capacity also should be minimum 4800W only.
72	Section No. 4 Page No. 99 Para No/ Clause No. Price bid USPC	Bidder has to mandatory quote for the SPWPS (with Universal Solar Pump Controller).	USPC controller guideline were floated recently (Dt 17/7/2019) by MNRE, the product is still in design/testing phase. We request you remove/ withdraw condition of mandatory to quote for whole range of USPC AC & DC. Kindly make this optional. please amend and remove compulsion.	<b>It is not mandatory to quote for Universal Solar Pump Controller.</b> <b>Refer to item 87 of this amendment.</b>
73	Section No. 4 Page No. 65 Para No/ Clause No. USPC specification	Technical Specification for stand alone USPC	The Universal Solar Pump Controller is good and suitable only with AC motor 3 HP and above sizes. As it can achieve voltage rating required to drive the motor and/or any other farm implements/ devices. The 1 and 2 HP AC system can't generate required voltage to drive the load so they shall be excluded.  In case of BLDC motor, voltage is 210 V and therefore it will be very costly to make USPC suitable for BLDC. Also in BLDC harmonic distortion levels are not possible to achieve, because in permanent magnet motor driving no filter is allowed. Kindly consider above limitations of the use and technology and amend the Tender.	Bidder not need to bid for Part A,B, F, G (for 1 and 2 HP pumps) for USPC. <b>Incase, bidder quotes for Part A,B, F, G for USPC, it will not be considered for the price match.</b>
74	Section No. 4 Page No. 26 Para No/ Clause No. Standard MMS for 4,6 and 8 solar module	Standard MMS for 4, 6 and 8 solar modules have been specified	We request to add single pole 10 module structure for 3HP. It will save space and save foundation cost. Please consider this option and amend.	Technical specifications will remain the same as per latest MNRE technical specifications issued in 2019



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75	Section No. 4 Page No. 24 Para No/ Clause No.10. COMPREHENSIVE OPERATION AND MAINTENANCE	V. During operation and maintenance period of the Solar Photovoltaic Water Pumping Systems, if there is any loss or damage of any component due to miss management or miss handling or due to any other reasons pertaining to the deputed personnel, what-so-ever, the supplier shall be responsible for immediate replacement or rectification. The damaged component may be repaired or replaced by new component.	We can accept the Compressive operation and maintenance clause subject following changes. We shall take insurance for all risk and whatever is covered under the same and to that extent only will be replaced. In case of any repair is required, the same will be done by us without any condition. However the responsibility of Safety of system, Watch and ward as well as proper running of the same on daily basis will be the responsibility of the beneficiary. We shall not take any liability on this account. Similarly the operation of the pumps set and daily maintenance (Module cleaning, shadow free area etc..) will be the responsibility of beneficiary. In case of Agri implement/ devices operation is concerned, the limitation of the power availability and the load required must match. Any damage to system due to miss management or miss handling will be outside the scope of supplier. Any misuse or tampering of the system, will not be covered under the Compressive O&M, which please note. Please note that supplier can't accept any liability arising out of intentional damage and also damage due to miss management or miss handling. <b><u>The Solar Pump is suitable for handling potable water quality. The availability of water and quality of water to operate the pumps is in the scope of beneficiery. The supplier will not be responsible to replace the pump set damaged due to silt, sand and any debaries available in water.</u></b> Supplier can't be held responsible for any consequential liabilities like crop or yield loss etc... The liability of supplier shall be limited to repair or replacement of the supplied system. kindly consider the same and amend. Request you to amend this clause suitably to cover the interest of supplier and avoid disputes if any.	No change. As per RfP. The Comprehensive insurance of Solar Photo Voltaic Water Pumping System shall be provided by the bidder for natural calamities, theft & burglary etc. during 5 years warranty period.
76	Section No. 4 Page No. 86 Para No/ Clause No. 10 Insurance	The Comprehensive insurance of Solar Photo Voltaic Water Pumping System shall be provided for natural calamities, theft & burglary etc. during 5 years warranty period.	In Insurance claim, while making payment to insurer for his claim, Insurance company is going to deduct Rs.10,000/- or 5 % whichever is higher on per claim ( Claim process fee ) or some time not entertain of claim below than Rs.10,000/-. Looking to deduction and claim cost of module /pumps/parts, it seems that the deduction is very high and we are not able to give replacement / repaired service in above cases. Please guide who will be liable to pay this amount to us. Please guide.	No change. As per RfP
77	Section No. 4 (Annexure - III) Page No: 78 of 102 Para No/ Clause No: Table 1 (Past Experience)	Table 1 (Past Experience)	As per Table 1 (Past Experience), Kindly clarify whether experience of <b><u>either Supply Or Insallation</u></b> of Solar Pumps/Solar PV Modules would be sufficient? Or Does the bidder need to have experience of both Supply & Installation of these items.	Table 1 (Past Experience) is self explanatory. Either Supply Or Insallation of Solar Pumps or Solar PV Modules would be sufficient as per the table. Refer to Annexure V enclosed with this amendment for revised Past experience and ATO requirements.



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78	Section No. 4 Page No: 80 of 102 Para No/ Clause No: Notes	In case of participation as NSIC, it is clarified as consortium of maximum two members are allowed including NSIC as lead member. In one tender, only bid from one NSIC Consortium will be accepted. No other consortium is allowed apart from NSIC	1. Minimum 2 number of MSE's are required to form a Consortium as per NSIC rules. Please refer the following link: <a href="https://www.nsic.co.in/pdfs/FAQ-CTM102016.pdf">https://www.nsic.co.in/pdfs/FAQ-CTM102016.pdf</a> . This way, the Consortium shall include 3 members including NSIC and 2 MSE's. Therefore, you are requested to amend the relevant clause keeping in view the NSIC rules.; 2. Kindly confirm whether the Technical eligibility criteria shall be exempted for MSE's bidding in Consortium with NSIC OR it shall be fulfilled collectively by all the Consortium members.	No change. As per RfP
79	Section No. 4 Page No: 4 of 102 Para No/ Clause No: A.3	Successful bidder has to submit the PDI request within one week from the date of clearance (site allocation) given by Implementing Agency	Kindly extend PDI request days from one week to 10 days from the date of site clearance given by Implementing Agency	No change. As per RfP
80	Section No. 4 Page No: 8 of 102 Para No/ Clause No: F.X	For MSEs and startups purchase preference clause shall be valid as per the government guidelines.	Kindly clarify which purchase preference clause as per the government guidelines shall be considered.	Please refer to attached Annexure II
81	Section No. 4 Page No: 11 of 102 Para No/ Clause No: J.4	Successful bidder is to submit interchangeability certificate for its product supplied for replacement during warranty and maintenance period and even when it is purchased from open market.	Who will provide interchangeability Certificate. Kindly confirm.	Test labs as per item 3 of this amendment shall certify that the new component to be added is equal or better quality/specifications than the previous component to be replaced. In this reference, bidder must also provide a declaration as per attachment-15 enclosed with this amendment.
82	Section No. 4 Page No: 20 of 102 Para No/ Clause No: 3.7.4	A lightning arrestor shall be provided with every SPV Water Pumping System	Kindly provide technical specification of Lightning Arrestor.	As per relevant BIS/industry specifications
83	Section No. 4 Page No: 80 Para No/ Clause No: Notes	Original test certificates need to be submitted at the time of submission of bid. (Tested parts in the report must be used for the entire project without any changes.)	For Online tender, kindly allow bidder to submit test report copies in scan copies instead of Original test certificates Hardcopy submission	Attested copy by test labs can be used for submission.
84	Section No. 4 Page No: 82 Para No/ Clause No: Annexure V	Test Reports of SPWPS from NABL Certified Lab are to be submitted for all non-life tests.	Kindly clarify, meaning of ll non-life tests.	This item shall be readed as: Test Reports of SPWPS are to be submitted as per MNRE technical specifications and testing procedures issued in 2019 and its subsequent amendment(s) if any.
85	Section No. 4 Page No: 82 Para No/ Clause No: Annexure V	Sample copy of batch test report specifying all the required tests will be reported with each consignment.	Kindly clarify, meaning of all the required tests.	All required test as per MNRE testing procedures for solar water pumps.
86	Section No. 4 Page No: 89 Para No/ Clause No: Price Bid		Kindly Provide pump is Submersible OR Surface, also can bidder know the qty. bifercation of AC/ DC pumps	Pump can be submersible or surface depending upon the existing pump.



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87	Section No. 4 Page No: 99 Para No/ Clause No: 7	Bidder has to mandatory quote for the SPWPS (with Universal Solar Pump Controller).	USPC is a latest version of Solar Pump Controller, nos of company is not come up with USPC. Hence request you to kindly make USPC as an optional to quote	1. It is not mandatory to quote for Universal Solar Pump Controller.  2. Bidder on it's own discretion shall quote for USPC. However, if none of the bidders who comes in a price band of 'L1+10%' or 'L1+15%' (in case of enough bidders does not come in price band of 'L1+10%') bids for USPC, then in such a case, bidder who has quoted the lowest price for USPC will also be given a chance to match L1 price of SPWPS (with normal controller) in those cluster(s) for which the bidder bids for.  3. Those bidders who will be offering the USPC price and will be in a price band of 'L1+10%' or 'L1+15%' (as the case may be), shall match the lowest price for USPC in the cluster(s) they bid for.
88	Section No. 4 Page No: 100 Para No/ Clause No: 2	The bidder should compulsorily quote for all heads in the price-bid format	Request you to kindly allow bidder to quote partially	Bidder can quote for any cluster. But, bidder have to quote for all categories of pump sets in a cluster he/she bids for.
89	Section No. 2 Page No: 11 Para No/ Clause No: ii (b)	Monetary Limit of Annual Turnover in NSIC certificate should be Greater than or equal to the Annual Turnover required for that particular project.	Kindly allow EMD exemption under NSIC Irrespective of Monetary Limit	Please refer to attached Annexure II
90	Section No. Annex A Page No: 63 Para No/ Clause No:	Data provided with list of referred standards	In Annex A, there are some standards provided in tender. Please confirm that these certificates are mandatory or not?	Testing certificates as per MNRE testing procedures are mandatory to be submitted. Also, refer to item 4 of this amendment.
91	Section No. 4 Page No: 73 Para No/ Clause No: 1	The Bidder should be a firm registered / incorporated under Companies Act. 1956 or Companies Act. 2013 / and further amendment (s), or a registered partnership firm (registered under section 59 of the Partnership act.1932 or a limited liability partnership act.2002).	Requesting for allow Sole Proprietorship Firms.	No change. As per RfP
92	Section No. – 4 Page No. 73 of 102 Annexure – III – Qualifying Requirement – S. No. – 2	The Bidder should be, either of the following: (i) Solar PV Module Manufacturer or (ii) Solar Pump Manufacturer  (No Consortium is allowed in this tender)  Past experience required for the bidders from minimum last three financial years is as per Table 1 below	Overall Past experience should be considered with the bid looking to the nature of bid (PAN India basis).	No change. As per RfP
93	Section No. Page No. 90 Para No/Clause No. X	For MSEs and startups purchase preference clause shall be valid as per the government guidelines.	What about EMD criteria for MSEs and Startup firm and also clarify they are valid for purchase preference or not. If work allocation preference allowed then what percentage of allocation will be there.	Please refer to attached Annexure II



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Date : 17-09-2019

94	Section No. Page No. Para No/Clause No.	Overall tender	Please clarify 1) State wise allocation is confirmed or not 2) State wise fund allocation already sanctioned or not 3) State wise beneficiary share and subsidy pattern bifurcate or not 4) What about MNRE Subsidy funds?	The state-wise allocation is tentative and final sanction to states will be issued by MNRE on confirmation of state share of subsidy.
95	Section No. 4 Page No. 95 Para No/Clause No. Annexure III point 1	Specification covers only Centrifugal SPV water pipping systems	The tender covers only specification mentioned in Part 1 of BIS 17018 of centrifugal Pumps, please include part 2 of BIS 17018, which is about Positive Displacement Pumps under draft in MNRE, BIS Copy attached for your reference	As per technical specifications issued by MNRE in 2019
96	Section No. 4 Page No. 126 Para No/Clause No. 1	Guidelines for testing procedure for centrifugal pumps up-to 10 HP	Testing procedure of all kinds of pumps approved by MNRE or in consideration for approval, after approval from MNRE should be included like example of positive displacement pumps namely Piston Pumps, Screw Pumps, rotary pumps etc.	As per testing procedures issued by MNRE in 2019
97	Section No. 2 Page No. 16 Para No/Clause No. II	Vendors registered under NSIC under single point registration EMD, Tender fee etc exempted	Please specify other exemptions for MSME in your tender detailing previous turnover, experience, number of pumps sold etc to promote MSMEs	Please refer to attached Annexure II
98	Section No. 1 Page No. 4 Para No/Clause No. 4	For startup firms qualification requirement Gazette notification GST 180E on 16th Feb'16 will be considered	Gazette only talks about the eligibility, please explain in detail what are exemptions in your tender for more clarity since there no specifics given in Gazette notification Also allot a specific minimum percentage of total volume reserved to startups, for promoting startups	Please refer to attached Annexure II
99	Section No. 1 Page No. 13 Para No/Clause No.	Bidders are advised to visit site and examine surroundings where facility is to be installed	Since the Site address is given by Implementing Agency after allotting LOA, how can we visit in advance before bidding, head of each site is different, hence request to include head in pricing template for more clarity	No change. As per RfP. Bidders are advised to visit site and examine surroundings where facility is to be installed Bidder may also approach Implementing Agency for prospective site details.
100	Section No. 4 Page No. 73 Para No/Clause No. Annexure III	In Sno. 2 Past experience required for the bidders from minimum last three financial years is as per <b>Table 1</b> below	Past experience required for the bidders from minimum last <b>Five financial years</b> is as per Table 1 below.	No change. As per RfP
101	Section No. 4 Page No. 73 Para No/Clause No. Annexure III	In Sno. 2 Past experience required for the bidders from minimum last three financial years is as per <b>Table 1</b> below	Requesting clarification whether the bidder should have experience in both i.e <b>For Solar Pumps (No. of Solar Pumps installed/supplied) and For Solar PV modules installed/supplied (Experience in MWp)</b> or Experience in any ie. Pumping or pv modules is Sufficient	Experience in any i.e. Pumping or Solar pv modules is Sufficient
102	Section No. 4 Page No. 73 Para No/Clause No. Annexure III	In Sno. 2 Past experience required for the bidders from minimum last three financial years is as per <b>Table 1</b> below	Requesting to reduce the experience of Solar PV modules installed/supplied (Experience in MWp) 7.5 to 5 MW in Cluster no. 4 (Tamil Nadu)	No change. As per RfP



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103	Section No. 4 Page No. 73 Para No/Clause No. Annexure III	In Sno. 2 Past experience required for the bidders from minimum last three financial years is as per <b>Table 1</b> below	Requesting to reduce the experience of For Solar Pumps (No. of Solar Pumps installed/supplied) from 1500 to 250 Nos. in Cluster no. 4 (Tamil Nadu)	No change. As per RfP
104	Section No. 4 Page No. 73 Para No/Clause No. Annexure III	In Sno.5 The bidder should be profitable in last financial year i.e. 2018-19 and any of the one of the financial year out of 2016-17 or 2017-18.	Requesting to amend this as "The bidder should be profitable in <b>last three financial year</b> i.e. 2018-19, 2016-17, 2017-18."	No change. As per RfP
105	Section No. 4 Page No. 73 Para No/Clause No. Annexure III	In Sno.6 "Bidder needs to submit documentary evidence that components should be indigenously manufactured for the supplied systems."	Requesting clarification regarding Indigenously manufacture cells/modules and extend the time period to get the certificates, because testing of modules as per BIS standard to issue the certificate will take time	Refer to Attachment-14 enclosed with this amendment
106	Section No. 4 Page No. 83 Para No/Clause No. 2/1	Stage II: - 10% of the order value i.e. on installation of every 1000 nos. of SPWPS based on	Whether the balance amount will be relased immedietly by submitting of report or any time period will be added	Refer to Annexure IV enclosed with this amendment
107	Section No. 4 Page No. 7 Para No/Clause No. F	Part A: 1 HP DC Part B: 2HP DC Part C: 3HP DC Part D: 5HP DC Part E: 7.5 HP DC Part F: 1 HP AC Part G: 2HP AC Part H: 3 HP AC Part I: 5 HP AC Part J: 7.5 AC  Bidder has to quote for each part	Kindly request to Clarify whether bidder has to quote all part and to quote any specific part . Also request to time extension for the tender 4 weeks	It is mandatory to quote for all parts in a price bid table.
108	Page No. 156 QUALIFYING REQUIREMENT (QR) Annexure-III, Point No.03	Bidder should have valid Test Certificate for the tendered Solar Water Pump System (complete system) from following test labs only: 1. Central Power Research Institute (CPRI) 2. UL India Pvt. Ltd. 3. National Institute of Solar Energy (NISE) In case of non-availability of Original test certificate, Bidder shall submit the acknowledge Receipt/certificates at the time of bid submission from any of the above three test labs. But in that case bidder should submit the test report/ certificate before Implementing Agency places the LoA. On submission of the original test certificate/report only, the LOA will be issued to successful bidders. In case Bidder fails to submit original test certificate within 30 days of Implementing Agency intimation or mutually agreed between Implementing Agency and successful bidder, his bid will stand cancelled, without any prior intimation.	i. Kindly amend the clause as those bidders not having valid test certificates as per new MNRE guidelines at the time of bidding shall submit the bid without test certificates from any MNRE accredited testing centers at the time of LOA from Implementing Agency's.  ii. Bidder will have to submit the Testing Application Letter & Lab Acknowledgement Letter of the offered Pump Model(s) in their name from any MNRE accredited testing centers before the Financial Bid Opening In case Test Certificates are not available with Bidders.  iii. Bidder shall submit final test certificates before issuing LOA by Implementing Agencies.	Please refer to item 4 of this amendment



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109	Page No. 160 Table1(Past Experience)	NOTE 1: The combine past experience for all clusters applied by the bidder shall be consider for evaluation. For example: If bidder quoted for Cluster 1 and Cluster 2, the past experience for supply/installed of Solar Pumps should be 3,216 (1,560 + 1,656), past experience for Solar PV Modules should be 16.08 Mega Watt-peak (7.8 + 8.28).	i. Kindly amend the clause “The bidder should have sufficient experience in PV modules supply or solar pump system supply and both experience is not mandatory. Any experience of either Pump or Solar Modules shall be accepted as per eligibility guidelines”.	The clause shall be readed in addition to the following: The bidder should have sufficient experience in PV modules supply or solar pump supply and both experience is not mandatory. Any experience of either Pump or Solar Modules shall be accepted as per eligibility criteria.
110	Page No. 93 Scope of Work (Annexure-I) Clause-L (CONTRACT PERFORMANCE QUARANTEE (CPG))	Bidder shall submit a bank guarantee (BG) of 20% of the value of total state-wise allocation or 1000 nos. of SPWPS, whichever is lower, to respective Implementing Agency’s with the validity of 1 year to be rolled over every year for the first five years. However, if total number of SPWPS is more than 20% of the value of total state- wise allocation or 1000 nos. in the first list of consent of beneficiaries in bidder’s favor, bidder shall submit another CPG equivalent to differential value of order as per NTP.	i. Kindly amend clause “Bidder shall submit a bank guarantee (BG) of 5% of the value of total state-wise allocation or 1000 nos. of SPWPS”	Please refer to Annexure III enclosed with this amendment
111	Page No. 15 of 102 TECHNICAL SPECIFICATIONS Point No.01	Controller Power Capacity to drive the Pump		<b>SHALL BE READED AS:</b> Controller Power Capacity should match to Solar Panels Power Capacity, not Pump Capacity. Example: For 5HP Project, As per MNRE Specs, Panels should be minimum 4800W, Controller capacity also should be minimum 4800W only.
112	Page No. 15 of 102 TECHNICAL SPECIFICATIONS Point No.07	Display of Controller/Drive		Shall be treated as deleted
113	Page No. 15 of 102 TECHNICAL SPECIFICATIONS Point No.06	Protections		Shall be treated as deleted
114	Page No. 23 of 102 Annexure II Point No.09	OTHER ACCESSORIES:		Shall be treated as deleted
115	Page No. 24 of 102 Annexure II Point No.11	Performance Testing		Shall be treated as deleted
116	Section No. 1 Page No. 2 Para No/Clause No. 5	Bid details ; last date of bid submission : September 11, 2019	In view of revised MNRE Specification and KUSUM guidelines, reasonable time should be given to bidders for submission of tenders	Please refer to the clarification for bid extension already released for this tender.
117	Section No. 2 Page No. 19 Para No/Clause No. 2.16	Consortium related conditions	page no. 19 consortium is allowed but but in page no.155 Consortium is not allowed.	Please refer to pg. no. 80 of section 4. Section 4 will supersed on all other sections in this tender.
118	Section No. Page No. 71 Para No/Clause No. 1	Insurance	How EESL can be co-insurer as they are not the implementing agency?	Insurances clauses as per section 4 will prevail.



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119	Section No. Page No. 89 Para No/Clause No. 5	Evaluation criteria and selection of bidder/ effective price	Pl explain the concept of effective price	Refer to Annexure I of this amendment "Evaluation Criteria"
120	Section No. 4 Page No. 105 Para No/Clause No. 2	Only indigenously manufactured PV modules and Pumps should be used in the Programme. 'Made in India' to be mentioned on solar panels and pumps.	As per KUSUM guideline Solar Cells also must be Indigenously	Bidder shall provide a declaration as per Attachment 14 enclosed with this amendment
121	Section No. 2 Page No. 14 Para No/Clause No. 2.16	The bidder shall have the option to submit the proposal either alone or along with other partner companies.	Section - 4, page no - 73, mentioned 'consortium not allowed'	Only NSIC consortium is allowed. Please refer to pg. no. 80 of section 4. Section 4 will supersedeon all other sections in this tender.
122	Section No. 3 Page No. 4 Para No/Clause No. 3.10	If the Implementing Partner is a joint venture or consortium of two or more firms	Need clarification on two or more firms. And Consortium have to done between Manufacturer	Only NSIC consortium is allowed. Please refer to pg. no. 80 of section 4. Section 4 will supersedeon all other sections in this tender.
123	Section No. 4 Page No. 101 Para No/Clause No. Annexure VII	Given cumulative quantity state wise	Need break up of all models in State wise	Since the Scheme is demand driven, break-up of quantity for different size of pumps is not possible.
124		MSME Relaxation	In terms of MSME Relaxation, you have provided concession in EMD that too only for NSIC Single point registration companies whose monetary limit is equal to greater than average annual required Turnover of the Tender. However as per the Haryana State Public Procurement policy for MSME - 2016 issued vide orders no. G.O. No.- 2/2/2016-41B11 (1) dated 20.10.2016 & G.O. No.-2/2/2016-41B11 (2) dated 20.10.2016 Haryana based manufacturing Micro, Small and Medium Industrial Enterprises (MSME) shall be provided exemptions/ concessions in EMD/Bid Security, Performance Security and Financial Criteria etc.	Please refer to Annexure II of this amendment
125		Consortium related conditions	In your Tender Consortium with NSIC Companies is allowed if the Bidder does not meet the financial turnover Requirement. In our opinion, similar consortium should be allowed in case the bidder does not meet the past performance requirements of the Tender and all the applicable benefits mentioned in point no. 1 Should be provided to the such Consortium bidders.  Both the members of the above Consortium need to be manufacturer of either Solar Panels or Solar Water Pumps?	Only NSIC consortium is allowed. Please refer to pg. no. 80 of section 4. Section 4 will supersedeon all other sections in this tender.
126		Past Experience	For Past Performance Experience of Panel Manufacturer, will the experience of Supply in Projects other than Water Pumping System count?	Yes



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127	Sr. No-2 of QR of Annexure-III at Page No. 155	The bidder should be, either of the following: i) Solar PV Module Manufacturer Or ii) Solar Pump Manufacturer (No Consortium is allowed in this tender)	Kindly confirm why you are considering Solar PV Module Manufacturer or Solar Pump Manufacturer only. Why are you not considering Solar Inverter/ PCU manufacturer.	This condition is according to KUSUM guidelines issued in public domain by MNRE.
128	Sr. No-2 of USPC Specification for Stand-alone application at Page No.- 147	The USPC with SPV modules and structure can be used for agrarian applications such as water pumping, apple grading and polishing system, wheat (grain) flour grinding machine / aatachakki, cutter/chaff, deep-fridger / cold storage, blower fan for cleaning of grains, heating loads and any other standard voltage (400/415V) three phase motor/equipment of capacity not more than the capacity of Solar PV pumping system. The USPC operation schematic diagram is shown in Fig. 1. Further, the applications are not limited upto the few shown in the figure.	Fig.1 (Page ) refers to battery storage but the details of battery capacity are not mentioned anywhere. Please clarify rating of batteries.	The figure is only for illustration prupose. Bidder is not required to design a battery bank or provide batteries with USPC.
129	Sr. No-2 (III) of USPC Specification for Stand-alone application at Page No.- 148	III. Controller should be able to run SPV pumping system as per MNRE specifications as well as any other type of motor of suitable rating, subject to the load characteristics of the equipment in which the motor is used is any of the following: a) Constant torque loads b) Constant power loads c) Quadratic loads d) Impact loads e) Hydraulic loads	Loads mentioned (aatachakki, freezer etc) need fixed frequency output and hence VFD is not sufficient to run these loads. Please clarify how the PCU will fit in this scheme.	The query is ir-relevant to the referred clause. The clause does not include a word 'VFD'.
130	Testing Procedure for Universal Solar Pump Controller (USPC) at Page No.-151	Testing Procedure for Universal Solar Pump Controller (USPC) USPC must be tested in two principle modes:	The test formats of USPC does not specify the test requirements of PCU. Please specify.	Test requirements are as per the MNRE testing procedure.
131	Sr. 3.8 "Use of indigenous components" at Pg No.-102	It will be mandatory to use indigenously manufactured solar modules with indigenous mono/multi crystalline silicon solar cells. Further, the motor-pump-set, controller and balance of system should also be manufactured indigenously. The vendor has to declare the list of imported components used in the solar water pumping system.	Since the pump and PV modules make is Indian hence USPC make should also be Indian only.	Bidder should follow Guidelines for the implementation of PM-KUSUM scheme issued by MNRE on 22-07-2019 and its subsequent amendment(s).
132		Third party Approval	Since the tender is due so shortly. It is not possible to get the third party approvals of USPC before the tender at such a short notice. Hence approvals of USPC should be allowed post tender also.	Bidder's query could not be understand as reffered clause/pg. no. is not mentioned. However, for test certificate of USPC, item 4 of this amendment may be reffered.



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133	Section No. 4 Page No. 17 Para No/Clause No. 3.3.1	SPV array contain specified no. of same capacity, type and specification modules connected in series or parallel to obtain the required voltage or current output. The SPV water pumping system should be operated with a PV array minimum capacity in the range of 900 Wp to 9000 Wp, measured under standard test conditions. Sufficient no. of modules in series and parallel could be used to obtain the required voltage or current output. The power output of individual PV modules used in PV array, under STC , should be a minimum of 3000 Wp with adequate provisions for measurement tolerances. Use of PV modules with higher power output is preferred.	As no specific module technology has been suggested and as per the document, we would request you to please confirm whether all PV technologies including Thin Film, crystalline silicon (poly, mono), and others are acceptable and eligible to be included in this tender	It will be mandatory to use indigenously manufactured solar modules with indigenous mono/ multi crystalline silicon solar cells.
134	Section No. 4 Page No. 2 Para No/Clause No. 6	Cost of guarantee for a period of 6-10 years...	We would like to seek clarification whether the entire system and consequently the solar PV modules also need to be provided a warranty for 10 years	Entire system needs to be provided a warranty of 5 years. Where as, for solar PV modules, MNRE technical specifications issued in 2019 shall be applicable which says "The PV Modules must be warranted for output wattage, which should not be less than 90% of the rated wattage at the end of 10 years and 80% of the rated wattage at the end of 25 years." Bidder shall also submit attachment-13 for O&M cost of 6-10 years.
135	Section No. 4 Page No. 7 Para No/Clause No. F	Bidder has an option to choose out of the 10 clusters for the ones it wishes to quote for.	We would like to seek clarification on how the solar pumping system would get allocated within the cluster of bidder's choice. Would there be visibility on the quantity and location of the pumps and choice be given to the bidder?	Refer to 'Process' on pg. 3 of section 4.
136	Section No. 4 Page No. 5 Para No/Clause No. C.2	Only indigenous manufactured PV modules and pumps should be used in the Programme. "Made in India" to be mentioned on solar panels and pumps.	As per this clause, we would like to seek clarification on what would qualify as the made in india requirement for the solar pumps and modules.	Attachment 14 enclosed with this amendment shall be applicable for this.
137	Section No. 3 Page No. 12 Para No/Clause No. 13.3	Contract Performance Security is mentioned as 10% in Section 3, Page 12, Clause 13.3 whereas in Section 4, Clause L, page 11, Contract Performance guarantee is mentioned as 20%	Request that the Contract Performance Guarantee be reduced to 10% in blocks of 500 nos instead of 1000 nos. Some states will not be able to allocate even 500 nos to the selected bidders.	Refer to Annexure III of this amendment
138	Section No. 4 Annex 1 Page No. 4 Para No/Clause No. A, Para 1	One authorized service in each operational district	We suggest that instead of every operational district, one service centre for every 1000 pumps installed.	No change. As per RfP
139	Section No. 4 Annex 1 Page No. 5 Para No/Clause No. C	Technical Requirement and testing: 'Made in India' should be mentioned on the Solar panels and pumps	To give full effect to this clause, it is suggested that 'Made in India' be mentioned on the Pump, Controller as well as the PCBs of the controller.	No change. As per RfP



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140	Section No. 4 Annex I Page No. 8 Para No/Clause No. F para vi	Evaluation criteria and selection of bidders: 5 bidders shall be empanelled on basis of lowest price quoted by the bidders	There seems to be some confusion in this clause as the clause begins by saying 'all eligible bidders will be empanelled cluster-wise' but ends with ' 5 bidders will be empanelled'. We suggest that the clause to be modified and it should be mentioned clearly that 'atleast 5 bidders shall be empanelled'.	At least 5 bidders shall be empanelled. However, if the number of parties who matches the price of L1 in a cluster is less than 4 (excluding the L1 party), then it's upto the EESL discretion whether to empanel less than 5 parties for a state or not. Also, if the participation itself is less than 4 parties, then also, it's upto the EESL discretion whether to empanel less than 5 parties for a state or not.
141	Section No. 4 Annex II Page No. 19 Para No/Clause No. 3.6.3	Point g). Lightning arrestor is supposed to be provided inside the SPV controller.	It may be added that ' Lightning arrestor to be provided on top of the SPV modules' so that adequate protection is provided to the whole Solar pumping system.	ok
142	Section No. 4 Annex II Page No. 61 Para No/Clause No. 12	Test reports shall be issued by the labs and use the common format developed by NISE	At present, common format is not yet issued to various labs and even the authorization of labs to test as per new MNRE specifications is not completed and/or not confirmed. Therefore until NISE issues the common format and confirms the same to EESL, the test labs shall be allowed to use their formats.	ok
143	Section No. 4 Annex II Page No. 62 Para No/Clause No. 13	On page 62, Clause 13 all NABL labs are authorised for testing the Solar pump systems, on page 72, only three labs are authorised to test 'Universal controller' but in Annexure 3, Clause 3, page 74, only three labs are mentioned as 'authorised for testing of solar pump system'	It is suggested that test reports of all, and only MNRE approved laboratories/test centres who are already carrying out testing of Solar water pumps be considered valid and they include, SITARC and ERDA. Test reports of non- MNRE approved NABL labs should not be considered valid. Also, the test labs are not ready to even accept pumps/controllers for testing to issue an acknowledgement . Even if they were to issue an acknowledgement, each bidder (who may or may not be successful in their bid) shall have to spend about 40-50 lacs upfront to obtain such an acknowledgement, and this may significantly limit the interest in bidding for this tender. It is suggested that submission of test reports, one for every rating of pump as per MNRE's 15-16 norms be mandatory for eligibility with an undertaking by the bidder that the test report as per MNRE 19-20 specifications would be submitted before the release of LOA.	Item 3 of this amendment will also be applicable to USPC
144	Section No. 4 Annex III Page No. 83 Para No/Clause No. Special conditions of the contract, Para 1	On page 73, it is mentioned that no consortium is allowed, but on page 80 in notes it is mentioned that 'Bidder is allowed to participate in consortium with NSIC'	It is suggested that for the purpose of adequate clarity, it should be mentioned on page 73, that No consortium is allowed, except that of only one bidder with NSIC, where NSIC is the lead bidder.	Pg. 80 of section 4 itself provides clarity on how NSIC consortium is to be allowed.



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145	Section No. 4 Annex III Page No. 73 Para No/Clause No. 2	On page 73, it is mentioned that no consortium is allowed, but on page 80 in notes it is mentioned that 'Bidder is allowed to participate in consortium with NSIC'	It is suggested that for the purpose of adequate clarity, it should be mentioned on page 73, that No consortium is allowed, except that of only one bidder with NSIC, where NSIC is the lead bidder.	Pg. 80 of section 4 itself provides clarity on how NSIC consortium is to be allowed.
146	Section No. 4 Annex III Page No. 78 Para No/Clause No. Table 1 (Past experience)	The column headers in Table 1 mention the experience required 'For Solar pumps (No of pumps installed/supplied) and the next column mentions 'For Solar PV modules installed/supplied (Experience in MWp)	The scope of this tender includes installation, commissioning and after sales support. There would be several pump manufacturers or module manufacturers who have absolutely no experience in carrying our installations of Solar pumps or SPV power plants and as per the aforementioned clause they will become eligible to bid, thus jeopardising the success of the tender. Therefore it is suggested that this clause may be modified to read ' For Solar pumps (No of pumps installed in Government or government funded projects in India) and in next column 'For Solar PV modules installed in Government or Government funded projects in India). This will ensure that only relevant bonafide experience which can be easily verified is considered.	The column headers may be readed as: No of pumps installed or supplied in their own name thru Govt. Tender Solar PV modules installed or supplied in their own name thru Govt. Tender (Experience in MWp)
147	Section No. 4 Page No. 99 Para No/Clause No. Price bid format for Universal Controller	Bidder has to mandatorily quote for Universal Controller	Since Universal controllers (USPC) are a new technology and there is no field experience of using such controllers with no universal controller installed in any project, it is suggested that submitting a bid for Universal controller to be made optional. Till date no official tender has ever been floated by any agency (Govt, Semi Govt, etc) for even 10 nos of USPC. Not a single USPC has been properly tested in the field and/or there has been no public disclosure of field trials. Currently only a few companies, including ours has only built R&D prototypes and are in the process of conducting field trials. Any R&D project/product must pass the norms of Govt of India for introduction in public tender. USPC has not passed through the rigorous field testing which is essential if the product has to be installed in bulk quantity through a tender which is supported by Govt of India. MNRE has floated the specifications of USPC about a month ago and there is no public notification of MNRE about the test labs and testing procedure to be adopted by the labs. Even the specifications which have been released may need significant modifications and standardization. Hence USPC should definitely not be made mandatory for bidding till the aforementioned aspects are addressed by MNRE/EESL.	Refer to item 87 of this amendment. However, bidder is not allowed to bid for Part A, Part B, Part F and Part G for USPC.



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148			The same make of solar panels, pumps, VFD/inverter/controller, for which the test report is to be submitted to the Implementing Agency as per MNRE solar pump testing procedure 2019, should be supplied by the bidder	Bidder has to furnish an undertaking as per the Attachment 15
149		Price bid table headings		As per various state responses on allocation of pumps, MNRE has decided to re-form the clusters. But, as electronic price bids are dynamic in nature and could not be changed, bidders are required to submit a declaration as per Attachment-17 enclosed with this amendment to quote the prices in price bid tables according to the new cluster wise allocations.
150	Annexure VII Section 4	State wise allocation		Revised as per Annexure VII enclosed with this amendment. Cluster-10 stands to be DELETED.
151		Price bid		Bidder shall quote the prices of SPWPS with water filled pumps in electronic price bid and provide a difference amount <b><i>in percentage(%) for SPWPS with oil filled pumps as per Attachment-18.</i></b> <b><i>Note: It is not mandatory to offer the prices for both oil filled or water filled.</i></b> <b><i>However, bidder have to declare whether quoting in the electronic price bid for SPWPS with water filled or oil filled pumpsets as per attachment-18. Incase, bidder do not provide this information, it will be deemed as bidder have quoted SPWPS with water filled pumps in the electronic price bid.</i></b>



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# Annexure I

## Price bid Evaluation Criteria

**Selection of bidder will be done on the technically acceptable lowest evaluated cost basis for each category of the pumpsets of the price bid table for both SPWPS with water filled and oil filled water pump system. For each category of SPWPS, there can be two L1 bidders. One for SPWPS with water filled pump set and One for SPWPS with oil filled pump set.**

**It is not mandatory to quote for USPC.**

Bidder not need to bid for Part A,B, F, G (for 1 and 2 HP pumps) for USPC Incase, bidder quotes for Part A,B, F, G USPC, it will not be considered for the price match.



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PROCUREMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN  
User ID : deepak.mittal  
Serial No : F3FA77  
PS : a.bhattacharya(Ashim.Bhattacharya)  
Date : 17-09-2019

## Annexure II

### ENERGY EFFICIENCY SERVICES LIMITED

Ref No.: Circular No. EESL/2019-20/SCM

Date: 16-09-2019

#### SCM Department Circular No. 12

**Sub.:** Clarification regarding benefits available to Start ups and MSEs in the Tendering process.

It is hereby notified and clarified that:

- All MSEs notified as per GFR 2017 clause no. 1.10.4 and as notified below shall be exempted from payment of Tender Document Fee and Bid Security/ Earnest Money Deposit. For claiming this exemption, MSE must, along with their offer, provide proof of their being registered as MSE (indicating the terminal validity date of their registration) for the item tendered, with any agency mentioned in the notification of Ministry of MSME, indicated below: -
  - District Industries Centers;
  - Khadi and Village Industries Commission;
  - Khadi and Village Industries Board;
  - Coir Board;
  - National Small Industries Corporation;
  - Directorate of Handicraft and Handloom;
  - Udyog Aadhar Memorandum issued by Ministry of MSE; or
  - Any other body specified by the Ministry of MSME.
- For claiming the above exemption for Start-ups, a valid certificate of Start-up recognised by 'Department of Industrial Policy & Promotion (DIPP)' along with Business eligibility certificate or any other document issued by Govt/Recognized institute is required in support of product/ service item being tendered.
- Purchase Preference to MSEs:** Subject to meeting terms and conditions stated in the tender document including but not limiting to prequalification criteria, 25% of the total quantity of the tender is earmarked for MSEs registered with above mentioned agencies/bodies for the tendered item. Out of the 25% target of annual procurement from micro and small enterprises 4% & 3% shall be earmarked for procurement from micro and small enterprises owned by Scheduled Caste (SC) & Scheduled Tribe (ST) entrepreneurs & Women entrepreneurs respectively. In the event of failure of such MSEs to participate in the tender process or meet the tender requirements and L1 price 4% & 3% sub targets so earmarked shall be met from other MSEs.

Type of tender	Price quoted by MSE	How the tender shall be finalised
Can be split	L1	Full Order on MSE subject to tender evaluation



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		condition
Can be split	Not L1 but within L1+15%	25% order on MSE subject to matching L1 price
Cannot be split	L1	Full Order on MSE
Cannot be split	Not L1 but within L1+15%	Full Order on MSE subject to matching L1 price

**3.1 Where the tendered quantity can be split.:** In a bid, if prices quoted by participating Micro and Small Enterprises (MSEs) fall within the price band of L1+15%, such MSE shall also be allowed to supply 25% of the total tendered quantity by bringing down their prices to L1 prices. In case of more than one such MSE (L1+15%) the supply shall be shared proportionately (to tendered quantity), subject to the condition that such MSEs match the L1 price. Further, 4% out of above 25% shall be from MSEs owned by SC/ST entrepreneurs & 3% out of above shall be from MSEs owned by women entrepreneurs. This quota is to be transferred to the general category MSEs in case of NONavailability of MSEs owned by SC/ ST entrepreneurs & Women entrepreneurs respectively.

**3.2 Where the tendered quantity cannot be split/divide:** In case of tender item is non-split able or non-dividable, etc.: MSE quoting price within price band L1+15% may be awarded for full/complete supply of total tendered value to MSE, considering spirit of Public Procurement Policy, 2012 for enhancing the Govt. Procurement from MSE.

**3.3 MSE owned by SC/ST is defined as:**

- In case of proprietary MSE, proprietor(s) shall be SC /ST
- In case of partnership MSE, The SC/ST partners shall be holding at least 51% shares in the enterprise.
- In case of Private Limited Companies, at least 51% share shall be held by SC/ST promoters.

**3.4 MSE owned by Women is defined as:**

- In case of proprietary MSE, proprietor(s) shall be Women
- In case of partnership MSE, The Women partners shall be holding at least 51% shares in the enterprise.
- In case of Private Limited Companies, at least 51% share shall be held by Women promoters.

If bidder does not provide appropriate document or any evidence to substantiate the above, then it will be presumed that he does not qualify for any preference admissible under the Public Procurement Policy, 2012.

- For relaxing the PQ/QR conditions regarding prior turnover and prior experience for MSEs and start-ups, the prior turnover and prior experience will be as under subject to their meeting of quality and technical specifications:-

<b>Category of tender</b>	<b>Past experience</b>	<b>Average Turn Over</b>	<b>Award Philosophy</b>
Can be split as per tender conditions	25% of total experience as required for general bidders	25% of total ATO as required for general bidders	(a) If MSE is L1, order will be given as per split criteria in order of ranking as defined in the tender document which could be greater than 25%. The treatment for award will be same for MSE as general bidder.



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			<p><b>(b)</b> If MSE is other than L1 bidder, then the split criteria as per tender condition will be followed subject to price matching with L1 bidder in order of ranking treating the MSE bidder(s) at par with the general bidder. In such event also, order(s) going to MSE bidder(s) could be greater than 25%. If order(s) going to MSE bidder(s) is/are less than 25% after the matching of rates with L1 bidder by adopting the tender split criteria, then the clause of purchase preference for award to MSE bidder(s) up to 25% of the tendered quantity subject to matching L1 rates will be followed to make the total quantity going to MSE bidder(s) @ 25%; provided the rates are within L1+15% range. In such cases, remaining quantity after award of 25% to MSE bidder(s) shall be distributed amongst other eligible bidders in the pre-declared split ratio. If order(s) going to MSE bidder(s) is less than 25% and also MSE bidder(s) not meeting the condition of purchase preference clause i.e. quoted rates not within L1+15% range, then the order(s) quantity going to MSE bidder(s) in such cases shall be less than 25% which will be in line with the tender conditions.</p> <p><b>(c)</b> If MSE is in the range of L1+15% and not getting the order after splitting and award is going to all non MSE bidder(s), then in such event 25% will be awarded to MSE bidder(s) who fall in the range of L1+15% subject to price matching and remaining 75% will be awarded as per the tender conditions to general bidders subject to matching L1 rates.</p> <p><b>(d)</b> If after splitting MSE bidder(s) are getting order for more than or equal to 25%, then other MSE bidder(s) will not be awarded any work under purchase preference clause even if they fall in the range of L1+15%. However, they will be considered for award of work as any other general bidder as per tender conditions subject to matching of rates in order of ranking.</p> <p><b>(e)</b> If MSE bidder is a single resultant vendor, then the quantity that would be considered for award to such bidder will be as defined in the pre-declared split ratio to L-1 bidder in</p>
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			the tender condition; provided the quoted rates of the bidder are found reasonable by EESL. However, EESL reserves the right to award 100% quantity to such MSE bidder provided the MSE bidder has got ATO which is corresponding to the cumulative applicability for 100% order value. In case, where ATO of the MSE bidder is less than what is required for 100% cumulative order value, then work may be awarded to such MSE bidder in proportion to the ATO. For exp: If ATO of MSE bidder is 56% of the cumulative ATO requirement of 100% order value, then maximum 56% work may be awarded to the MSE bidder. However, in such case EESL reserves the right to award appropriate quantity based on the existing requirement and such decision will be taken by EESL which will be binding on the bidder. EESL may take consent from the bidder for award of such quantity (which is over and above the quantity to be allotted to L-1 bidder as per pre-declared split ratio) before award.
Cannot be split as per tender conditions	25% of total experience as required for general bidders	85% of total ATO as required for general bidders	(a) If MSE is L1, 100% order will be given to MSE. (b) If MSE is within the range of L1 + 15%, 100% order will be given to MSE subject to price matching with L1 bidder. (c) If MSE is not L1 and not in range of L1 + 15%, no work will be given to MSE.

5. Start-ups are also covered under 25% purchase preference from procurement basket of MSEs as defined in point (3) above, provided that participating Start-ups submit all the relevant documents pertaining to MSEs as defined in point (1) above and documents for start-ups as defined in point (2) above.

#whereas, startup means an entity, incorporated or registered in India:

- i Not prior to seven years, however for Biotechnology Startups not prior to ten years,
- ii With annual turnover not exceeding INR 25 crore in any preceding financial year, and
- iii Working towards innovation, development or improvement of products or processes or services, or if it is a scalable business model with a high potential of employment generation or wealth creation
- iv Provided that such entity is not formed by splitting up, or reconstruction, of a business already in existence. Provided also that an entity shall cease to be a Startup if its turnover for the previous financial years has exceeded INR 25 crore or it has completed 7 years and for biotechnology startups 10 years from the date of incorporation/ registration.

Note : For Start-up firms, Gazette Notifications dated: 17-Feb-2016, G.S.R. 180 (E), and subsequently issued notifications will be considered.



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Serial No : F3FA77  
PS : a.bhattacharya(Ashim.Bhattacharya)  
Date : 17-09-2019

## NOTES:-

1. In case where tender quantity can be split and MSE bidder is already getting order more than 25% of the tender value, no additional purchase preference is required to be given in that tender.
2. In case MSE bidder is already getting order for less than 25% of the tender quantity, purchase preference to this and other MSE vendor (together) shall be given only up to the differential quantity to make total as 25% to MSE vendor subject to L1+15% and price matching.
3. Public Procurement policy is meant for procurement of goods produced and services rendered by Micro and Small Enterprises. The preference to MSEs is not applicable for works contracts where supply of goods not produced by MSEs is also involved.
4. The eligibility of MSE bidders for any other benefits/relaxations for MSE bidders indicated in Tender documents shall be as indicated in the above "Tender conditions for Benefits/Preference for Micro & Small Enterprises (MSEs)."
5. If bidder submits EMD/bid security fees and also MSE certificate along with the offer, then the bidder will be treated as general bidder and no relaxation will be given to such bidders pertaining to MSE's.
6. The registration certificate must be valid as on bid closing date of the tender. Bidder shall ensure validity of certificate in case bid closing date is extended. The MSEs who have applied for registration or renewal of registration with any of the above agencies/bodies, but have not obtained the valid certificate till the end date of bid submission, are not eligible for any exemption/preference and will not be considered. Such offers will be treated as offers received without EMD and out rightly rejected.
7. Traders, resellers, distributors and agents will not be considered for availing benefits under PP Policy 2012 for MSEs.



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## Annexure III

### CONTACT PERFORMANCE GURANTEE

Bidder shall submit a bank guarantee (BG) of 10% of the amount equivalent to the 20% of the value of total state-wise allocation or 500 nos. of SPWPS, whichever is lower, to respective Implementing Agency's with the validity of 1 year to be rolled over every year for the first five years.

However, if total number of SPWPS is more than 20% of the value of total state-wise allocation or 500 nos. in the first list of consent of beneficiaries in bidder's favor, bidder shall submit another CPG equivalent to differential value of order as per NTP.

#### Illustration:

For Chhattisgarh bidder has submitted the CPG equivalent to the order value of 500 nos of SPWPS to Implementing Agency (as 20% of state allocation i.e, 20000 is equal to 4000 which is higher than 500). After getting a list of beneficiaries, bidder submits consent of 1500 beneficiaries in his favor. In this case, bidder shall also submit a CPG of 10% of the amount equivalent to the 1000 (1500-500) nos. of SPWPS in addition to the previously submitted CPG equivalent to the order value of 500 nos of SPWPS to respective Implementing Agency to get NTP.

In case, if consent of beneficiaries in bidder's favor is less than the value of submitted CPG, Implementing Agency shall return the original CPG within 15 days of receiving the new CPG equivalent to total awarded quantity to the bidder. However, such request for return of the CPG equivalent to unawarded capacity shall be considered only after 12 months of issuance of LoA.

#### Illustration:

For any state, Bidder has submitted the CPG of 10% of the amount equivalent to the order value of 500 nos of SPWPS to Implementing Agency. However, in 12 months, bidder can only get 300 no.s of consent of beneficiaries in his favor. In this case, bidder can claim the return of CPG equivalent to the un-awarded capacity i.e, 200 (500-300) after submitting the CPG equivalent to the 10% of the amount of awarded capacity i.e, 300 no.s of SPWPS.



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## Annexure IV

### TERMS OF PAYMENT:

**Stage I: - 90% of the value of month-wise nos. of SPWPS installed at site and 100% applicable taxes there upon based on:**

- Submission of detailed work plan (Project Execution plan) with timeline for the lot supplied duly approved by SNA's representative;
- Submission of evidence in hard copy regarding completion of installation of SPWPS in good condition at site, duly verified and acknowledged by EIC, SNA and Farmer.
- All the relevant Warranty and quality (performance test reports) of the lot to be submitted.
- Signing of contract agreement between SNA and successful bidder.
- Submission of Contract Performance Guarantee (CPG) as per relevant CPG clause to SNA
- Submission of original supply Invoices/Bills duly verified/certified by EIC, SNA.
- Submission of report supported with labelled photograph on completion of village community training, awareness/ sensitization, capacity building measures undertaken and development of entrepreneurship etc. in each village with relevant photographs
- Submission of installation report as per prescribed format of SNA.
- Operation and Maintenance manual to be provided to each beneficiaries
- Submission of handing over certificates of solar photovoltaic water pumping system signed by Farmer and duly certified by SNA's representative;
- Performance report for 1 day after commissioning based on data received from remote monitoring system or data logger in cases, where internet services are not available
- An undertaking shall need to be submitted by the Contractor certifying that the civil work will withstand the wind speed of 150 km/hr in all weather conditions

**Stage II: - Balance 10% i.e. on completion of one month from the date of completion certificate**

**Note: -**

∅ SNA has the right to seek any additional documents / information / certification it deems fit prior to the release of any payment relevant to the SPWPS.

∅ Payment will be made to the bidder within 30 Days after submission of Invoice complete in all respect i.e. with all the required documents and compliance of relevant terms & conditions of LOA duly accepted & certified by EIC, SNA

∅ If the invoice is incomplete in any respect or if there is any non-compliance with relevant Terms & Conditions of LOA, payment due date shall start from the date of submission of all necessary documents provided relevant terms & conditions of LOA have been fulfilled.



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## Annexure V

Cluster	States				
		Total No. of Pumps	For Solar Pumps (No. of Solar Pumps supplied or installed)	For Solar PV Modules supplied or installed (Experience in MWp)	Average ATO in INR Crore
1	Chhattisgarh	20000	1,200	6.00	36.60
2	Madhya Pradesh	25000	1,500	7.50	45.75
3	Rajasthan	25000	1,500	7.50	45.75
4	Tamil Nadu, Karnataka, Telangana, kerala and Puducherry	19650	1,179	5.90	35.96
5	Haryana, Punjab, Gujarat, Goa, Chandigarh, Dadra & Nagar Haveli, Daman & Diu and Delhi	23750	1,425	7.13	43.46
6	Bihar, Jharkhand, West Bengal and Odisha	15700	942	4.71	28.73
7	Maharashtra	30000	1,800	9.00	54.90
8	Uttar Pradesh	15000	900	4.50	27.45
9	Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Tripura, Himachal Pradesh, Uttarakhand and Jammu & Kashmir	7100	426	2.13	14.29
		<b>181200</b>	<b>10872</b>	<b>54.36</b>	<b>332.8953</b>



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 Date : 17-09-2019

## Annexure VI

Cluster No.	State	EMD amount in INR Lakhs
1	Chattisgarh	244
	<b>Total</b>	
2	Madhya Pradesh	305
	<b>Total</b>	
3	Rajasthan	305
	<b>Total</b>	
4	Tamil Nadu	213.50
	Karnataka	12.20
	Telangana	12.20
	Kerala	1.22
	Puducherry	0.61
	<b>Total</b>	
5	Haryana	183
	Punjab	54.90
	Gujarat	48.80
	Goa	0.61
	Chandigarh	0.61
	Dadra & Nagar Haveli	0.61
	Daman & Diu	0.61
	Delhi	0.61
	<b>Total</b>	
6	Bihar	30.50
	Jharkhand	122
	West Bengal	8.54
	Odisha	30.50
	<b>Total</b>	
7	Maharashtra	366
	<b>Total</b>	
8	Uttar Pradesh	183
	<b>Total</b>	
9	Arunachal Pradesh	0.67
	Assam	9.39
	Manipur	0.67
	Meghalaya	22.81
	Mizoram	2.68
	Nagaland	0.67
	Sikkim	0.67
	Tripura	17.45
	Himachal Pradesh	22.81
	Uttarakhand	4.03
	Jammu & Kashmir	13.42
	<b>Total</b>	
	<b>Grand Total</b>	<b>2219.30</b>



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 Date : 17-09-2019

## Annexure VII

Cluster	States	Total No. of Pumps
1	Chhattisgarh	20000
2	Madhya Pradesh	25000
3	Rajasthan	25000
4	Tamil Nadu, Karnataka, Telangana, kerala and Puducherry	19650
5	Haryana, Punjab, Gujarat, Goa, Chandigarh, Dadra & Nagar Haveli, Daman & Diu and Delhi	23750
6	Bihar, Jharkhand, West Bengal and Odisha	15700
7	Maharashtra	30000
8	Uttar Pradesh	15000
9	Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Tripura, Himachal Pradesh, Uttarakhand and Jammu & Kashmir	7100
	<b>TOTAL</b>	<b>181200</b>



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## Annexure VIII

### Requirements of Remote Monitoring System

1. State Implementing Agency (SIA) will have a common SWPS (Solar Water Pumping System) Management platform for monitoring of operation and performance of SWPS installed under PM KUSUM Scheme.
2. Remote Monitoring System (RMS) of SWPS should have following minimum features or modules:
  - a. Solar System Performance: DC Voltage, DC current, AC output Current, Power, Drive frequency, Energy, etc.
  - b. Pump Performance: Running Hours, Water Discharge (Output), etc.
  - c. RMS Performance: %Device Connectivity, %Data Availability, etc.
  - d. Geo Location: Real time latitude and longitude should be captured
  - e. Events and Notifications: Faults related to Pump Operation, Solar generation, Controller/Drive faults like overload, dry run, short circuit, etc.
  - f. Consumer Management: Name, Agriculture details, Service No. Contact Details, etc.
  - g. Asset Management: Ratings, Serial Number, Make, Model Number of Pump, Panel and Controller, Geo Location, IMEI number (of communication module) and ICCID (of SIM).
  - h. Complaint and Ticket Management
  - i. Consumer Mobile Application: Generation, Running Hours, Water Discharge, Complaint logging, etc.
3. RMS provided by all bidder's should connect to State Level Solar Energy Data Management platform, which will have interface with National Level Solar Energy Data Management platform.
4. Communication Architecture should be as per following:
  - a. **Communication Connectivity:**
    - i. **Pump Controller Connectivity:** Communication between RMS and Pump Controller should be on UART/RS485 MODBUS RTU protocol to ensure interoperability irrespective of make and manufacturer
    - ii. **Remote Connectivity:** RMS of SWPS should be using GSM/GPRS/2G/3G/4G cellular connectivity
    - iii. **Local Connectivity:** Ethernet/Bluetooth/Wi-Fi connectivity to configure parameters, notifications, communication interval, set points etc. or to retrieve locally stored data
    - iv. **Sensor Connectivity:** RMS should have provision for at least two Analog/Digital inputs with 0.1% accuracy to address the requirement of local sensors connectivity if required by SIA/Consumer for applications such as irradiation, flow meter for water discharge, moisture sensor for micro irrigation, etc.



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- v. RMS should have provision to give remote On/Off command to pump through farmer mobile app.
- b. Communication Modes:**
  - i. Push Data on Event/Notification: such as pump on, pump off, protection operated, etc.
  - ii. Push Data Periodically: important parameters of solar pump (as mentioned above) should be pushed to central server on configurable interval. Interval should be configurable for 60 sec or less.
  - iii. Command On Demand : It should be possible to send commands via GSM or GPRS to RMS either to control pump operations or to update configuration
- c. Communication Protocol:** RMS should provide data on MQTT protocol to establish communication with thousands of systems.
- d. Security:**
  - i. Communication between RMS and Server should be secured and encrypted using TLS/SSL/X.509 certificate etc.
  - ii. As a part of IoT protocol, Authentication and Authorization should be implemented using token/password mechanism
- e. Message Format:** RMS should provide data in a JSON message format as required by respective SNA
- f. Data Storage:** In case of unavailability of cellular network, RMS should store data locally and on availability of network it should push data to central Server. Local data storage should be possible for at least five years in case of unavailability of cellular network.
- g. Firmware Over-The-Air:** RMUs should have Firmware Over-The-Air (FOTA) feature. Through FOTA one should be able to update – Display, Data logging interval, IP of the server, APN, Data logging parameters etc. Software updating should be possible with 2G and even without the presence of SD card. Software updating process and/or failure to update software shouldn't disrupt pumping operations



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PS : a.bhattacharya(Ashim.Bhattacharya)  
Date : 17-09-2019

Tender Name: Design, Manufacture, Supply, Transport, Installation, Testing and Commissioning of approximate 1,75,000 numbers of Off Grid Solar Photovoltaic Water Pumping Systems in selected States on PAN India basis, including complete system warranty and its repair and maintenance for 5 Years under MNRE off-grid and decentralized solar PV applications scheme on behalf of State Nodal Agencies (Implementing Agencies).

**ATTACHMENT –12**

**(Declaration for Clusters Quoted by the Bidder)**

Ref. NIT/Bid Document No.: \_\_\_\_\_.

{Description: \_\_\_\_\_}

To,

**CGM (SCM),  
Energy Efficiency Services Limited,  
Core-3, 6th Floor,  
SCOPE Complex,  
Lodhi Road, New Delhi-110003**

Sub.: **Declaration for the Clusters Quoted by bidder in the Tendered Delivery Period**

Ref. above Tender, I/we (on behalf of M/s.....) hereby admit that I/we, have quoted for the following Clusters in the above-referred Tender.

Work Package	Cluster No.	Participated (Yes/No)
<i>Design, Manufacture, Supply, Transport, Installation, Testing and Commissioning of approximate 1,75,000 numbers of Off Grid Solar Photovoltaic Water Pumping Systems in selected States on PAN India basis, including complete system warranty and its repair and maintenance for 5 Years under MNRE off-grid and decentralized solar PV applications scheme on behalf of State Nodal Agencies (SNAs).</i>	Cluster 1	
	Cluster 2	
	Cluster 3	
	Cluster 4	
	Cluster 5	
	Cluster 6	
	Cluster 7	
	Cluster 8	
	Cluster 9	

Name of Authorized Signatory  
Signature of bidder  
With stamp & Address



Signature :-  
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PROCUREMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN  
User ID : deepak.mittal  
Serial No : F3FA77  
PS : a.bhattacharya(Ashim.Bhattacharya)  
Date : 17-09-2019

Tender Name: Design, Manufacture, Supply, Transport, Installation, Testing and Commissioning of approximate 1,75,000 numbers of Off Grid Solar Photovoltaic Water Pumping Systems in selected States on PAN India basis, including complete system warranty and its repair and maintenance for 5 Years under MNRE off-grid and decentralized solar PV applications scheme on behalf of State Nodal Agencies (Implementing Agencies).

(\*bidder has to mandatorily submit the declaration as above. The bid shall be evaluated on the basis of this declaration. Providing false information may lead to technically non-responsiveness of the bid.)



Signature :-  
Subject : CN=DEEPAK MITTAL, ST=DELHI, OID.2.5.4.17=110003, OU=CONTRACTS AND  
PROCUREMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN  
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ATTACHMENT – 13

**To be filled and uploaded in Price Bid**

Ref. NIT/Bid Document No.: \_\_\_\_\_.

{Description: \_\_\_\_\_ }

**To,**

**CGM (SCM),**

**Energy Efficiency Services Limited.**

(A JV of PSUs of Ministry of Power, Govt. of India)

Core-3, 6th Floor,

SCOPE Complex,

Lodhi Road, New Delhi-110003

Sub.: **Declaration for the prices quoted by Bidder in the AMC period of 6-10 years.**

Cluster no.	Prices in INR (per HP) Exclusive of GST (Please put up prices for the Clusters you wish to quote for as per attachment 12. Insert “not applicable” for clusters you are not quoting for)	
	Water Filled	Oil Filled
Cluster 1		
Cluster 2		
Cluster 3		
Cluster 4		
Cluster 5		
Cluster 6		
Cluster 7		
Cluster 8		
Cluster 9		

Name of Authorized Signatory

Signature of bidder

With stamp & Address

\*Payment will be done on annual basis.



Signature :-  
Subject : CN=DEEPAK MITTAL, ST=DELHI, OID.2.5.4.17=110003, OU=CONTRACTS AN  
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**ATTACHMENT -14**

Ref. NIT/Bid Document No.: \_\_\_\_\_.

**DECLARATION FOR THE LOCAL CONTENT**

From: M/s \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Sub: Declaration for the local content**

*We declare that we will be using indigenously manufactured solar panels with indigenous solar cells and modules. Further, we are agreeing to accept and follow Guidelines for the implementation of PM-KUSUM scheme issued by MNRE on 22-07-2019 and its subsequent amendment(s).*

List of imported components used in the manufacturing of solar water pumping system:

S.No.	Item Imported

Name of Authorized Signatory

Signature of supplier  
With stamp



Signature :-  
Subject : CN=DEEPAK MITTAL, ST=DELHI, OID.2.5.4.17=110003, OU=CONTRACTS AND  
PROCUREMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN  
User ID : deepak.mittal  
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ATTACHMENT -15

Ref. NIT/Bid Document No.: \_\_\_\_\_.

**DECLARATION FOR USING SAME MAKE OF EQUIPMENTS AS PER THE TEST CERTIFICATE**

From: M/s \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Sub: Declaration for using same make of equipment's as per the test certificate**

*We are agreeing to accept that the same make of solar panels, pumps, VFD/inverter/controller for which the test report is to be submitted to the Implementing agency, as per MNRE solar pump testing procedure 2019, will be supplied by us.*

*Incase if some different make of solar panels, pumps, VFD/inverter/controller will be supplied during the implementation or AMC period, we will submit the test report for that particular make component(s). We also agree that such test reports shall be issued by the National Institute of Solar Energy and any other lab accredited by NABL for testing of solar PV water pumping system as per MNRE specifications and testing procedure.*

Name of Authorized Signatory

Signature of supplier  
With stamp



Signature :-  
Subject : CN=DEEPAK MITTAL, ST=DELHI, OID.2.5.4.17=110003, OU=CONTRACTS AN  
PROCUREMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN  
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Tender Name: Design, Manufacture, Supply, Transport, Installation, Testing and Commissioning of approximate 1,75,000 numbers of Off Grid Solar Photovoltaic Water Pumping Systems in selected States on PAN India basis, including complete system warranty and its repair and maintenance for 5 Years under MNRE off-grid and decentralized solar PV applications scheme on behalf of State Nodal Agencies (Implementing Agencies).

ATTACHMENT -16

Ref. NIT/Bid Document No.: \_\_\_\_\_.

**DECLARATION FOR SUBMITTING THE TEST CERTIFICATE AS PER MNRE TECHNICAL SPECIFICATIONS FOR SOLAR WATER PUMPSETS ISSUED IN 2019**

From: M/s \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Sub: Declaration for the test certificate as per MNRE technical specifications for solar water pump sets issued in 2019**

*We are agreeing to accept that the test certificates are to be submitted to the Implementing Agency, reports as per MNRE technical specifications and testing procedures issued in 2019, will be submitted by us within 30 days of Implementing Agency intimation or issuance of LoA/LoE. In failure of which our empanelment will stand cancelled, without any prior intimation.*

*These certificates shall be submitted either in original form or attested copy by the issuing test lab.*

Name of Authorized Signatory

Signature of supplier  
With stamp



Signature :-  
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PROCUREMENT, O=ENERGY EFFICIENCY SERVICES LIMITED, C=IN  
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Date : 17-09-2019

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ATTACHMENT -17

Ref. NIT/Bid Document No.: \_\_\_\_\_.

**DECLARATION TO QUOTE PRICES AS PER NEW CLUSTER FORMATION**

From: M/s \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Sub: Declaration to quote prices as per new cluster formation**

*We are agreeing to accept that the price bid headings in electronic price bid formats (to be filled online) shall be read as per below table and prices quoted by us in electronic price bid formats (to be filled online)is as per below clusters:*

Cluster	States
1	Chhattisgarh
2	Madhya Pradesh
3	Rajasthan
4	Tamil Nadu, Karnataka, Telangana, kerala and Puducherry
5	Haryana, Punjab, Gujarat, Goa, Chandigarh, Dadra & Nagar Haveli, Daman & Diu and Delhi
6	Bihar, Jharkhand, West Bengal and Odisha
7	Maharashtra
8	Uttar Pradesh
9	Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Tripura, Himachal Pradesh, Uttarakhand and Jammu & Kashmir

Name of Authorized Signatory  
Signature of supplier  
With stamp



Signature :-  
Subject : CN=DEEPAK MITTAL, ST=DELHI, OID.2.5.4.17=110003, OU=CONTRACTS AN  
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ATTACHMENT -18

Ref. NIT/Bid Document No.: \_\_\_\_\_.

**DECLARATION TO QUOTE PRICES FOR SPWPS WITH WATER FILLED OR OIL FILLED PUMPS**

From: M/s \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Sub: Declaration to quote prices for SPWPS with water filled or oil filled pumps**

*We declare that we are quoting **SPWPS with** \_\_\_\_\_ **(water filled or oil filled) pumps** in the electronic price bid.*

*We also offer our price for **SPWPS with** \_\_\_\_\_ **(water filled or oil filled) pumps** with a price deviation as follows:*

<b>Complete solar photo voltaic water pumping system</b>	<b>Deviation in Price</b>	<b>In percentage (%)</b>
(Water filled or Oil filled)	(+ or -)	

Name of Authorized Signatory

Signature of supplier  
With stamp

**Note: It is not mandatory to offer the prices for both oil filled or water filled. However, bidder have to declare whether he/she is quoting for SPWPS with water filled or oil filled pumps in the electronic price bid.**



Signature :-  
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User ID : deepak.mittal  
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PS : a.bhattacharya(Ashim.Bhattacharya)  
Date : 17-09-2019