

**INVITATION FOR BIDS (IFB)  
FOR  
IMPLEMENTATION OF 2 MW GRID CONNECTED ROOF TOP SOLAR POWER PLANTS IN RESIDENTIAL SECTORS IN DIFFERENT DISTRICTS OF ASSAM THROUGH CAPEX MODEL UNDER PHASE – II OF GRID CONNECTED ROOFTOP SOLAR PROGRAMME, MNRE, GOI**

**(SINGLE STAGE TWO ENVELOPE BIDDING)**

**Under e-procurement**

Date of Issuance of IFB: ...../08/2020

- 1.0 Government of India has launched Jawaharlal Nehru National Solar Mission (JNNSM) which now has a target of 100,000 MW of grid solar power by 2022, out of which grid connected rooftop Solar PV systems is considered as very potent area and has a target of 40,000 MW. To achieve energy security and for having good optics, it is envisaged to develop solar rooftop projects on large scale by **utilizing vacant roofs of buildings and adjoining lands of the campus etc.**
- 2.0 MNRE (Ministry of New & Renewable Energy, Government of India) has sanctioned 2 MW aggregate capacities of Grid Connected Rooftop Solar Power Plants to APDCL on **27/07/2020** for the implementation of said plants in Residential Sector in Assam.
- 3.0 For the purpose of all procurement activities related to the said works, **Assam Power Distribution Company Limited** (hereinafter referred to as 'APDCL') shall be referred to as 'Employer'.
- 4.0 APDCL, therefore, invites sealed bids from eligible bidders to participate in Request for Selection (RfS) for Site Survey, Design, Manufacture, Supply, Erection, Testing and Commissioning and Operation & Maintenance of 2 MW Grid Connected Rooftop Solar Power Plants (GCRSPP) in residential sector in different locations of Assam against the following categories:

Sl. No	Category	Total Tender Capacity (kW)	Capacity wise Category	Individual Plant Capacity	Total Capacity against category (kW)
1	Tender Category	1600	Tender Category-I	1 kW	200
			Tender Category-II	2 kW	400
			Tender Category-III	3 kW	400
			Tender Category-IV	>3 to 10 kW	600
2	MSE Category	400	MSE Category-I	1 kW	50
			MSE Category-II	2 kW	100
			MSE Category-III	3 kW	100
			MSE Category-IV	>3 to 10 kW	150
	<b>Total</b>	<b>2000</b>			<b>2000</b>

- 5.0 For the implementation of above mentioned work, Bidders should submit their bid proposal both online and offline complete in all respect on or before Last date of Bid Submission as mentioned on the Bid Information Sheet.
- 6.0 Bidder shall submit bid along with non-refundable Tender Processing Fee and refundable Bid Security (EMD) complete in all respect as per the Bid Information Sheet. Techno- Commercial bids will be opened as per the Bid Information Sheet in online & offline mode in presence of authorized representatives of bidders who wish to be present. Bid proposals received without the prescribed bid fees and Bid Security (EMD) will be rejected. However the bidder must deposit online non refundable tender processing fee and EMD shall also be submitted online while submission of tenders in <https://assamtenders.gov.in>. In the event of any date indicated above is a declared Holiday, the next working day shall become operative for the respective purpose mentioned herein.
- 7.0 Bid documents which include Eligibility Criteria, Technical Specification, various conditions of contract, formats etc. can be downloaded from the official website of APDCL [www.apdcl.org](http://www.apdcl.org) or from <https://www.assamtenders.gov.in>. It is mandatory to download official copy of RfS document from <https://www.assamtenders.gov.in> in order to participate in the tender. Any amendment (s) / corrigendum / clarification (s) with respect to this Bid shall be uploaded on <https://www.assamtenders.gov.in> only. The Bidder should regularly check for any Amendment (s) / Corrigendum / Clarification (s) on the above website only



**RFS FOR IMPLEMENTATION OF 2 MW GRID CONNECTED ROOF TOP SOLAR PV SYSTEM IN RESIDENTIAL SECTOR IN DIFFERENT DISTRICTS THROUGHOUT THE STATE OF ASSAM THROUGH CAPEX MODEL UNDER Grid Connected RTS Program (RTS Ph-II), MNRE**

- 8.0 The bidding process under this RfS is for 2 MWp GCRSPP in CAPEX Model comprising of plant capacity from 1 kW to 10 kW.
- 9.0 **Vide notification No. 318/331/2017 GCRT, Solar Rooftop Division dated 30/01/2020; all the bidders within the price bracket of (L1 + X% of L1) shall be empanelled where L1 is discovered lowest rate provided they agree to accept L1 rate. The 'X' value under this RFS shall depend on the allotment of capacity to the vendors till tender capacity against each category is exhausted.**
- 10.0 Bidder can quote
- Maximum of 500 kW under Tender Category & 200 kW under MSE category and
  - Minimum of 200 kW under Tender Category & 120 kW under MSE category as per the eligibility criterion of RfS.
  - The maximum and minimum aggregate quote capacities against each categories shall be as follows:

Sl. No	Category	Capacity wise Category	Individual Plant Capacity	Maximum Quoted Capacity (kW)	Minimum Quoted Capacity (kW)
1	Tender Category	Tender Category-I	1 kW	63	25
		Tender Category-II	2 kW	125	50
		Tender Category-III	3 kW	125	50
		Tender Category-IV	>3 to 10 kW	187	75
		<b>Tender Category</b>		<b>500</b>	<b>200</b>
2	MSE Category	MSE Category-I	1 kW	25	15
		MSE Category-II	2 kW	50	30
		MSE Category-III	3 kW	50	30
		MSE Category-IV	>3 to 10 kW	75	45
		<b>MSE Category</b>		<b>200</b>	<b>120</b>

- 11.0 It is mandatory for the bidder to quote all the categories in the same tendering process otherwise all of the proposals in which the Bidder has participated to be disqualified
- 12.0 The detailed scope of work includes:
- Site Survey, Design, Engineering, Manufacture, Supply, Storage, Civil work, Erection, Testing & Commissioning of the grid connected rooftop Solar PV Project including Operation and Maintenance (O & M) of the project for a period of 5 years after commissioning of project.
  - Identification of residential consumer of APDCL and shall be required to visit the respective sites and check the feasibility of space including installation capacity in consultation with respective site in-charge / owner. Successful bidders need to submit project sanction documents (EPC agreement between successful bidder and the rooftop owner(s) at the approved project cost as per RfS and project report) for the approval of APDCL for issuance of project specific sanction letter(s).
- 13.0 Tender Processing Fee and Bid Security/EMD shall be submitted online and the techno – commercial bid shall be submitted both online & offline in the office of APDCL.
- 14.0 PBG amount shall be furnished by the successful bidder after issuance of LOA by APDCL.

**NB:** For further details regarding online payment of tender processing fees and EMD, please visit the link <https://assamtenders.gov.in/nicgep/app.jsessionid=3CE1531EA122696CA1FE6CAEBA50A5D1.asmgpeps2?page=WebAnnouncements&service=page#100>



### BID INFORMATION SHEET

The Bid Information Sheet is provided below:

Particulars	Description																				
Document Description	Implementation of 2 MW Grid Connected Roof top Solar Power Plants in residential sectors in different districts of Assam through CAPEX model under phase – ii of grid connected rooftop solar programme, MNRE, GOI																				
RFS No. and Date	<b>APDCL/CGM (PP&amp;D)/NRE-168/2020-21/116 Date: 17/08/2020</b>																				
Benchmark Cost	<table border="1"> <thead> <tr> <th>Sl. No</th> <th>Plant capacity</th> <th>Benchmark Cost (Rs./kWp)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1 kW</td> <td>Rs. 52000/-</td> </tr> <tr> <td>2</td> <td>2 kW</td> <td>Rs. 47000/-</td> </tr> <tr> <td>3</td> <td>3 kW</td> <td>Rs. 46000/-</td> </tr> <tr> <td>4</td> <td>&gt;3 to 10 kW</td> <td>Rs. 45000/-</td> </tr> </tbody> </table>	Sl. No	Plant capacity	Benchmark Cost (Rs./kWp)	1	1 kW	Rs. 52000/-	2	2 kW	Rs. 47000/-	3	3 kW	Rs. 46000/-	4	>3 to 10 kW	Rs. 45000/-					
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4	>3 to 10 kW	Rs. 45000/-																			
Location	<p><b>Residential:</b> All types of residential buildings</p> <p>The above categories shall exclude Government Buildings and Government Institutions and also all commercial and industrial establishment, which are not eligible for any CFA by MNRE, GoI</p>																				
Total capacity	<table border="1"> <thead> <tr> <th>Sl. No</th> <th>Category</th> <th>Capacity (kW)</th> <th>Minimum Quoted Capacity (kW)</th> <th>Maximum Quoted Capacity (kW)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Tender Category</td> <td>1600</td> <td>200</td> <td>500</td> </tr> <tr> <td>3</td> <td>MSE Category</td> <td>400</td> <td>120</td> <td>200</td> </tr> <tr> <td></td> <td><b>Total</b></td> <td><b>2000</b></td> <td></td> <td></td> </tr> </tbody> </table>	Sl. No	Category	Capacity (kW)	Minimum Quoted Capacity (kW)	Maximum Quoted Capacity (kW)	1	Tender Category	1600	200	500	3	MSE Category	400	120	200		<b>Total</b>	<b>2000</b>		
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1	Tender Category	1600	200	500																	
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	<b>Total</b>	<b>2000</b>																			
Downloading of Bidding Document	The Bidding Document can be downloaded online only through <a href="http://www.apdcl.org">www.apdcl.org</a> and <a href="https://www.assamtenders.gov.in">https://www.assamtenders.gov.in</a> website of Government of India from 17.08.2020 at 17:00 Hrs to 07.09.2020 upto 12:00 Hrs																				
Period of work	<b>8 (Eight) Months</b> from the date of issuance of LOA																				
Last Date of Submission of Query	<b>24.08.2020</b> upto 15.00 HRS																				
Pre-bid Conference / Clarification Meeting	<b>25.08.2020</b> at 12.00 HRS through online mode in Google Meet. All the prospective developers are requested to visit official website of APDCL ( <a href="http://www.apdcl.org">www.apdcl.org</a> ) or <a href="https://assamtenders.gov.in">https://assamtenders.gov.in</a> on or before <b>24.08.2020</b> for process of joining of the meeting.																				
Last date & Time for Online Submission of bids and physical submission of offline document	<b>07.09.2020</b> upto 15.00 HRS																				
Address for submission of Techno-Commercial Bid	<p>General Manager (NRE)                      Assam Power Distribution Company Limited,                      Bijulee Bhawan , Annex Building, O/o the CGM (RE)                      Paltanbazar, Guwahati.                      Dist.: Kamrup (Metro), Pin: 781001, Assam, India.                      Telephone No.:- (0361) - 2735684                      E-mail: <a href="mailto:gmnre.apdcl@gmail.com">gmnre.apdcl@gmail.com</a></p>																				
Online Bid Opening (Techno-Commercial)	<b>09.09.2020</b> at 14.00 HRS																				
Price Bid Opening	To be intimated subsequent to techno – commercially responsive bidders																				
Cost of RFS (Non-refundable applicable for the Bidder)	<p>Amount: <b>INR 5000/-</b> (Indian Rupees Five Thousand Only) to be submitted by the <b>Bidder</b> in online while online submission of tenders in <a href="https://assamtenders.gov.in">https://assamtenders.gov.in</a>.</p> <p>Micro and Small Enterprise (MSEs) having registered with District Industries &amp; Commerce Center, Assam who are also registered in NSIC under their single point registration scheme shall be <b>exempted from furnishing the Tender Fee</b>, subject to the submission of documentary evidence as mentioned in clause no. 3.13 of this RFS.</p>																				




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<p><b>Bid Security (EMD) applicable for the Bidder</b></p>	<p>(1) <b>Tender Category:</b> Amount: <b>INR 520/- per kW</b> (Indian Rupees Five Hundred &amp; Twenty only) or part thereof as per quoted capacity</p> <p>The EMD to be submitted by the Bidder in online while online submission of tenders in <a href="https://assamtenders.gov.in">https://assamtenders.gov.in</a>.</p> <p>(2) <b>Local MSE(s):</b></p> <p>Micro and Small Enterprise (MSEs) having registered with District Industries &amp; Commerce Center, Assam who are also registered in NSIC under their single point registration scheme shall be exempted from furnishing the EMD, subject to the submission of documentary evidence as mentioned in clause no. 3.13 of this RFS</p>
<p><b>Performance Security / Contract Performance Guarantee (CPG) to be submitted by successful bidders</b></p>	<p>Amount: <b>INR 1300/- per kW</b> (Indian Rupees One Thousand Three Hundred per kW only) or part thereof as awarded by APDCL in favor of "Chief General Manager (PP&amp;D) "APDCL, payable at Guwahati.</p>
<p><b>Consortium</b></p>	<p>Allowed</p>
<p><b>Local MSE</b></p>	<p>Allowed</p>
<p><b>Details of persons to be contacted in case of any assistance required</b></p>	<ol style="list-style-type: none"> <li>1. Sri Pradip Goswami DGM (NRE), APDCL M. No: 8638380374 (Office hour only)</li> <li>2. Sri Jyotiska Barua AGM (NRE), APDCL M. No: 9678965437 (Office hour only)</li> <li>2. Sri Jitu Moni Das Consultant (NRE), APDCL M. No: 8135078531 (Office hour only)</li> </ol>

**Important note:**

1. Prospective Bidders are requested to remain updated for any or all notices, amendments, corrigendum, clarifications etc. to the Bidding Document published through the websites <https://www.assamtenders.gov.in>. No separate notifications shall be issued for such notices, amendments, corrigendum, clarifications etc. in the print media or individually to the prospective Bidders and in no case APDCL shall be held responsible for any loss of information to the Bidders.
2. Intimation regarding notification on the above shall be updated and the details shall be only available from <https://www.assamtenders.gov.in>.


  
**Chief General Manager (PP&D)**  
 APDCL, Bijulee Bhawan (Annex Building),  
 Paltanbazar, Guwahati-1

**Memo No.: APDCL/CGM (PP&D)/NRE-168/2020-21/116**

**Date: 17/08/2020**

Copy to:-

1. P.S to the Managing Director, APDCL, Bijulee Bhawan, Paltanbazar, Guwahati-1, for kind appraisal of the Managing Director.
2. Sri Aujender Singh, Deputy Secretary to the Govt. of India, Ministry of New & Renewable Energy, GOI, Block No 14, CGO Complex, Lodi Road, New Delhi 110003 for kind information
3. Sri H.C. Borah, Scientist –C, Ministry of New & Renewable Energy, GOI, Block No 14, CGO Complex, Lodi Road, New Delhi 110003 for kind information
4. The OSD to the Chairman, APDCL, along with a Soft Copy of the Bid Document for uploading in the official website
5. Office Notice Board.

  
**Chief General Manager (PP&D)**  
 APDCL, Bijulee Bhawan (Annex Building),  
 Paltanbazar, Guwahati-1

--- End of (IFB) ---