



Expression of Interest for Supply, Installation, Commissioning, Operation & Maintenance of 1 MWp Solar PV Power Plant on Roof Top of Underground Tank at Chembarambakkam 530 MLD Water Treatment Plant



**राष्ट्रीयपवनऊर्जासंस्थान**  
(नवीनऔरनवीकरणीयऊर्जामंत्रालयकेअधीनस्वायत्तअनुसंधानएवंविकाससंस्था, भारतसरकार)  
**NATIONAL INSTITUTE OF WIND ENERGY**  
(An Autonomous R&D Institution under the Ministry of New and Renewable Energy, Government of India)  
(पूर्वमें "पवनऊर्जाप्रौद्योगिकीकेंद्र" Formerly "Centre for Wind Energy Technology")  
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NIWE/PUR/EOI/METRO/19-20

Dated:20.02.2020

## **EXPRESSION OF INTEREST**

National Institute of Wind Energy (NIWE), Chennai (Formerly Centre for Wind Energy Technology) is an autonomous Research & Development Institution under Ministry of New and Renewable Energy, Govt. of India.

NIWE, on behalf of CMWSSB, Chennai is inviting submission of **Expression of Interest (EOI)** from suitable, reputed and experienced interested Parties for **"Supply, Installation, Commissioning, Operation & Maintenance of 1 MWp Solar PV Power Plant on Roof Top of Underground Tank at Chembarambakkam 530 MLD Water Treatment Plant, Chennai for Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB) under RESCO Model and Execution of Power Purchase Agreement (PPA) with CMWSSB, Chennai for 25 years"**.

The selected party shall execute the project meeting the standards and technical requirements of both Central and State agencies. It is the bidders' responsibility to evaluate the site conditions and the technical compliance during the submission of bid in a later stage. NIWE's requirements on behalf of CMWSSB, Chennai. Only parties participating in the EOI are eligible for participating in the tender which will be announced by NIWE, Chennai at a later stage.

The Interested Bidders should submit and upload their EOI proposal in the CPP-Portal which is **due at 15.30 hrs on 12.03.2020**". The proposals will be opened online **at 15.30hrs on 13.03.2020**. **All other documents relevant to the Expression of Interest wherever sought in the EOI document shall also be uploaded along with the proposal. Any Physical submission of documents shall be rejected summarily.**

EOI documents may be downloaded from Central Public Procurement Portal at <https://eprocure.gov.in/eprocure/app>. The EOI document can also be downloaded from the NIWE's website. But the submission of proposal is through online only and no physical documents shall be accepted in this regard.



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Aspiring Bidders who have not enrolled/registered in e-procurement should enrol /register before participating through the website <https://eprocure.gov.in/eprocure/app>. The portal enrolment is free of cost. Bidders are advised to go through instructions provided at CPP portal.

For any technical related queries regarding online registration please call the Helpdesk. The 24 x 7 Help Desk Number **0120-4200462, 0120-4001002** Mobile : **+91 8826246593** and E-Mail : [support-eproc@nic.in](mailto:support-eproc@nic.in) **Note:-** Bidders are requested to kindly mention the URL of the Portal and Tender Id in the subject while emailing any issue to the NIC, along with the Contact details.

<b>ADDRESS FOR COMMUNICATION</b>
Deputy Director General (Finance & Administration) National Institute of Wind Energy, Velachery – Tambaram Main Road, Pallikaranai, Chennai 600100. Email: <a href="mailto:directorfa.niwe@gov.in">directorfa.niwe@gov.in</a> , <a href="mailto:purchase.niwe@nic.in">purchase.niwe@nic.in</a>

**DEPUTY DIRECTOR GENERAL (F&A)**



**I. Specifications & Other Criteria for 1 MWp SPV Power Plant under RESCO Model:**

NIWE, on behalf of, Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB) is inviting submission of **Expression of Interest (EOI)** from suitable and experienced Interested bidders for “**Supply, Installation, Commissioning, Operation & Maintenance of 1 MWp Solar PV Power Plant on Roof Top of Underground Tank at Chembarambakkam 530 MLD Water Treatment Plant, Chennai for Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB) under RESCO Model and Execution of Power Purchase Agreement (PPA) with CMWSSB, Chennai for 25 years**”.

The Bidders participating in the EOI shall prepare their documents based on the following conditions.

- i. The base unit(kWh) tariff shall not exceed Rs.4.50/-
- ii. The mode of payment by CMWSSB, Chennai shall be on monthly basis.
- iii. The RESCO Company shall fix the minimum number of units (kWh) to be procured by CMWSSB, Chennai.
- iv. The RESCO parties should mandatorily visit the project site for analysis project feasibility before attending the EOI meeting.
- v. Only EOI participants enrolled/registered in e-procurement through the website <https://eprocure.gov.in/eprocure/app> are eligible. The portal enrolment is free of cost. Bidders are advised to go through instructions provided at CPP portal.

The execution of project shall meet all the relevant regulations and also the standards and technical requirements of both Central and State agencies. It is the bidder’s responsibility to evaluate the site conditions and the technical compliance during the submission of EOI. NIWE’s requirements on behalf of CMWSSB, Chennai are given below. Only those bidders who EOI are eligible for participating in the tender which will be announced by NIWE, Chennai at a later stage.

**II. SITE VISIT:**

Visit to the site where Solar PV Power Plant is proposed to set up is **compulsory**. Duly signed Site visit format given at **Appendix-I** of the EOI document has to be uploaded along with the EOI proposal.

PERIOD FOR SITE VISIT	TIME
04.03.2020 to 06.03.2020	1000 HRS TO 1700 HRS



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### **III. Eligibility Criteria:**

#### **1. Technical:**

- i. Satisfactory Customer feedback certificates from three customers where “Supply, installation, commissioning, Operation & Maintenance of minimum 100 kWp each grid connected SPV Roof Top Solar PV Power Plant is completed under RESCO Model in the last three financial years shall be submitted by the bidders with the EOI proposal.
- ii. Submit Copies of the Power Purchase Agreements (PPA) or other financial agreements signed with customers for whom satisfactory feedback certificates are submitted.

#### **2. Commercial:**

- a. The party should be a reputed registered RESCO company with any State Nodal Agency/MNRE with minimum 5 years of experience.
- b. The minimum average annual turnover of the bidder shall be at least 1.50 Crores for the preceding three (3) financial years (Scanned Copy of Auditor Certificate to be uploaded).
- c. The interested bidders should have successfully completed at least 3 projects of minimum 100 KWp SPV Roof Top Solar PV Power Plant under RESCO Model in the last three financial years. Relevant proof of documents shall also be submitted.
- d. Only Indian registered companies are eligible to participate in the EOI.

### **IV. BRIEF OF TECHNICAL REQUIREMENTS:**

Technical requirements 1 MWp SPV Roof Top Solar PV Power Plant at Chembarabakkam Water Treatment Plant, Chennai for Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB) under RESCO Model are given below:

- a. **Mono or Poly Crystalline PV Modules to be used**
  - b. **Only BIS/IEC standard materials to be used in the project and shall meet ALMM of MNRE.**
  - c. **All the parameters should meet the standards and technical requirements of both State and Central Governments.**
  - d. **The supply, installation, commissioning and O&M activities shall be as per the TNEB requirements.**
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**ANNEXURE-II**

**Invitation to Submit Expression of Interest (EOI) for 1 MWp Solar PV Power Plant on Roof Top of Underground Tank at Chembarambakkam 530 MLD Water Treatment Plant, Chennai for Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB) under RESCO Model**

1. Introductory Details:

Sl. No.	Documents to be enclosed	Remarks
a.	Name of the Manufacturer/supplier	
b.	Whether it is a Govt. /Public/Private	
c.	Address with phone/email	
d.	Name of the Contact Person:  Name: Designation:  Tel. No.: Mobile no.: Email ID:	
e.	Annual Turnover for the previous three years	1. 2016-17  2. 2017-18  3. 2018-19

2. Brief profile of the RESCO Company :

3. Experience in supplying the similar type of RESCO projects. :

4. Additional information if any :

**Authorized Signatory with Designation**

**\*\*EOI SUBMISSION FORMAT**

Sl. No.	List of Documents to be enclosed	Remarks
1	Cover letter illustrating the Authorized Official's signature	
2	Annexure I – duly filled in and signed.	
3	Copies of the Registration / Incorporation certificate Pan No./ Income Tax Returns GSTIN Organizational Structure	
4	Copies of the certified Audited Statement of Accounts or Separate Audited certificates confirming the turnover for the last three financial years	
5	Copy of MNRE (Ministry of New and Renewable Energy)/SNA Registration Certificate if any	
6	List of relevant Experience and capacity order/sanction letter & certificate of completion	
7	CVs of Experts and Professionals within Organization	
8	Brief Report with complete technical details for this EOI	
9	Any other Documents relevant for Assessment & Evaluation	
10	Satisfactory customer feedback certificates as per I(1) of eligibility criteria.	
11	Copies of Power Purchase agreement for Sl. No. 10.	

\*\*EOI documents may be downloaded from National Institute of Wind Energy website at [www.niwe.res.in](http://www.niwe.res.in) and Central Public Procurement Portal at <https://eprocure.gov.in/eprocure/app>. Submission of EOI proposal is through online mode only.

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**ANNEXURE-IV**

<b>EOI Eligibility Criteria</b>			
<b>Criteria</b>	<b>Sub- Criteria</b>	<b>Weightage*</b>	<b>Break-up of Weightage</b>
Past experience of the firm with similar requirement		20	
Financial Strength of the vendor		20	
	Turnover figures of the last three years		10
	Net profit figures of the last three years		10
Quality accreditations, licensing requirements		20	
Manufacturing capabilities/tie-ups		10	
After-sales support infrastructure		15	
Product support		15	
	<b>Total</b>	100	

**Remarks:** The bidder who secure minimum of 60 out of 100 shall be eligible for participating in the tender which is to be floated on a later stage.



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**APPENDIX-I**

**SITE VISIT FORMAT**

<b>Name of the person</b>	
<b>Mobile No:</b> <b>E-mail ID:</b>	
<b>Company/Firm Name</b>	
<b>Address</b>	
<b>Purpose of Visit</b>	<b>Supply, Installation, Commissioning, Operation &amp; Maintenance of 1 MWp Solar PV Power Plant on Roof Top of Underground Tank at Chembarambakkam 530 MLD Water Treatment Plant, Chennai for Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB) under RESCO Model vide EOI NO.NIWE/PUR/EOI/METRO/19-20 dated 20.02.2020</b>
	<b>Signature</b>

<b>Authorized Signatory</b>
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**This should be submitted along with the EOI Proposal.**