

# **WEST BENGAL RENEWABLE ENERGY DEVELOPMENT AGENCY**

## **TenderDocument**

**For**

**Design & Engineering, Manufacture / Procurement, Testing, Supply,  
Installation and Commissioning of Rooftop Grid Connected Solar PV Power  
Plants of array capacity 20 kWp including five (5) years Comprehensive  
Maintenance on turnkey Basis at the roof of “Bikalpa Sakti Bhaban” , Saltlake ,  
Kolkata**

**NIT No: WBGEDCL/WBREDA/NIEt -04 /16-17**

**Dated : 10-08-16**



**West Bengal Renewable Energy Development Agency  
Bikalpa Shakti Bhaban, J1/10, EP&GP Block,  
Sector – V, Salt Lake, Kolkata – 700 091**

These documents are meant for the exclusive purpose of bidding against this NIT and shall not be transferred, reproduced or otherwise used for purposes other than that for which they are specifically issued.

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## **Section I - NOTICE INVITING TENDER**

**West Bengal Renewable Energy Development Agency**  
(An organization of Department of Power and NES Government of West Bengal)  
BIKALPA SHAKTI BHAVAN, Plot – J1/10, Block – EP & GP,  
Sector – V, Salt Lake City, Kolkata – 700 091

**ABRIDGED NOTICE INVITING e-TENDER**

**NIT No: WBGEDCL/WBREDA/NIT- 04 /16-17**

**dated: 10-08-16**

WBREDA invites e-tender for “Design & Engineering, Manufacture / Procurement, Testing, Supply, Installation and Commissioning of Rooftop Grid Connected Solar PV Power Plants of array capacity 20 kWp including five (5) years Comprehensive Maintenance on turnkey Basis at the roof of “Bikalpa Sakti Bhaban” , Saltlake , Kolkata” Detailed NIT may be seen & downloaded from WBREDA website ([www.wbreda.org](http://www.wbreda.org)).

Interested bidders may obtain bidding documents by registering themselves to the e-tendering portal (<https://wbtenders.gov.in>) and thereby downloading the bidding documents from **10.00 AM on 17-08-16** and the offer shall be submitted online up to **4.00 PM on 05-09-16**

Sd/-

Chief Engineer  
WBREDA

West Bengal Renewable Energy Development Agency  
(An organization of Department of Power and NES Government of West Bengal)  
BIKALPA SHAKTI BHAVAN, Plot – J1/10, Block – EP & GP,  
Sector – V, Salt Lake City, Kolkata – 700 091  
**(Domestic competitive bidding)**

**DETAILED NOTICE INVITING TENDER**

**For**

Design & Engineering, Manufacture / Procurement, Testing, Supply, Installation and Commissioning of  
Rooftop Grid Connected Solar PV Power Plants of array capacity 20 kWp including five (5) years  
Comprehensive Maintenance on turnkey Basis at the roof of “Bikalpa Sakti Bhaban” , Saltlake ,  
Kolkata

**NIT No: WBGEDCL /WBREDA /NIeT-04 /16-17 DTD: 10-08-16**

**1.0 West Bengal Renewable Energy Development Agency** herein referred to as **WBREDA** invites e-tender (Submission of Bid through **online**) through Domestic Competitive Bidding (DCB) from eligible bidders for following work:-

**Name of the Work :**

“Design & Engineering, Manufacture / Procurement, Testing, Supply, Installation and Commissioning of Rooftop Grid Connected Solar PV Power Plants of array capacity 20 kWp including five (5) years Comprehensive Maintenance on turnkey Basis at the roof of “Bikalpa Sakti Bhaban” , Saltlake , Kolkata ”

**2.0 SCOPE OF WORK :** The work covered under this Tender shall be included but not limited to the following:-

**A) SUPPLY:**

**The scope includes the following but not limited to:**

Manufacture / Procurement, Supply and delivery of all the materials like PV Module, Module Mounting Structure, Grid Connected Inverters, Array Junction Boxes, Inverter LT Panel, Grid Interfacing LT Panel , Web based monitoring systems Weather Monitoring Systems, Cables, System protection and other accessories conforming to the Technical Specification as required for successful Installations commissioning Rooftop Grid Connected Solar PV Power Plants of array capacity 20 kWp at the roof top of “Bikalpa Sakti Bhaban” , Saltlake , Kolkata Turnkey Basis.

**B) ERECTION:-**

**The scope includes the following but not limited to:**

i) Dismantling , Packing , Shifting , Loading and Transportation of the PV Modules, Inverters , other equipments and accessories of the existing Power plant from the roof of Bikalpa Sakti Bhavan to Energy Education Park and unloading stacking of the same properly at the store of Energy Education

Park, Kolkata . The Complete work shall be done as per direction of Engineer-in-Charge.

- ii) Design & Engineering, Testing, Installation and Commissioning of Rooftop Grid Connected Solar PV Power Plants of array capacity 20 kWp including five (5) years Comprehensive Maintenance on turnkey Basis at the roof top of “Bikalpa Sakti Bhaban” , Saltlake , Kolkata.

**3.0** Detailed Specification, scope of supply and terms and conditions of supply are given in the bidding documents, which are available at the online e-tendering portal <https://wbtenders.gov.in>

**4.0 Name of the Beneficiary organization and address**

**West Bengal Renewable Energy Development Agency (WBREDA)**

**5.0 Locations of Installation :**

At the roof top of “BikalpaSakti Bhaban”, J1/10, Block – EP & GP, Sector – V, Salt Lake City, Kolkata – 700 091

**6.0 Estimated Cost of the Project: Rs. 16,00,000.00 ( Rupees sixteen lac) only**

**7.0 Cost of Tender Document (Tender Fee):**

Cost of Tender document is **Rs 5,000.00 (Five Thousand)**. The cost of tender document is non-refundable. The tender fee may be remitted through Bank Draft / Banker’s cheque issued from any scheduled commercial bank of India in favour of the “**WBREDA**”, payable at Kolkata

**8.0 Bid Security ( Earnest Money Deposit (EMD) ) :**

**The Bid Security / EMD is Rs 32,000.00 (Rupees thirty two thousand) only.** Necessary Earnest Money (EMD) may be remitted through Bank Draft / Banker’s cheque issued from any scheduled commercial bank in India in favour of the “**WBREDA**”, payable at Kolkata or **Bank Guarantee from any scheduled commercial bank in India**

**9.0 Schedule of Dates for e-Tendering:**

SL. NO.	PARTICULARS	DATE & TIME
1.	Documents download start date (Online)	<b>17-08-16 From 10.00 PM</b>
2.	Site Visit	<b>22-08-16 At 3: 00 PM</b>
3.	Last date of uploading Pre-bid Query	<b>23-08-16 upto 4.00 PM</b>
4.	Pre- bid Meeting	<b>24-08-16 at 3.00 PM</b>
5.	Bid proposal submission start date (Online)	<b>27-08-16 From 10.00 AM</b>
6.	Bid proposal Submission end date (Online)	<b>05-09-16 up to 4.00 PM.</b>
7.	Last Date of submission of original copies of Tender Fees Earnest Money Deposit (offline submission)	<b>Within 07-09-16 up to 4:00PM At WBREDA, Bikalapa Shakti Bhaban”, J1/10, EP/GP Block , Sector V , Saltlake , Kolkata 700091</b>

SL. NO.	PARTICULARS	DATE & TIME
8.	Bid opening date for Technical proposal (Online)	<b>08-09-16 at 1:00 PM</b>
9.	Date of Opening of financial bid	Intimated later

**10.0** In the event of e-filling, intending bidder shall download the tender documents from the website <http://wbtenders.gov.in> directly with the help of Digital Signature Certificate. Necessary cost of tender documents (tender fees) amounting to **Rs. 5,000/- (Rupees five thousand) only** shall have to be remitted through Bank Draft / Banker's cheque issued from any scheduled commercial bank in India in favour of the "WBREDA", payable at Kolkata and a scanned copy of the same to be uploaded. Necessary Earnest Money (EMD) shall have to be remitted through Bank Draft / Banker's cheque issued from any scheduled commercial bank in India in favour of the "WBREDA", payable at Kolkata or Bank Guarantee from any scheduled commercial bank of India and also to be documented through e-filling. The original Bank Draft / Banker's cheque against tender fees and the original Bank Draft / Banker's cheque / Bank Guarantee against Earnest Money Deposit (EMD) (As statutory documents) must be submitted physically (Offline) to the Chief Engineer, WBREDA, Salt lake, Kolkata on or before the scheduled date & time as specified in the NIT.

**11.0** All bids must be supported by bid security (EMD) for an amount Rs. 32,000.00 (Rupees thirty two thousand ) only in the form of Demand Draft /Banker's cheque drawn in favour of "WBREDA" from any scheduled commercial bank in India, payable at Kolkata, or a Bank Guarantee from any scheduled commercial bank favouring WBREDA which shall remain valid for a period of **one hundred eighty (180) days from the next day of techno-commercial bid opening date with a further claim period of ninety (90) days**. Bid shall be rejected by the **WBREDA** if the bidder fails to submit original Bank Draft / Banker's cheque as tender fees & original Bank Draft / Banker's cheque/Bank Guarantee as Earnest Money Deposit (EMD) physically to the Chief Engineer, WBREDA, Saltlake, Kolkata on or before the scheduled date & time as specified above.

### **12.1 General :**

The Bidder, who intends to participate in the Bid, must have to meet the following criteria:

- i) The Bidder shall be a Sole Proprietorship / Firm or Company incorporated in India under the Companies Act, 1956 or 2013 or Indian Partnership Act 1932 or LLP Act 2008
- ii) Bidders shall have to submit:
  - a) i) **For the Companies** : Audited Balance Sheet and Statement of Profit and Loss Account of Last three (3) consecutive financial years for which the audited accounts are available (period prior to financial year 2012-13 shall not be considered).
  - ii) **Other than Companies:** Tax Audit report containing details for Last three (3) consecutive financial years (Period prior to financial year 2012-13 shall not be considered)

- b) Acknowledgement of Income Tax Return for the last three Assessment Years (period prior to Assessment year 2013-14 shall not be considered).
  - c) If the bidder set up in less than 3 years period in such cases the bidder shall submit the requirements at **Sl no: 12.1 ii) a)i) or 12.1ii)a)ii)** as the case may be as specified for the balance period from the inception (it may be either be one year or two years)
- iii) The bidder **must have** valid CST/VAT/TIN, Service Tax, PF Registration

## **12.2 Financial Capability:**

The Bidder, who intends to participate in the Bid, must have to meet the following criteria:

- i. Minimum Average Annual Turnover (MAAT) of the Bidder for last 3 (three) financial years as per **Sl no: 12.1 ii) a) or for available years as Sl no 12.1ii)c)** of this NIT shall at least **Rs. 10,00,000 (Rupees ten lac) only.**
- ii. Net worth as per the financial statement of the last financial year as referred in **Sl no: 12.1 ii) a) of this NIT** shall be positive.

## **11.1 Technical Capability**

The Bidder, who intends to participate in the Bid, must have to meet the following criteria:

- a) The Bidder shall have experience in Supply, Installation & Commissioning of ground mounted and/or rooftop Solar PV Power plants at any Institution /organization /SNA /PSU/ Government Organization having cumulative capacity of not less than **10 kWp** which should have been commissioned as on the date of issuance of NIT. The minimum capacity of each Power plant must be **5 kWp**
- b) Bidder must be the Channel partner of MNRE Government of India under “**Grid Connected Rooftop and Small Solar Power Plants Programme**”.

## **12.0 Completion time :**

Time for Completion of the total Works shall be **60 (sixty) days** from the date of LOA.

## **13.0 Validity of offer:** Validity of the offer 180 days from the date of opening of the financial bid. However, it may be extended in case of exigencies with consent from the successful bidder(s).

## **14.0** WBREDA is not bound to accept the lowest tender. WBREDA reserves the right to accept or reject any bid partly or fully or cancel the bidding without assigning any reason thereof and in such case no bidder/ intending bidder shall have any claim arising out of such action.

## **15.0** If the offer is submitted without or inadequate Earnest Money (Bid Security), the bid will not be opened. Incomplete offer will be liable for rejection.

## **16.0** A prospective bidder requiring any clarification on bidding documents may notify the WBREDA by uploading the same in the e-tendering portal, which shall be available to all the participant bidders, as per Standard Format enclosed with this document **Form 10** and **Form 11** not later than the date and time specified in NIT. The soft copy of the same must be sent in Excel format at the mail address : **cewbredagedcl@gmail.com**

- 17.0** Any evidence of unfair Trade Practices including over charging, price fixing, cartel etc. as defined in various statutes, will automatically disqualify the bidders.
- 18.0** If the dates of any offline activity (Pre-bid meeting, Last Date of submission of original copies of Tender Fees Earnest Money Deposit in original at the office etc) and opening of Technical Bid and Financial Bid fall on holidays or on days of strike or natural calamity, the dates get deferred to next working days at same hours.
- 19.0** The Tender Inviting Authority reserves the right to modify, amend or supplement the Tender Document. Any corrigendum, notification concerned to this tender will be published in the e- tender portal <https://wbtenders.gov.in> and it will be part & parcel of the tender. The bidders are therefore advised to follow the e-tender portal <https://wbtenders.gov.in> for such corrigendum, notification etc.
- 20.0** **Technical Specification** : All the Technical Specifications are as per the Technical Specification of this NIT (**Section VI**)
- 21.0** Consortium or Joint Venture for this work will not be considered.
- 22.0** Other information as well as terms and conditions, which do not covered in the NIT, have been incorporated in **Instructions to Bidders (Section II), Bid Data Sheet (Section-III) General Condition of Contract (Section IV) Special Conditions of Contract (Section V), Technical specification (Section-VI)**, of this tender.
- 23.0** **Address For Communication**

The Chief Engineer  
West Bengal Renewable Energy Development Agency  
Bikalpa Shakti Bhavan, J1/10, EP&GP Block,  
Sector – V, Salt Lake, Kolkata – 700 091  
Website : [www.wbreda.org](http://www.wbreda.org)  
Contact No. +913323575038 / +913323575037  
Fax No. : +913323576668  
Mobile No: +919433468551  
Email id : [cewbredagedcl@gmail.com](mailto:cewbredagedcl@gmail.com)

Sd/-  
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WBREDA