

# **WEST BENGAL RENEWABLE ENERGY DEVELOPMENT AGENCY**

## **TenderDocument**

**For**

Design & Engineering, Manufacture / Procurement, Testing, Supply, Installation and Commissioning of 1000 nos. Rooftop Grid Connected Solar PV Power Plants each of array capacity 10 kWp including five (5) years Comprehensive Maintenance on turnkey Basis at various location of West Bengal

**NIT No: WBGEDCL/WBREDA/NiET -10 /16-17**

**Dated : 06/02/2017**



**West Bengal Renewable Energy Development Agency  
Bikalpa Shakti Bhavan, 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- 10 /16-17**

**dated: 06/02/2017**

WBREDA invites e-tender for “Design & Engineering, Manufacture / Procurement, Testing, Supply, Installation and Commissioning of 1000 nos. Rooftop Grid Connected Solar PV Power Plants each of array capacity 10 kWp including five (5) years Comprehensive Maintenance on turnkey Basis at various location of West Bengal”. 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 08-02-17** and the offer shall be submitted online up to **4.00 PM on 25-02-17**

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 1000 nos. Rooftop Grid Connected Solar PV Power Plants each of array capacity 10 kWp including five (5) years Comprehensive Maintenance on turnkey Basis at various location of West Bengal

**NIT No: WBGEDCL /WBREDA /NIT-10 /16-17 DTD: 06-02-16**

**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 1000 nos. Rooftop Grid Connected Solar PV Power Plants each of array capacity 10 kWp including five (5) years Comprehensive Maintenance on turnkey Basis at various location of West Bengal”

**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 of 1000 nos. Rooftop Grid Connected Solar PV Power Plants each of array capacity 10 kWp at various location of West Bengal

### **B) ERECTION AND OTHER SERVICES:-**

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

Design & Engineering, Installation, Testing, and Commissioning of 1000 nos. Rooftop Grid Connected Solar PV Power Plants each of array capacity 10 kWp including five (5) years guarantee and comprehensive maintenance on turnkey basis at various location of West Bengal”

**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 Locations of Installation :**

Various institute and organizations anywhere in West Bengal

**5.0 Quantity to be quoted by each bidder :** Bidders shall have to quote for fixed quantity of **500** numbers Power Plant

**6.0 Distribution of Work**

**WBREDA will distribute the total work (1000 nos. PV Power Plant) in the following manner:**

- i) **500 nos** power Plant will be awarded to L1 bidder at per lowest acceptable price schedule
- ii) Balance work will be awarded to L2 and L3 Bidders if they agree to accept the lowest acceptable price schedule without compromising the quality of work and without altering the original terms and conditions of the tender or any downward in following manner :  
**L2 : 300 Nos PV Power Plant ; L3 : 200 Nos PV power Plants**
- iii) If L2 or/and L3 bidders(s) do not agree to accept the lowest acceptable price schedule then other Technically qualified bidder(s) will be considered according to their ranking, subject to acceptance of the lowest acceptable price. However minimum **200 Nos** maximum **300** nos shall be awarded as per ranking PV power plants will be awarded to each bidder for distribution of balance **500 nos.** Power Plant.
- iv) If only one of the technically qualified bidder is agreed to match with the lowest acceptable price schedule, in such case **the balance 200 nos. Power plant will be distributed as follows:**
  - a) **L1: additional 100 Nos** Power plant subject to compliance with the minimum “Qualifying Requirement for Bidder” for **600 nos** power plants
  - b) Balance **100 nos.** will be awarded additionally to the Technically qualified bidder who is agree to match with the lowest acceptable price schedule.
  - c) Therefore in such case the distributed quantity of the work will be as follows:  
**L1 : 600 Nos** PV power Plant  
Only L1 Price Matching technically qualified bidder: **400 Nos.**
- v) If any of the technically qualified bidder do not agree match with the lowest acceptable price schedule, in such case the total work will be awarded to L1 Bidder subject to compliance with the minimum “**Qualifying Requirement for Bidder**” for **1000 nos Solar PV Power Plant.**

## 7.0 Completion time :

Completion period for the project is **180 (One Hundred Eighty) days** from the date of placement of LOA for **100 nos. Power plants**

Completion times will be as follows for the awarded quantity:

- i) 500 Nos. : the Completion time is **270 days** from the date of placement of LOA
- ii) 300 Nos.: the Completion time is **210 days** from the date of placement of LOA
- iii) 200 Nos. the Completion time is **180 days** from the date of placement of LOA

## 8.0 Cost of Tender Document (Tender Fee):

Cost of Tender document is **Rs 5000.00 (Five Thousand only)**. 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

## 9.0 Bid Security ( Earnest Money Deposit (EMD) ) :

**The Bid Security / EMD is Rs 75,00,000.00 (Rupees seventy five lac only)**. Necessary Earnest Money (EMD) may be remitted through Bank Draft / Banker's cheque issued from any scheduled commercial bank India in favour of the "WBREDA", payable at Kolkata or **Bank Guarantee from any scheduled commercial bank in India. In case of Consortium bidder Bank Guarantee to be submitted on behalf of Lead Member of the consortium.**

The Bank detail of WBREDA is as follows:

1.	Name of the Bank	Corporation Bank
2.	Branch	Salt Lake Sector-V Branch
3.	IFS Code	CORP0001045(CORP Zero Zero Zero one Zero four five
4.	Account No	104501601000062

## 10.0 Schedule of Dates for e-Tendering:

SL. NO.	PARTICULARS	DATE & TIME
1.	Documents download start date (Online)	<b>08-02-17 From 10.00 PM</b>
2.	Last date of uploading Pre-bid Query	<b>11-02-17 upto 4.00 PM</b>
3.	Pre- bid Meeting	<b>13-02-17 at 3.00 PM</b>
4.	Bid proposal submission start date (Online)	<b>15-02-17 From 10.00 AM</b>
5.	Bid proposal Submission end date (Online)	<b>25-02-17 up to 4.00 PM.</b>
6.	Last Date of submission of original copies of Tender Fees Earnest Money Deposit (offline submission)	<b>Within 28-02-17 up to 4:00PM At WBREDA, Bikalapa Shakti Bhaban", J1/10, EP/GP Block , Sector V , Saltlake , Kolkata 700091</b>
7.	Bid opening date for Techno - Commercial proposal (Online)	<b>01-03-17 at 3:00 PM</b>
8.	Date of Opening of financial bid	Intimated later

- 11.0** 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-filing. 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.

**12.0 All bids must be supported by bid security (EMD) for an amount Rs 75,00,000.00 (Rupees seventy five lac 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

### **13.0 Qualifying Requirement For Bidders:**

The Bidder must have to meet the following minimum qualification **for 500 numbers rooftop grid connected PV Power Plant of each of PV array capacity 10 kWp as follows:**

#### **13.1 Definitions:**

- i) **"Bidder"** shall mean Bidding Individual or a Bidding Firm or a Bidding Company or Bidding Consortium submitting the Bid. Any reference to the Bidder includes Bidding Individual / Bidding Firm / Bidding Company / Limited Liability Company/ Bidding Consortium/ Consortium, Member of a Bidding Consortium including its successors, executors and permitted assigns and Lead Member of the Bidding Consortium jointly and severally, as the context may require.
- ii) **"Bidding Company"** shall refer to such single Company that has submitted the Bid in accordance with the provisions of this Tender;
- iii) **"Bidding Consortium" or "Consortium"** shall refer to a group of Companies that has collectively submitted the Bid in accordance with the provisions of this Tender;
- iv) **"Lead Member of the Bidding Consortium" or "Lead Member"** shall mean the Member which fulfils the Financial Eligibility Criteria and submits the Bid and so designated by other Member(s) of the Bidding Consortium in accordance with the Consortium Agreement Specified in **Form- 11** of this tender.

- v) **“Member of a Bidding Consortium” or “Member” or “Consortium Member”** shall mean each company in the Bidding Consortium which has executed the Consortium Agreement as provided in **Form-11** of this tender.

**13.2 General :**

- a) The Bidder should be a corporate entity duly incorporated in India under the relevant Law and engaged in the business of Solar Power.
- b) A copy of Certificate of Incorporation / Memorandum of Association / Article of Association or any other relevant document(s) must be furnished along with the bid in support of above. In the Memorandum and Articles of association, Article Number should be highlighted separately wherein above information has been stated. **(For bidding consortium these document must be submitted for both the Members of Bidding Consortium)**
- c) Bidder must meet the eligibility criteria independently as Bidding Company or as a Bidding Consortium with one of the members acting as the Lead Member of the Bidding Consortium. Bidder will be declared as a Qualified Bidder based on meeting the eligibility criteria and as demonstrated based on documentary evidence submitted by the Bidder in the Bid.
- d) In case of a Bidding Consortium the Financial Eligibility criteria like Annual Turnover and Net Worth as indicated below, shall be fulfilled by the **Lead Member** while the Technical Eligibility Criteria may be fulfilled by any one of the **Consortium Member**.
- e) In case bidder is quoting his bid through Consortium, a Consortium Agreement as per the **Form-11** shall be furnished along with the bid.
- f) Number of Member of Biding Consortium : Maximum Two Number**
- g) Bidders or all the “Members of Bidding Consortiums” **must have valid CST/VAT/TIN, Service Tax, PF Registration**
- h) Bidders shall have to submit:**
- i) Audited Balance Sheet and Statement of Profit and Loss Account of Last three (3) consecutive financial years for which the audited accounts are available (FY 2013-14, 2014-15, 2015-16).
- ii) In case of Bidding Consortium the Audited Balance Sheet and Statement of Profit and Loss Account of Last three (3) consecutive financial years for which the audited accounts are available (FY 2013-14, 2014-15, 2015-16) shall be submitted for **Lead Member of the Consortium** only.
- iii) Acknowledgement of Income Tax Return for the last three Assessment Years (Assessment Year 2014-15, 2015-16, 2016-17).
- iv) In case of Bidding Consortium the Acknowledgement of Income Tax Return for the last three Assessment Years (Assessment Year 2014-15, 2015-16, 2016-17) shall be submitted for **both the Member of the Consortium**.
- v) If the bidder set up in less than 3 years period in such cases the bidder shall submit the requirements at **SI no: 13.2 h) i) to iv)** as the case may be as



specified for the balance period from the inception (it may be either be one year or two years)

### **13.3 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: 13.2 d) i) & ii) or for available years as Sl no: 13.2 d) v)** shall at least **Rs. 11,25,00,000 (Rupees eleven crore twenty five lac only)**
- ii.** In case of Bidding Consortium the **Minimum Average Annual Turnover (MAAT)** of **“Lead Member of the Bidding Consortium” or “Lead Member” shall only be consider.**
- iii.** Net worth as per the financial statement of the last financial year shall be positive.  
(FY 15-16)

### **13.4 Technical Capability**

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

#### **a) For Bidding Company:**

i) 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 **1500 kWp** which should have been commissioned as on the date of issuance of NIT. The minimum capacity of each Power plant must be **10 kWp**.

ii) Bidder must be the Channel partner of MNRE Government of India under **“Grid Connected Rooftop and Small Solar Power Plants Programme”**.

#### **b) For bidding consortium**

i) The technical eligibility shall be considered cumulating the technical eligibility of both the Members of the consortium.

ii) The cumulated experience of both the Member of Consortium in Supply, Installation & Commissioning of ground mounted and/or rooftop Solar PV Power plants at any Institution /organization /SNA /PSU/ Government Organization shall be of cumulative capacity of not less than **1500 kWp** which should have been commissioned as on the date of issuance of NIT.

**And**

For individual member of the Consortium such experience must be minimum 10kWp.

iii) The minimum capacity of each Power plant considered for Technical QR must be **10 kWp** .

iv) The Lead Member of the Consortium must be Channel partner of MNRE Government of India under **“Grid Connected Rooftop and Small Solar Power Plants Programme”**

- 14.0** **Validity of offer:** The bids submitted by the bidder remain valid for a minimum period of **180 days** from the next day of the opening of Techno-Commercial bid (online). However, it may be extended in case of exigencies with consent from the successful bidder(s).
- 15.0** 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.
- 16.0** 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.
- 17.0** 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 9 and Form 10** 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**
- 18.0** Any evidence of unfair Trade Practices including over charging, price fixing, cartel etc. as defined in various statutes, will automatically disqualify the bidders.
- 19.0** 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 without any further notice.
- 20.0** 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.
- 21.0** **Technical Specification :** All the Technical Specifications are as per the Technical Specification of this NIT (**Section VI**)
- 22.0** Joint Venture for this work will not be considered.
- 23.0** 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.
- 24.0** **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  
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