

WEST BENGAL RENEWABLE ENERGY DEVELOPMENT AGENCY

RfP No: WBREDA /NIeRfP-41/ 25-26 Dated 14-07-2025

Request for Proposal (RfP)

For

“Design & Engineering, Manufacture / Procurement, Testing, Supply, Installation and Commissioning of Rooftop Grid Connected Solar PV system at various location of West Bengal including five (5) years Comprehensive Maintenance on turnkey basis

RfP Document



July 2025

West Bengal Renewable Energy Development Agency (WBREDA) Bikalpa Shakti
Bhavan, J1/10, EP&GP Block,
Sector – V, Salt Lake, Electronics Complex, Kolkata – 700 091

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

Section Detail

Sl. No	Section	Section Heading
01.	Section –I	Notice Inviting RfP
02.	Section-II	Instruction to Bidders
03.	Section -III	General Condition of Contract
04.	Section -IV	Special Condition of Contract
05.	Section- V	Technical Specification
06.	Section –VI	Forms
07.	Section –VII	Annexure
08	Section –VIII	Indicative Drawings

West Bengal Renewable Energy Development Agency
(An organization of Department of NRES Government of West Bengal)
Bikalpa Shakti Bhavan, Plot – J1/10, Block – EP & GP, Sector – V,
Salt Lake Electronic Complex, Kolkata – 700 091

ABRIDGED NOTICE INVITING e-RfP

(Domestic Competitive Bidding)

NIeRfPNo: WBREDA /NIeRfP-41/ 25-26

Dated 14-07-2025

West Bengal Renewable Energy Development Agency (WBREDA) invites Request for Proposal (RfP) for entering into a rate contract for the following work:

“Design & Engineering, Manufacture/Procurement, Testing, Supply, Installation and Commissioning of Rooftop Grid Connected Solar PV Power Systems at various locations under five packages across West Bengal, including five (5) years Comprehensive Maintenance on a turnkey basis.”

The packages are as follows:

Package	Name of the District	Target Capacity (in MW)
Package- 1	Kolkata, Howrah, North 24 Parganas, South 24 Parganas, Nadia	3.0
Package- 2	Bankura, Jhargram, Paschim Medinipur, Purba Medinipur, Purulia	2.0
Package- 3	Birbhum, Paschim Bardhaman, PurbaBardhaman, Hooghly	2.5
Package- 4	Uttar Dinajpur, Dakshin Dinajpur, Malda and Murshidabad	2.0
Package- 5	Jalpaiguri, Alipurduar, Coochbehar, Kalimpong, Darjeeling	0.5

Interested bidders may view and download the detailed Notice Inviting e-Request for Proposal (NIeRfP) from the WBREDA website: www.wbreda.org.

Intending bidders are required to register on the e-tendering portal (<https://wbtenders.gov.in>) to access and download the RfP Document, which will be available from **3:00 PM on 17-07-2025**. The proposals must be submitted online only, no later than **4:00 PM on 14-08-2025**.

Sd/-

Superintending Engineer
WBREDA

BID DETAILS

Sl. No.	Aspect	Description of Aspect
1	RfPNo.	WBREDA /NleRfP-41/ 25-26 Dated 14-07-2025
2	Name of the Work	Rate contract for the work “Design & Engineering, Manufacture / Procurement, Testing, Supply, Installation and Commissioning of Rooftop Grid Connected Solar PV Power system at various location of West Bengal including five (5) years Comprehensive Maintenance on turnkey basis.”
3	Cost of RfP Document	Rs.2,000.00 for each package
4	Benchmark Cost	a) For 5 kWp to 10 kWp :Rs 68.46 per Wp[Inclusive of GST, levies and Labour Cess and excluding metering and connection cost of DISCOM] – For Plain Area b) For 5 kWp to 10 kWp: Rs75.31 perWp[Inclusive of GST, levies and Labour Cess and excluding metering and connection cost of DISCOM] – For Hilly Areaand Island c) For 25 kWp: Rs 62.76 per Wp [Inclusive of GST, levies and Labour Cess and excluding metering and connection cost of DISCOM]
5	Packages vis-a-vis Target Capacity	1. Package1: (Districts: Kolkata, Howrah, North 24 Parganas, South 24 Parganas, Nadia)– 3MW 2. Package 2: (Districts: Bankura, Jhargram, Paschim Medinipur, Purba Medinipur, Purulia) – 2 MW 3. Package 3: (Districts: Birbhum, Paschim Bardhaman, Purba Bardhaman, Hooghly) - 2.5MW 4. Package 4: (Districts: Uttar Dinajpur, Dakshin Dinajpur, Malda and Murshidabad) -2MW 5. Package 5: (Districts: Jalpaiguri, Alipurduar, Coochbehar, Kalimpong, Darjeeling) – 0.5 MW

Sl. No.	Aspect	Description of Aspect
6	Estimated Cost of Work for Each Package	1. Package -1 : Rs. 20,65,20,000.00 2. Package -2: Rs. 13,12,20,000.00 3. Package -3: Rs. 16,40,25,000.00 4. Package -4: Rs. 13,12,20,000.00 5. Package -5 :Rs. 3,44,20,000.00
7	Earnest Money Deposit (EMD)	1. Package -1: Rs. 10,00,000.00 2. Package -2: Rs. 10,00,000.00 3. Package -3: Rs. 10,00,000.00 4. Package -4: Rs. 10,00,000.00 5. Package -5: Rs.6,88,400.00
8	Validity of Offer	180 days from the date of opening of Technical Bid.
9	Date of Commencement	From the date of issuance of Letter of Award (LoA).
10	Time of Completion of Work	As per schedule mentioned in the RfP
11	Defects Liability Period	60 calendar months from the date of commissioning of the power plant.
12	Pre-Bid Meeting (date, time & place)	On dated 24-07-2025 at 2.00 PM In Conference Hall, WBREDA, Bikalpa Shakti Bhavan, Salt Lake, Kolkata
13	RfP Inviting Authority	The Superintending Engineer, West Bengal Renewable Energy Development Agency Bikalpa Shakti Bhavan, J1/10, EP&GP Block,Sector – V, Salt Lake Electronics Complex, Kolkata– 700 091 Website: www.wbreda.org ; Contact No.+913323575038 / +913323575037 Fax No.: +913323576569; Email ID: akd.wbreda@gmail.com

DEFINITION OF TERMS

Unless the context otherwise requires, the following terms whenever used in this document have the respective meaning:

- (i) **“Purchaser”** shall mean the “West Bengal Renewable Energy Development Agency (WBREDA)”, having its Office at Bikalpa Shakti Bhavan, J1/10, EP& GP Block, Sector V, Salt Lake, Kolkata-700091 and shall include its successors and assigns
- (ii) **“WBREDA”** shall mean “West Bengal Renewable Energy Development Agency”
- (iii) **“Beneficiary”** shall mean “the institutions where the GRTSPV Systems shall be installed.
- (iv) **“WBERC”** shall mean “West Bengal Electricity Regulatory Commission”
- (v) **“DISCOM”** shall mean Electricity Distribution Company
- (vi) **“WBSEDCL”** shall mean “West Bengal State Electricity Distribution Company”
- (vii) **“CESC Ltd”** shall mean “Calcutta Electric Supply Corporation Ltd”
- (viii) **“MNRE”** shall mean “Ministry of New and Renewable Energy”, Government of India
- (ix) **“Bidder”** shall mean Bidding Individual or a Bidding Firm or a Bidding Company submitting the Bid. Any reference to the Bidder includes Bidding Individual / Bidding Partnership Firm / Bidding Company / Limited Liability Partnership including its successors, executors and permitted assigns as the context may require. Bidder shall have legal statute as per relevant applicable law of India
- (x) **“Technical Credentials”** refer to the experience of executing similar types of work, supported by copies of work orders and corresponding completion certificates within the time of span defined in the RfP Document.
- (xi) **“Cumulative Estimated Cost”** means the total sum of the estimated costs of all the individual packages that a bidder has applied for under this RfP. This value shall be used to evaluate the bidder’s eligibility against financial and technical qualification criteria such as Minimum Average Annual Turnover (MAAT), Liquid Assets, Net Worth, and Technical Experience.

- (xii) **“Contract”** means all the Contract Agreement(s) entered into between the Purchaser and the Contractor, together with the Contract Documents referred to therein; they shall constitute the Contract and the term Contract shall in all such documents be construed accordingly.
- (xiii) **“Contract Document”** means the documents listed in of the Contract Agreement (including any amendments thereto)
- (xiv) **“Contract Price”** means the sum total of contract price stated in all the Letter of Award(s) as payable to the Contractor for supply, execution and commissioning of the entire Works under the scope of Contract subject to such addition & adjustments thereto or deductions there from as may be made pursuant to the Contract(s). In cases where separate identifiable Works can be completed and taken over by the Purchaser and for which separate completion schedule is provided in the Contract, in relation to such Works, the Contract Price shall mean the price relatable to such Works completed and taken over by the Purchaser.
- (xv) **“Contractor”** means the successful bidder whose bid has been accepted by the Purchaser, named as such in the Contract Agreement and included its legal successors and permitted assigns.
- (xvi) **“Contractor's Equipment”** means all appliances or things of whatsoever nature required for the purposes of execution of work and which are to be provided by the Contractor but does not include any Equipment/ Materials intended to form part of Works
- (xvii) **“Project Manager”** means the person appointed by the Purchaser in the manner provided in GCC hereof and named as such in the SCC to perform the duties delegated by the Purchaser
- (xviii) **“Letter of Award”** means notice of acceptance of the bid in writing to the successful bidder, indicating the sum WBREDA will pay for the Works as per ITB.
- (xix) **“Price Schedule”** means the schedules or any part or individual schedule thereof, submitted by the bidder with his bid and forming a part of the Contract Documents. The **‘Engineer-in-Charge’/ ‘Controlling Officer’/ Supervising Officer /Project manager of WBREDA** shall mean the Engineer designated by the WBREDA or for the purpose of carrying out this contract.
- (xx) **“WBREDA’s representative”** shall mean any person or persons or consulting firm appointed/authorized by the Company to supervise, inspect, test and examine workmanship and materials of the work under this scope.

- (xxi) **“Sub-Contractor”** shall mean any person/agency to whom any part of the contract has been sublet by the contractor with the consent in writing of the Company and will include the legal representatives, successors and permitted assigns of such persons/agency.
- (xxii) **“Equipment/materials”** shall mean and include all type of construction equipment & materials etc. required for true and satisfactory completion of the work under this contract.
- (xxiii) **“Workmanship”** shall mean the method/manner in which the jobs of the different items, whether included in the schedule or not but are required for true & satisfactory completion of the work under this contract, are executed.
- (xxiv) **“General Conditions of Contract”** shall mean all the clauses of General conditions of the proposed contract stated hereinafter. The specification shall mean the specification annexed to or issued with the General Conditions and shall include the schedule and drawings attached thereto.
- (xxv) **“GRTSPV System”** mean Grid Connected Rooftop Solar Photovoltaic System.
- (xxvi) The term **“Services”** shall mean all works to be undertaken by the contractor as laid down under the head “scope of work” or elsewhere in the specification enclosed. When the words “approved”, “subject to Approval”. “As directed”, “Accepted”, “Permitted” etc. are used, the approval, judgment, direction etc. are understood to be a function of Company.
- (xxvii) **“Day”** means a calendar day beginning and ending midnight.
- (xxviii) **“Month”/ “Calendar month”** means not only the period from the first of a particular month, but also any period between a date in a particular month, and the date previous to the corresponding date in subsequent month unless specifically stated otherwise.
- (xxix) **“Week”** means seven consecutive calendar days.
- (xxx) **“Writing”** shall include any manuscript, type written, printed or other statement reproduced in any visible form.
- (xxxi) **“Site”** means the place or places, where Works are to be executed by the Contractor or to which Equipment machinery are to be delivered, together with so much of the area surrounding the same as the Contractor shall with the consent of the Purchaser, use in connection with the work other than merely for the purposes of access.

- (xxxii) **“Date of Contract”/ “Commencement Date”** shall mean the as per RfP document
- (xxxiii) **“Zero Date”** will be started as mentioned in the RfP document.
- (xxxiv) **“Program”** means the Program to be submitted by the Contractor in accordance with GCC and any approved revisions thereto.
- (xxxv) **“GCC”** means the General Conditions of Contract.
- (xxxvi) **“SCC”** means the Special Conditions of Contract.
- (xxxvii) **“Specifications”** shall mean collectively all the terms and stipulations contained in this document including the conditions of contract, technical provisions and attachments thereto and list of corrections and amendments.
- (xxxviii) **“Drawings”** means collectively all the accompanying general drawings as well as all detailed drawings, which may be used from time to time or desired by WBREDA.
- (xxxix) **“Approval”** shall mean the written approval of WBREDA and/the statutory authorities, wherever such authorities are specified by any codes or otherwise.
- (xl) **“Manufacturer”** shall refer to the party proposing to design/engineering and construct in complete or in part a particular job/work at their works/premises.
- (xli) **“Labours”** shall mean all categories of labour engaged by the Contractor, his sub-contractors and his piece workers for work in connection with the execution of the worked covered by the specifications. All these labours will be deemed to be employed primarily by the Contractor.
- (xlii) **“Plant”/ “Equipment”/ “Stores”** means and include plant and machineries to be provided under the contract.
- (xliii) **“Delivery of Plant”/ “Delivery of Equipment”** shall be deemed to take place on delivery of the plant/equipment in accordance with the terms of the contract complete in all respect after approval by WBREDA.
- (xliv) **“Tests on Completion”** shall mean all such tests as are prescribed by the specification to be made by the Contractor to the satisfaction of WBREDA before the plant and equipment are taken over by WBREDA and this also includes those tests not specifically mentioned in the specification but required under various BIS codes and relevant Electricity Acts and Rules.

- (xlv) **“Technical Bid”** shall mean the portion of the Bid that contains all documents related to the bidder’s technical capability, financial credentials, and general qualifications, submitted in accordance with the provisions of the RfP. It shall not contain any information related to pricing or commercial offers.
- (xlvi) **“Commissioning”** shall mean the satisfactory, continuous and uninterrupted operation of the equipment/work as specified after all necessary initial tests, checks and adjustments required at site for the period mentioned in the RfP to the satisfaction of WBREDA.
- (xlvii) **“Urgent Works”** shall mean any urgent measures, which in opinion of the Engineer-in- Charge, become necessary at the time of execution and/or during the progress of work to obviate any risk of damage to the structure, or required to accelerate the progress of work or which become necessary for security or for any other/reason WBREDA may deem expedient.
