

NOTICE INVITING TENDER

FOR

EMPANELMENT OF VENDORS FOR “DESIGN, SUPPLY, ERECTION, TESTING AND COMMISSIONING INCLUDING WARRANTY, COMPREHENSIVE OPERATION & MAINTENANCE OF GRID-CONNECTED ROOFTOP SOLAR PLANT WITH HYBRID INVERTER, NET METER AND BATTERY STORAGE SYSTEM IN RESIDENTIAL/COMMERCIAL/INDUSTRIAL SECTOR OF VARIOUS CAPACITIES UNDER PHASE-II OF GCRTS SCHEME OF MNRE BEING IMPLEMENTED BY ELECTRICITY DEPARTMENT, A & N ADMINISTRATION IN THE UT OF ANDAMAN & NICOBAR ISLANDS (TWO PART BIDDING e-TENDER) Under E-tender web Portal of State e-procurement Portal(<https://eprocure.andaman.gov.in>)

RFP No.–EL/NRSE/AE-SPV/T-RT/2019-2020/PF-II/651 Dated: 04.07.2022

The Executive Engineer, NRSE Division, Electricity Department, A & N Administration invites bids for empanelment of firms for Design, supply, erection, testing and commissioning including warranty, comprehensive operation & maintenance for a period of 05 years of Grid connected Rooftop solar plants with hybrid inverter, net meter and battery storage system in residential/commercial/industrial sector of various capacities in the State of Andaman & Nicobar Islands under CAPEX model.

The Ministry of New and Renewable Energy, Government of India (MNRE) is implementing Phase-II of Grid Connected Rooftop Solar (GCRTS) Programme wherein central financial assistance (CFA) is being provided for installation of rooftop solar (RTS) projects in residential buildings. To implement the RTS activities in respect of the afore said programme, respective Power Distribution companies (DISCOMs) have been designated as the implementing agency. Government of Andaman & Nicobar Islands, has decided that NRSE Division, Electricity Department, A & N Administration shall be the common tendering agency and will identify L-1 rates and empanel vendors for implementation of the programme. NRSE Division, Electricity Department, A & N Administration invites e-bids from eligible bidders to participate in Request for Selection (RFS) for empanelment of vendors for Site Survey, Design, Installation, Supply, Erection, Testing and Commissioning including Warranty and 5 years of Comprehensive Operation and Maintenance of Roof Top Solar PV Power System for Residential/Commercial/Industrial Consumers in the UT of Andaman & Nicobar Islands. This RFS shall be governed by terms of sanction received from MNRE vide O.M No. 318/63/2019-GCRT dated 19.01.2022 for Electricity Department, A & N Islands.

For the implementation of above-mentioned work, Bidders should submit their bid proposal online, complete in all aspect, on or before Last date of Bid Submission as mentioned on the Bid Information Sheet.

Bidder shall submit bid proposal along with the refundable Bid Bond as per the Bid Information Sheet. Techno-Commercial bids will be opened online as per the Bid

Information Sheet in presence of authorized representatives of bidders who wish to be present online. Bid proposals received without the prescribed Bid Bond shall automatically be rejected. In the event of any date mentioned in bid information is declared a Holiday, the next working day shall become operative for the respective purpose mentioned herein.

Bid documents which include Eligibility criteria, “**Technical Specifications**”, various conditions of contract, formats, etc. can be downloaded from state e-procurement portal (<https://eprocare.andaman.gov.in>). Only the documents submitted at the time of Bid Submission shall be used in evaluation process. Bidders are advised to ensure that all supporting documents are submitted at the time of Bid Submission as no further clarification/amendments would be entertained in this regard. Bidders are also encouraged to familiarize themselves with the MNRE scheme available at SPIN portal (solarroofotp.gov.in) for efficient execution.

Any amendment(s)/ corrigendum/ clarifications with respect to this Bid shall be uploaded on the state e-procurement portal (<https://eprocare.andaman.gov.in>). The Bidder should regularly follow up for any Amendment/ Corrigendum/ Clarification on the above websites.

The bidding process under this Rooftop scheme is for 1MWp comprising of CAPEX Model for Residential Sector , 3 MWp comprising of CAPEX Model for Commercial Sector, 1 MWp comprising of CAPEX Model for Industrial Sector.

S. N	Category	Proposed Capacity	Aggregate Capacity (kW)	Min Capacity (kW) <i>(for which the Bidder can submit its Bid)</i>	Max Capacity (kW) <i>(for which the Bidder can submit its Bid)</i>
1.	Part-A	1 kW to 3 kW	<u>5000 kW</u>	<u>100 kW</u>	<u>5000 kW</u>
2.	Part-B	Above 3 kW to 10 kW			
3.	Part-C	<u>Above 10 kW to 100 kW</u>			

Note: For common facilities in Group Housing Societies/Residential Welfare Associations (GHS/RWA) etc. the allowed RTS capacity shall be limited up to 500 kWp (@ 10 kWp per house), with the upper limit being inclusive of individual rooftop plants already installed by individual residents in that GHS/RWA at the time of installation. Bidders are requested to quote Minimum Capacities in each part as per above table.

Electricity Department, A & N Administration reserves the right for diversion of capacity from one bidder/ category to another (including transfer of unallocated capacity to OPEN Category) for 100% utilization of capacity sanctioned by MNRE, GoI.

PRICE BID FORMAT

Tender Inviting Authority: Electricity Department, Andaman & Nicobar Administration

Name of Work: Design, supply, erection, testing and commissioning including warranty, Comprehensive operation & maintenance for a period of 05 years of Grid-Connected Rooftop Solar Plant with Hybrid Inverter, Net Meter and Battery Storage System in Residential/Commercial/Industrial sector of various capacities under the Phase-II of Grid Connected Rooftop Solar Scheme of MNRE in the UT of Andaman & Nicobar Islands

Name of Bidder: - _____

Category	Bid Capacity (in kW)	Rate per kWp Cost of complete Rooftop Solar PV Plant Systems with cables,switches,circuit breakers,connectors,junction box,mounting structure,earthing,lightening arrester,and civil works,installation & commissioning, CMC for 5 years,transportation,insurance, etc. excluding Inverter (per kWp) To be entered by the Bidder Rs. P (A)	Rate per kWp Cost of Hybrid Inverter (per kWp) (in INR) (B)	Cost of Net Meter (in INR) (C)	Cost of Lithium Ion Battery Storage System @ 1.5 kWh/kWp (in INR) (D)	Total Cost of the System (per kWp) (in INR) E=(A+B+C+D)	Total Cost of the System (in words) (per kWp)
1	2	3	4	5	6	7	8
Part A (1to3KWp)							
Part B (Above 3to10 KWp)							
Part C (Above 10to 100KWp)							

- All the fields in respect of bid capacity & item wise rates for the quoted category are required to be filled mandatorily by the bidder. (i.e. table column 2, 3, 4, 5 & 6)
- If the bidder fails to provide bid capacity & item wise rates for the quoted category, such bids shall be not be accepted and treated as rejected.
- Rates quoted will be exclusive of GST.

- In case there is difference between Figure Rate & Words Rate, then the rates given in words column will be accepted by Electricity Department, Andaman & Nicobar Administration.

BID BOND/EMD (To be submitted in original form offline only)

The Bidder shall furnish Interest Free Bid Bond in the form of Bank Guarantee (BG)/ Demand Draft drawn in favour of “The Account Officer, Electricity Department, Andaman & Nicobar Administration”, payable at Port Blair. The validity of Bid Bond/EMD shall be for a period of one year from the Bid Deadline. Bid bond /EMD shall be submitted separately for each part. The Bid Bond/EMD of unsuccessful bidders shall be returned within 30 days from the date of issue of List of Empanelled Vendors. Bid bond(s) of Empanelled Vendor shall be released after the receipt of PBG in the format prescribed by Electricity Department, Andaman & Nicobar Administration and after the receipt of confirmation of their PBG’s from their respective banker. The formula applicable to calculate the Bid Bond amount under different parts will be:

Bid Bond/EMD amount =>(2%) X(51616)X(100) = Rs. 103232 /-(Rupees One lakh Three thousand Two hundred Thirty Two only)

NOTE:

(100 KWp is the Minimum Bid Capacity)

(Present Benchmark cost of 1KWp GCRTS for FY 2021-22 by MNRE = Rs. 51,616)

Bidders registered with Small Scale Industries/ National Small Scale Industries Corporation / DIPP /MSME registered under Renewable sector and Govt. Dept./ PSU shall be exempted from the deposition of Bid Bond /EMD in all parts, provided the quoted value of the tender is within the **monetary limit** for the said unit set by NSIC/ State Director of Industries. *Bidders seeking exemption should enclose a photocopy of valid registration certificate giving details such as validity, stores and monetary limits failing which they run the risk of their tenders, as ineligible.*

SUCCESSFUL BIDDER(S) SELECTION:

Qualified Bids shall only be evaluated.

Project Cost quoted in all Price Bids of Qualified Bidders shall be ranked from the lowest to the highest for **PART-A, PART-B & PART-C** separately.

Based on the price bid quoted by the bidders, Electricity Department, Andaman & Nicobar Administration shall arrange the bids in the ascending order i.e. L1, L2, L3, _ _ _ (L1 being the lowest quote). Lowest bidder will be declared as the L1 against each Part/Category.

The Bidder should submit the offline Bid documents so as to reach the address indicated below by on or before the technical opening date and time.

**Office of The Executive Engineer,
NRSE Division, Electricity Department,**

Mohanpura, Port Blair-744101.

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(Executive Engineer, NRSE)