



Chief Engineer (E), BSNL Electrical MH West Zone, Ground Floor 'A' Wing
BSNL Admin. Bldg. Juhu Road, Santacruz (W), Mumbai. -400 054.
email-ceedbsnlmumbai@gmail.com

RFP Notice—1300/CEEM/2020-21/NIT/375

Dt.: 04/07/2020

Subject: Request For Proposal (RFP) for Implementation of Grid Connected Rooftop based Solar PV System Scheme for BSNL Buildings in different Zones of Maharashtra under RESCO Model from the approved vendors by MEDA specifically for Govt. Bldgs. in Maharashtra.

(SINGLE STAGE BIDDING TWO STAGE OPENING)
(under e-procurement)

BSNL is inviting non- financial bids from eligible bidders to participate in Request for Proposal (RFP) for implementation i.e. Site Survey, Design and proposal for highest power generation capacity plants of Grid Connected Rooftop based Solar PV System Scheme for BSNL Buildings in different Zones of Maharashtra under RESCO Model.

Consist of e-RFP: "Technical Bid" and "Highest plants capacity Bid" as Non-Financial Bid set out in **Annexure I** and the Letter of Acceptance as per **Annexure – A**

Yours faithfully,

Sd/-

Date: 03/07/2020

Executive Engineer (EP)
BSNL Electrical MH West Zone,
Mumbai.



Chief Engineer (E), BSNL Electrical MH West Zone, Ground Floor 'A' Wing
BSNL Admin. Bldg. Juhu Road, Santacruz (W), Mumbai. -400 054.
email-ceedbsnlmumbai@gmail.com

No.: 1300/CEEM/2020-21/NIT/26

Subject: Request for Proposal (RFP) for Implementation of Grid Connected Rooftop based Solar PV System Scheme for BSNL Buildings in different Zones of Maharashtra under RESCO Model from the approved vendors by MEDA specifically for Govt. Bldgs. in Maharashtra.

1. Introduction and Background

Bharat Sanchar Nigam Ltd. was incorporated on 15th September 2000. It took over the business of providing of telecom services and network management from the erstwhile Central Government Departments of Telecom Services (DTS) and Telecom Operations (DTO), with effect from 1st October'2000 on going concern basis. It is one of the largest & leading public sector units providing comprehensive range of telecom services in India.

The company has vast experience in planning, installation, network integration & maintenance of switching & transmission networks & also has a world class ISO 9000 certified Telecom Training Institute.

- 2 Government of India has launched Jawaharlal Nehru National Solar Mission (JNNSM) which now has a target of 100,000 MW of grid solar power by 2022, out of which grid connected rooftop Solar PV systems is considered as very potent area and has a target of 40,000 MW. To achieve energy security and for having good optics, it is envisaged to develop solar rooftop projects on large scale by utilising vacant roofs of buildings and adjoining lands of the campus etc.

BSNL is inviting non-financial bids for Implementation of Grid Connected Rooftop based Solar PV System Scheme for BSNL Buildings in different Zones of Maharashtra under RESCO Model from the approved vendors by MEDA specifically for Govt. Bldgs. in Maharashtra for the proposed list of Bldgs. Of BSNL in different Zones of Maharashtra as specified under Annexure- I.

2. Qualification Requirement/Eligibility Criteria.

1. Government of Maharashtra departments / establishment, Government Institutions including Ministries/Departments/Organisation of both Central & State Governments and PSUs interested to setup rooftop solar power projects under CAPEX / RESCO mode can approach MEDA empanelled Solar Project Developers / System Integrators / RESCO's.

For development of projects in RESCO mode:

2. MEDA has empanelled following 8 (eight) developers/system integrators/RESCOs for development of solar PV power plants in RESCO mode for Government sector buildings in Maharashtra.

Sr. No.	Name of the Company	Contact No.	E-mail Id	Project Category
				RESCO/CAPEX
1	Atharva Technosystem	9503263192	sales@ats192.in	>10-100 kW / 1-100 KW
2	Bijlee LED Lightening Pvt. Ltd.	9860533336	gagaansiial@gmail.com	>10-500 kW / 1-500 KW
3	Crystal Corporation	9823059488	crystalpower@rediffmail.com	>10-500 kW / 1-500 KW
4	ECE (india) Energies Pvt. Ltd.	9225600821	info@eceindia.com	>10-500 kW / 1-500 KW
5	Eurja Infrastructure	02266990023	sales@eurja.com	>10-500 kW / 1-500 KW
6	GK Energy Marketers Pvt. Ltd.	9970450000/ 9970094444	gk@energymarketers.in int@energymarketers.in	>10-500 kW / 1-500 KW
7	Novasys Greenenergy Pvt. Ltd.	9860864555	sales@novasysgreen.com	>10-500 kW / 1-500 KW
8	Swid Process Technologies Pvt. Ltd.	9112255669	info@swid.in	>10-500 kW / 1-500 KW

3. In RESCO mode, the Solar Project Developers / System Integrators / RESCO's will have to incur 100% cost. Government of Maharashtra departments / establishment can develop solar power plants in RESCO mode from above eight developers /system integrators/RESCOs at a competitive tariff of Rs. 2.7400/- per kWh (>10-100 kW) & Rs.2.7395/- per kWh (>100500 kW) fixed for 25 years.

4. The above tariff has been discovered vide MEDA Tender No. Solar/GCRT-Govt. Building/EOI/2018-19, Tender ID No 2019_MEDA_437253_1. GoM department / establishment can opt the tariff / rate discovered in MEDA empanelment or they can conduct separate bidding. However, the tariff discovered in MEDA empanelment shall be the ceiling.
5. The beneficiary department (here BSNL) shall enter in to the PPA with the Solar Project Developers / System Integrators / RESCO's at the tariff discovered in the MEDA empanelment. The said tariff shall be binding on the GoM departments and establishments for PPA period of 25 years.
6. The Solar Project Developers / System Integrators / RESCO's shall operation and maintain complete system for the period of 25 years in the case of RESCO mode of implementation. The date of commencement of PPA tenure shall be reckoned from the date of commissioning of the system. The GoM departments / establishment can buy back the complete asset by paying agreed cost of project over its operational life of 25 years.
7. The cost of providing roof access, walkways, ladder, cost of contract demand enhancement charges/transformer or load upgradation /control panel/CT/PT if required, additional AC incomer cable above 100 mtrs/any additional work required by MSEDCL/Electrical Inspectorate etc. if required shall be borne by GoM department / establishment. These costs are not considered in the rates for empanelment due to varying cases to case or location specific requirements.
8. The required area of roof for setting up the solar project will be provided by the beneficiary department free of cost for the PPA tenure.
9. The solar panels, inverter and balance of plant equipment and shall be as per the MNRE approved specifications-IEC/BIS certified.

Eligibility Criteria: - The Bidders from the above list only are eligible to submit the e-RFP. (online).

Note: *

1. Bidders should not be blacklisted from Ministry of Corporate Affair or any other Government bodies/ PSUs etc.
2. Bidders should have valid GST Number or as per statutory requirement.

NB: If the bidder's submitted information is found to be false declaration or misrepresentation, the bidder(s) shall be out rightly rejected or debarred or blacklisted from BSNL's future tenders.

3. Submission of Bid

Submission of Bid-Parts

Envelope I (Technical-Bid)

Envelope II (Non-Financial-Bid)(EOI).

- A ENVELOPE- I (COVERING LETTER, TECHNO-COMMERCIAL DOCUMENTS, ETC) (TO BE SUBMITTED OFF-LINE AND ONLINE BOTH)**
- B ENVELOPE II- HIGHEST PROPOSED SOLAR PLANT CAPACITY BID(S) (To be submitted online only)**

3.1 Tenderer must submit following documents offline in physical form to The Executive Engineer (E), BSNL Electrical Division, Mumbai on or before the due date & time of submission of tender on date **18/07/2020** up to 11.30 Hrs. in a Sealed Envelope to be deposited in Tender Box available in O/o Chief Engineer (E), BSNL Electrical MH West Zone, Mumbai. The envelope shall bear the tenderer name, name of work. RFP number and the words "DO NOT OPEN BEFORE (due date & time)" and also upload the attested scanned copies of these documents with the tender form on www.eprocure.gov.in. These documents shall not be sent through the Courier / Post. The documents received through Courier / Post shall not be opened at all.

HOWEVER In view of COVID-19 Pandemic, following documents are required to be submitted offline (i.e. offline submissions) by lowest tenderer to "The Sr. Chief Engineer(E), BSNL, Electrical West Zone, Mumbai" on or before award of work and need not to be submitted along with tender submission. All the details are only required to be uploaded in e-procure.

- i) Cost of Bid Document – No cost for eFRP bid documents.
- ii) Authorization Document in original if any required under 2.
- iii) Duly Signed copy of 'TENDER SUBMISSION FORMAT (For e-Tender)'
- iv) Bidder's Acceptance of General terms and Conditions as per Annexure A.

3.2 In addition to above documents tenderer shall also up-load the attested scanned copies of following documents with the tender form on www.eprocure.gov.in.

- i. Documentary proof of satisfying the eligibility conditions as per 2 above.
- ii. PAN card.
- iii. Valid GST Registration as per GST Law (SGST/CGST/IGST as applicable)
- iv. CA certificate for turnover and deposition of Income Tax.
- v. Declaration by Contractor No Relative Certificate.
- vi. Bidder's Acceptance of General terms and Conditions as per Annexure A.

Note- 1- All above mentioned documents shall be self-attested

2- All above documents must be clearly displayed & seen by the tender opening authority before opening the actual bid. If required, BSNL may ask to submit original copies of credentials for verification after opening of tender at any stage.

3- In case the eligibility credentials are found to be fake or falsified at any stage i.e. before award of work or during execution of the work or after completion of the work, the contractor will be liable to debar from tendering in BSNL for the period as decided by competent authority including any other action under the contract or existing law.

3.3 Online bid documents submitted by intending bidders shall be opened only of those bidders, whose Earnest Money Deposit and Cost of Bid Document, Authorization Letter if any, & Tender Submission Format placed in the envelope are found in order. Tender not accompanied by documents as 3.1 & 3.2 above shall be **Date & Time of Submission of e-Tender:** on or before 12.00 hrs. of **17/07/2020**

Note: a) In case the date of submission (opening) of bid is declared to be a holiday, the date of submission (opening) of bid will get shifted automatically to next working day at the same scheduled time.

b) Any change in bid opening date due to any other unavoidable reason will be intimated to all the bidders separately.

3.3.1 Online Opening of e-Tender/RFP: **From 12.00 Hrs. of 18/07/2020**

3.3.2 Place of opening of Tender/RFP bids:

BSNL has adopted e-tendering process which offers a unique facility for 'Public Online Tender Opening Event (TOE)'. BSNL's Tender Opening Officers as well as authorized representatives of bidders can attend the Public Online Tender Opening Event (TOE) from the comfort of their offices. However, if required, authorized representatives of bidders can attend at the O/o. Chief Engineer (E), BSNL Electrical MH West Zone, Mumbai, where BSNL's Tender Opening Officers would be conducting Public Online Tender Opening Event (TOE).

3.3.3 The tender/RFP submitted shall become invalid if:

- (i) The tenderer is found ineligible.
- (ii) The tenderer does not upload all the documents as stipulated in the bid document as detailed in PARA 3.1 & 3.2 above / submits them offline in physical form as detailed in PARA- 3.1 above.
- (iii) Any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted off line physically in the office of tender opening authority.
- (iv) Before bidding, the contractor shall inspect the site and fully acquaint himself about the condition with regard to accessibility of site and site nature and the extend of grounds, working condition, including stocking of materials, installation of T&P etc., and conditions affecting accommodation and movement of labour

etc., required for the satisfactory execution of the contract. No claim whatsoever on such account shall be entertained by the BSNL in any circumstances.

4. The time allowed for carrying out the work will be as per MEDA agreement for individual site after issuance of specific P.O.
5. In case the eligibility credentials are not found in order at any stage i.e. before award of work or during execution of the work or after completion of the work, the contractor **will be liable to debar from tendering in BSNL for the period as decided by competent authority**
6. The acceptance of a tender/RFP will rest with the Chief Engineer (E), Mumbai, who does not bind himself to accept the lowest tender or any other tender and reserves to himself the Authority to reject lowest or all the tenders received without assigning any reason. All tenders in which any of the prescribed conditions are not fulfilled or incomplete in any respect are liable to be rejected.
7. Canvassing in connection with tender is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable for rejection.
8. The BSNL reserves itself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rates quoted.
9. i) The tenderer should give a certificate that none of his/her relative is employed in BSNL units. In case of proprietorship firm, certificate will be given by the proprietor and for partnership firm certificate will be given by all the Directors of the company.

ii) Near relatives of all BSNL employees either directly recruited or on deputation are prohibited from participation in tenders and execution of works in the different units of BSNL. The near relatives for this purpose are defined as:
 - a) Members of a Hindu Undivided family.
 - b) They are husband and wife.
 - c) The one is related to the other in the manner as father, mother, son(s) & son's wife(daughter-in-law), Daughter(s) & daughter's husband(son-in-law), brother(s) & brother's wife, sister(s) & sister's husband(brother -in-law).
iii) The company or firm or any other person is not permitted to tender for works in BSNL Unit in which his near relative(s) is (are) posted. The unit is defined as SSA/Circle/Chief Engineer/Chief Archt./Corporate office for non-executive employees and all SSA in a circle including circle office/Chief Eng./Chief Archt./Corporate office for executive employees (including those called as Gazetted officers at present). The tenderer should give a certificate that none of his/her such near relative is working in

the units as defined above where he is going to apply for tender/work, for proprietorship, partnership firms and limited company certificate shall be given by the authorized signatory of the firm. Any breach of these conditions by the company or firm or any other person, the tender/work will be cancelled and earnest money/performance guarantee will be forfeited at any stage whenever it is so noticed. BSNL will not pay any damages to the company or firm or the concerned person. The company or firm or the person will also be debarred for further participation in the concerned unit. The format of the certificate to be given is prescribed on Page No. 16.

- 10.** No employee in BSNL/ Govt. of India is allowed to work as a contractor for a period of two years of his retirement from service without the prior permission. The contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission as aforesaid before submission of tender and engagement in the contractor's service.
- 11.** The tender for the works shall not be witnessed by the contractor who himself/themselves has/ have tendered or who may and has/have tender for the same work. Failure to observe this condition would render tenders of the contractors tendering as witnessing the tender is/are liable for summarily rejection.
- 12.** The tenders for the work shall remain open for acceptance for a period of **90 days** from the date of opening of the tenders. If any tenderer withdraws his tender before the said period or makes any modification in the terms and conditions of the tender which is not acceptable to the BSNL shall, without prejudice to any other right of remedy be at liberty to forfeit 50% (fifty percent only) of the said earnest money absolutely.
- 13. Extension of validity:** In case, where the letter of award of work cannot be placed within the validity period of the tender, the BSNL can request all tenderers to extend the validity of their respective tenders and the Earnest Money deposit by a reasonable period. In such cases, extension of validity of Earnest Money deposit by 30 days beyond the extended validity date of tender should also be asked for. While BSNL can make the request for extension, the tenderer is free to either extend the validity or refuse the request to extend the validity.
- 14.** The contractor should read the tender documents carefully before submitting the tender.
- 15.** This Notice Inviting Tender shall form part of the Contract document. The successful tenderer/contractor on acceptance of his tender by the Accepting authority, shall, within 15 days from the stipulated date of start of the work, sign the contract consisting of :-a)The Notice Inviting Tender, all the documents including additional

conditions, specifications and drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.

16. The PROPOSAL shall be strictly as per the format prescribed in the RFP and shall be Un-conditional. The conditional bid shall be summarily rejected.

17. This notice of bid together with the Annexure and Schedules herein shall be herein after referred to as the "Bid Document".

18. The time table for bid process is as follows:

S.NO	EVENT	DATE	TIME
1	PUBLISHING OF RFP ON EPROCURE & MH INTRANET PORTAL	04/07/2020	
2	SUBMISSION OF ONLINE BID (TECHNICAL & FINANCIAL)	17/07/2020	UPTO 12.00 HOURS
3	PHYSICAL SUBMISSION OF HARD COPIES OF DOCUMENTS		N/A
4	OPENING OF NONFINANCIAL BID/TECHNICAL BID (ONLINE)	18/07/2020	AT 12.00 HOURS

19. Bids shall be evaluated as under:-

- i. In the event, if two or more Bidders quote the same SSA, Such bidders shall have to reoffer financial bid for compensation for delay to BSNL and L1 will be decided on the basis of reoffer.
- (a) After the opening of Non-Financial Bid, the system will rank the Bidders according to their expression of interest in number of SSAs in the bids. The Bidder with quoted "Yes" for interest as well as delay compensation for maximum number of SSAs at Non-Financial Bid opening stage will be called the lowest Bidder (L1) Bidder.
- (b) After selection, a LOA shall be issued in duplicate by the Procurer to the Selected Bidder and the Selected Bidder(s) shall sign and return the duplicate copy of the LOA in acknowledgment thereof.
- (c) After acknowledgement of the LOA by the Selected Bidder(s), the Procurer shall cause the Selected Bidder(s) to execute the PPA within the prescribed period in the Bid Document i.e. within 15 days from the date of LOA. The Selected Bidder(s) shall not be entitled to seek any deviation, modification or amendment in the PPA.

- a. The Procurer, in its own discretion, has the right to reject all Bids if the Quote Tariffs are not aligned to the prevailing market price.

20. Contract Documents

BSNL shall intimate the award of purchase of power to the selected Bidder whose bid has been accepted through a Letter of Intent (LOI). Subsequently Power Purchase Agreement (PPA) will have to be signed between the selected Bidder and BSNL. The selected Bidder must commence scheduling of power with effect from 01st day of the subsequent month after signing of PPA.

21. Compliance to the terms and conditions.

The Bidders are advised to ensure that the bid is fully complying with the requirements specified and terms and conditions contained in the MEDA document/agreement. No deviation/addition/alterations/changes from these conditions is permissible and a bid with any deviation may summarily be rejected at BSNL's discretion, without any liability on BSNL to assign any reason(s).

22. BSNL's right to accept/reject the bid

BSNL in its own discretion has the right to reject all Bids if the quoted tariffs are not aligned with the prevailing market prices without any liability on BSNL to assign any reason(s). The decision of BSNL shall be final and binding on the bidders in this regard. Such acceptance/rejection of any or all bids will not make BSNL liable to any claim or action of whatever nature, including but not limited to, a claim for reimbursement of costs incurred by any such bidder in preparation of the bid.

23. Modification of the Bid Documents

BSNL reserves the right to modify any part of the terms and conditions of the Bid Document by issuing one or more amendments prior to the last date of submission of the bid ("Amendment"). Any Amendment shall form part of the Bid Document, and shall be binding on the bidders.

24. Confidentiality

For the purpose of transparency, BSNL shall make the bids public by indicating the tariff quoted by all the bidders, after signing of the PPA or the PPA becoming effective, whichever is later. While doing so, only the name of the successful bidder shall be made public and tariff quoted by other bidders shall be made public anonymously.

25. Bid Validity Period

The validity period of offer of bidder shall be till the time of signing of the PPA.

26. Governing Law

All matters arising out of or in conjunction with the Bid Document and/or the bidding process shall be governed by and construed in accordance with Indian laws.

27. DISPUTE RESOLUTION---Where any dispute arises claiming any change in or regarding determination of tariff or any tariff related matters, or which partly or wholly could result in change in tariff, such disputes shall be adjudicated by the Appropriate Commission. All other disputes shall be resolved by arbitration under the Indian Arbitration and Conciliation Act, 1996.

28. Contract award and Conclusion

- 28.1 The PPA shall be signed with the Selected Bidder(s) consequent to the Selection process.
- 28.2 After the conclusion of bid process, the Standing Committee constituted for evaluation of RFP bids shall provide appropriate certification on conformity of the bid process evaluation according to the provisions of the RFP document. The Procurer/ BSNL shall provide a certificate on the conformity of the bid process to these guidelines to the appropriate commission.
- 28.3 For the purpose of transparency the procurer shall make the bids public by indicating the tariff quoted by all the bidders after signing of the PPA or PPA becoming effective, whichever is later. While doing so, only the names of the Successful Bidder(s) shall be made public and tariffs quoted by other bidders shall be made public anonymously.
- 28.4 If the quantum of power procured and tariff determined are within the blanket approval granted by the Appropriate Commission in Annual Revenue Requirement (ARR) of the respective year, then the same will be considered to have been adopted by the Appropriate Commission.

29. Compensation for Delay

29.1 If the contractor fails to maintain the required progress or to complete the work and clear the site on or before the contract or extended date of completion, he shall, without prejudice to any other right or remedy available under the law to BSNL on account of such breach, pay as agreed compensation the amount calculated at the rates stipulated below or such smaller amount as decided by the Superintending Engineer (whose decision in this regard shall be final and binding).

– 0.50% of **fair value of work** per week

29.2 Provided always that the total amount of compensation for delay to be paid under this condition shall not exceed 12% of the **fair value of work** of work. The amount of compensation may be adjusted or set-off against any sum payable to the contractor under this or any other contract with BSNL.

The amount of work for consideration of levy of delay (**fair value of work**) compensation shall be = Wp of the site x MNRE benchmark cost (OM No. 318/33/2019-Grid connected Rooftop, Dtd.: 16th July 2019 of MNRE)

The period of completion shall be 3 months from the date of handing over clear site to the vendor .

30. Disclaimer

Neither BSNL nor its employees or consultants shall be liable to any Bidder or any other person under any law including the law of contract, tort, the principles of restitution or unjust enrichment or otherwise for any loss, expense or damage which may arise, or be incurred, or suffered, in connection with the bid, or any matter that may be deemed to form part of the Bid document or any other information supplied by or on behalf of BSNL or its employees or consultants. For the avoidance of doubt, it is expressly clarified that this Bid Document is an offer to bid and is subject to the award of Letter of Intent (LOI) by BSNL and subsequent signing of PPA.

The bidder should read carefully all the terms and conditions of this tender document including the Annexures which shall form an integral part of this tender.

EXECUTIVE ENGINEER (EP)
BSNL Electrical MH West Zone, Mumbai
For & on Behalf of BSNL