



Madhya Pradesh Urja Vikas Nigam Limited

Invites Request for Proposal (RFP)

For

Selection of Renewable Power Generators (RPGs)

Through

Tender process

For

**Setting up of Grid connected Solar PV based Power Plants (SPP)
under feeder solarization component of PM KUSUM - C Scheme
for sale of power to MPPMCL**

RFP No: F/UVN/2022/SC/491

Date: 26.04.2022

Issued by: -

Madhya Pradesh Urja Vikas Nigam Limited (MPUVNL)

Urja Bhawan Link Road No. 2, Shivaji Nagar, Bhopal – 462016

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Notice Inviting Tender

RFP No: F/UVN/2022/SC/491 Dated: 26.04.2022

Madhya Pradesh Urja Vikas Nigam Limited, invites Bids from the Bidders to participate through this Request for Proposal (RFP) for Selection of Renewable Power Generators (RPGs) for Implementation of approximate 8 MW of Grid Connected Solar PV Systems for Sale of Solar Power to MPPMCL under feeder solarization component of PM KUSUM-C near Sanchi in the state of Madhya Pradesh, India.

For the implementation of above mentioned work, Bidders should submit their bid proposal and all requisite documents complete in all respects on or before **18.05.2022** up to 20:00 Hours online in <https://www.bharat-electronictender.com> and in the office of “Nodal Agency” in prescribed format. Bid proposals received without the prescribed Bid Processing Fee shall be rejected. It may be noted that Bid Security was exempted for all Bidders till 31 December 2021 in line with order of Ministry of Finance, Govt. of India dated 12.11.2020. Hence, every Bidder is required to mandatorily submit Bid Security in prescribed format. In the event of any date indicated above is a declared Holiday, the next working day shall become operative for the respective purpose mentioned herein. Technical Bid will be opened on **19.05.2022** at 11:00 Hours online in the presence of authorized representatives of Bidders who wish to be present.

Bid documents which include eligibility criteria, technical specifications, various conditions of Agreement, formats, etc. can be viewed from Nodal Agency's website <http://www.mprenewable.nic.in/> and can be downloaded from <https://www.bharat-electronictender.com> for online submission.

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(MPUVNL)

DISCLAIMER

1. Though adequate care has been taken while preparing the RFP documents (inclusive of Formats and Annexures), the Bidder shall satisfy themselves that the documents are complete in all respects. Intimation of any discrepancy shall be given to this office immediately. If no intimation is received from prospective Bidder on or before pre-bid meeting date, it shall be considered that the RFP document is complete in all respects and has been received by the Bidder. Bidder shall be responsible to read all clauses in conjunction with PPA (Part of RFP, in the form of Annexure).
2. Nodal Agency reserves the right to modify, amend or supplement RFP documents including all formats and annexure at any time before Bid submission deadline. Interested Bidders are advised to follow and keep track of Nodal Agency's website as well as designated e-tender portal for updated information. Nodal Agency is not obligated to send/ communicate separate notifications for such notices/ amendments/ clarification etc. in the print or electronic media or individually. Nodal Agency shall not be responsible and accountable for any consequences to any party, whatsoever.
3. While this RFP and associated bid process is carried out in good faith and adequate reasonableness, neither Nodal Agency nor their employees or advisors make any representation or warranty, expressed or implied, or accept any responsibility or liability, whatsoever, in respect of any statement or omissions herein, or the accuracy, completeness, procedural inadequacy or reliability of information and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of this RFP, even if any loss or damage is caused by any act or omission on their part.
4. The capitalized term or any other terms used in this RFP, unless as defined in RFP or repugnant to the context, shall have the same meaning as assigned to them by the Electricity Act, 2003 or Company Act, 1956/ 2013 or Indian Partnership Act, 1932 or Limited Liability Partnership Act, 2008 or Income Tax Act, 1961, Guidelines for implementation of PM KUSUM scheme, 22.07.2019 and applicable rules or regulations framed under these Acts/ Guidelines.

Request for Proposal for Grid Connected SPPs in Madhya Pradesh under feeder solarization component of PM KUSUM - C Scheme

A. BID INFORMATION SHEET

Document Description	Request for Proposal (RFP) for Selection of RPGs for Implementation of approximate 8 MW Grid Connected Solar based power plants connected to selected 33/ 11 kV substation(s), near Sanchi, for Sale of Solar Power to MPPMCL in the state of MP under feeder solarization component of PM KUSUM-C
RFP No. & Date	RFP No: F/UVN/2022/SC/491 Dated: 26.04.2022
RFP Purchase Start Date	28.04.2022 at 23:55 Hrs.
RFP Purchase End Date	18.05.2022 at 18:00
Total Capacity	Approximate 8 MW
Project or Project Size	<p>As per demand assessed for all concerned agricultural feeders emanating from a particular sub-station and nearby urban load centre, subject to maximum available capacity at concerned sub-station.</p> <p>Project size corresponding to a substation = $\sum [(E \times 1000) / (24 \times D \times \text{CUF})]$, for all agricultural feeders emanating from a substation and nearby urban load centre;</p> <p>Where,</p> <p>E= Average input energy of an agricultural feeders emanating from concerned substation and nearby urban load centre assessed in accordance with methodology prescribed by MNRE under KUSUM-C guidelines for feeder solarization</p> <p>D= number of days in a year</p> <p>CUF= capacity utilization factor of SPP (assumed at 19% or more)</p>
Bid Size	Bidder can place Bid for any number of sub-stations. There is no cap on total bid capacity by a Bidder
Exclusivity	A Bidder shall place only one bid for a substation i.e. all target feeders emanating from one substation and nearby urban load centre shall be considered as one Project.
Selection of substation for SPPs under component-C of PM	Substations to be considered for feeder solarization under component-C of PM KUSUM scheme as identified by concerned

KUSUM scheme	<p>Discoms shall meet following criteria:</p> <ul style="list-style-type: none"> • It has at least one dedicated agricultural feeder emanating from 33/11 kV substation • It has at least one non-agricultural feeder emanating from 33/11 kV substation • Concern 33/11 kV substation has technically feasible capacity to accommodate proposed capacity of solar project under feeder solarization component of PM KUSUM-C
Duration of PPA	25 years from Commercial Operation Date
Maximum CUF	<p>Procurer, in any Contract Year, shall not be obligated to purchase additional energy above 21% CUF on annual basis during the PPA period from the RPG at the PPA tariff of that year. However, the excess energy generated by RPG above 21% CUF may be procured by Procurer at 75% of the PPA tariff as per Article 4.3 of PPA.</p>
Minimum CUF	<p>For any Contract Year except for the first year of operation, the renewable power generator, shall be required to achieve a minimum CUF of 15% on annual basis during the period of PPA.</p>
Broad Scope	<p>Design, Engineering, Supply, construction, erection, Testing and Commissioning including construction of bay and related switchgear at sub-station along with Comprehensive Operation & Maintenance for twenty-five (25) Operational Years of Grid Connected Solar based Power Plants (SPPs) in accordance with the applicable Law, the Grid Code, the terms and conditions of PPA and prudent utility practices for Sale of Solar Power to MPPMCL at the delivery point in concerned substation(s) near Sanchi in the state of Madhya Pradesh, India.</p>
Subsidy from Govt. of India i.e. Central Financial Assistance (CFA)	<p>Shall be INR 1.05 crore/ MW i.e. 30% of estimated cost of installation of SPP at INR 3.5 crore/ MW. CFA shall be governed by relevant Subsidy from Govt. of India guidelines from time to time. CFA/ subsidy from Govt. of India will be released to the RPG through nodal agency on successful commissioning and declaration of Commercial Operation Date (COD) of solar power plant. The release of CFA to RPG is subject to submission of bank guarantee equivalent to CFA amount. Bank Guarantee will be</p>

	<p>released in four lots of 25% each on successful operation of plant after 2.5 years, 5 years, 7.5 years and 10 years from CoD.</p> <p>Important clarification: In cases where Project Size is determined to meet energy requirement of concerned agricultural feeders as well as energy requirement of nearby urban/ rural load centres, the CFA shall be limited to capacity adequate for meeting energy requirements of concerned agricultural feeders only as per KUSUM-C guidelines.</p>
Selection Procedure	<p>Financial Bid of only Qualified Bidders i.e. RFP compliant and meeting Eligibility Criteria (i.e. technically qualified bidders), shall be opened.</p> <p>List of all Financially Qualified Bidders (FQBs) shall be prepared in ascending order of tariffs of respective FQBs to fill required bucket of solar capacities.</p> <p>The detailed procedure is given in the section 4 of this RFP.</p>
Pre-bid Meeting	<p>The pre-bid meeting shall be hosted on an online platform on 05.05.2022 at 13:00 hours. Interested Bidders may nominate their representatives (up to a maximum of 2) to attend the same. The Bidders should share the following participation details by 04.05.2022 at se.mpuvn1982@gmail.com and mpnred.wind@gmail.com</p> <ul style="list-style-type: none"> • Name of the Bidder • Name, Email, Contact No. of the Representative (s) <p>Joining instructions shall be shared 24 hours before the Pre-Bid Meeting.</p>
Last date & Time of Submission of Bid submission (ONLINE only)	18.05.2022 up to 20:00 hours
Last date & Time of Submission of required Bid documents in HARD copies	19.05.2022 up to 10:30 hours
Bid Opening (Technical)	19.05.2022 at 11:00 hours

Bid Opening (Financial)	27.05.2022 at 16:00 hours (Any modification in date, time and venue for Financial Bid opening shall be updated on websites. Bidders are advised to keep tracking of the same).
Bid Processing Fee (non- refundable)	MPUVNL's Bid Processing Cost: INR 5,000/- (Rupees Five Thousand only) + GST (18%) i.e. INR 5,900/- per MW or a part thereof. The bid processing fees will be paid to MPUVNL in following account (through NEFT/RTGS) and proof of the same shall be mailed to MPUVNL as well as submitted with online bid: <ul style="list-style-type: none">a) Account Holder Name: M. P. Urja Vikas Nigam Ltd.b) Bank Name: ICICI Bank Ltd.c) Bank Branch Address: Shivaji Nagar, Bhopald) Account No.: 656501700049e) IFSC Code: ICIC0006565f) MICR Code: 462229012 The e-tendering portal charges will be charged by the tendering portal directly as per following: <ol style="list-style-type: none">1. E-Tender Portal Registration Fees: During the registration process each bidder will have to pay the applicable ETS Registration-Fee of INR 3,000 + GST (18%). For already registered bidder on the portal, need not to re-pay registration fees for 1 year from date of their registration.2. Bid Participation Fee: Bidder Participation Charges Per - INR 7,000/ per sealed bid + GST (18%) Charges towards the e-tender portal, govern by the portal service provider, and shall be borne by the bidder. No exemption towards bid processing fees and e-tendering fees is allowed to any type of organizations/ agencies including MSMEs or any Govt./ semi Govt./ PSUs.
Bid Security	INR 1 lakh per MW as bid security is to be paid by all interested Bidder. It shall be valid for 180 days from the bid deadline. It may be extended further for a period of ninety (90) days with mutual consent

	<p>of the nodal agency and bidder.</p> <p>Interest free Bid Security as indicated in RFP document may be submitted to MPUVNL in following account (through NEFT/RTGS) and proof of the same shall be mailed to MPUVNL as well as submitted with online bid:</p> <ul style="list-style-type: none">a) Account Holder Name: M. P. Urja Vikas Nigam Ltd.b) Bank Name: ICICI Bank Ltd.c) Bank Branch Address: Shivaji Nagar, Bhopald) Account No.: 656501700049e) IFSC Code: ICIC0006565f) MICR Code: 462229012 <p>No exemption towards Bid Security is allowed to any type of organizations/ agencies including MSMEs or any Govt./ semi Govt./ PSUs</p>
Performance Bank Guarantee (“PBG”)	<p>Successful Bidder/ RPG shall be required to furnish a Performance Bank Guarantee (“PBG”) of 5 lakh/ MW for 12 months as per clause 4.17.</p> <p>The PBG will be returned to the power producer immediately after successful commissioning of solar power plant, after taking into account any penalties due to delay in commissioning.</p>
Update on this RFP	<p>Bidders are advised to keep track of the changes/ updates/ corrigendum regarding this RFP on https:// www.bharat-electronictender.com and www.mprenewable.nic.in (for reference only)</p>
Address for correspondence with nodal agency	<p>To, Superintending Engineer, Madhya Pradesh Urja Vikas Nigam Limited, “Urja Bhawan” Link Road No. 2, Shivaji Nagar, Bhopal – 462016 Landline No – 0755 2553595</p>

B. DEFINITIONS & ABBREVIATIONS

In this “Bid / RFP Document” the following words and expression will have the meaning as herein defined where the context so admits:

“**Affiliate**” shall mean a Company / Limited Liability Partnership (LLP) Firm/ Partnership Firm/ Sole Proprietor that directly or indirectly

- i. controls, or
- ii. is controlled by, or
- iii. is under common control with

a Bidder or Member of a Consortium. Any bank or financial institution shall not be considered as Affiliate. Also, any organization/ entity/ institution where the President of India or Governor of a State are the ultimate owner but otherwise are separate organization/ entity/ institution from each other shall not be considered as Affiliate;

“**Appropriate Commission**” - Unless otherwise stated, Appropriate Commission shall be the commission of the state where DISCOM is situated; In this case, it shall mean Madhya Pradesh Electricity Regulatory Commission (MPERC);

“**Bid**” shall mean the Technical and Financial Proposal submitted by the Bidder along with all documents/ credentials/ attachments/ annexure etc., in response to this RFP, in accordance with the terms and conditions hereof;

“**Bidder(s)**” shall mean eligible Company/ Limited Liability Partnership (LLP) firm/ Partnership Firm/ Sole Proprietor or Consortium or Joint Venture of above in any form submitting the Bid in response to this RfP. Any reference to the Bidder includes its successors, executors and permitted assigns as the context may require;

“**Bidding Consortium or Consortium**” shall refer to a group of bidding Company/ Limited Liability Partnership (LLP) firm/ Partnership Firm/ Sole Proprietor that has collectively made a Bid in response to RFP for the project. Consortium of a maximum of two individuals/ members is allowed under this RFP.

“**Bid Deadline**” shall mean the last date and time for submission of Bid in response to this RFP as specified in Bid Information Sheet;

“**Bid Security**” shall mean Bid Security to be submitted by the Bidder along with the Bid as per provision of RfP;

“**B.I.S.**” shall mean specifications of Bureau of Indian Standards (BIS);

“**Bid Validity Period**” shall mean 180 days from the bid deadline. It may be extended