



MADHYA PRADESH URJA VIKAS NIGAM LIMITED

(A Govt. of M.P. Undertaking) (ISO 9001:2008 Certified)

Urja Bhawan, Shivaji Nagar, 5 No. Stop, Link Road No. 2, Bhopal (M.P.)

Web-www.mprenewable.nic.in e-mail ceuvn@mp.gov.in

RFP No. MPUVN/KUSUM-A/2020-21/2906

Bhopal, Date : 05/12/2020

Notice Inviting Tender

Madhya Pradesh Urja Vikas Nigam Limited Invites Request for Proposal for Selection of Solar Power Developers (farmers/ Group of farmers/ Cooperatives/ Panchayats/ Farmer Producer Organizations/Water User associations/ Government agricultural institute or other agriculture related institutions/bidding Company/Limited Liability Partnership firm/ Partnership Firm/ Sole Proprietor or Consortium) Through Tender cum Reverse Auction process For setting up of Grid connected Solar PV based Power Plants of capacity 500 KW to 2 MW under PM-KUSUM-A Scheme for sale of power to MPPMCL. For details please visit mprenewable.nic.in and online bid submission can be done at www.bharat-electronictender.com

Managing Director



Madhya Pradesh Urja Vikas Nigam Limited

Invites

Request for Proposal (RFP)

For

Selection of Solar Power Developers

Through

Tender cum Reverse Auction process

For

setting up of Grid connected Solar PV based Power Plants (SPP)

of capacity 500 KW to 2 MW under PM KUSUM Scheme for sale

of power to MPPMCL

RFP No : MPUVN/KUSUM-A/2020-21/2906

Date: 05.12.2020

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: MPUVN/ KUSUM-A/ 2020-21/2906, Date 05.12.2020

Madhya Pradesh Urja Vikas Nigam Limited, invites Bids from the Bidders to participate through this Request for Proposal (RFP) for Selection of Solar Power Developers (farmers/ Group of farmers/ Cooperatives/ Panchayats/ Farmer Producer Organizations (FPO)/ Water User associations (WUA)/ Government agricultural institute or other agriculture related institutions/ bidding Company/Limited Liability Partnership (LLP) firm/ Partnership Firm/ Sole Proprietor or Consortium) for Implementation of 100MW of Grid Connected Solar PV Systems for Sale of Solar Power to MPPMCL under PM KUSUM component A at various locations in the state of Madhya Pradesh, India.

For the implementation of above mentioned work, Bidders should submit their bid proposal along with non-refundable Bid Processing Fee and all requisite documents complete in all respects on or before 23.02.2021 upto 18:00 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 and Bid Security shall be rejected. 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 27.02.2021 at 12:00 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.

**(Deepak Saxena)
Managing Director**

DISCLAIMER

1. Though adequate care has been taken while preparing the RFP document (inclusive of Formats and Annexures), the Bidder shall satisfy themselves that the document is 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 for updated information. Nodal Agency is not obligated to send/ communicate separate notifications for such notices/ amendments/ clarification etc. in the print media or individually. Nodal Agency shall not be responsible and accountable for any consequences to any party.
3. While this RFP has been prepared in good faith, 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 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 the rules or regulations framed under these Acts/ Guidelines.

A. BID INFORMATION SHEET

Document Description	Request for Proposal (RFP) for Selection of Developers for Implementation of 100 MW(AC) Grid Connected Solar based power plants connected to 33/11 kV substation for Sale of Solar Power to MPPMCL at various locations in the state of MP
RFP No. & Date	RFP No: MPUVN/ KUSUM-A/ 2020-21/2906 Date 05.12.2020
RFP Purchase Start Date	08.12.2020 at 12:00
RFP Purchase End Date	23.02.2021 at 18:00
Total Capacity	100 MW (AC) (Capacity may be increase subject to approval from MNRE)
Project Size	Minimum 500 kW and Maximum 2 MW per substation. (Total capacity connected to a single bay in a substation shall not be equal and exceed 5MW)
Tariff ceiling	Feed in Tariff (FIT) for KUSUM as decided by Madhya Pradesh Electricity Regularity Commission (MPERC)
Duration of PPA	25 years from Commercial Operation Date
Minimum CUF	15%on annual basis during the PPA period
Broad Scope	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 each substation at various locations in the state of Madhya Pradesh, India.
Selection Procedure	The bidder shall be selected through reverse auction under book building process. A weighted average tariff (WAT) as per clause 4.6 shall be calculated for the total qualified capacity of the

	<p>individual bidder.</p> <p>Bidder(s) to compete on WAT to remain in the bracket of 100 MW.</p> <p>The detailed procedure is given in the section 4 of this RFP.</p>
Pre-bid Meeting	<p>The first pre-bid meeting shall be hosted on an online platform on 22.12.2020 at 13:00 hours. Interested Bidders may nominate their representatives (upto a maximum of 2) to attend the same. The Bidders should share the following participation details by 20.12.2020 at ceuvn@mp.gov.in and aee2.mpvvn1982@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> <p>A second pre-bid meeting shall be held after the approval of KUSUM A tariff and PPA approval by MPERC.</p> <p>Joining instructions shall be shared 24 hours before the Pre-Bid Meeting.</p>
Last date & Time of Submission of Bid submission (ONLINE only)	23.02.2021 up to 20:00 hours
Last date & Time of Submission of Technical bid (HARD copies of Envelope – 1 only)	24.02.2021 up to 16:00 hours
Bid Opening (Technical)	27.02.2021 at 12:00 hours
Bid Opening (Financial)	09.03.2021 at 16:00 hours (For any modification in date, time and venue for Financial Bid opening shall be updated on our website. Bidders are advised to keep tracking of the same).
Bid Processing Fee (non- refundable)	Bidder shall pay Bid processing Fee of INR 5,000/- (Rupees Five Thousand only) per MW+ GST (18%) i.e. INR 5,900/- per MW (or part thereof of the capacity applied for), through online

	<p>mode at https://www.bharat-electronictender.com.</p> <p>The portal charges will be charged by the tendering portal directly as per following:</p> <ol style="list-style-type: none"> 1. Bidding Fee: Bidder Participation Charges Per - INR 7,000/ per sealed bid + GST (18%) 2. Bidding Fee: Bidder Participation Charges (e-Reverse Auction), if applicable– INR 5,000/- + GST (18%) <p>Any additional charges beyond the Bid Processing Fee shall be borne by the bidder. By paying this fee, a Bidder shall be eligible to Bid for one or more Projects under this RFP.</p> <p>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</p>
Administrative charges	1% of the capex approved by MPERC for this purpose. This charge shall be payable at the time of issue of LOA.
Bid Security	<p>Interested Bidder shall furnish Bid Security of INR 1 lac/ MW for the capacity for which he is submitting the bid. The Bid Security as defined under clause 3.21. Bid Security shall be in form of bank guarantee as per prescribed.</p> <p>Format 4or deposited through RTGS / NEFT transfer to the Nodal Agency's bank accountor Demand Draft or FDR. In case of RTGS / NEFT, the Bidder should ensure that the Bid Security amount is credited in the Nodal Agency's bank account before the Online Bid Submission Deadline. Follow instructions given in clause 3.21 for online submission of Bid Security details.</p> <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 ("BG")	Successful Bidder shall be required to furnish a Performance Bank Guarantee ("PBG") of 5 lac /MW as mentioned in clause4.17 of RFP.
Update on this RFP	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)
Address for Bid submission/ correspondence	To, Chief Engineer, Urja Bhawan Link Road No. 2, Shivaji Nagar, Bhopal – 462016

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;

“**Appropriate Commission**” - Unless otherwise stated, Appropriate Commission shall be the commission of the state where DISCOM is situated; In this 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 individual farmers/ Group of farmers/ Cooperatives/ Panchayats/ Farmer Producer Organizations (FPO)/ Water User associations (WUA)/ Government agricultural institute or other agriculture related institutions/ bidding Company/Limited Liability Partnership (LLP) firm/ Partnership Firm/ Sole Proprietor or Consortium in any form submitting the Bid and is hereinafter also called Renewable Power Generator (RPG). 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 Bidas per clause 3.21;

“**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 further for a period of ninety (90) days with mutual consent of the nodal agency and bidder.;

“**CEA**” shall mean Central Electricity Authority;

“**CERC**” shall mean Central Electricity Regulatory Commission

“**Chartered Accountant**” shall mean a person practicing in India or a firm whereof all the partners practicing in India as a Chartered Accountant(s) within the meaning of the Chartered Accountants Act, 1949;

“**Competent Authority**” shall mean Managing Director of Nodal Agency, himself and/or a person or group of persons nominated by him for the mentioned purpose herein;

“**Completion**” shall mean supply and erection/installation of the Project and demonstration of CUF as per provisions of the PPA;

“**Commissioning**” shall mean demonstration of successful operation of the Grid Connected Project in accordance with prevailing regulations;

“**Commercial Operation Date**” or “**COD**” shall mean the date on which the commissioning certificate is issued upon successful commissioning (as mentioned in Article 1 of f PPA)of the project;

“**Company**” shall mean a body incorporated in India under the Companies Act, 1956 or Companies Act, 2013 including any amendment thereto;

“**Comprehensive Operation and Maintenance**” or “**Comprehensive O&M**” or “**O&M**” shall mean insurance, warranty, spare parts and operation & maintenance of Projects during the term of the PPA;

“**Control**” shall mean with respect to any Entity means more than 51%ownership, directly or indirectly, of such Person or the power to direct the management and policies of such Person by operation of law, contract or otherwise;

“**Day(s)**” shall mean a 24 (twenty-four) hour period beginning at 00:00 hours Indian Standard Time and ending at 23:59:59 hours Indian Standard Time;

“**Delivery point**” shall mean the point at the voltage level of 11kV or above at the 33/11 kV Sub-station. Metering shall be done at this interconnection point where the power is injected into the 33/11 kV Sub-station. For interconnection with grid and metering, the RPG shall abide by the relevant and applicable regulations, Grid Code notified by the State Commission and Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006 as amended and revised from time to time, or orders passed

thereunder by the Appropriate Commission or CEA and Article 7 (metering) of PPA;

All costs and charges including but not limited to line losses and other charges as notified by the appropriate commission up to the point of interconnection (delivery point), if applicable, associated with the evacuation arrangement shall be borne by RPG.

“**DISCOM**” shall mean Madhya Pradesh Poorv Kshetra Vidyut Vitaran Company Ltd., Madhya Pradesh Paschim Kshetra Vidyut Vitran Company Ltd. and Madhya Pradesh Madhya Kshetra Vidyut Vitaran Company Ltd.

“**Effective Date**” shall mean the date as defined in Article 1 of PPA;

“**Eligibility Criteria**” shall mean the Eligibility Criteria as set forth in this RFP;

“**Expiry Period**” Shall mean the date occurring twenty five (25) years from the Commercial Operation Date subject to that the supply of power shall be limited for a period of 25 years from the COD unless extended by the Parties as per this Agreement;

“**Financial Bid**” shall mean online financial Bid, containing the Bidder’s quoted fixed tariff for the entire term of the PPA, with effect from the COD as per format given in the RFP;

“**First Operational Year**” shall mean the period commencing from the Commissioning and expiring at the end of the Calendar Month in which Project completes twelve (12) Months from the COD of PPA Capacity;

“**Government Authority**” means one or more of the GoI, the GoMP, any local government or any other ministry, governmental department, commission, board, body, bureau, agency, authority, instrumentality, inspectorate, statutory corporation or body corporate over which the GoI or the GoMP exercises control, court or other judicial or administrative body or official or Person, having jurisdiction over the SPD, the Unit or any portion thereof and the performance of obligations and exercise of rights of the Parties in accordance with the terms of this Agreement.

“**IEC**” shall mean specifications of International Electro technical Commission;

“**Inspecting Authority**” shall mean the authority designated by the Competent Authority for the said purpose;

“**kW**” shall mean Kilowatt;

“**kWh**” shall mean Kilowatt Hour;

“**Lead Member**” shall mean the member of Bidding Consortium, which is designated as leader of the Consortium by other member to represent them as Bidder for this RFP;

“**LOA**” shall mean Letter of Award issued by the MPUVN to the RPG;

“**MPERC**” shall mean Madhya Pradesh Electricity Regulatory Commission

“**MPPMCL / MP DISCOMs**” shall mean Madhya Pradesh Power Management company and Distribution companies

“**MNRE**” shall mean Ministry of New and Renewable Energy, Government of India;

“**Month(s)**” shall mean a period of 30 days from (and excluding) the date of the event, where applicable, else a calendar month;

“**MW**” shall mean Mega Watt;

“**MWp**” shall mean Mega Watt Peak;

“**Nodal Agency**” shall mean the Madhya Pradesh Urja Vikas Nigam Limited, (MPUVNL) Bhopal;

“**Operational Year(s)**” the First Operational Year and thereafter each period of 12 (twelve) Months till the Expiry Date of PPA;

“**Paid-up Share Capital**” means the paid-up share capital as defined in Section 2 of the Company Act, 2013;

“**Power Producer**” shall mean anyone who has accepted the LOA then, enters into a PPA with the Procurer for supply of solar power and has legal ownership of all the equipment of the Project;

“**Power Purchase Agreement or PPA**” shall mean the agreement to be executed between RPG and the Procurer for the supply of Solar Power from the Project commissioned by the RPG to Procurer;

“**Premise**” shall mean any land, building or structure or part thereof or combination thereof including any other vacant /non vacant area which is part of the Procurer's establishment;

“**Procurer(s)**” shall mean the person or company or organization procuring solar power from the Power Producer at competitively determined tariff under the RFP i.e. MPPMCL;

“**Project(s)**” shall mean the Grid Connected Solar PV Project(s);

“**Project Capacity**” means the capacity of the individual Projects mentioned in this RfP;

“**Project Company**” shall mean Company incorporated by the Bidder as per Indian Laws in accordance with clause 3.13 of this RFP;

“**Qualified Bidder(s)**” shall mean a Bidder who is qualified as per the eligibility requirement pursuant to this RFP and shall be called for e-Reverse Auction process;

“**RFP**” shall mean Request for Proposal (RFP)/Bid document/Tender document and shall include formats and annexures in it;

“**Scheduled Commissioning Date**” or “**SCD**” shall mean 9 months from the effective date as defined in Article 1 of PPA;

“**Statutory Auditor**” shall mean the auditor of a Company appointed under the provisions of the Companies Act, 1956 or Companies Act, 2013 or under the provisions of any other applicable governing law;

“**Successful Bidder(s)**” shall mean the Selected Bidder(s) selected by Nodal Agency pursuant to this RFP for implementation of Project as per the terms and condition of the RFP Documents, and to whom LOA has been issued;

“**Term of PPA**” shall have the meaning ascribed thereto in article 2 of PPA;

“**Year**” shall mean 365 Days or 366 Days in case of leap year when February is of 29 Days;

C. INTERPRETATIONS

1. Words comprising the singular shall include the plural & vice versa
2. An applicable law shall be construed as reference to such applicable law including its amendments or re-enactments from time to time.
3. A time of day shall save as otherwise provided in any agreement or document be construed as a reference to Indian Standard Time.
4. Different parts of this contract are to be taken as mutually explanatory and supplementary to each other and, if there is any differentiation between or among the parts of this contract, they shall be interpreted in a harmonious manner so as to give effect to each part.

SECTION-I: INTRODUCTION

1. INTRODUCTION:

- 1.1 In reference to the KUSUM guidelines, Madhya Pradesh Urja Vikas Nigam Limited (MPUVN) on behalf of MPPMCL hereby invites the proposals against the RFP from interested bidders for development of solar power plants (SPP) of capacity between 500 kW and 2 MW and the plant shall be preferably installed within five (5) km radius of substations provided in Annexure 1 and as amended from time to time . The power should be delivered at delivery point as defined in the RFP. The total capacity to be allotted under this RFP is 100 MW (AC). However the capacity may be increase subject to approval from MNRE.
- 1.2 Such plants near sub-stations may be primarily developed by utilizing barren and uncultivable land.
- 1.3 The power generated from such SPP's shall be sold to MPPMCL.
- 1.4 The Bidder is advised to read carefully all instructions and conditions of this RFP and understand the scope of work completely. All information and documents required as per the RFP must be furnished with the bid. Nodal Agency reserves the right to seek clarifications on submitted bids. Failure to provide the information and/or documents as required shall render the Bid(s) unacceptable for further evaluation and may lead to rejection of the bid(s). All Bidders qualifying the technical stage shall be treated at par. Financial Bid of the Bidder(s) qualifying at technical stage only shall be opened.
- 1.5 Bidder shall be deemed to have examined the RFP, to have obtained information in all matters whatsoever that might affect carrying out of works in line with the scope of work specified in the RFP at the Bid price and to have satisfied himself of the sufficiency of his Bid. The Bidder shall be deemed to know the scope, nature and magnitude of the works and requirement of materials, equipment, tools and labour involved, wage structures and as to what all works Power Producer shall have to be complete in accordance with the RFP, irrespective of any defects, omissions or errors that may be found in RFP. It is assumed that Bidder has satisfied himself with the site conditions at the Premises of Procurer and has assessed the quantum of work required to comply with the RFP and PPA conditions.

SECTION-II: BID DETAILS

2. BID DETAILS:

- 2.1 The bidding process is for Implementation of 100 MW capacity of Grid Connected Solar based power projects (SPPs) of project sizes between 500 kW to 2 MW for Sale of Solar Power to MPPMCL at various locations in the state of Madhya Pradesh, India at the delivery point in each sub-station. The above capacity may be increase subject to approval from MNRE.
- 2.2 Eligible applicants are the bidder as defined under this RFP. In the event individual farmers/ group of farmers/ cooperatives/ panchayats/ Farmer Producer Organizations (FPO)/Water User associations (WUA)/ Government agricultural institute or other agriculture related institutions, RPG are not able to arrange equity required for setting up the SPP, they can opt for developing the SPP through developer(s) hereinafter also referred to as RPG. A list of the farmers interested in giving their land is available on MPUVN website and <https://cmsolarpump.mp.gov.in/KusumA/KusumAHome>. To access the link, after registration on ETS portal, bidder has to send an email to MPUVN with the proof of registration and email-ID. MPUVN will share the user id and password to bidder after verification of the registration. RPG's shall either select the land from the list or they can arrange the other land preferably within the 5 kms radius from the substations provided in Annexure1 and as amended from time to time.
- 2.3 An applicant will not be allowed to apply for more than one solar power plant for a particular 33/11 kV sub-station. The Bid of an applicant will also be disqualified if it is found that its proprietor/partner/director/member or any of its affiliate has also filed application for another RPG for the same sub-station.
- 2.4 Bidder should ensure compliance to the MNRE's Approved List of Models and Manufacturers (ALMM) guidelines and use modules from the manufacturers from the operational zed list.
- 2.5 A list of substations along with the estimated available capacity has been attached as Annexure 1 and as amended from time to time. The bidders are advised to undertake their own due diligence before submitting of the bids.

2.6 Key Dates

S. No.	Nodal Agency Stage	Date	Time (Hrs.)
1.	Purchase of RFP Start Date	08.12.2020	12:00

S. No.	Nodal Agency Stage	Date	Time (Hrs.)
2.	First Pre-Bid Meeting	22.12.2020	13:00
3.	Second Pre- Bid Meeting	After the approval of KUSUM-A tariff and PPA by MPERC	
3.	Purchase of RFP End Date	23.02.2021	18:00
4.	Bid Submission End Date	23.02.2021	20:00
5.	Mandatory Submission Hard Copy of Bid (except Financial Bid)	24.02.2021	16:00
6.	Technical Bid & Bid Security Opening Date	27.02.2021	12:00
7.	Financial Bid Opening Date	09.03.2021	16:00

2.7 Connectivity with the sub-station and delivery point:

- a) SPP of capacity between 500kW and up to 2 MW (inclusive of both capacity) may be connected at 11 kV or above of a 33/11 kV substation and the selected RPG will be responsible for laying of dedicated 11 kV line, getting ROW clearance from SPP to interconnecting sub-station, construction of bay and related switchgear at interconnecting sub-station where the plant is connected to the grid and metering is done at his own cost as per MPERC regulations/ applicable discom utility practices/ CEA standards and Article 7 (metering) of PPA. The DISCOM shall facilitate the RPG in getting right of way for laying of 11 kV line. Alternatively, RPG can get the 11 kV lines constructed through DISCOM by paying the applicable cost and other charges. RPG will be responsible for maintaining this dedicated 11 kV line. In case more than one bidder(s) are awarded projects to be connected to same Sub-station, they shall co-ordinate with each other for setting up common transmission line/ infrastructure for feeding to Sub-Station including construction of bay and related switchgear at the substation, if they so desire and with the approval of DISCOM.
- b) In the event the bay and related switchgear is already available at the interconnecting substation then the associated cost as communicated by the DISCOM has to be reimbursed by the RPG/ (s) to the DISCOM.

SECTION-III: INSTRUCTIONS TO THE BIDDER

3. INSTRUCTIONS TO THE BIDDER:

- 3.1 The total substation wise capacities in this tender is listed in Annexure 1, which may be amended not later than 15 days prior to bid submission date. Bidders can place only one bid for one substation, However, the bidder may submit the bid for multiple substations by paying the Bid processing fee once at <https://www.bharat-electronictender.com>
- 3.2 Bidder shall meet the Eligibility Criteria. In case of consortium, the consortium members may jointly meet the Eligibility Criteria.
- 3.3 Further, Bidder must note that for evaluation of qualification against Financial Eligibility Criteria, following conditions shall be applicable:
- a) Bidder shall establish net-worth as required under this RFP.
 - b) In-case Bidder/Lead Member of Consortium has referred its Affiliate to meet the Financial Eligibility criteria, then the same relationship with the Affiliate by the Bidder shall continue at least for the period of First Operational Year. Further, Affiliate of Bidder and member of Consortium shall furnish information as sought in FORMAT 9 and FORMAT 12.
- 3.4 A Bidder shall not have a conflict of interest. Bidder(s) shall be disqualified in the SPP(s) where it has conflict of interest. In a particular SPP, the Bidder may be considered to have conflict of interest with one or more parties in this bidding process, if:
- a) A Bidder submits more than one Bid for a substation in the bidding process, either individually [including bid submitted as authorised representative on behalf of one or more Bidder(s)] or as Member of consortium.
 - b) They have a relationship with each other, directly or through common third parties, that puts them in position to have access to information about or influence on the Bid of another Bidder or influence the decisions of Nodal Agency regarding this bidding process.
- 3.5 Nodal Agency have rights to annul/cancel the Bid of Bidders who will take any assistance or support in any form from any of the independent consultant or consulting agency who is directly associated with Nodal Agency during preparation of RFP and PPA.

3.6 Instruction to Bidders on E-Tendering

- a) For participation in e-tendering module, it is mandatory for Bidders to get registration on website <https://www.bharat-electronictender.com>. Therefore, it is advised to all Bidders to get register at the E-Procurement portal at the earliest.
- b) Tender documents can be downloaded from website <https://www.bharat-electronictender.com>. In case of any difficulty, bidder may contact Mr. Rakesh at Mobile No. 9717038132 of [bharatelectronictender.com](https://www.bharatelectronictender.com) for further details.
- c) Service and gateway charges shall be borne by the Bidders.
- d) Upon enrolment, the Bidders will be required to register their valid Digital Signature Certificate (DSC) of appropriate class as specified for the E-Procurement system (in the name of person who will sign the proposal) in the form of smart card/e-token, from any of the licensed Certifying Authority recognized by CCA India (e.g. Sify/nCode/eMudhra, etc).
- e) For further information regarding issue of Digital Signature Certificate, the Bidders are requested to visit website <https://www.bharat-electronictender.com>. Please note that it may take up to 3 to 5 working Days for issue of Digital Signature Certificate. Nodal Agency will not be responsible for delay in issue of Digital Signature Certificate.
- f) The Browser should be Java enabled. Java Runtime Environment (JRE) should be installed in the client system. This can be downloaded from the download links of the e-Procurement System.
- g) If Bidder is participating for the first time in e- tendering, then it is advised to fulfil all formalities, such as registration, obtaining Digital Signature Certificate, etc. well in advance.
- h) Bidders are requested to regularly visit our e-tendering website for any clarification and / or extension of due date.
- i) Bidder must positively complete online e-tendering procedure <https://www.bharat-electronictender.com>.
- j) Nodal Agency shall not be responsible in any way for delay /difficulties /inaccessibility of the downloading facility from the website for any reason whatever.
- k) Whosoever on behalf of the Bidder is submitting the tender by his Digital Signature Certificate, shall invariably upload the scanned copy of the authority letter, as well as submit the copy of the same in physical form with the offer of

particular Bid.

- l) The Bid Security / EMD should not be paid online. On the “EMD exemption” page:
 - i. Bidders will receive a prompt stating “Are you submitting EMD through BG/ST or Exempted from EMD payment: Yes/No”; select “Yes”
 - ii. Bidders will receive a prompt stating “If yes, provide the exemption type: Percentage/Amount”; select “Percentage”.
 - iii. In the “Percentage/Amount” field, fill in “100”.
 - iv. Then upload the scanned copy of Bank Guarantee or proof of payment through RTGS under the “Upload EMD exemption document” heading.
- m) After the final submission of bid, Bidder should ensure that he has received the acknowledgment slip and should keep this slip until opening of the Bid. If acknowledgment slip is not generated, it means the Bid is not submitted.

3.7 The Bidders shall have to submit their Financial Bid and other required relevant documents/ certificates, if any, online only (duly encrypted bids) as per time schedule (Key dates) as mentioned in Clause 2.6. Technical Bid containing original (downloaded) RFP, relevant document/ certificates etc. duly sealed and signed and Bid Security should reach to the office undersigned by the Key Dates.

3.8 For any type of clarification, Bidders can visit <https://www.bharat-electronictender.com> and can call at help desk contact no. From Monday to Friday between 10:00 AM and 6:00 PM (except Government Holidays/ Attached List of Holidays). ETS Support Email Id issupport@isn-ets.com. Customer Support Escalation Mobile No. is +91-8287663763. All these contacts are given on the Portal also.

3.9 Bidder (s) may opt for training directly from the tendering portal at their own cost.

3.10 Mode of Development

- a) **Self-development mode:** Under this mode, eligible bidders i.e. individual farmers/ group of farmers/ cooperatives/ panchayats/ Farmer Producer Organisations (FPO)/Water User associations (WUA)/ Government agricultural institute or other agriculture related institutions can develop the SPP on their own land with their own investment.
- b) **Developer mode:** If the above bidders are unable to arrange the

capital/investment for the SPP, they may opt for Leasing of his land for setting up of SPP. Such landowners can register their land with MPUVN.

In case of development of SPP through developer mode, the landowner will get lease rent as mutually agreed between the parties. The lease rent may be in terms of Rs per year per acre of land or in terms of Rs per unit energy generated per acre of land area. A model Land Lease Agreement has been attached as an annexure X in this document to facilitate the beneficiaries. However, the terms of Land Lease Agreement may be finalised on mutual consent of concerned parties. Since this a bipartite agreement MPUVN is not a party to the lease rent agreement.

3.11 ELIGIBILITY CRITERIA

3.11.1 GENERAL

- a) **Self-Development Mode:** Eligible applicants (hereinafter called Solar Power Generator (RPG)) could be
- individual farmers
 - Group of farmers
 - Cooperatives
 - Panchayats
 - Farmer Producer Organizations (FPO)
 - Water User associations (WUA)
 - Government agricultural institute or other agriculture related institutions.

Or

- b) **Project Developer (Under Developer mode):** The developer should be a body corporate incorporated in India under the Companies Act, 1956 or 2013 including any amendment thereto or a Partnership Firm having executed partnership deed and registered as per sections 58 & 59 of the Partnership Act, 1932, as amended or a Limited Liability Partnership Firm (LLP) registered under section 12 of Limited Liability Partnership Act, 2008, as amended or registered Sole Proprietor. A copy of certificate of incorporation, partnership deed or LLP/ Sole Proprietor registration, as applicable and relevant, shall be enclosed with FORMAT 2.

3.11.2 Bidder may choose to start the process of farming a SPV at bid stage itself. However, for participation in bid, formation of a SPV is not required. In case a Bidder selected as a Successful Bidder, it can choose to incorporate a Project

Company. In case a Bidder is a consortium, it would be mandatory to incorporate a Project Company to sign the PPA; the said Project Company has to be formed within twenty (20) days from the issuance of LOA Further, Bidder shall be responsible to get all required clearances in the name of the Project Company, and transfer already obtained clearances, if any.

3.11.3 Bidder or any member of Consortium having been blacklisted 5 years prior to bid submission date by Nodal Agency or by any Govt./PSU, for whatever reasons, shall not be eligible/ allowed to participate in this RFP.

3.11.4 The Members of the Consortium shall nominate a Lead Member. Such nomination shall be supported by a power of attorney signed by all the Members of Consortium (and duly acknowledged by the Lead Member) and shall substantially be in the form set out annexure 7.

3.11.5 The Lead Member shall have the authority to represent all the Members of the Consortium during the Bid Process.

3.11.6 In a situation, where a consortium that is selected as a Successful Bidder, decides not to form a project company, the Lead Member would be responsible for all the correspondence and documentation.

3.11.7 Bidder must meet Eligibility Criteria either independently or as consortium of maximum two members. In case Bidder is a Consortium, a consortium agreement as per Annexure-23 shall be required to be furnished along with the Bid.

3.11.8 FINANCIAL ELIGIBILITY CRITERIA:

1. **Self-development mode** - For Individual farmers or Group of farmers or farmers setting up a project on leased land or farmer setting up a project as part of consortium or Cooperatives or panchayats or Farmer Producer Organizations (FPO) or Water User associations (WUA) or farmers setting up SPP in their own lands or Government agricultural institute or other agriculture related institutions, No financial eligibility requirement is needed.

2. **For Project Developers (Under developer mode):-**

- a) Net-Worth of the developer should not be less than Rs. 1.00 Crore per MW (of the capacity applied).
- b) Sufficient liquidity to manage the fund requirements for the Project, which shall be assessed through average annual turnover of the 2 financial years

i.e. FY 19 and FY 20 of at least Rs. 2.00 Crore per MW (of the capacity applied)

Note: In case an applicant is applying for capacity at multiple substations, the eligibility criteria requirement shall add up. For ex: If an applicant who is a developer applies for 1 MW each at 3 different substations, it has to demonstrate net worth of Rs. 3 Crore and Annual turnover of Rs. 6 Crore.

In case of Consortium, Net worth can be fulfilled jointly by the member of consortium.

3.11.9 The Computation of Net worth shall be based on consolidated/ unconsolidated audited annual accounts of FY 20. The formula of calculation of net-worth shall be as per Companies Act 2013.

3.11.10 In relation to a Partnership Firm/ Limited Liability Partnership Firm, the Net-worth shall be equal to Partner's Capital in case of a Partnership Firm/ Limited Liability Partnership Firm and Proprietor's Capital Account in case of Sole Proprietor (including any reserves). The net worth shown should not be older than one year from the bid submission date.

Note:

1. All requisite documents, such as balance sheet, P&L account, schedules etc., duly certified by a Chartered Accountant (CA), clearly mentioning the UDIN number etc, and the Bidder, in support of Bidder claim for meeting the financial eligibility criteria shall require to be submitted.
2. It is essential to submit financial eligibility criteria requirement and undertaking form as attached in FORMAT 8 and FORMAT 10 of this RFP document.
 - a) For the purposes of meeting financial requirements, only latest unconsolidated audited annual accounts shall be used. However, audited consolidated annual accounts of the Bidder may be used for the purpose of financial requirements provided the Bidder has at least twenty six percent (26%) equity in each company whose accounts are merged in the audited consolidated accounts.
 - b) Bidder shall furnish documentary evidence as per the FORMAT 9, duly certified by Authorized Signatory and the Statutory Auditor / Practicing Chartered Accountant of the Bidder in support of their financial capability".
 - c) Bidder can use the financial strength of its Affiliate to fulfil the Financial Eligibility Criteria mentioned in RFP.

- d) In case of Consortium, Financial Eligibility Criteria has to be met either individually by Lead Member and/or its Affiliate or jointly by the consortium members.
- e) Bidders shall have to give a declaration to the effect that they fulfil the terms and conditions of eligibility. If the declaration to above effect is found to be false, the eligibility would be considered null and void.

3.12 CHECK-LIST:

- a) To ensure that the online and hard copy submission of RFP is complete in all respects, check-lists for Envelope- I and Envelope- II are required to be duly tick marked/filled for the enclosures which are attached with the RFP document. The main envelope should only contain Envelope-I and Envelop-II in sealed condition. The requisite documents required are indicated in the check-lists. It is essential for the Bidders to submit check-lists duly sealed and signed with its corresponding envelope. However, this Check-List is indicative and Bidder shall be responsible for meeting all information requirement as per provisions of this RFP.

3.13 INCORPORATION OF A PROJECT COMPANY:

- a) In case a Bidder is selected as a Successful Bidder, it can choose to incorporate a Project Company. In case a Bidder is a consortium, it would be mandatory to incorporate a Project Company to sign the PPA; the said Project Company has to be formed within twenty (20) days from the issuance of LOA Further, Bidder shall be responsible to get all required clearances in the name of the Project Company, and transfer already obtained clearances, if any.
- b) The aggregate equity shareholding of the Successful Bidder in the issued and paid up share capital, and the voting rights of the Project Company shall not be less than fifty one percent (51%) up to a period of one (1) Operational Year.
- c) Further, any member of the consortium or Partner in a Partnership firm or an LLP, shall maintain individual equity in newly formed Company of, at least, 51% of its share in the bidding consortium or in the partnership deed, as the case may be, submitted along with the Bid, up to a period of one (1) Operational Year.
- d) The Affiliate of a Successful Bidder or in case of a Consortium, its member, whose financial credentials have been relied upon by the Successful Bidder to

demonstrate Financial Eligibility, is also permitted to execute the PPA by itself or by forming an SPV, as the case may be. In such cases, all the obligations and liabilities of the Successful Bidder as set out in the Bid Documents shall apply to the Affiliate.

- e) In the event that the Successful Bidder, which is a single Entity, chooses not to incorporate any Project Company, then the shareholders of the Successful Bidder, as on the date of submission of the Bid, shall not decrease their ownership below 51% until the expiry of a period of 1 (one) year from the COD. If the successful bidder forms a Project Company (SPV), the shareholders of the Successful Bidder, as on the date of submission of the Bid, shall continue to hold up to 51% of the total ownership of the Project Company (SPV), from the date of incorporation of SPV until the expiry of 1 (one) year from Project Commissioning (COD).
- f) Any change in ownership and liabilities shall be in accordance with Article 15 of the PPA.

3.14 BID SUBMISSION BY THE BIDDER:

- a) The information and/or documents shall be submitted by the Bidder as per the formats specified in this document.
- b) Bid(s) that are incomplete in any respect or those that are not consistent with the requirements as specified in this RFP or those that do not adhere to formats prescribed herein, wherever specified, may be considered non-responsive. However, Nodal Agency reserves the right to seek additional information/clarifications from the Bidders, if found necessary, during the course of evaluation / processing of the Bid(s). Non-submission or delayed submission of such additional information or clarifications sought by Nodal Agency may be a ground for rejecting the Bid(s).
- c) Each format has to be duly signed and stamped by the authorized signatory of the Bidder. In case of a Consortium, it has to be signed by representative of the Lead Bidder. Strict adherence to the documents required to be submitted in Envelope – I, as per clause 3.16 shall be ensured, failure on this account may lead to rejection of Bid.
- d) The Bidder shall furnish documentary evidence in support of meeting eligibility criteria as indicated in this RFP to the satisfaction of Nodal Agency and shall also furnish unconsolidated/ consolidated audited annual accounts in support of

meeting financial requirement, which shall consist of unabridged annual accounts, profit and loss account, profit appropriation account, auditor's report, etc., as the case may be.

- e) The Bidding Company should designate one person to represent the Bidding Company in its dealings with Nodal Agency. The person should be authorized to perform all tasks including, but not limited to providing information, responding to enquires, signing of Bid etc. The Bidding Company should submit, along with Bid, a Power of Attorney in original as per FORMAT 7, authorizing the signatory of the Bid.

3.15 CLARIFICATIONS AND PRE-BID MEETING:

- a) The Bidder may seek clarifications or request amendments to RFP in writing, through a letter (and also soft copy by e-mail) to reach Nodal Agency at the address, date and time mentioned in Bid Information Sheet.
- b) The Bidder(s) or their authorized representative(s) is /are invited to attend pre-bid meeting(s), which will take place on date(s) as specified in Bid information Sheet, or any such other date as notified by Nodal Agency.
- c) The purpose of the pre-bid meeting will be to clarify any issues regarding the RFP including in particular, issues raised in writing and submitted by the Bidder.
- d) Nodal Agency is not under any obligation to entertain/ respond to suggestions made or to incorporate modifications sought for.

3.16 BID DOCUMENTS:

BID FORMATS: The Bid in response to this RFP shall be submitted by the Bidder in the manner provided in the RFP. The Bid shall comprise of the following:

- a) **ENVELOPE- I (COVERING LETTER, BID PROCESSING FEE, BID SECURITY):**The following documents are to be submitted in physical form (hard copy) and the scanned self-attested copies have to be uploaded online in the appropriate cover folder on the portal:
- Covering Letter as per prescribed FORMAT 1
 - Proof of Bid Processing Fee
 - Bid Security of required value as mentioned in Clause3.21, and Format 4;

b) **ENVELOP- II TECHNICAL DOCUMENTS:** The following documents are to be submitted in physical form (hard copy) and the scanned self-attested copies of the following documents have to be uploaded online in the appropriate cover folder on the portal:

- Original power of attorney (on the stamp value of Rs.1000/-, as per FORMAT 7) issued by the Bidder in favour of the authorized person signing the Bid, in the form prescribed in this RFP (Power of Attorney must be supplemented by Board Resolution to above effect for the company incorporated under Company Act 1956 or Company Act-2013).
- General particulars of Bidder as per Format 2 of this RFP, including Certificate of Incorporation of Bidder/ Affiliate as applicable.
- Bidder's composition and ownership structure as per prescribed Format 3 as shareholding certificate for a Company/Partner contribution for an LLP certified by Director/practicing Chartered Accountant/Company Secretary and authorised signatory of the Bidder (as applicable).
- Format 8 for meeting Financial Eligibility Requirements along with all supporting documents.
- Format 9, if applicable, supported by Board Resolution of the Affiliate.
- Undertaking(s) from the member of Consortium or Affiliate of Bidder/ member of Consortium as per FORMAT 10, as applicable.
- Format 12 for Consortium Agreement, if applicable.
- Format 13 Power of Attorney in favor of lead member of consortium.
- Format 14 on Declaration for submission of Bid.
- Signed and stamped Copy of RFP including amendments & clarifications by authorised signatory of Company on each page.
- Signed and stamped copy of minutes of pre-bid meeting.

3.17 METHOD OF BID SUBMISSION

a) Bidders are required to submit technical bid, along with all relevant documents as detailed in Clause 3.16 above, in respective envelopes sealed under a single cover envelope. They shall be submitted in physical form on or before the Bid Deadline:-

- (i) Envelope-I (Covering letter, Bid Processing Fee and Bid Security)
 - (ii) Envelope-II (Financial eligibility documents)
- b) Additionally, the Bidders shall be required to submit scanned copies of following documents online:
- i. Bid Security;
 - ii. Proof of Bid Processing Fee;
- c) **Financial Bid shall be submitted only through online mode with due encryption.**
- i. The Bidder has the option of sending technical bid (Envelope I & Envelop II) either by registered post or by speed post or by hand delivery, so as to reach Nodal Agency by the Bid Deadline. Nodal Agency shall not be responsible for any delay in receipt of the technical bid (Envelope I & Envelop II). It should be noted that except online Financial Bid, no other envelope/document should contain any information/document relating to Financial Bid. Nodal Agency shall not be responsible for premature opening of the Financial Bid in case of non-compliance of above.
 - ii. All pages of the Bid, except for the Bid Security, and any other document executed on non-judicial stamp paper, forming part of the Bid and corrections in the Bid, if any, must be signed by the authorized signatory on behalf of the Bidder. In case of a Consortium, it has to be signed by representative of the Lead Bidder. It is clarified that the same authorized signatory shall sign all pages of the Bid. Further, any published document submitted with the Bid shall be signed by the authorized signatory. Bidder shall submit the Bid in original, duly signed by their authorized signatory of the Bidder.

3.18 BID DEADLINE:

- a) The Bidder should submit the online Bid on or before the time schedule mentioned in Bid Information Sheet.

3.19 VALIDITY OF BID:

- a) The bid shall remain valid for a period of one hundred and eighty (180) Days from the date of bid deadline and will be called the Bid Rate Validity Period for this tender. In case, Successful Bidder is revoking or cancelling his offer or

varying any term & conditions in regard thereof or not accepting Letter of Award (“LOA”), Nodal Agency shall forfeit the Bid Security furnished by the Bidder. The date of issuance of LOA shall be intimated by the Nodal Agency to the Successful Bidder. In exceptional circumstances if LOA is not issued to the Successful Bidder(s), the Nodal Agency may solicit the Bidder’s consent to an extension of the period of Bid Validity Period by 90 days. In such circumstances, the Bid Security provided shall also be suitably extended.

3.20 COST OF BIDDING:

- a) The Bidder shall bear all the costs associated with the preparation and submission of his offer, Nodal Agency in any case will not be responsible or liable for these costs, under any conditions. The Bidder shall not be entitled to claim any costs, charges and expenses of and incidental to or incurred by him through or in connection with submission of Bid even though Nodal Agency may elect to modify/withdraw the invitation of Bid.

3.21 BID SECURITY:

3.21.1 Interested bidders are required to submit an EMD of INR1 lakhs per MW or part thereof of the capacity applied for each project separately as per the following:

3.21.2 Bidders placing Bid for more than one Project shall furnish individual Bid Security desired for each Project or for the combined capacity as they may choose.

3.21.3 The Bid Security shall be payable through:

Demand Draft drawn in favour of Madhya Pradesh Urja Vikas Nigam Limited,
Payable at Bhopal

OR

FDR in favour of Madhya Pradesh Urja Vikas Nigam Limited

OR

RTGS fund transfer to the Nodal Agency’s bank account

OR

Bank guarantee as per prescribed format (Format 4)

3.21.4 Confirmation of BG through Structured Financial Messaging System (SFMS) / SWIFT while issuing the physical BG, the Bidder’s Bank shall also send electronic message to Nodal Agency’s Bank whose details are given below through secure -

SFMS (in case of BGs issued from within India)

OR

SWIFT (in case of BGs issued from outside India)

Account Holder Name	M. P. Urja Vikas Nigam Ltd.
Bank Name	ICICI Bank Ltd.
Bank Branch Address	Shivaji Nagar, Bhopal
Account No.	656501700049
IFSC Code	ICIC0006565
MICR Code	462229012

3.21.5 Desired Bid Security shall be furnished by every Bidder including MSMEs or any Govt./ semi Govt./ PSU organizations/ agencies. The initial validity of Bid Security shall be for a period of One hundred and eighty (180) Days from the Bid Deadline, which shall be extended by the Bidder on the advice of Nodal Agency, if required, at any time during Bid Validity Period but at least fifteen (15) Days prior to end of Bid Validity Period.

3.21.6 Bid Security shall be returned to all other Bidders except Successful Bidder, within fifteen (15)Days from date of submission of PBG by the Successful Bidders or within three (3) Months of e-Reverse Auction date, whichever is earlier. The Bid Security of the Successful Bidder will be returned after submission of PBG.

3.21.7 The Bidder should ensure that:

- a) Bid Security is denominated in Indian Rupees
- b) Bid Security should be confirmed for payment to Nodal Agency by respective banks.
- c) MP Urja Vikas Nigam Limited (MPUVNL) (for RTGS/ NEFT).
- d) Bid Security shall be submitted in its original form; and copies will not be accepted

3.21.8 The Bid Security shall be forfeited without prejudice to the Bidder being liable for any further consequential loss or damage incurred to Nodal Agency under following circumstances:

- a) If a Bidder withdraws/revokes or cancels or unilaterally varies his Bid in any

manner during the Bid Validity Period specified in the RFP document.

- b) If Successful Bidder fails to accept the LOA or submits the PBG of needful value in the stipulated time.
- c) If Successful Bidder fails to sign the PPA within the indicated time unless there is default from procurer.

3.22 OPENING OF BID - Online:

Technical bid (Envelope I and Envelope II) of the Bidder shall be opened at the time mentioned in Key Dates at the venue indicated in this RFP.

3.23 RIGHT TO WITHDRAW THE RFP AND TO REJECT ANY BID:

- a) This RFP may be withdrawn or cancelled by the Nodal Agency at any time without assigning any reasons thereof. The Nodal Agency further reserves the right, at its complete discretion, to reject any or all of the Bids without assigning any reasons whatsoever and without incurring any liability on any account.
- b) The Nodal Agency reserve the right to interpret the Bid submitted by the Bidder in accordance with the provisions of the RFP and make its own judgment regarding the interpretation of the same. In this regard the Nodal Agency shall have no liability towards any Bidder and no Bidder shall have any recourse to the Nodal Agency with respect to the selection process.
- c) Bid(s) that are incomplete in any respect or those that are not consistent with the requirements as specified in this RFP or those that do not adhere to formats prescribed herein, wherever specified, may be considered non-responsive. However, Nodal Agency reserves the right to seek additional information/clarifications from the Bidders, if found necessary, during the course of evaluation / processing of the Bid(s). Non-submission or delayed submission of such additional information or clarifications sought by Nodal Agency may be a ground for rejecting the Bid(s). Strict adherence to the documents required to be submitted in Envelope – I, as per Section VI shall be ensured, failure on this account may lead to rejection of Bid.
- d) Nodal Agency reserves its right to vary, modify, revise, amend or change any of the terms and conditions of the RFP before Bid Deadline. The decision regarding acceptance of Bid by Nodal Agency will be full and final.

3.24 ZERO DEVIATION:

- a) Bidder is to ensure compliance of all provisions of the RFP and submit their

Bid accordingly. Bid with any deviation to the RFP conditions shall be liable for rejection without any explanation.

3.25 EXAMINATION OF BID DOCUMENT:

- a) Before submission of Bid, Bidder is required to carefully examine the technical specification, terms and conditions of RFP/ Agreement, and other details relating to envisaged work as per the RFP.
- b) The Bidder shall be deemed to have examined the RFP and Agreement, to have obtained information on all matters whatsoever that might affect the execution of the Project activity and to have satisfied himself as to the adequacy of his Bid. The Bidder shall be deemed to have known the full scope, nature and magnitude of the work and related supplies and the requirements of material and labour involved etc. and as to all supplies he has to complete in accordance with the RFP.
- c) Bidder is advised to submit the Bid on the basis of conditions stipulated in the RFP. Bidder's standard terms and conditions, if any for what-so-ever reasons, will not be considered. The cancellation / alteration / amendment / modification in RFP shall not be accepted by Nodal Agency and shall invite rejection of such Bid(s).
- d) Bid not submitted as per the instructions to Bidder is liable to be rejected. Bid shall confirm in all respects with requirements and conditions referred in this RFP or its amendments, if any.

3.26 CHANGE IN LAW

- a) Change in Law shall have the meaning ascribed thereto in Article 12 of the PPA

3.27 TAXES AND DUTIES:

- a) The Financial Bid should include all taxes and duties etc., if any. Power Producer shall be entirely responsible for all taxes, duties, license fees, etc. All taxes shall be payable by the Power Producer. However, if any new change in tax/duty and cess is effected in the period after the Financial Bid Submission Deadline the same shall be dealt in accordance with Article 12 of the PPA.

3.28 PROGRESS REPORT:

- a) Power Producer shall have to commission the Project within nine (9) Months

from the effective date. The Power Producer shall submit monthly progress report to Nodal Agency in the prescribed proforma to be designed in discussion with Nodal Agency till the COD. Nodal Agency shall have the right to depute his/their representatives to ascertain the progress at the premises of work of the Power Producer.

3.29 FORCE MAJEURE:

- a) For purpose of this RFP, force majeure shall mean an event beyond the control of the Power Producer and not involving his fault or negligence and not foreseeable, in its contractual capacity. Such events may include but are not restricted to Acts of God, wars or revolutions, fires, floods, epidemics, quarantine restriction, fright embargoes, site clearance etc. Whether a force majeure situation exists or not, shall be decided by Nodal Agency and its decision shall be final and binding on the Power Producer and all other concerned.
- b) In the event that the Power Producer is not able to perform his obligations under this Agreement on account of force majeure, he will be relieved of his obligations during the force majeure period.
- c) If a force majeure situation arises, the Power Producer shall promptly notify Nodal Agency and Power Procurer both in writing, not later than three (3) Days from the date such situation arises (in case, communication is not possible to Nodal Agency, Power Producer shall notify Nodal Agency not later than one (1) Days from the day when communication system will be restored). The Power Producer shall notify Nodal Agency and Power Procurer not later than three (3) Days of cessation of force majeure conditions. After examining the cases and associated facts, Nodal Agency shall decide and grant suitable additional time for the completion of the work, if required.
- d) Failure of such Power Producer in timely intimating Nodal Agency will suspend its right for any relief otherwise eligible under such force majeure conditions.

3.30 APPLICABLE LAW:

- a) The Agreement shall be interpreted in accordance with the laws of India.

3.31 SETTLEMENT OF DISPUTE:

- a) If any dispute of any kind whatsoever arises between Nodal Agency and the Power Producer in connection with or arising out of the Agreement including without prejudice to the generality of the foregoing, any question regarding

the existence, validity or termination, the parties shall seek to resolve any such dispute or difference by mutual consent.

- b) If the parties fail to resolve, such a dispute or difference by mutual consent, within forty five (45) Days of its arising, then the dispute shall be referred by either party by giving notice to the other party in writing of its intention to refer to arbitration conducted under the provisions of the "Madhya Pradesh Madhyastham Adhikaran Adhiniyam, 1983". The decision of MP Madhyastha Adhikaran Adhiniyam shall be final and binding up on the parties. The language of the arbitration proceedings and that of the documents and communications between the parties shall be English. All the dispute will be settled in the High Court of MP. No arbitration proceedings will commence unless such notice is given.
- c) Notwithstanding any reference to the arbitration herein, the parties shall continue to perform their respective obligations under the Agreement unless they otherwise agree.
- d) Cost of arbitration shall be borne as per the award of the arbitration.

3.32 LANGUAGE:

- a) All documents, drawings, instructions, design data, calculations, operation, maintenance and safety manuals, reports, labels and any other data shall be in Hindi/ English Language. The Agreement and all correspondence between the Nodal Agency and the Bidder shall be in Hindi/ English language.

3.33 AMENDMENT:

- a) Nodal Agency reserves the right to modify, amend or supplement RFP documents including all formats and annexures at any time. Bidder are advised to follow and keep track of Nodal Agency website for updated information till the selection of Bidder. No separate notifications will be issued for such notices/ amendments/ clarification etc. in the print media or individually. Nodal Agency shall not be responsible and accountable for any consequences to any party.

3.34 SEVERABILITY:

- a) It is stated that each paragraph, clause, sub-clause, schedule or annexure of this contract shall be deemed severable, and, in the event of the

unenforceability of any paragraph, clause sub-clause, schedule or the remaining part of the paragraph, clause, sub-clause, schedule annexure & rest of the contract shall continue to be in full force and effect.

3.35 PRICE PREFERENCE:

- a) There is no relaxation in terms of any conditions of the RFP or Processing Fee or Bid Security or PBG or BG for any private company or State or Central company/agency.

3.36 TAX EXEMPTIONS:

- a) Nodal Agency will extend possible cooperation to Power Producer in availing any tax exemptions. However, the responsibility of availing any such exemptions, if any, would rest with the Power Producer.

3.37 FRAUD AND CORRUPTION

The Power Producers, suppliers and contractors and their sub-contractors under the contracts are required to observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this, the Nodal Agency:

- a) Defines, for the purpose of this provision, the terms set forth below as follows:
 - i. **“corrupt practice”** is the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
 - ii. **“fraudulent practice”** is any act or omission, including a misrepresentation, that knowingly or recklessly misleads or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;
 - iii. **“collusive practice”** is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
 - iv. **“coercive practice”** is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
 - v. **“obstructive practice”** is

aa) deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Nodal Agency's investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation;

or

ab) acts intended to materially impede the exercise of the Nodal Agency's inspection and audit rights.

- b) will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive or obstructive practices in competing for the contract in question;
- c) will sanction a firm or individual, including declaring ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that the firm has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive or obstructive practices in competing for, or in executing, a contract; and
- d) will have the right to require that the provision be included in Bidding Documents and in contracts, requiring Bidders, suppliers, and contractors and their sub-contractors to permit the Nodal Agency to inspect their accounts and records and other documents relating to bid submission and contract performance and to have them audited by auditors appointed by the Nodal Agency.

3.38 DEBARRED FROM PARTICIPATING IN NODAL AGENCY'S TENDER

- a) Agency reserves the right to carry out the performance review of each Bidder from the time of submission of Bid onwards. In case it is observed that a Bidder has not fulfilled its obligations in meeting the various timelines envisaged, in addition to the other provisions of the RFP, such Bidder may be debarred from participating in Nodal Agency's any future tender/ RFP for a period as decided by the competent authority of Nodal Agency.

SECTION IV: BID EVALUATION

4. BID EVALUATION:

4.1 THE EVALUATION PROCESS COMPRISES THE FOLLOWING Five STEPS:

- a) Step I-Responsiveness check of Technical Bid and Evaluation of Bidder' fulfilment of Eligibility Criteria described in Section-I.
- b) Step II-Evaluation of Financial Bid
- c) Step III –Invitation for e-Reverse Auction
- d) Step – IV – Conduct of e-Reverse Auction
- e) Step-V – Selection of successful bidder.

4.2 RESPONSIVENESS CHECK OF TECHNICAL BID:

The Technical Bid submitted by bidder (both the hard copy of the bid and the online bid)submitted by bidder shall be scrutinized to establish responsiveness to the requirements laid down in the RFP. However, if there is any difference between hard copy and online copy, the online version will prevail. Any of the following may cause the Bid to be considered “Non-responsive” and liable to be rejected, at the sole discretion of Nodal Agency, subject to sufficient justification:

- a) Bid not submitted in prescribed envelop format.
- b) Bid that are incomplete, i.e. not accompanied by any of the applicable and required formats;
- c) Bid not accompanied by contents of Envelope – I;
- d) Bid not signed by authorized signatory and /or stamped in the manner indicated in this RFP;
- e) Material inconsistencies in the information /documents submitted by the Bidder affecting the Eligibility Criteria;
- f) Information not submitted in the formats specified in this RFP;
- g) Bid being conditional in nature;
- h) Bid not received by the Bid Deadline;
- i) Bid having conflict of interest;
- j) Bidder makes any misrepresentation;

- k) Any other act of Bidder which may be unlawful for the purpose of this RFP.
- l) Bid submitted is not in requisite format(s).

Each Bid shall be checked for compliance with the submission requirements set forth in this RFP before the evaluation of Bidder's fulfilment of Eligibility Criteria is taken up.

4.3 QUALIFIED BIDDER(S) SELECTION:

- a) Bid qualifying in as per Eligibility Criteria shall only be evaluated in this stage.
- b) Bidders who meet the Net-Worth criteria/ Annual turnover criteria of a Project would be termed as Qualified Bidders. Only their online financial bid would be accepted.
- c) All Bidder qualifying Eligibility Criteria shall be placed as equal.
- d) Qualified Bidder shall quote the fixed tariff for the entire term of the PPA with effect from the COD ("Quoted Tariff") in the Financial Bid. The Quoted Tariff shall be in (Rupees/Unit) up to two (2) decimal place

4.4 OPENING OF FINANCIAL BID AND FIRST LEVEL ELIMINATION

- a) The financial bid of Qualified Bidder(s) shall be opened on <https://www.bharat-electronictender.com> Portal.
- b) The bids received with tariff more than the FIT determined by MPERC shall be rejected
- c) Preparation of Ranking list: A ranking list will be prepared for each substation by listing each of the Tariffs quoted (best quote) by each Eligible Bidder.
- d) Under subscribed Substations: for the substations, where the total bids received are less than the total substation capacity, all such bids in undersubscribed substation shall be eligible to participate in Reverse Auction process.
- e) Over subscribed Substations (First level elimination):
 - i. For oversubscribed S/s, L1 shall be qualified for its quoted capacity, and then L2 shall be qualified for its quoted capacity and so on, till the total capacity under the 33/11 kV S/s is exhausted.
 - ii. In case of the last selected bidder for a S/s, if the balance project capacity for the S/s is more than the 50% of the capacity quoted by bidder, then the balance S/s capacity shall be treated as the quoted capacity for the bidder. However, if the allocated capacity is less than the 50% capacity quoted by the

bidder, then the balance capacity will be offered to the next eligible. This iteration shall be run maximum two (2) times. If after 2 iterations the capacity is lying vacant it shall be discarded.

iii. For Substations (s), where two bidders quoted the same tariff, the preference shall be given in following order:

aa) individual farmers/ Group of farmers/ Cooperatives/ Panchayats/ Farmer Producer Organizations (FPO)/ Water User associations (WUA)/Government agricultural institute or other agriculture related institutions with own land shall be given preference. However, in case of two or more bids with own land received, bidder shall have to submit his net-worth certificate duly authorized by a chartered accountant within 7 days;

bb) Bidder with higher Net-Worth shall be given preference;

cc) Bidder with higher annual turnover shall be given preference.

4.5 E-REVERSE AUCTION PROCESS: Reverse auction shall be conducted bidder wise and not substation wise. A weighted average tariff (WAT) shall be determined for each bidder for the capacity for which they have qualified under both under subscribed and oversubscribed substations.

4.6 Before configuring the e-Auction, for each bidder the total bids will be grouped and a weighted average tariff shall be calculated offline for all the bids submitted by a single bidder i.e.

a) **Case -1:** if a bidder has submitted 3 bids (1 bid for each S/s) and 100% quoted capacity in all 3 bids gets qualified i.e. 2 MW for S/s A at INR 3.00/kWhr, 1 MW for S/s B at INR 3.02/kWhr and 1 MW for S/s C at INR 2.90/kWhr. The total quantity for RA shall be 4 MW. The weighted average tariff for the bidder shall be calculated as below:

$$\text{Weighted average tariff} = \frac{(\text{S/s A capacity} \times \text{S/s A tariff}) + (\text{S/s B capacity} \times \text{S/s B tariff}) + (\text{S/s C capacity} \times \text{S/s C tariff})}{\text{Total Capacity}}$$

$$= \frac{(2 \times 3) + (1 \times 3.02) + (1 \times 2.90)}{(2+1+1)}$$

$$= \text{INR } 2.98/ \text{ kWhr}$$

b) **Case 2:** However, in the above example if the 100% quoted capacity for substation A and B gets qualified but for substation C only 50% quoted capacity gets qualified then the qualified capacity shown as 2 MW for S/s A at INR 3.00/kWhr , 1 MW for S/s B at

INR 3.02/kWhr and 0.5 MW for S/s C at INR 2.90/kWhr. The total quantity for RA shall be 3.5 MW. The weighted average tariff for the bidder shall be calculated as below:

$$\begin{aligned}\text{Weighted average tariff} &= \frac{(\text{S/s A capacity} \times \text{S/s A tariff}) + (\text{S/s B capacity} \times \text{S/s B tariff}) + (\text{S/s C capacity} \times \text{S/s C tariff})}{(\text{S/s A capacity} + \text{S/s B capacity} + \text{S/s C capacity})} \\ &= \frac{(2 \times 3) + (1 \times 3.02) + (0.5 \times 2.90)}{(2+1+0.5)} \\ &= \text{INR } 2.99/\text{ kWhr}\end{aligned}$$

4.7 MPUVN shall at least 7 (seven) calendar days prior to the date of conducting the Reverse Auction Process, inform all the qualified bidder through e-mail regarding the date and time of the Reverse Auction Process and notifying them of being eligible to participate in the Reverse Auction Process along with the qualified capacity and the weighted average tariff for the qualified capacity. Also the System will send invitation to qualified bidder through email once the Reverse Auction is configured by MPUVN.

4.8 Once the e-Reverse Auction window of the E-bidding portal is configured, Eligible Bidders can log on to the E-bidding Portal and view salient aspects of the Reverse Auction window on the E-bidding portal (e.g. Best Quote, their own Weighted Average Tariff, minimum bid decrement value etc.).

MPUVN will also send a separate e-mail to all the Eligible Bidders notifying the start time of the Reverse Auction Process. Eligible Bidders will be able to login into the 'e-Reverse Auction Bidding Room' on the E-bidding Portal 15 (fifteen) minutes before the scheduled commencement time of the Reverse Auction Process.

4.9 The bidders should go through the Business Rules/Guidelines given below:

These Business Rules/Guidelines are intended to guide the Bidders about the Reverse Auction (RA) process, evaluation criteria of their bids in RA, criteria for award of PPA, confidentiality requirements and binding nature of bids made by them at the Reverse Auction.

a) Reverse Auction will be carried out online at e-procurement portal of Electronic Tendering System <https://www.bharat-electronictender.com>

b) The User ID and password for online reverse auction shall be same as used in online bidding and created by bidders at the time of bidder registration.

c) Reverse Auction shall be carried out only amongst the Qualified Bidders.

4.10 General Procedure of Reverse Auction

- a) Reverse auction will start automatically at time intimated to eligible bidders as per section 4.
- b) At the start of the Reverse Auction Process, the auction window of each Eligible Bidder will display the following information:
 - i. the Best Quote, as identified in accordance with section 4. It is clarified that the Best Quote for each bidder will be displayed as the 'Start-Price' for that bidder; his own bid (Weighted Average Tariff), his capacity (clubbed together for all substation has bid for) and the Minimum Bid Decrement value is kept as Rs. 0.01.
 - ii. If the capacity quoted by bidder in a substation is within the maximum capacity of the respective substation or not.
- c) Minimum duration of auction would be configured as 1 hours. If there is any change in the bid rate during the last 10 minutes (termed as Maximum elapsed time), further window of 10 minutes would be provided for auction. This would continue for every new period of 10 minutes wherein tariff changes in the highest discovered tariff in the bracket of 100 MW.
- d) Each Bidder's name will be hidden and in lieu of that they will be allotted a Pseudo Identity. At any point, every qualified bidder will be able to see prevailing L1 rate, and its own last bid rate and his total capacity. And whether the bidder falls within the bracket of 100 MW.
- e) The minimum bid decrement value is kept with a step size of Rs 0.01 by which Bidder needs to decrease its price while participating in the reverse auction.
- f) The Qualified Bidders for RA can thereupon start bidding in an iterative process, wherein the prevailing best quote by Bidder at any given moment can be displaced by an even lower best quote with any multiples of the minimum decrement. However, any such fresh bid would also be subject to a maximum decrement of 5% of the prevailing best quote of the bidder
- g) In the e-RA, Bidder has to offer only one price (weighted average tariff) for total Project capacity, for which he is competing in eRA. In case if Bidder wants to decrease its rate at any stage during RA process within maximum elapsed time, it can be done only by bidding lower than the then best quote of Bidder.
- h) Maximum elapsed time would be 10 minutes, during which, if there is any reduction than the prevailing highest discovered tariff in 100 MW bucket i.e. the tariff which was quoted to be remain in the bracket of 100 MW, auction would get

extend further for 10 minutes. It is clarified that,

- i. Irrespective of number of instances when the highest discovered tariff within 100MW bucket is reduced during a particular window of elapsed time, auction would get extended for another one window of 10 minutes only.
 - i) If the lowest discovered tariff within 100 MW bucket remains unchanged over the window of elapsed time (10 minutes), auction would get over. Auction trail, covering the initial hours of the auction and the extended window(s) of 10 minutes each, will reveal each successful bidder's pseudo identity, alongside their lowest quotes.
- 4.11 Further, there would be a Tender Summary which mentions the rates bid by each Qualified Bidder at the tender stage.
- 4.12 On the basis of the Auction Summary and Tender Summary, the Bidders would be placed in the ascending order of their last quoted bids. The list would firstly consist of Bidders from the Auction Summary with the last L1 rate being at the top of the list.
- 4.13 The Qualified Bidder who's quoted tariff falls within the 100 MW bucket in the e-Reverse Auction shall become the Successful Bidder's.
- 4.14 The Selected bidder 1 shall be allotted its quoted capacity, and then bidder 2 shall be allotted its quoted capacity and so on, till the total 100 MW capacity is exhausted.

In case of the last selected bidder, if partial capacity which falls within the 100 MW bucket, is less than the threshold limit published by MPUVN in RFP, the right of refusal shall be given to the bidder. If bidder refuses to accept the partial capacity, the capacity shall be offered to next eligible bidder at the tariff quoted by last selected bidder. However, if the partial capacity selected is equals to or greater than the threshold limit defined by MPUVN then the bidder has to mandatorily accept the capacity at his quoted rate.

This process shall continue until all the final eligible bidders after the RA process are complete. In the event this capacity is still not fulfilled then the corresponding capacity shall be terminated and could used in the subsequent tender.

- 4.15 After selection of initial 100 MW the bidder's falls within the next 100 MW bucket will be put in the waiting list and shall be called waitlisted bidder's.

4.16 AWARD OF CONTRACT TO SUCCESSFUL BIDDER

- a) Nodal Agency shall provide LOA to the Successful Bidder. The date of issuance of LOA shall be intimated by the Nodal Agency to the Successful Bidder.

- b) The Successful Bidder has to sign the LOA and submits PBG in favour of the procurer of required value within 30 days from the date of issuance of LOA, the Nodal Agency reserves the right to annul/cancel the LOA of the Successful Bidder.
- c) In case Nodal Agency cancels the LOA issued to the Successful Bidder due to its non-compliance or successful bidder fails to sign the LOA within the stipulated timeline, the capacity of such bidder will be withdrawn and the bidder will be debarred from participating in MPUVN RFPs / tenders for next 2 years.
- d) In case, if none of the waitlisted bidder(s) is interested in taking the Project, then Nodal Agency will take appropriate action.
- e) Nodal Agency at its own discretion, has the right to reject any or all the Bid without assigning any reason whatsoever.

4.17 Performance Bank Guarantee:

- a) The power producer shall provide Performance Bank Guarantee (PBG) of Rs. 5 Lakh/MW to procurer within 30 days from date of issue of Letter of Award.
- b) The Bank Guarantees against bid security / EMD shall be returned to the selected power producer on submission of valid PBGs. The selected power producer is required to sign PPA with the DISCOM in line with the timeline given in the RFP. In case, the selected power producer fails to execute the PPA within the stipulated time period, the Bank Guarantee equivalent to Bid Security / EMD shall be en-cashed by procurer as penalty.
- c) However, in case any bidder is not selected, MPUVN shall release the Bid Security / EMD within 15 days of the date of issue of LOA to selected power producer/ (s). The PBGs shall be valid for a period of 12 months from the date of issue of LOA for the SPP. 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.

4.18 Signing of PPA

- a) The signing of PPA by the power producer (s) with the Procurers shall happen within 60 days of issuing the LOA on the basis of Project Capacity.
- b) Individual PPA shall be signed by the power producer(s) with Procurer at the tariff discovered through e-RA.
- c) In case, the power producer fails to execute the PPA within the stipulated time period, the Performance Bank Guarantee equivalent to Bid Security / EMD shall be en-cashed

by procurer as penalty.

- d) The term of the PPA shall be in line with Article 2 of the PPA. The Procurer will be obliged to buy the power in line with Clause 4.3 of the PPA.
- e) However, the power producer is required to achieve a minimum generation as per Clause 4.3 of the PPA subject to a minimum CUF of 15% on annual basis during the PPA period.

4.19 Shortfall in minimum generation:

- a) During PPA, if for any contract year, it is found that the power producer RPG has not been able to generate minimum energy; such shortfall in performance shall make power producer liable to pay the compensation as provided in Article 4 of the PPA to the procurer.

4.20 Commissioning

- a) The selected power producer shall commission the solar power plant within nine months from the effective date as specified in article 5 of PPA. The power producer may commission the SPP during this period of nine months and the applicable tariff shall be in accordance to Article 9 of the PPA. A duly constituted Committee of DISCOM officials will physically inspect the Plant in not more than 03 days from the date of receiving a call from the power producer and certify successful commissioning of the plant. In case any power producer fails to achieve this milestone, procurer shall encash the Performance Bank Guarantee (PBG) in the manner as specified in Article 4 of PPA.

- 4.21 In case any PBG, BG (if available) or Bid Security is utilized, partly or fully, towards recovery/ adjustment of LD/ penalty, the same shall be replenished to its original value and validity period within seven (7) Days of written communication on this behalf from Nodal Agency or procurer to Power Producer.

SECTION V – FINANCIAL BID (To be filled online only)

<u>Name of DISCOM 1</u>				
<u>S. No.</u>	<u>Name of Substation</u>	Name of District	<u>Quantity (kW/MW)</u>	<u>Tariff (INR/kWhr)</u>

<u>Name of DISCOM 2</u>				
<u>S. No.</u>	<u>Name of Substation</u>	Name of District	<u>Quantity (kW/MW)</u>	<u>Tariff (INR/kWhr)</u>

Request for Proposal for Grid Connected SPPs in Madhya Pradesh under PM KUSUM Scheme

<u>Name of DISCOM 3</u>				
<u>S. No.</u>	<u>Name of Substation</u>	<u>Name of District</u>	<u>Quantity (kW/MW)</u>	<u>Tariff (INR/kWhr)</u>

SECTION VI – CHECK LIST**1. Checklist Envelop - I**

S.No.	Particular	Format No.	Copy Attached Yes / No
1	Covering Letter	1	Yes / No
2	Bid processing Fee (Non-Refundable)	-	Yes / No
3	Bid Security (In Bank Guarantee / DD/ FDR/RTGS / NEFT Transfer)	4 (in case of Bank Guarantee)	Yes / No

2. Checklist Envelop - II

S.No.	Particular	Format No.	Copy Attached
1.	Power of Attorney in favour of authorised signatory (To be stamped in accordance with Stamp Act)	7	Yes / No
2.	Board Resolution in support of power of attorney in favour of authorized signatory (applicable for companies)	-	Yes / No
3.	General Particulars	2	Yes / No
4.	Bidder's composition and ownership structure	3	Yes / No
5.	Declaration for Eligibility Criteria Requirement (Financial) (if applicable)	8	Yes / No
6.	Format for Certificate of Relationship in case of Affiliate (if applicable)	9	Yes / No
7.	Certificate of Incorporation (if applicable)	-	Yes / No
8.	Undertaking Form	10	Yes / No
9.	Consortium Agreement (If applicable)	12	Yes / No

Request for Proposal for Grid Connected SPPs in Madhya Pradesh under PM KUSUM Scheme

10.	Declaration	14	Yes / No
11.	Board Resolution/power of attorney in favour of Lead Bidder (if applicable)	13	Yes / No
12.	RFP Document Sealed and Signed along with the corrigenda, addenda and pre-bid minutes (if any)	-	Yes / No

SECTION VII: FORMATS FOR SUBMITTING RFP

FORMAT 1: Covering Letter

(The covering letter should be on the Letter Head of the Bidder/ Lead Member of Consortium)

Ref. No. _____ **Date:** _____

From: Insert name and address of Bidder

Tel.: _____ **Fax:** _____

E-mail: _____

To: Chief Engineer

Madhya Pradesh Urja Vikas Nigam Limited

(A Government of Madhya Pradesh Enterprise)

Urja Bhawan, Link Road No. 2,

Shivaji Nagar, Bhopal - 462016

Sub: Request for Proposal (RFP) for Selection of Solar Power Developer setting up of Grid connected Solar based Power Plants (SPP) of capacity 500 KW to 2 MW under PM KUSUM Scheme for sale of power to MPPMCL

Dear Sir,

a) We, the undersigned _____ [insert name of the Bidder] having read, examined and understood in detail the Request for Proposal (RFP) for Design, Engineering, Supply, Installation, 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) of aggregate capacity of 100 MW for Sale of Solar Power to MPPMCL at the delivery point in each substation at various locations in the state of Madhya Pradesh, India, hereby submit our Bid comprising of Financial Bid and Technical Bid. We confirm that neither we nor any of our Affiliate (if applicable) has submitted Bid other than this Bid directly or indirectly in response to the aforesaid RFP.

b) We give our unconditional acceptance to the RFP attached thereto, issued by Madhya Pradesh Urja Vikas Nigam Limited, as amended. As a token of our acceptance to the RFP, the same have been initialled by us and enclosed to the Bid. We shall ensure that we execute such RFP as per the provisions of the RFP and provisions of such RFP shall be binding on us.

c) Project Groups

We are pleased to submit our bid for the following substations as mentioned in table below:

Substation Name	Capacity quoted	Participation* (Yes / No)

**Note: Bidder shall mention 'Yes' corresponding to substations it wants to bid and clearly mention 'No' for substations where it does not intend to bid. In case of any empty cell, Nodal Agency shall consider it as "No" intention of participation in that substation.*

d) Bid Security

We have enclosed Bid Security in form of RTGS / NEFT / Bank Guarantee for each Project Group of amounts as mentioned in this RFP, details of which are hereunder:

Subsation	Bid Security (INR Lakhs)	Participation* (Yes / No)	Bid Security Details

**Note: Bidder shall mention 'Yes' corresponding to substations it wants to bid and clearly mention 'No' for Project Groups where it does not intend to bid. In case of any empty cell, Nodal Agency shall consider it as "No" intention of participation in that substation.*

OR

We have enclosed a Bid Security in form of RTGS / NEFT / Bank Guarantee (Bid

Security Details) of cumulative amount required of Rs. _____, subject to clause 3.21 as mentioned in this RFP.

We have submitted our Financial Bid strictly as per this RFP, without any deviations, conditions and without mentioning any assumptions or notes for the Financial Bid in the said format(s).

e) Acceptance

We hereby unconditionally and irrevocably agree and accept that the decision made by Nodal Agency in respect of any matter regarding or arising out of the RFP shall be binding on us. We hereby expressly waive any and all claims in respect of Bid process.

We confirm that there are no litigations or disputes against us, which materially affect our ability to fulfil our obligations with regard to execution of projects of capacity offered.

f) Familiarity with Relevant Indian Laws & Regulations

We confirm that we have studied the provisions of the relevant Indian laws and regulations as required to enable us to submit this Bid and execute the RFP, in the event of our selection as Bidder. We further undertake and agree that all such factors as mentioned in RFP have been fully examined and considered while submitting the Bid.

We undertake that we have satisfied ourselves with the site conditions of the projects and our proposed financial bid takes into consideration the existing site conditions.

g) Contact Person

Details of the contact person are furnished as under:

Particulars	Description
Name	
Designation	
Company	
Address	
Phone Nos.	
Fax Nos.	
E-mail address	

and eighty (180) Days from Bid Deadline. We We are enclosing herewith the Envelope-I (Covering letter, Processing fee and Bid Security) and Envelope-II (Technical documents)

containing duly signed formats, each one duly sealed separately, in one original as desired by you in the RFP for your consideration.

It is confirmed that our Bid is consistent with all the requirements of submission as stated in the RFP and subsequent communications from Nodal Agency. The information submitted in our Bid is complete, strictly as per the requirements stipulated in the RFP and is correct to the best of our knowledge and understanding. We would be solely responsible for any errors or omissions in our Bid. We confirm that all the terms and conditions of our Bid are valid for acceptance for a period of one hundred confirm that we have not taken any deviation so as to be deemed non-responsive.

Dated the _____ day of _____ 2020

Thanking you,

We remain,

Yours faithfully,

Name, Designation and Signature of Authorized Person in whose name Power of Attorney/Board Resolution.

FORMAT 2: General Particulars of the Bidder

1.	Name of the Bidder	
2.	Type of Bidders (Farmer, Group of farmer etc)	
3.	Mode of Development	
4.	Address for communication	
5.	E-mail	
6.	Web site	
7.	Authorized Contact Person(s) with name, designation, Address and Mobile Phone No., E-mail address/ Fax No. to whom all references shall be made	
8.	Year of Incorporation (as applicable)	
9.	Have the Bidder/Company debarred preceding 3 years from bid submission date by any Govt. Dept. / undertaking for undertaking any work	
10.	Reference of any documentation formation attached by the Bidder other than specified in the RFP.	
11.	Whether the Bidder wishes to form a Project Company for execution of work	Yes/No
12.	Bidder is listed in India (as applicable)	Yes/No
13.	GSTIN No.	
14.	PAN No.	
15.	Certificate of Incorporation of Bidder/ Affiliate (as applicable) enclosed	Yes/No
16.	Partnership deed for LLP/ Sole Proprietor registration (as applicable) enclosed	Yes/No

 (Signature of Authorized Signatory)
With Stamp

FORMAT 3: Shareholding certificate for company / partner contribution in a partnership firm (as applicable)

SHAREHOLDING CERTIFICATE FOR COMPANY

Name of the Equity holder	Type and Number of shares owned	% of equity holding	Extent of Voting rights

OR

PARTNER CONTRIBUTION IN A PARTNERSHIP FIRM

Name of Partner	Capital Contribution (Rs)	% of Ownership in the Firm

(Signature of Authorized Signatory) With Stamp

(Signature of Company Secretary/Director/Chartered Accountant)

FORMAT 4: Format for bank guarantee for bid security

(To be stamped on non – judicial stamp paper as per the stamp act of the state where the document is made)

Ref: _____

Bank Guarantee No.: _____

Date: _____

- a) In consideration of the [Insert name of the Bidder] (hereinafter referred to as Bidder) submitting the response to Request for Proposal (RFP) for Selection of Solar Power Developer for Design, Engineering, Supply, Installation, 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) of aggregate capacity of 100 MW for Sale of Solar Power to MPPMCL at the delivery point in each substation at various locations in the state of Madhya Pradesh, India in response to the RFP No. 2906, Date 05.12.2020 issued by Madhya Pradesh Urja Vikas Nigam Limited (hereinafter referred to as Nodal Agency) and Nodal Agency considering such response to the RFP of [insert the name of the Bidder] as per the terms of the RFP, the [insert name & address of bank] hereby agrees unequivocally, irrevocably and unconditionally to pay to Nodal Agency at [Insert Name of the Place from the address of Nodal Agency] forthwith on demand in writing from Nodal Agency or any Officer authorized by it in this behalf, any amount upto and not exceeding Rupees [Insert amount] only, on behalf of M/s. [Insert name of the Bidder].
- b) This guarantee shall be valid and binding on this Bank up to and including [insert date of validity in accordance with this RFP] and shall not be terminable by notice or any change in the constitution of the Bank or the term of Agreement or by any other reasons whatsoever and our liability hereunder shall not be impaired or discharged by any extension of time or variations or alternations made, given, or agreed with or without our knowledge or consent, by or between parties to the respective Agreement.
- c) Our liability under this Guarantee is restricted to Rupees (Rupees _____ only). Our Guarantee shall remain in force until [insert date of Bid Validity Period in accordance with this RFP]. Only Nodal Agency shall be entitled to impose penalty equivalent to this Guarantee till _____ [Insert date which is 30 Days after the date in the preceding sentence].
- d) The Guarantor Bank hereby agrees and acknowledges that only the Nodal Agency shall have a right to impose penalty equivalent to this BANK GUARANTEE in part or in full, as it may deem fit.

- e) The Guarantor Bank hereby expressly agrees that it shall not require any proof in addition to the written demand by Nodal Agency, made in any format, raised at the above mentioned address of the Guarantor Bank, in order to make the said payment to Nodal Agency.
- f) The Guarantor Bank shall make payment hereunder on first demand without restriction or conditions and notwithstanding any objection by [Insert name of the Bidder] and/or any other person. The Guarantor Bank shall not require Nodal Agency to justify the invocation of this BANK GUARANTEE, nor shall the Guarantor Bank have any recourse against Nodal Agency in respect of any payment made hereunder.
- g) This BANK GUARANTEE shall be interpreted in accordance with the laws of India and the courts at Bhopal shall have exclusive jurisdiction.
- h) The Guarantor Bank represents that this BANK GUARANTEE has been established in such form and with such content that it is fully enforceable in accordance with its terms as against the Guarantor Bank in the manner provided herein.
- i) This BANK GUARANTEE shall not be affected in any manner by reason of merger, Amalgamation, restructuring or any other change in the constitution of the Guarantor Bank.
- j) This BANK GUARANTEE shall be a primary obligation of the Guarantor Bank and accordingly Nodal Agency shall not be obliged before enforcing this BANK GUARANTEE to take any action in any court or arbitral proceedings against the Bidder, to make any claim against or any demand on the Bidder or to give any notice to the Bidder or to enforce any security held by Nodal Agency or to exercise, levy or enforce any distress, diligence or other process against the Bidder.

Notwithstanding anything contained hereinabove, our liability under this Guarantee is restricted to Rupees _____ (Rupees _____ only) and it shall remain in force until *[Date to be inserted on the basis of this RFP]* with an additional claim period of thirty (30) Days thereafter. We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only if Nodal Agency serves upon us a written claim or demand.

Power of Attorney No.

For [Insert Name of the Bank]

Banker's Stamp and Full Address.

Dated this ____ day of ____, 20__

FORMAT 5: Format for performance bank guarantee

(To be stamped on non – judicial stamp paper as per the stamp act of the state where the document is made)

- a) In consideration of the *[Insert name of the Bidder]* (hereinafter referred to as (Bidder) submitting the response to Request for Proposal (RFP) for Selection of Solar Power Developer for Design, Engineering, Supply, Installation, 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) of aggregate capacity of 100 MW for Sale of Solar Power to MPPMCL at the delivery point in each substation at various locations in the state of Madhya Pradesh, India in response to the RFP No. 2906, date 05.12.2020 issued by Madhya Pradesh Urja Vikas Nigam Limited (hereinafter referred to as Nodal Agency) and Nodal Agency considering such response to the RFP of *[insert the name of the RPG]* (which expression shall unless repugnant to the context or meaning thereof include its executers, administrators, successors and assignees) and selecting the Project of the RPG and issuing LOA No. ____ to *(Insert Name of RPG)* as per terms of RFP and the same having been accepted by the selected Project Company, M/s {a Special Purpose Vehicle (SPV) formed for this purpose}, if applicable]. As per the terms of the RFP, the *[insert name & address of bank]* hereby agrees unequivocally, irrevocably and unconditionally to pay to Nodal Agency at *[Insert Name of the Place from the address of the Nodal Agency]* forthwith on demand in writing from Nodal Agency, or any officer authorized by it in this behalf, any amount upto and not exceeding Rupees_____ *[Rupees_____ (Total Value in words)]* only, on behalf of M/s *[Insert name of the SPD / Project Company]*. This guarantee shall be valid and binding on this Bank up to and including_____ and shall not be terminable by notice or any change in the constitution of the Bank or the term of Agreement or by any other reasons whatsoever and our liability hereunder shall not be impaired or discharged by any extension of time or variations or alternations made, given, or agreed with or without our knowledge or consent, by or between parties to the respective Agreement.
- b) Our liability under this Guarantee is restricted to Rupees_____ (both in numbers and words)
- c) Our Guarantee shall remain in force until Nodal Agency shall be entitled to invoke this Guarantee till_____. The Guarantor Bank hereby agrees and acknowledges that Nodal Agency shall have a right to invoke this BANK GUARANTEE in part or in full, as it may deem fit.

- d) The Guarantor Bank hereby expressly agrees that it shall not require any proof in addition to the written demand by Nodal Agency, made in any format, raised at the above mentioned address of the Guarantor Bank, in order to make the said payment to Nodal Agency.
- e) The Guarantor Bank shall make payment hereunder on first demand without restriction or conditions and notwithstanding any objection by [Insert name of the SPD. The Guarantor Bank shall not require Nodal Agency to justify the invocation of this BANK GUARANTEE, nor shall the Guarantor Bank have any recourse against Nodal Agency in respect of any payment made hereunder.
- f) This BANK GUARANTEE shall be interpreted in accordance with the laws of India and the courts at Bhopal shall have exclusive jurisdiction.
- g) The Guarantor Bank represents that this BANK GUARANTEE has been established in such form and with such content that it is fully enforceable in accordance with its terms as against the Guarantor Bank in the manner provided herein.
- h) This BANK GUARANTEE shall not be affected in any manner by reason of merger, amalgamation, restructuring or any other change in the constitution of the Guarantor Bank.
- i) This BANK GUARANTEE shall be a primary obligation of the Guarantor Bank and accordingly Nodal Agency shall not be obliged before enforcing this BANK GUARANTEE to take any action in any court or arbitral proceedings against the selected RPG/ Project Company, to make any claim against or any demand on the RPG or to give any notice to the RPG/ Project Company or to enforce any security held by Nodal Agency or to exercise, levy or enforce any distress, diligence or other process against the RPG/ Project Company.

Notwithstanding anything contained hereinabove, our liability under this Guarantee is restricted to Rupees _____ (Rupees _____ only) and it shall remain in force until we are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only if Nodal Agency serves upon us a written claim or demand.

Signature

Name

Power of Attorney No.

For

[Insert Name of the Bank]

Banker's Stamp and Full Address.

Dated this ____ day of ____, 20__

Witness:

Signature

Name and Address _____

Signature

Name and Address _____

FORMAT 6: Checklist for PBG

S. No.	Details of checks	YES/NO
1	Is the Bank Guarantee on non-judicial Stamp paper of appropriate value, as per applicable Stamp Act of the place of execution	
2	Whether date, purpose of purchase of stamp paper and name of the purchaser are indicated on the back of Stamp paper under the Signature of Stamp vendor? (The date of purchase of stamp paper should be not later than the date of execution of Bank Guarantee and the stamp paper should be purchased either in the name of the executing Bank or the party on whose behalf the Bank Guarantee has been issued. Also the Stamp Paper should not be older than six (6) Months from the date of execution of Bank Guarantee).	
3	Has the executing Officer of Bank Guarantee indicated his name, designation and Power of Attorney No./Signing Power no. on the Bank Guarantee?	
4	Is each page of Bank Guarantee duly signed / initialled by executant and whether stamp of Bank is affixed thereon? Whether the last page is signed with full particulars including two witnesses under seal of Bank as required in the prescribed Performa?	
5	Does the Bank Guarantees compare verbatim with the Performa prescribed in the Bid Documents?	
6	Are the factual details such as Bid Document No. / Specification No., / LOA No. (if applicable) / Amount of Bank Guarantee and Validity of Bank Guarantee correctly mentioned in the Bank Guarantee	
7	Whether overwriting/cutting if any on the Bank Guarantee have been properly authenticated under signature & seal of executant?	

FORMAT 7: Power of Attorney

(To be stamped on non – judicial stamp paper as per the stamp act of the state where the document is made)

- a) Power of Attorney to be provided by the Bidder in favour of its representative as evidence of authorized signatory's authority.
- b) Know all men by these presents, we (name and address of the registered office of the Bidder as applicable) do hereby constitute, appoint and authorize Mr./Ms. (name & residential address) who is presently employed with us and holding the position of _____ as our true and lawful attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to submission of our Bid for Selection of Solar Power Developer for Design, Engineering, Supply, Installation, 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) of aggregate capacity of 100 MW for Sale of Solar Power to MPPMCL at the delivery point in each substation at various locations in the state of Madhya Pradesh, India in response to the RFP No. 2906, Date 05.12.2020 issued by Nodal Agency including signing and submission of the Bid and all other documents related to the Bid, including but not limited to undertakings, letters, certificates, acceptances, clarifications, guarantees or any other document which the Nodal Agency may require us to submit. The aforesaid Attorney is further authorized for making representations to the Madhya Pradesh Urja Vikas Nigam Limited and providing information / responses to Nodal Agency representing us in all matters before Nodal Agency and generally dealing with Nodal Agency in all matters in connection with Bid till the completion of the bidding process as per the terms of the above mentioned in RFP.
- c) We hereby agree to ratify all acts, deeds and things done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall be binding on us and shall always be deemed to have been done by us.
- d) All the terms used herein but not defined shall have the meaning ascribed to such terms under the RFP.

Signed by the within named

(Insert the name of the executant's/ executant's company)

through the hand of

Mr _____

duly authorized by the Board to issue such Power of Attorney

Dated this _____ day of _____

Accepted

Signature of Attorney

(Name, designation and address of the Attorney)

Attested

(Signature of the executant)

(Name, designation and address of the executant)

Signature and stamp of Notary of the place of execution

Common seal of _____ has been affixed in my/our presence pursuant to Board of Director's Resolution dated

WITNESS

(Signature)

Name _____

Designation _____

(Signature)

Name _____

Designation _____

FORMAT 8: Financial Eligibility criteria requirement

(To be submitted on the letterhead of Bidder/ Lead Member/ Member of Consortium)

To,

Madhya Pradesh Urja Vikas Nigam Limited

Bhopal

Dear Sir,

Sub: Selection of Solar Power Developer for Design, Engineering, Supply, Installation, 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) of aggregate capacity of 100 MW for Sale of Solar Power to MPPMCL at the delivery point in each substation at various locations in the state of Madhya Pradesh, India in response to the RFP No. 2906, Date 05.12.2020.

We submit our Bid for which details of our Financial Eligibility Criteria Requirements are as follows.

Net worth of Indian Rupees _____ Lakh computed as per instructions provided in this RFP based on unconsolidated audited annual accounts (refer Note-1 below). The relevant financial statement for respective years shall be enclosed, duly signed by authorised signatory.

Name of Entity being evaluated	Name of Affiliate in case its Financial Strength being used	Financial Year	Financial Criteria (fill as applicable) to be met as per Table 1 (Clause 3.11.7)
			Net worth (INR Lakh)

Note:

The bidders shall declare in undertaking (Format-10) the criteria on which they fulfil the financial eligibility as per the provisions of this RFP.

Yours faithfully

(Signature and stamp of Authorized Signatory of Bidder)

Name: _____

Date: _____

Place: _____

(Signature and stamp (on each page) of Chartered Accountant/Statutory Auditors of Bidder.

Name: _____

Date: _____

Place: _____

Attached are copies of the audited financial statements (balance sheets, including all related notes, and income statements) for the years required above complying with the following condition:

- a) Must reflect the financial situation of the Bidder or a member of a Consortium, and not sister or parent companies;
- b) Historic financial statements must be audited by a certified public accountant;
- c) Historic financial statements must correspond to accounting periods already completed and audited. No statements for partial periods shall be accepted;
- d) Should be submitted on the letter head of the public accountant.

Notes:

Audited consolidated annual accounts of the Bidder may also be used for the purpose of financial criteria provided the Bidder has at least 26% equity and control in each company whose accounts are merged in the audited consolidated accounts and provided further that the financial capability of such companies (of which accounts are being merged in the consolidated accounts) shall not be considered again for the purpose of evaluation of the Bid.

FORMAT 9: Format for certificate of relationship of affiliate with the bidder

To,

Dear Sir,

Sub: Request for Proposal (RFP) Selection of Solar Power Developer for Design, Engineering, Supply, Installation, 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) of aggregate capacity of 100 MW for Sale of Solar Power to MPPMCL at the delivery point in each substation at various locations in the state of Madhya Pradesh, India.

We hereby certify that M/s_____,M/s_____,M/s_____are the Affiliate(s) of the Bidder as per the definition of Affiliate as provided in this RFP and based on details of equity holding as on seven (7) Days prior to the Bid Deadline.

The details of equity holding of the Affiliate /Bidder or vice versa as on seven (7) Days prior to the Bid Deadline are given as below:

a) In case of Bidder being Company/ LLP/ Partnership Firm/ Sole – Proprietor:

Name of Company/ LLP/ Partnership Firm/ Sole – Proprietor	Name of the Affiliate	Details of Equity Holding

OR

b) In case of Bidder being member of the Consortium

Name of Member of Consortium	Name of the Affiliate	Details of Equity Holding

Yours Faithfully

(Insert Name and Signature of Statutory Auditor or Company Secretary of the Bidder/ Member of Consortium)

FORMAT 10: Undertaking Form

Undertaking from Affiliate of Bidder/ Lead Member/ Member of Consortium

Name:_____

Full Address:_____

Telephone No.: E-mail address: Fax/No.:_____

To,

Dear Sir,

- a) We refer to the RFP No. 2906, Date 05.12.2020 for Request for Proposal (RFP) for Selection of Solar Power Developer for Design, Engineering, Supply, Installation, 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) of aggregate capacity of 100 MW for Sale of Solar Power to MPPMCL at the delivery point in each substation at various locations in the state of Madhya Pradesh, India.
- b) We have carefully read and examined in detail the RFP regarding submission of an undertaking, as per the prescribed Format of the RFP.
- c) We confirm that M/s _____ (Insert name of Bidder) is our Affiliate on the following basis:
- d) that M/s (Insert name of Bidder) has been authorized by us to use our financial capability for meeting the Financial Eligibility as specified in the RFP referred to above in terms of Net worth.
- e) We have also noted the amount of the Performance Guarantees and Bid Security required to be submitted as per the RFP by (Insert the name of the Bidder) in the event of it being selected as the SPD.
- f) In view of the above, we hereby undertake to you and confirm that in the event of failure of (Insert name of the Bidder) to submit the Performance Guarantees and Bid Security in full or in part at any stage, as specified in the RFP, we shall submit the Performance Guarantee and Bid Security not submitted by (Insert name of the Bidder)".
- g) We also undertake that we shall maintain our relationship with

M/s _____ (insert name of bidder) so that it is in accordance with principles of 'Control' and 'Affiliate' laid out in **RFP No. 2906, Date 05.12.2020. (in case of affiliate)**

- h) We have attached hereto certified true copy of the Board Resolution, whereby the Board of Directors of our Company has approved issue of this Undertaking by the Company.
- i) All the terms used herein but not defined, shall have the meaning as ascribed to the said terms under the RFP.

Signature of Chief Executive Officer/Managing Director

Common seal of has been affixed in my/our presence pursuant to Board of Director's Resolution dated.

WITNESS

(Signature)

Name _____

Designation _____

(Signature)

Name _____

Designation _____

FORMAT 12: Format for consortium agreement

Joint Bidding/ Consortium Agreement Format for Participation in

“Request for Proposal (RFP)

For

Selection of Solar Power Developer

For

Design, Engineering, Supply, Installation, 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) of aggregate capacity of 100 MW for Sale of Solar Power to MPPMCL at the delivery point in each substation at various locations in the state of Madhya Pradesh, India.

(To be stamped as per the stamp act of the state where the document is made)

THIS JOINT BIDDING AGREEMENT is entered into on this ____ day of _____ 2020.

AMONGST

{ _____, party on **First Part** of consortium} and having its registered office at _____ (Hereinafter referred to as the **“First Part”** or **“Lead Member”** which expression shall, unless repugnant to the context include its successors and permitted assigns)

AND

_____ Having its registered office at _____.(Hereinafter referred to as the **“Second Part”** or **“Member”** which expression shall, unless repugnant to the context include its successors and permitted assigns)

The above-mentioned parties of the First and Second are collectively referred to as the **“Parties”** and each is individually referred as a **“Party”**

WHERE AS,

i. Madhya Pradesh Urja Vikas Nigam Ltd. (hereinafter referred to as the **“MPUVNL”** which expression shall, unless repugnant to the context or meaning thereof, include its

administrators, successors and assigns) has invited applications (the “**Applications**”) by its RFP No. 2906, Date 05.12.2020 for award of the rate contract/ work under “Selection of Solar Power Developer for Design, Engineering, Supply, Installation, 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) of aggregate capacity of 100 MW for Sale of Solar Power to MPPMCL at the delivery point in each substation at various locations in the state of Madhya Pradesh, India (hereinafter called “**Project (s)**”) and Selection of Solar Power Developer for the same.

ii. The Parties are interested in jointly bidding for the Project as members of consortium in accordance with the terms and conditions of the RFP document and other bid documents in respect of the Project, and

iii. It is a necessary condition under the RFP document that the members of the Consortium shall enter into a Consortium agreement and furnish a copy thereof with the Application.

NOW IT IS HEREBY AGREED as follows:

Definitions and Interpretations

In this agreement, the capitalized terms shall, unless the context otherwise require, have the Meaning ascribed thereto under the above mentioned RFP.

1. Consortium

The Parties do hereby irrevocably constitute a consortium (the “**Consortium**”) for the purposes of jointly participating in the Bidding Process. The Parties hereby undertake to participate in the Bidding Process in a Project Group as per Table 1 of this RFP, only through this Consortium and not individually and/ or through any other consortium constituted for this RFP, either directly or indirectly or through any of their Affiliate(s).

2. Role of the Parties

The Parties hereby undertake to perform the roles and responsibilities as described below:

a) The parties agree to submit bid as Consortium for following Substations:

Substation	Participation*
-------------------	-----------------------

	(Yes / No)
A.	
B.	
C.	
D.	
E.	
F.	

**Note: Bidder shall mention ‘Yes’ corresponding to substation it wants to bid and clearly mention ‘No’ for substation where it does not intend to bid*

- b) Only First Part shall be evaluated for qualification against technical eligibility criteria as per RFP.
- c) First Part shall have the power of attorney from all Parties for conducting all business for and on behalf of the Consortium during the Bidding Process and after its selection as Successful Bidder.
- d) First Part would be responsible and obligated for successful execution of all work awarded to them by MPUVNL and in no circumstances the same shall be the responsibility of Second Part. Pursuant to selection of Successful Bidder as per criteria delineated in the RFP, all obligations as per RFP shall be borne by the First Part.
- e) Second Part and Third part shall work in accordance with roles and responsibilities assigned to them by First Part as a part of their internal understanding.
- f) Parties have agreed and documented clearly stated roles and responsibilities between First Part, Second Part and Third Part for execution of work awarded by MPUVNL.
- g) Subject to the terms of this agreement, the share of each Member of the Consortium in the “issued equity share capital” shall be in the following proportion: (if applicable)

Name of Member	Proposed % Equity holding
Lead Member (At least 51%)
Member	

3. Termination

This Agreement shall be effective from the date hereof and shall continue in full force and effect until the Bid Validity Period of Award and further in accordance with the LOA subsequently issued if bid arrives as successful. However, in case the Consortium is either not pre-qualified for the Project or does not get selected for Award of the work, the Agreement will stand terminated in case the Applicant is not pre-qualified.

4. Miscellaneous

This Joint Bidding Agreement shall be governed by laws of India. The Parties acknowledge and accept that this Agreement shall not be amended by Parties without the prior written consent of the MPUVNL. Party of First Part would decide on the representative of Consortium at MPUVNL.

IN WITNESS WHERE OF THE PARTIES ABOVE NAMED HAVE EXECUTED AND DELIVERED THIS AGREEMENT AS OF THE DATE FIRST ABOVE WRITTEN.

SIGNED, SEALED AND DELIVERED

For

and on behalf of Lead Member by:

(Signature)

(Name & Designation)

(Address)

In Presence of:

Witness -1

Witness -2

SIGNED, SEALED AND DELIVERED

For

and on behalf of Second Part:

(Signature)

(Name & Designation)

(Address)

In Presence of:

Witness -1

Witness -2

FORMAT 13: Power of attorney in favor of lead member of the consortium

(to be submitted by each member of the Consortium)

(To be stamped as per the stamp act of the state where the document is made)

Whereas Madhya Pradesh Urja Vikas Nigam Ltd. (MPUVNL) has invited applications (the “Applications”) by its RFP No. 2906, Date 05.12.2020 for Selection of Solar Power Developers for Design, Engineering, Supply, Installation, 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) of aggregate capacity of 100 MW for Sale of Solar Power to MPPMCL at the delivery point in each substation at various locations in the state of Madhya Pradesh, India (hereinafter called “Project”)

Whereas,, and (collectively the **Consortium**) being Members of the Consortium and having signed a Joint Bidding Agreement dated [], are interested in submitting a Bid in accordance with the terms and conditions of the Request for Proposal (**RFP**) and the other Bid Documents, and

Whereas, it is necessary for the Members of the Consortium to designate one of them as the Lead Member with all necessary power and authority to do for and on behalf of the Consortium, all acts, deeds and things as may be necessary in connection with the Consortium’s bid for the Unit(s) and its execution.

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS

a) We,, having our registered office at, and, having our registered office at, (hereinafter collectively referred to as the **Principals**) do hereby irrevocably designate, nominate, constitute, appoint and authorise having its registered office at, being one of the Members of the Consortium, as the Lead Member and true and lawful attorney of the Consortium (hereinafter referred to as the **Attorney**). We hereby irrevocably authorize the Attorney (with power to sub-delegate) to conduct all business for and on behalf of the Consortium, and any one of us, during the Bid Process, including undertaking all acts required for the submission of the Bid in accordance with the terms and conditions of the RFP. Additionally, we also authorise the Lead Member to do

any other acts or submit any information and documents related to the above Bid submission, to do on our behalf and on behalf of the Consortium, all or any of such acts, deeds or things as are necessary or required or incidental to the submission of its Bid for the Unit(s), including but not limited to signing and submission of all applications, undertakings and other documents and writings, participate in bidders and other conferences and respond to queries, if required. In the event the Consortium is awarded the Project Documents for developing the Units, we authorise the Lead Member to submit information/documents, sign and execute contracts and undertakings consequent to acceptance of the Bid of the Consortium in relation to the incorporation of the SPV and generally to represent the Consortium in all its dealings with RUMSL, and/or any other Government Agency or any Person, in all matters in connection with or relating to or arising out of the Consortium's Bid for the Unit(s) and/or upon award thereof till incorporation of the SPV.

- b) **AND** hereby agree to ratify and confirm and do hereby ratify and confirm all acts, deeds and things done or caused to be done by our said Attorney pursuant to and in exercise of the powers conferred by this Power of Attorney and that all acts, deeds and things done by our said Attorney in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us/Consortium.

IN WITNESS WHEREOF WE THE PRINCIPALS ABOVE NAMED HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS DAY OF, 2020

For
(Signature)

.....
(Name & Title)

For
(Signature)

.....
(Name & Title)

(To be executed by authorized signatories of the Members of the Consortium, except the Lead

Member)

Witnesses:

1.

2.

(Notarised)

Accepted

.....

(Signature of the authorized signatory of the Lead Member)

(Name, Title and Address of the Attorney)

Instructions:

(1) The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required, the same should be under common seal affixed in accordance with the required procedure.

(2) Also, wherever required, the Members should submit for verification the extract of the charter documents and documents such as a board or shareholders' resolution/power of attorney in favour of the person executing this Power of Attorney for the delegation of power hereunder on behalf of the Member of the Consortium.

FORMAT 14: Declaration

(Required to be submitted by the Bidder on Original Letter Head of company)

We have carefully read and understood the enclosed Terms and Conditions of the RFP and agree to abide by them.

We declare that we are (please specify & tick mark the relevant point(s) and cross the others):

1. We declare that we have not been Black listed or otherwise for any Supply of Goods / Services / Works by any Ministry / Department / PSU of Central Government / Any of the State Government(s), anytime / anywhere in the Country Debarred or have failed to execute any previous work of MPUVN.
2. We solemnly undertake that the responsibility of execution of the Work as per the terms and conditions of the RFP/ Contract Agreement shall be entirely ours.
3. We declare that we have not taken any support from any of the independent Consultant or Consulting Agency who is associated with Nodal Agency in any form while preparing RFP.

If this Declaration is found to be incorrect or if any RFP Condition is found violated by us, then without prejudice to any other action our Bid Security may be forfeited in full and the Proposal to the Extent of Acceptance / anytime during Execution of Assignment may be cancelled.

(Signature of Authorized Signatory)

(Name & Designation in block letters)

ANNEXURE -1 – List of Substations along with Capacity

ANNEXURE – 2 – Model PPA

(The PPA is under discussion and will be added after finalization)

ANNEXURE -3 – Model Lease rent Agreement

MODEL LEASE AGREEMENT

This **AGREEMENT OF LEASE** entered into on this _____ day of _____ at _____.

BETWEEN:

(hereinafter referred to as the “**LESSOR/OWNER**”, which expression shall, wherever the context so requires or admits, SHALL mean and include his legal heirs, executors, administrators and assignees);

AND:

_____ (Name of Renewable Power Generator (RPG))

Represented by _____

(hereinafter referred to as the “**LESSEE**”, which expression shall, wherever the context so requires or admits, SHALL mean and include its executors, administrators and assignees successors in interest).

- I. **WHEREAS** the Lessor is the owner in possession of the Barren/ Agricultural land measuring _____ Acre Share out of Khasra No. _____ Patwari Halka Revenue District situated at Village/City _____ Tehsil _____ District which is more fully described in the Schedule hereunder and hereinafter referred to as the Schedule property.
- II. **WHEREAS** the _____ (Name of RPG) being a _____ (Details of RPG) with an object to plan, develop and operate Renewable Energy based Power Plant (REPP) under MNRE Scheme notified on 8th March 2019.
- III. (a) **WHEREAS** pursuant to the request of the Lessee, the Lessor has agreed to grant the lease, the Lessee has agreed to take on lease from the Lessor the land which is more fully described in Schedule written hereunder and hereinafter referred to as “**THE SCHEDULE PROPERTY**” for setting up of the “_____ Power Plant”.
- (b) That pursuant to the request of the Lessee, the Lessor has submitted an application under Section 172 of The MP Land Revenue Act 1959 for the conversion of the land and on behalf of the Lessor/owner the _____ (Name of RPG) shall presume that the land is deemed to have been converted for non-agricultural purposes.

IV. NOW THIS AGREEMENT OF LEASE WITNESSES THAT in consideration of the above and of the mutual covenants of the Parties hereto, the Lessor hereby grants and the Lessee hereby accepts the lease of the Schedule property on the following terms and conditions:

1. PURPOSE OF LEASE:

The grant of lease by the Lessor to the lessee in respect of the Schedule property is for the purpose of developing a _____ Power Plant under MNRE Scheme notified on 8th March 2019.

2. PERIOD OF THE LEASE

The period of this Lease shall be for Twenty-seven (27) years from this day which may be renewed at the option of the Lessee and Lessor for further period, on such mutually agreeable terms as may be agreed at the time of renewal, by both the parties, by executing and registering separate Lease Agreement.

3. RENT:

(a) The rent payable by the Lessee to the Lessor for the Schedule Property shall be Rs._____-/- (Rupees _____) only per annum per Acre. The portion of the land less than one Acre shall be calculated in terms of Square meter and the rent payable for the same shall be at Rs._____-/- per Square meter or part thereof, per annum.

OR

The rent payable by the Lessee to the Lessor after Commercial Operation of the power plant shall be Rs. _____per unit of total power generated from the power plant installed on the land of Lessor. Till the start of commercial operation of the plant, the rent shall be Rs._____-/- (Rupees _____) only per annum per Acre.

(b) The annual rent shall be paid in twelve equal instalments and each instalment to be paid by 5th day of every month, by crediting the same to the Lessor's Bank Account the details of which may be furnished by the Lessor from time to time.

OR

In case of lease rent on the basis of Rs. _____per unit, the monthly lease rent would be calculated on the basis of monthly electricity injected in to the grid from the power plant installed on the land of Lessor.

(c) Lessor may opt for payment of lease rent directly from the Distribution company, which will sign Power Purchase Agreement with Lessee for the above-mentioned _____Power Plant to be installed by Lessee. In such a case the Distribution company will pay the lease rent to Lessor on monthly basis from the proceeds payable to the Lessee in lieu of Power supplied by Lessee. In order to give this effect a suitable provision will be made in the PPA to be signed between Lessee and the Distribution Company.

(d) [on mutual agreement between Lessor and Lessee] The rent hereby reserved shall be paid by enhancing the same at the end of every _____ year(s), at ___% on the rent hereby agreed.

(e) If the Lessee delays the payment of rent by due date of every month, for any reason, the same shall be paid by adding the interest at the rate ___% for the said delayed period.

4. GENERAL TERMS :

- i. In consideration of the rent herein agreed as payable to the Lessor being paid by the Lessee regularly and on complying other terms and conditions and covenants by the Lessee, the Lessee shall peacefully possess and enjoy the **Schedule Property** during the lease period without any interruption by the Lessor.
- ii. The Lessor shall allow the Lessee or its representatives to conduct survey and other related work.
- iii. The Lessor has no objections for the Lessee to establish the _____ Power Plant in the Schedule property which is the purpose of the grant of this lease and to that effect the Lessee entering into any agreement/s, deeds with companies, individuals, developers/third party etc. in respect of the Schedule property.
- iv. The Lessor has no objections for the Lessee or its representatives for installation of machineries, equipments, etc. for generation of _____ power in the Schedule property and all work relating to thereto including but not limited to laying poles, wires, etc.

5. EVENT OF SALE, ACCEPTANCE OF LEASE BY THE NEW OWNER:

- a) In the event of the owners transferring their rights/interest in any manner during the existence of the lease to any other person, the same may be allowed without affecting the rights of the Lessee under the Lease Agreement in any manner and the owners/purchasers/transferees shall inform the Lessee about the acquiring of the right/interest in respect of the leased property and on receipt of such information, the Lessee shall accept such new purchaser's/transferee's ownership of the land and obtain a written confirmation from such new owner/purchaser/transferee to the effect that he will be bound by the terms of the Lease Agreement.
- b) In the event of the owners transferring their rights/interest to any other person, the same may be informed to the Lessee and the Lessor shall ascertain and obtain all the necessary documents from the transferee to the effect that the transferee will be bound by the terms and conditions of the Lease Agreement for the balance period of the lease or for using the said documents for renewal of the lease for the balance period.
- c) During the subsistence of the lease, the Lessor shall not carry any activity, in the Schedule property, other than those agreed in this agreement;

- d) The change in the legal status of the Lessee shall not affect the terms and conditions of this Agreement.
- e) The original Lease Agreement shall be with the Lessee and the copy of the same will be with the Lessor.
- f) In the event of any dispute in respect of the land, the Lessee shall deposit the rent in the concerned civil court. In the event of retention of the rent with the Lessee, the Lessee shall be pay the same together with interest thereon at the rate ___% for such period.
- g) The Lessee shall not offer or create any charge or encumbrance by offering the same as by way of mortgage, security, etc. in favour of any Banks or financial institutions in respect of the loans or advances or any other financial facilities that may be availed by the Lessee.
- h) The owners shall pay the land tax/revenue in respect of the lands.

6. PAYMENT OF STAMP DUTY AND REGISTRATION CHARGES:

The stamp duty and other registration charges, as applicable for this Agreement of Lease shall be paid by the Lessee.

7. FORCE MAJEURE:

It is also agreed and understood between the parties that in case of any mishap due to fire, earthquake, strike, floods, tempest, war, riot, civil war or civil commotions, mob violence, civil disturbance, act of God or on account of terrorist attack, the Lessor shall not be liable for any loss or damage that may be occasioned to the Lessee/its merchandise.

8. ADDRESSES FOR CORRESPONDENCE, ETC

Any notice and/or communications between the Parties shall be deemed to be sufficient, if delivered by hand under acknowledgement or sent by registered post acknowledgement due to the following address or the address that may be intimated in writing to the Lessee by the Lessor from time to time:

LESSOR'S

LESSEE'S:

9. LESSOR'S DUTIES, COVENANTS AND OBLIGATIONS

- a) The Lessor hereby covenants with the Lessee that the Lessee paying regularly the rents hereby reserved and performing and observing all the covenants of the Lessee herein contained, shall be entitled, during the subsistence of this lease to enjoy the Schedule property without let, hindrance or interference from the Lessor or any other person/s claiming through or under him; Still, in the event of the Lessee restrained from enjoying the peaceful possession of the Schedule property or on account of any action by the Government during the period of lease and in the event of dispossession of the Lessee from the Schedule property or any portion thereof forcibly, due to any default of the

Lessor, the Lessor shall make good the reasonable loss that may be suffered by the Lessee.

- b) The Lessor shall offer necessary support and co-operation to the Lessee in its process to obtain required permission/s, approval/s, clearances, etc., from any Statutory Authority or other Local Bodies for the purpose of obtaining and licence, permissions, etc., for installation of power plant. However, obtaining such permission/s, approval/s, clearances, etc., shall be the sole responsibility of Lessee.

10. LESSEE'S COVENANT AND OBLIGATIONS

The Lessee hereby covenants with the Lessor as under:

- (a) The Schedule property shall be utilised for the purpose referred to in Clause (1) above;
- (b) The Lessee shall pay the rents (as per Clause (3)) regularly and promptly;

11. TERMINATION AND RE-ENTRY

The Lease shall be determinable under all or any of the following circumstances, namely–

- i. by efflux of time;
- ii. in the event of breach by either party of the terms, conditions and covenants hereof;
- iii. if the Scheduled Premises or any part thereof is severely damaged or destroyed due to any unforeseen circumstances or civil commotion, act of God, etc., and these damages be not restored to by the LESSOR within a reasonable time or if the demised premises is acquired compulsorily by any authority;
- iv. After the expiry of lease period, the Lessee shall handover the land to the Lessor as it was existed previously at the time of this agreement (subject to normal wear and tear).

12. VARIATION:

The Lessor and the Lessee hereto acknowledge that this agreement supersedes all prior communications between them including all oral or written proposals. Any variation, addition and modifications of this agreement between the parties shall be valid only if in writing by the Lessor and Lessees authorized representative.

13. ARBITRATION:

- a) Any disputes or differences arising between the Parties hereto as to the effect, interpretation or application any of the clauses of this LEASE AGREEMENT or as to their rights, duties or liabilities there under, or as to any act, matter or thing arising out of, or consequent to, or in connection with this LEASE AGREEMENT shall be referred to and resolved by Arbitration Tribunal of Madhya Pradesh under Madhya Pradesh Madhyastham Adhikaran Adhiniyam, 1983 (No. 29 of 1983) and its Amendments or any

other Enactment. The Arbitration proceedings shall be held at _____ and shall be in English/_____ Language.

- b) This LEASE AGREEMENT shall be governed by the laws of India. The Courts at _____ alone shall have the jurisdiction to entertain and or try any dispute arising out of or in connection with or in relation to the terms of this LEASE AGREEMENT.

IN WITNESS WHEREOF the parties hereto have executed these presents in the presence of the witnesses attesting hereunder on the day, month and year mentioned hereinabove.

LESSOR

LESSEE

WITNESSES:

1.

2.

NAME OF CIRCLE	NAME OF DIVISION	NAME OF SUBSTATION	CO-ORDINATES		Final Injectable capacity
			LATTITUDE	LONGITUDE	
CITY CIRCLE BHOPAL	NORTH	Bairagarh	23.269696	77.330977	2
		Aerodurm	23.288059	77.349347	2
		New Chhola	23.278216	77.407054	2
		Rajeev Gandhi	23.315038	77.363611	2
		Bajpai Nagar	23.264558	77.404094	2
		Gondermau	23.30341	77.35463	2
		Kohefiza	23.269534	77.373111	2
		IT PARK	23.313696	77.369538	2
	SOUTH	HOD	23.234786	77.41975	2
		Banganga	23.241289	77.398892	2
		Char Imli	23.216396	77.423856	2
		Bhadbhada	23.229493	77.38813	2
		Habibgunj	23.208882	77.442278	2
		Kotra	23.209997	77.397569	2
		Prempura	23.205339	77.367869	2
		Rivera	23.220674	77.402545	2
		Chunabhatti	23.202247	77.418901	2
	MVM	23.244444	77.407491	2	
	EAST	Industrial	23.2628	77.446183	2
		Chandbad	23.2678755	77.4191	2
		Damkheda	23.2818692	77.464528	2
		Rajeev Nagar	23.269638	77.4782869	2
		Polce housing	23.293297	77.380892	2
		Maple Tree	23.303574	77.379272	2
		Maholi	23.533156,	77.326725	2
	WEST	Shahpura	23.199993	77.420907	2
		E-8	23.186433	77.433409	2
		Saket Nagar	23.212385	77.457222	2
		Rachna Nagar	23.243567	77.435684	2
		Amravad Khurd	23.214705	77.497437	4
		Rohtas Nagar	23.179762	77.437608	2
		ISBT	23.230534	77.444823	2
		Aakriti Neev	23.17112	77.440145	2
Crystal		23.234272	77.441452	2	
Sabji Farm		23.235706	77.400232	2	
Amrit Kutiram		23.255817	77.436103	2	
Barrai		23.185973	77.500147	2	
Salaiya	23.179672	77.437523	2		

Name of circle	Name of Division	Name of village with Tehsil	Location of 33kv Substation (Latitude and Longitude)	Latitude	Longitude	Final Injectable capacity
O&M Bhopal	Budni	Shahganj (Tehsil - Budni)	Shahganj	22.8912	77.8051	2.00
O&M Bhopal	Budni	Jawaharkheda (Tehsil - Budni)	Jawaharkheda	22.8674	77.8605	2.00
O&M Bhopal	Budni	Amon (Tehsil - Budni)	Amon	22.8898	77.9390	2.00
O&M Bhopal	Budni	Gadar (Tehsil - Budni)	Gadar	22.9278° N	77.9253° E	2.00
O&M Bhopal	Budni	Narayanpur (Tehsil - Budni)	Narayanpur	22.8507	77.9377	2.00
O&M Bhopal	Budni	Budhni (Tehsil - Budni)	Budhni	22.7931	77.6839	2.00
O&M Bhopal	Budni	Mana-Budhni (Tehsil - Budni)	Mana-Budhni	23.5644	77.0363	2.00
O&M Bhopal	Budni	Nakti-Talai (Tehsil - Rehti)	Naktitalai	22.7223	77.5180	2.00
O&M Bhopal	Budni	Mardanpur (Tehsil - Rehti)	Mardanpur	22.6635	77.4736	4.00
O&M Bhopal	Budni	Rehti (Tehsil - Rehti)	Rehti	22.7311	77.4295	2.00
O&M Bhopal	Budni	Ramgarha (Tehsil - Rehti)	Ramgarha	22.7611	77.3807	2.00
O&M Bhopal	Budni	Basaniya (Tehsil - Rehti)	Basaniya	22.7167	77.4094	2.00
O&M Bhopal	Budni	Jontala (Tehsil - Budni)	Jontala	22.7831	78.0010	2.00
O&M Bhopal	Budni	Shyamu gaon (Tehsil - Rehti)	Shyamu gaon	22.6394	77.3731	2.00
O&M Bhopal	Budni	Jahajpura (Tehsil - Rehti)	Jahajpura	22.683	77.5775	2.00
O&M Bhopal	Bhopal	Nayapura	Kolar Road	23.164996	77.418474	2.00
O&M Bhopal	Bhopal	Sankhedi	Kolar Road	23.16019	77.43313	2.00
O&M Bhopal	Bhopal	Kajlikheda	Kolar Road	23.1085	77.4007	2.00
O&M Bhopal	Nasrullaganj	NASRULLAGANJ	N,ganj (Nganj)	22.6869	77.26189	2.00
O&M Bhopal	Nasrullaganj	SEELKANTH	SEELKANTH(Nganj)	22.59089	77.23377	2.00
O&M Bhopal	Nasrullaganj	RAFIQGANJ	RAFIQGANJ(Nganj)			2.00
O&M Bhopal	Nasrullaganj	RALA	RALA(Nganj)	22.69331	77.29817	2.00
O&M Bhopal	Nasrullaganj	ITAWA KHURD	ITAWA KHURD(Nganj)			2.00
O&M Bhopal	Nasrullaganj	VASUDEO	VASUDEO (Nganj)	22.69071	77.14146	2.00
O&M Bhopal	Nasrullaganj	HAMEEDGANJ	HAMEEDGANJ (Nganj)	22.727796	77.07292	2.00
O&M Bhopal	Nasrullaganj	GILLORE	Nayagonv(Nganj)	22.64423	77.19542	2.00
O&M Bhopal	Nasrullaganj	BHADAKUI	Chhidganov(Nganj)	22.72615	77.24968	2.00
O&M Bhopal	Nasrullaganj	PANCHORE	PANCHORE (Nganj)	22.76502	77.24177	2.00
O&M Bhopal	Nasrullaganj	SHYAMUGAON	SHYAMUGAON(Nganj)	22.63942	77.37313	2.00
			Grand Total			

Name of Circle	Name of Division	Name of Village with Tehsil	Location of 33 KV Substation (Latitude and Longitude)		Final Injectable capacity
			Latitude	Logitude	
Betul Circle	Betul(N)	Jeen	21.954432	77.711296	2
Betul Circle	Betul(N)	Chillore	21.841680	77.318507	2
Betul Circle	Betul(N)	Hardu	22.062658	77.663627	2
Betul Circle	Betul(N)	Chunahajuri	22.062548	77.586915	2
Betul Circle	Betul(N)	Ratanpur	22.024889	77.582065	2
Betul Circle	Betul(N)	Likhadi(Kalmeshwara)	22.044689	78.309263	2
Betul Circle	Betul(N)	Shahpur	22.188405	77.908546	2
Betul Circle	Betul(N)	Bhoura	22.275525	77.866734	2
Betul Circle	Betul(N)	Malajpur	22.025347	77.717822	2
Betul Circle	Betul(N)	Guruapipriya	21.923121	77.310180	2
Betul Circle	Betul(N)	Damjipura	21.731243	77.144255	2
Betul Circle	Betul(N)	Barjorpur	22.194408	77.657001	2
Betul Circle	Betul(N)	Gondara	21.983883	77.756097	2
Betul Circle	Betul(N)	Siplai	21.965164	77.626201	2
Betul Circle	Betul(S)	Temburni	21.627457	77.998439	2
Betul Circle	Betul(S)	Padhar	22.037876	77.863712	2
Betul Circle	Betul(S)	Khandara	21.925378	77.977105	2
Betul Circle	Betul(S)	Chandu	21.760104	77.569401	2
Betul Circle	Betul(S)	Mandai	21.947950	77.807955	2
Betul Circle	Betul(S)	Koshmi	21.901821	77.872669	2
Betul Circle	Betul(S)	Navapur	21.630359	77.653939	2
Betul Circle	Betul(S)	Khomai	21.398103	77.648140	2
Betul Circle	Betul(S)	Jamthi	21.937220	77.870389	2
Betul Circle	Betul(S)	Bajpur	21.898356	77.946661	2
Betul Circle	Betul(S)	Maramjhiri	21.931752	77.887004	2
Betul Circle	Betul(S)	Goregaon	21.722787	77.662756	2
Betul Circle	Betul(S)	Bhayawadi(Bharkawadi)	21.832848	77.932565	2
Betul Circle	Betul(S)	Mandvi	21.677900	77.885574	2
Betul Circle	Betul(S)	Hidli	21.530011	77.936103	2
Betul Circle	Betul(S)	Goundi Goula	21.801469	77.954270	2
Betul Circle	Betul(S)	Sakadehi	21.986897	77.861211	2
Betul Circle	Betul(S)	Sawalmendha	21.517084	77.698115	2
Betul Circle	Betul(S)	Jawara	21.789778	78.011082	2
Betul Circle	Betul(S)	Satner	21.598025	77.820741	2
Betul Circle	Betul(S)	Ratamati	21.854348	77.763811	2
Betul Circle	Betul(S)	Kolgaon	21.757616	77.893216	2
Betul Circle	Multai	Ashta	21.656209	78.163900	2
Betul Circle	Multai	Pouni	21.704894	78.047301	2
Betul Circle	Multai	Sarra	21.843739	78.250731	2
Betul Circle	Multai	Dunawa	21.866093	78.496390	2
Betul Circle	Multai	Tiwarkhed	21.597134	78.229333	2
Betul Circle	Multai	Dahuwa	21.804286	78.364013	2
Betul Circle	Multai	Ghatbiroli	21.742917	78.390070	2
Betul Circle	Multai	Rai Amla	21.676932	78.181985	2
Betul Circle	Multai	Gehubarsa	21.538443	78.011433	2
Betul Circle	Multai	Chikhali Kala	21.801749	78.351810	2
Betul Circle	Multai	Narkhed	21.701110	78.263981	2
Betul Circle	Multai	Sandiya	21.742608	78.218689	2
Betul Circle	Multai	Chikhali Khurd	21.783614	78.278268	2

Name of circle	Name of Division	Name of village with tehsil	Location of 33kv S/s (Latitude and Longitude)	Final Injectible capacity
HOSHANGABAD	HOSHANGABAD	CHATARKHEDA/ SEONI MALWA	CHATARKHEDA./22.510149,77.464004	2
HOSHANGABAD	HOSHANGABAD	UNDRAKHEDI/ HOSHANGABAD	UNDRAKHEDI./22.658985,77.732764	2
HOSHANGABAD	HOSHANGABAD	PALANPUR/ DOLARIYA	PALANPUR/22.679674,77.652439	2
HOSHANGABAD	HOSHANGABAD	TIGARIYA/DOLARIYA	TIGARIYA/22.661617,77.558559	2
HOSHANGABAD	HOSHANGABAD	NANDARWADA/ SEONI MALWA	NANDARWADA/22.447203,77.58929	2
HOSHANGABAD	HOSHANGABAD	SHIVPUR/ SEONI MALWA	SHIVPUR/22.519259,77.311863	2
HOSHANGABAD	HOSHANGABAD	GURANJGHAT/ SEONI MALWA	GURANJGHAT/22.366777,77.356748	2
HOSHANGABAD	HOSHANGABAD	BABRIGHAT/ SEONI MALWA	BABRIGHAT/22.584651,77.389824	2
HOSHANGABAD	HOSHANGABAD	ARCHANAGAON/ SEONI MALWA	ARCHANAGAON/22.555983,77.233881	2
Hoshanagad	itarsi	itarsi	GREND AV.(LKG)22.626143,77.756044	2
Hoshanagad	itarsi	itarsi /Jamani	Jamani /22.5399892,77.7174307	2
Hoshanagad	itarsi	itarsi /Dhurpan	Dhurpan/ 22.598512,77.723281	2
Hoshanagad	itarsi	itarsi /Dhokeda	Dhokeda/22645512,77.790136	2
Hoshanagad	SOHAGPUR	BIKORE	BIKORE/22.7961633,77.8822211	2
Hoshanagad	SOHAGPUR	RANIGUHAN	RANIGUHAN/22.8097997,78.1586802	2
Hoshanagad	SOHAGPUR	BABAI	BABAI/22.7136068,77.8977226	2
Hoshanagad	SOHAGPUR	BACHBADA	BACHBADA/22.80276,77.953063	2
Hoshanagad	SOHAGPUR	CHARGAO	CHARGAO/22.6489752,78.1728371	2
Hoshanagad	SOHAGPUR	SANGAKHEDA	SANGAKHEDA/22.7931484,77.8101412	2
Hoshanagad	SOHAGPUR	BHOKHEDI	BHOKHEDI/22.776584,78.1794504	2
Hoshanagad	SOHAGPUR	RAMNAGAR	RAMNAGAR/22.774709,78.0904453	2
Hoshanagad	SOHAGPUR	SODRA	SODRA/22.8162797,78.1953853	2
Hoshanagad	SOHAGPUR	MOHASHA	MOHASHA/22.770889,77.8320254	2
Hoshanagad	SOHAGPUR	MACCHA	MACCHA/22.8850507,77.9819326	2
Hoshanagad	PIPARIYA	Bankhedi, Bankhedi	22.766507/78.523127	2
Hoshanagad	PIPARIYA	Dharpura, Bankhedi	22.861563/78.443302	2
Hoshanagad	PIPARIYA	Fajjusalaiya, Bankhed	22.927398/78.55865	2
Hoshanagad	PIPARIYA	Karpa, Bankhedi	22.896549/78.484504	2
Hoshanagad	PIPARIYA	Purenakala, Bankhedi	22.911895/78.447508	5
Hoshanagad	PIPARIYA	Kursidhana, Bankhedi	22.777733/78.49185	2
Hoshanagad	PIPARIYA	Posera, Pipariya	22.816277/78.410937	5
Hoshanagad	PIPARIYA	Shankhni, Pipariya	22.84934/78.408031	4
Hoshanagad	PIPARIYA	Machherakala, Bankhedi	22.817419/78.547769	2
Hoshanagad	PIPARIYA	Pipariya, Pipariya	22.731103/78.354965	2
Hoshanagad	PIPARIYA	Khairikala, Pipariya	22.688995/78.317014	4
Hoshanagad	PIPARIYA	Mohgaon, Pipariya	22.611356/78.448216	3.15
Hoshanagad	PIPARIYA	Nandwada, Pipariya	22.70533/78.420105	2
Hoshanagad	PIPARIYA	Dahalwada, Bankhedi	22.759958/78.570363	2
Hoshanagad	PIPARIYA	Kemdhana, Bankhedi	22.741221/78.500361	2
Hoshanagad	PIPARIYA	Semritala, Pipariya	22.898262/78.393463	4
Hoshanagad	PIPARIYA	Tutadahawada, Pipariya	22.731068/78.420456	8
Hoshanagad	PIPARIYA	Nandnaparaswada, Bankhedi		4
Hoshanagad	Harda	Undrakatch/Rehatgaon	22'20'03.83N/77'17'3.57'E	2
Hoshanagad	Harda	Ratatalai/Handiya	22.424997 / 76.927326	2
Hoshanagad	Harda	Relwa/Handiya	22.387799 / 76.975402	2
Hoshanagad	Harda	Abgaon Khurd/Harda	22.383447 / 77.110055	2
Hoshanagad	Harda	Charkheda/Timarani	22.354941/77.176903	2
Hoshanagad	Harda	Kartana / Timarani	22.477642 / 77.177568	2
Hoshanagad	Harda	Tajpura / Timarani	22.555151 / 77.177309	2
Hoshanagad	Harda	Sonpura/ Sirali	22.084943 / 77.090926	2

Name of circle	Name of Division	Name of village with tehsil	Location of 33kv S/s (Latitude and Longitude)	Final Injectable capacity
Hoshanagad	Harda	Mandisel / Sirali	22.117874 / 77.030687	2
Hoshanagad	Harda	Magardha//Harda	22.157214/ 77.157755	2
Hoshanagad	Harda	Jhadpa //Harda	22.195021 / 77.172559	2
Hoshanagad	Harda	Rahtakala / Sirali	22.182482 / 77.018978	2
Hoshanagad	Harda	Gahal//Harda	22.20071 / 77.084746	2
Hoshanagad	Harda	Edabeda / Handiya	22.349338 / 76.963383	2
Hoshanagad	Harda	Kankariya//Harda	22.272718 / 76.98116	2
Hoshanagad	Harda	Khirkiya/Khirkiya	22.162531/ 76.862574	2
Hoshanagad	Harda	Kharad /Khirkiya	22.25341 / 76.885561	2
Hoshanagad	Harda	Somgaon / Sirali	22.082798 / 76.995526	2
Hoshanagad	Harda	Temlawadi/Khrikiya	22.063964 / 76.893465	2
Hoshanagad	Harda	Jhadbida /Rehatgaon	22.25832 / 77.284666	2
Hoshanagad	Harda	Rajabrarai /Rehatgaon	22.2438910 / 77.255854	2

Name of Circul	Name of Division	Name of Village With tehsil	Location of 33 KV Substation (Latitude And	<i>Final Injectable capacity</i>
SEHORE	SEHORE	VAISHALINAGAR , SEHORE	LT 23.201116 LG 77.098358	4
sehore	Ashta	33 KV Sub-Station Semnary. Ashta	23.13839 - 76.729801	2
sehore	Ashta	jawar , Jawar	22.988172 - 76.5060072	2

CIRCLE	DIVISION	Name of Village with Tehsil	LAT	LONG	Final Injectable capacity
VIDISHA	VIDISHA	33/11 KV SUBSTATION AHAMADPUR ROAD/Vidisha	23.520609	77.8105985	2
VIDISHA	VIDISHA	33/11 KV SUBSTATION THARR/Vidisha	23.5113043	77.9588067	2
VIDISHA	VIDISHA	33/11 KV SUBSTATION MANORA/Gyayraspur	23.8048588	78.1965765	2
VIDISHA	VIDISHA	33/11 KV SUBSTATION IDGAH/Vidisha	23.5116234	77.7979526	2
VIDISHA	VIDISHA	33/11 KV SUBSTATION KHAMKHEDA/vidisha	23.5814485	77.6346608	2
VIDISHA	VIDISHA	33/11 KV SUBSTATION PAUANALA/Vidisha	23.5496398	77.5345865	2
VIDISHA	VIDISHA	33/11 KV SUBSTATION DHOLKHEDI/Vidisha	23.5661445	77.7889474	2
VIDISHA	VIDISHA	33/11 KV SUBSTATION GYARASPUR	23.6750779	78.1117677	2
VIDISHA	VIDISHA	33/11 KV SUBSTATION HASUA/Vidisha	23.476448	77.8970535	2
VIDISHA	VIDISHA	33/11 KV SUBSTATION GULABGANJ/Gulab ganj	23.686041	77.907726	2
VIDISHA	VIDISHA	33/11 KV SUBSTATION HINOTIYA/Vidisha	23.7160358	77.7858374	2
VIDISHA	VIDISHA	33/11 KV SUBSTATION KAGPUR/Vidisha	23.7442611	77.7985799	2
VIDISHA	VIDISHA	33/11 KV SUBSTATION SATPADA/Shamsabad	23.6989615	77.6852616	2
VIDISHA	VIDISHA	33/11 KV SUBSTATION NATERN/Natern	23.7737994	77.7654512	2
VIDISHA	VIDISHA	33/11 KV SUBSTATIONNAYAGOLA/Natern	23.827398	77.8252957	2
VIDISHA	VIDISHA	33/11 KV SUBSTATION SOMWARA/Natern	23.8883429	77.7881229	2
VIDISHA	VIDISHA	33/11 KV SUBSTATION TILAKHEDI/Vidisha	23.4965173	77.8256497	2
VIDISHA	BASODA	33/11 KV SUBSTATION BANWA BASODA/Basoda	23.8418997	77.9203763	2
VIDISHA	BASODA	33/11 KV SUBSTATION UDAIPUR/Basoda	23.8942366	78.052921	2
VIDISHA	BASODA	33/11 KV SUBSTATION SIRNOTA/Basoda	23.7958108	78.0908485	2
VIDISHA	BASODA	33/11 KV SUBSTATION BARWAI/Kurwai	24.1691954	77.9593169	2
VIDISHA	BASODA	33/11 KV SUBSTATION KANJNA PATHAR/Basoda	23.8972425	77.9772955	2
VIDISHA	BASODA	33/11 KV SUBSTATIONDEEPNAKHEDA/Sironj	24.2378905	77.8237628	2
VIDISHA	BASODA	33/11 KV SUBSTATION PIPARIYA HAT/Sironj	24.0989967	77.6532944	4
VIDISHA	BASODA	33/11 KV SUBSTATION UHAR/Sironj	23.9948229	77.8103209	2
VIDISHA	BASODA	33/11 KV SUBSTATION AMBANAGAR/Basoda	23.9158067	77.8983594	2
VIDISHA	BASODA	33/11 KV SUBSTATIONANANDPUR/Lateri	24.1626716	77.4380984	4
VIDISHA	BASODA	33/11 KV SUBSTATION KAKRAWADA/Basoda	23.8232642	78.0062935	2
VIDISHA	BASODA	33/11 KV SUBSTATIONPATHARI/Pathari	23.9405421	78.2277736	2
VIDISHA	BASODA	33/11 KV SUBSTATION KAKARUA/Basoda	24.0344615	78.0250304	2
VIDISHA	BASODA	33/11 KV SUBSTATION SUNKHER/Lateri	23.1513041	77.4062575	4
VIDISHA	BASODA	33/11 KV SUBSTATIONALIGARH KOTRA/Lateri	23.9494791	77.3411801	2
VIDISHA	BASODA	33/11 KV SUBSTATION MADANKHEDI/Sirnoj	24.0645086	77.4285936	4
VIDISHA	VIDISHA	33/11 KV SUBSTATION JHIRNIYA/Vidisha	23.4758056	78.0352929	4
VIDISHA	VIDISHA	33/11 KV SUBSTATION DHANWAS	23.9365229	77.5198628	4
VIDISHA	BASODA	33/11 KV SUBSTATION KASBA BAGROD/Pathari	23.7226817	78.2138894	2
VIDISHA	BASODA	33/11 KV SUBSTATION KULHAR/Baosda	23.9718632	78.0590217	4
VIDISHA	BASODA	33/11 KV SUBSTATION BAIRO BABA/Sironj	24.104783	77.677081	2
VIDISHA	BASODA	33/11 KV SUBSTATION BAREJ/Sironj	24.155757	77.810464	2
VIDISHA	BASODA	33/11 KV SUBSTATION DEOPUR/Sironj	24.162896	77.610921	2
VIDISHA	VIDISHA	33/11 KV SUBSTATION BAGRI/Vidisha	23.5605165	77.7586891	4
VIDISHA	VIDISHA	33/11 KV SUBSTATION PATHARIYA PATHAR/Vidisha	23.543	77.605	2
VIDISHA	VIDISHA	33/11 KV SUBSTATION SALAKHEDI (BARODA)/Shamsabad	23.813	77.495	2
VIDISHA	VIDISHA	33/11 KV SUBSTATION GHOSUA/Vidisha	23.523	77.813	4
VIDISHA	BASODA	33/11 KV SUBSTATION BEDANKHEDI/Basoda	23.851	77.926	2

Name of Circle	Name of Division	Name Of Village with Tehsil	Name of S/s	Location of 33 kv sub-station (Latitude and Longitude)		Final Injectable capacity
				LATITUDE	LONGITUDE	
Rajgarh	Rajgarh	Rajgarh, Rajgarh	COLLECTORATE	24°00'38.5"N	76°43'02.2"E	2
Rajgarh	Rajgarh	Kila Amargarh, Rajgarh	Kila Amargarh	24°05'15.1"N	76°53'05.3"E	2
Rajgarh	Rajgarh	Jhanjhadpur, Rajgarh	Jhanjhadpur	24°03'39.5"N	76°46'09.7"E	2
Rajgarh	Rajgarh	Bhojpur, Khilchipur	Bhojpur	24°08'11.7"N	76°30'33.1"E	2
Rajgarh	Rajgarh	SATANKHEDI, Khilchipur	SATANKHEDI	24°06'47.3"N	76°33'05.9"E	4
Rajgarh	Zeerapur	Bangpura, Zeerapur	Bangpura	24°06'24.5"N	76°25'59.1"E	2
Rajgarh	Zeerapur	RAJPURA(BATEDIYA), Zeerapur	RAJPURA(BATEDIYA)	24°11'24.5"N	76°24'06.3"E	2
Rajgarh	Rajgarh	Bamaniyakhedi, Khilchipur	Bamaniyakhedi	24°13'52.7"N	76°41'18.8"E	2
Rajgarh	Rajgarh	Bamangaon, Khilchipur	Bamangaon	23°53'19.9"N	76°34'03.3"E	2
Rajgarh	Rajgarh	Jhadmau, Zeerapur	Jhadmau	23°56'10.4"N	76°23'18.6"E	2
Rajgarh	Rajgarh	Sabarsia, Khujner	Sabarsia	23°47'60.0"N	76°27'03.2"E	2
Rajgarh	Zeerapur	DAGLIYA BAJRON, Zeerapur	DAGLIYA BAJRON	23°57'21.8"N	76°27'00.1"E	2
Rajgarh	Rajgarh	Balaheda, Zeerapur	Balaheda	23°54'56.5"N	76°21'20.9"E	2
Rajgarh	Zeerapur	Machalpur, Zeerapur	Machalpur	24°07'43.9"N	76°18'29.0"E	2
Rajgarh	Zeerapur	Bhagora, Zeerapur	Bhagora	24°09'40.3"N	76°15'00.9"E	2
Rajgarh	Zeerapur	Kharpa, Zeerapur	Kharpa	24°02'57.3"N	76°18'53.0"E	2
Rajgarh	Zeerapur	DHANODA, Zeerapur	DHANODA	24°12'20.1"N	76°15'01.4"E	2
Rajgarh	Zeerapur	Zeerapur, Zeerapur	Zeerapur	24°00'59.5"N	76°22'23.8"E	4
Rajgarh	Zeerapur	DHATRAWADA, Zeerapur	DHATRAWADA	24°00'19.1"N	76°16'56.1"E	4
Rajgarh	Rajgarh	AKVN(Bilapura), Pachore	AKVN(Bilapura)	23°42'24.3"N	76°42'52.0"E	2
Rajgarh	Rajgarh	PANIYA (lasudliya), Pachore	PANIYA (lasudliya)	23°44'00.9"N	76°46'42.4"E	2
Rajgarh	Rajgarh	Goriyakheda, Khujner	Goriyakheda	23°47'44.8"N	76°42'40.3"E	2
Rajgarh	N.Garh	LASKARPUR, N"garh	LASKARPUR	23°34'30.6"N	77°06'01.8"E	2
Rajgarh	N.Garh	Kotra, N"garh	Kotra	23°37'33.4"N	77°06'24.4"E	2
Rajgarh	N.Garh	J.G.Chouhan, N"garh	J.G.Chouhan	23°36'28.1"N	77°01'53.0"E	2
Rajgarh	N.Garh	SEEKA, N"garh	SEEKA	23°32'49.8"N	76°50'55.2"E	4
Rajgarh	N.Garh	Bawdikheda, N"garh	Bawdikheda	23°30'38.3"N	76°43'26.9"E	2
Rajgarh	Biaora	Khajuriya, Biaora	Khajuriya	23°49'20.0"N	76°53'58.0"E	2
Rajgarh	Biaora	NAPANERA, Suthaliya	NAPANERA	24°02'57.7"N	77°04'05.7"E	4
Rajgarh	Biaora	Semlapar, Suthaliya	Semlapar	23°51'14.0"N	77°12'02.8"E	2

Name of Circle	Name of Division	Name of Village with Tehsil	Location of 33kV Substation			<i>Final Injectable capacity</i>
				Latitude	Longitude	
Raisen	Raisen	Begumganj	Begumganj	23.596733	78.341808	2
Raisen	Bareli	Bareli	Bareli Town	23.001003	78.231059	2
Raisen	Bareli	Bareli	Kamtone	23.012767	78.24231	4
Raisen	Bareli	Udaipura	Udaipura	23.081492	78.497278	2

Name of Circle	Name of Division	Name of Village with tehsil	Location of 33 KV Substation (Latitude and Longitude)	Final Injectable capacity (MW)
Anuppur	Anuppur	Village- Anuppur, Tehsil- Anuppur	Lat-23.131015, Long-81.699197	2
Anuppur	Anuppur	Village- Jaithari, Tehsil-Jaithari	Lat-23.051025, Long-81.791853	2
Anuppur	Anuppur	Village- Kotma, Tehsil- Kotma	Lat-23.210324, Long-81.978020	2
Anuppur	Anuppur	Village- Nigwai, Tehsil- Kotma	Lat-23.289645, Long-82.003420	2
Anuppur	Anuppur	Village- Pasan, Tehsil- Anuppur	Lat-23.157972, Long-81.952548	2
Anuppur	Anuppur	Village- Parasi, Tehsil- Anuppur	Lat-23.133020, Long-81.888757	2
Anuppur	Anuppur	Village- Rajendragram, Tehsil- Rajendragram	Lat- 22.933531, Long-81.605339	2

NAME OF CIRCLE	NAME OF DIVISION	NAME OF VILLAGE WITH TEHSIL	LOCATION OF 33 KV Substation (Latitude and Longitude)	Final Injectable capacity (MW)
Balaghat	Balaghat	Garra, Tehsil- Lalbarra	21.48 & 80.15	4
Balaghat	Balaghat	Mohgaon (Dhapera), The.- Lalbarra	21.93 & 80.05	4
Balaghat	Balaghat	Hatta, Tehsil- Balaghat	22.31 & 80.90	2
Balaghat	Balaghat	Kirnapur, Tehsil- Kirnapur	21.62 & 80.33	2
Balaghat	Balaghat	Kakodi, Tehsil- Kirnapur	21.35 & 80.27	2
Balaghat	Balaghat	Bhanegaon, Tehsil- Lanji	21.55 & 80.41	2
Balaghat	Balaghat	Aawa ,Tehsil- Lanji	21.50 & 80.43	4
Balaghat	Balaghat	Lanji, Tehsil- Lanji	21.50 & 80.55	2
Balaghat	Balaghat	Dongargaon , Tehsil - Lanji	21.40 & 80.55	3
Balaghat	Balaghat	Moti nagar Balaghat, Tehsil- Balaghat	21.48 & 80.11	2
BALAGHAT	WARASEONI	WARASEONI,Te hsil- WARASEONI	21.7666 & 80.0498	2

Name Of Circle	Name Of Division	Name Of Village With Tahsil	Location of 33 kv Substation (Longitude and Latitude)	Final Injectable capacity (MW)
2	3	4	5	
Chhatarpur	Chhatarpur (T)	MPEB Colony (Tas. Chhatarpur)	24.887198, 79.594899	2
	Chhatarpur (T)	Saura (Tas. Chhatarpur)	24.932669, 79.577144	2
	Chhatarpur (T)	By Pass Road (Tas. Chhatarpur)	24.936739, 79.598099	2
	Chhatarpur (T)	Bakayan (Tas. Chhatarpur)	24.909474, 79.578664	2
	Chhatarpur (R)-1	Dharari (Tas. Chhatarpur)	24.86275, 79.55136	2
	Chhatarpur (R)-1	Matguwan (Tas. Chhatarpur)	24.79671, 79.47541	2
	Nowgong (T)	Navoday (Tahs. Nowgong)	25.03739, 79.4645	4
	Nowgong (R)	Garroli (Tahs. Nowgong)	25.42691, 79.204522	4
	Maushahnia	Mausahaniya (Tahs. Nowgong)	25.01368, 79.49091	2
	Maushahnia	Lugasi (Tahs. Nowgong)	25.06653, 79.66389	2
	Maushahnia	Devpur (Tas. Chhatarpur)	24.99538, 79.51883	2
	Harpalpur	Alipura (Tahs. Nowgong)	25.168904, 79.3499	2
	Harpalpur	Harpalpur (Tahs. Nowgong)	25.27927, 79.337388	2
	Ishanagar	Ishanagar (Ttahs. Chhatarpur)	24.5119, 79.2318	8
	Ishanagar	Panotha (Ttahs. Chhatarpur)	24.5340, 79.2820	2
	Gulganj	Gulganj (Ttahs. Bijawar)	24.4114, 79.3159	2
	Badamalehra	Darguwan (Ttahs. Badamalehra)	24.44421, 79.27742	2
	Badamalehra	Sadwa (Ttahs. Badamalehra)	24.48845, 79.27549	4

	BUXWAHA	Buxwaha (Tahs. Buxwaha)	24.2524, 79.2833	4
	BUXWAHA	Bamhori (Tahs. Ghuwara)	24.2073, 79.1326	4
	Ghuwara	Bhagwa (Tahs. Ghuwara)	24.5629807, 79.16685682	2
	Ghuwara	Ghuwara (Tahs. Ghuwara)	24.5144482, 79.0810454	2
	Ghuwara	Bamnora (Tahs. Ghuwara)	24.4938842, 79.0777454	4
	Chhatarpur (R)	Niwari (Hama) (Tas. Chhatarpur)	24.977949, 79.631870	2
	Chhatarpur (R)	Boodha (Tas. Chhatarpur)	24.825798, 79.622654	2
Chhatarpur	Khajuraho	Khajuraho, Rajnagar	Lat. 24.85577 Lng. 79.92242	2
Chhatarpur	Khajuraho	Akona, Rajnagar	Lat. 24.84349 Lng. 80.04154	4
Chhatarpur	Khajuraho	Toriya Tek, Rajnagar	Lat. 24.74662402 Lng. 79.98669734	4
Chhatarpur	Khajuraho	Basari, Rajnagar	Lat. 24.81371 Lng. 79.71995	4
Chhatarpur	Khajuraho	Ganj, Rajnagar	Lat. 24.79100951 Lng. 79.7945219	4
Chhatarpur	Khajuraho	Jhamtuli, Rajnagar	Lat. 24.71371307007407 Lng. 79.78957828134298	4
Chhatarpur	Khajuraho	Karri, Rajnagar	Lat. 24.86287 Lng. 79.71297	4
Chhatarpur	Khajuraho	Vikrampur, Rajnagar	Lat. 24.9114 Lng. 79.81921	4
Chhatarpur	Khajuraho	Kishanpura, Rajnagar	Lat. 24.98521 Lng. 79.90344	2
Chhatarpur	Khajuraho	Gomakala, Rajnagar	Lat. 24.95868 Lng. 79.8449	4
Chhatarpur	Khajuraho	Dumra, Rajnagar	Lat. 25.07293 Lng. 79.9158	4
Chhatarpur	Khajuraho	Gadimalhera, Maharajpur	Lat. 25.04750568220669 Lng. 79.67777945101261	4
Chhatarpur	Khajuraho	Kushma, Maharajpur	Lat. 25.0199 Lng. 79.75198	4
Chhatarpur	Khajuraho	Tatam, Maharajpur	Lat. 25.04038 Lng. 79.85693	2
Chhatarpur	Khajuraho	Laundi, Laundi	Lat. 25.13814035 Lng. 80.01090752	2
Chhatarpur	Khajuraho	Basantpur, Laundi	Lat. 25.101039999999998 Lng. 80.08866833333333	4
Chhatarpur	Khajuraho	Bachhon, Chandla	Lat. 24.995996666666663 Lng. 80.107001666666668	4
Chhatarpur	Khajuraho	Chandla, Chandla	Lat. 28.083627104759216 Lng. 80.20138621330261	2
Chhatarpur	Khajuraho	Barigarh, Gaurihar	Lat. 25.229304 Lng. 80.017648	2
Chhatarpur	Khajuraho	Prakashbamhori, Gaurihar	Lat. 25.318750 Lng. 80.064533	4
Chhatarpur	Khajuraho	Gaurihar, Gaurihar	Lat. 25.270626666666665 Lng. 80.19994666666666	4
Chhatarpur	Khajuraho	Sarvai, Gaurihar	Lat. 25.1782523 Lng. 80.285267	4

Name of Circle	Name of Division	Name of Village with Tehsil	Location of 33 KV Substation (Latitude and Longitude)	Final Injectable capacity (MW)
Chhindwara	City Chhindwara	SONPUR ROAD	22°02'48.8"N 78°56'50.4"E	2
Chhindwara	City Chhindwara	Pachmarhi dhana	22°01'08.9"N 78°54'48.9"E	2
Chhindwara	East Chhindwara	BHUTAI	21°59'42.1"N 78°48'16.8"E	2
Chhindwara	East Chhindwara	KAMTHI	21°57'27.6"N 78°49'50.8"E	2
Chhindwara	East Chhindwara	IMLIKHEDA	22°00'18.5"N 78°56'15.3"E	2
Chhindwara	East Chhindwara	MOHKHED	21°52'55.8"N 78°50'33.3"E	4
Chhindwara	East Chhindwara	UMRANALA	21°52'40.3"N 78°52'41.2"E	2
Chhindwara	East Chhindwara	SAROTH	21°54'20.2"N 78°48'57.3"E	2
Chhindwara	East Chhindwara	SARORA	21°56'24.5"N 78°54'38.4"E	2
Chhindwara	East Chhindwara	SONAKHAR	22°03'54.1"N 78°59'33.2"E	2
Chhindwara	East Chhindwara	NER	22°07'39.0"N 79°02'50.7"E	4
Chhindwara	East Chhindwara	UMRADH	21°56'13.5"N 79°01'15.3"E	2
Chhindwara	East Chhindwara	UBHEGAON	21°53'05.5"N 78°59'23.7"E	4
Chhindwara	East Chhindwara	BISAPUR	21°54'30.2"N 78°57'12.5"E	4
Chhindwara	East Chhindwara	SARANBIHARI	21°52'18.8"N 78°56'41.9"E	4
Chhindwara	East Chhindwara	BANKANAGANPUR	21°59'56.8"N 79°05'48.4"E	2
Chhindwara	East Chhindwara	HEERAWADI	21°56'22.9"N 78°31'14.3"E	4
Chhindwara	East Chhindwara	GURRAIYA	22°03'32.5"N 78°53'11.0"E	2
Chhindwara	Junnardeo	JAMUNIYA, TAMINI	22°36'42.39"N & 78°39'30.80"E	4

Chhindwara	Junnardeo	CHHINDI, TAMIYA	22°23'32.45"N & 78°48'57.56"E	2
Chhindwara	Junnardeo	UMARGHOD	22°04'29.2"N 78°29'33.5"E	2
Chhindwara	Junnardeo	GHANAUMRI	22°00'46.0"N 78°26'10.5"E	2
Chhindwara	Junnardeo	RAMPUR	22°09'16.6"N 78°19'57.7"E	2
Chhindwara	Junnardeo	BARELIPAAR	22°03'28.0"N 78°27'13.0"E	2
Chhindwara	Junnardeo	Junnardeo	22°11'47.4"N 78°36'53.7"E	2
Chhindwara	Junnardeo	KARAN PIPRIYA	22°16'37.2"N 78°36'18.05"E	2
Chhindwara	Amarwara	ZHILMILI	22°02'53.3"N 79°08'52.2"E	2
Chhindwara	Amarwara	DHAMANIYA	21°56'39.3"N 79°13'30.9"E	2
Chhindwara	Amarwara	AMARWADA	22°18'28.8"N 79°10'15.4"E	2
Chhindwara	Amarwara	BHOKAI	22°16'10.8"N 78°58'47.3"E	2
Chhindwara	Amarwara	CHHUI	22°18'28.2"N 79°14'24.3"E	2
Chhindwara	Amarwara	KHIRETI	22°12'08.3"N 79°15'51.0"E	2
Chhindwara	Amarwara	SIMARIYA BHUTAI	22°21'53.8"N 79°15'33.6"E	2
Chhindwara	Amarwara	BATKAKHAPA	22°31'04.8"N 79°02'16.2"E	2
Chhindwara	Amarwara	SWAMISALAIYA	22°41'33.6"N 79°13'17.4"E	2
Chhindwara	Amarwara	RATAMATI	22°40'06.3"N 79°06'46.9"E	2
Chhindwara	Amarwara	DHANORA (AMR)	22°26'13.7"N 79°03'37.3"E	2
Chhindwara	Amarwara	JUNGAWANI	22°21'08.8"N 79°09'31.7"E	2
Chhindwara	Amarwara	BELKHEDA	22°04'58.8"N 79°10'24.8"E	2
Chhindwara	Amarwara	BINJHAWADA	22°07'28.7"N 79°19'54.7"E	2
Chhindwara	sausar	KHAMARPANI	21°42'55.1"N 79°05'48.6"E	2
Chhindwara	sausar	SAGAR	21°49'16.6"N 79°07'33.4"E	2
Chhindwara	sausar	DHANEGAON	21°37'34.5"N 79°04'21.9"E	2
Chhindwara	sausar	PANDRA-KHEDI	21°37'15.0"N 78°40'58.1"E	2
Chhindwara	sausar	JAKHAWADI	21° 49' 18.1" N 79° 1' 20.4" E	2
Chhindwara	Pandhurna	JUNEWANI	21°38'50.0"N 78°31'41.2"E	2
Chhindwara	Pandhurna	KALAMGAON	21°37'12.6"N 78°28'17.2"E	2
Chhindwara	Pandhurna	KAUDIYA	21°52'11.2"N 78°35'42.0"E	2

Name of Circle	Name of Division	Name Village with Tehsil		Location of 33 KV		Final Injectable capacity (MW)
		Name of Substation/ Village	Tehsil	Latitude	Longitude	
Damoh	SOUTH	HINOTI	TENDUKHEDA	23°33'45.19"N	79°26'55.21"E	2
Damoh	SOUTH	IMALIAGHAT	DAMOH	23°34'52.00"N	79°24'43.68"E	2
Damoh	SOUTH	SINGRAMPUR	JABERA	23°32'54.70"N	79°47'11.43"E	2
Damoh	SOUTH	KALEHARA	JABERA	23°36'16.8"N	79°38'15.5"E	2
Damoh	SOUTH	BANWAR	JABERA	23°46'56.15"N	79°41'11.30"E	2
Damoh	SOUTH	SAKHA	JABERA	23°44'18.69"N	79°36'8.44"E	2
Damoh	SOUTH	BANSA	DAMOH	23°47'24.69"N	79°20'31.63"E	2
Damoh	SOUTH	ABHANA	DAMOH	23°42'18.83"N	79°31'4.01"E	2
Damoh	SOUTH	HINDORIYA	DAMOH	23°53'41.34"N	79°34'1.41"E	2
Damoh	SOUTH	AAMKHEDA	DAMOH	23°52'2.42"N	79°30'56.45"E	2
Damoh	NORTH	LAKHRONI	PATHARIYA	23°55'21.35"N	79°12'30.61"E	2
Damoh	NORTH	BILANI	PATHARIYA	23°57'3.31"N	79°15'45.38"E	2
Damoh	NORTH	LAXMANKUTI	DAMOH	23°53'48.07"N	79°27'27.86"E	2

Damoh	NORTH	MURACHH	HATTA	24°16'39. 45"N	79°43'53.75 "E	2
Damoh	NORTH	GAISABAD	HATTA	24°14'19. 21"N	79°49'18.13 "E	2
Damoh	NORTH	KUMHARI	PATERA	23°53'51. 39"N	79°49'14.16 "E	2
Damoh	NORTH	MAJHGAWA HANSRAJ	PATERA	23°49'55. 62"N	79°48'55.64 "E	2
Damoh	NORTH	KUNDALPUR	PATERA	23°59'28. 6"N	79°43'00.3" E	2
Damoh	NORTH	RAJPURA	HATTA	24°20'54. 46"N	79°27'38.88 "E	2
Damoh	NORTH	KARBANA	BATYAGARH	24° 2'38.65"N	79°11'20.40 "E	2
Damoh	NORTH	FUTERA	BATYAGARH	24° 4'37.23"N	79°24'13.53 "E	2
Damoh	NORTH	ASLANA	PATHARIYA	23°55'58. 24"N	79°19'3.93" E	2
Damoh	NORTH	BARDHARI	PATHARIYA	23°50'04. 0"N	79°15'48.3" E	2
Damoh	NORTH	BARTALAI	BATYAGARH	24°10'52. 4"N	79°35'17.3" E	2

Name of Circle	Name of Division	Name of Village with Tehsil	Location of 33KV		Final Injectable capacity (MW)
			Latitude	Longitude	
Dindori	Dindori	Mahandwani	22.930622	80.673944	2
Dindori	Dindori	Bichiya	23.0935	80.571333	2
Dindori	Dindori	Sakka	22.899	80.884944	2
Dindori	Dindori	Amarpur	22.790694	80.960444	2

Name of Circle	Name of Division	Name of Village with Tehsil	Location of 33 KV S/s (Latitude and Longitude)		Final Injectable capacity (MW)
(O&M) Circle Jabalpur	Patan (O&M)	KATANGI Teh. PATAN	Latitude- 23.43457414°	Longitude- 79.797422°	2
	Patan (O&M)	KAYMORI Teh. PATAN	Latitude- 23.38194°	Longitude- 79.74556°	4
	Patan (O&M)	BORIYA Teh. PATAN	Latitude- 23.32969°	Longitude- 79.84855°	2
	Patan (O&M)	SAROND Teh. PATAN	Latitude- 23.31104°	Longitude- 79.78677°	4
	Patan (O&M)	RONRA Teh. PATAN	Latitude- 23.2325279°	Longitude- 79.76837°	2
	Patan (O&M)	NUNSAR Teh. PATAN	Latitude- 23.23820°	Longitude- 79.79398°	4
	Patan (O&M)	PATHRORI Teh. PATAN	Latitude- 23.21806°	Longitude- 79.74254°	4
	Sihora (O&M)	Khitiola Teh. Sihora	Latitude- 23.4713145	Longitude- 80.11597	2
	Sihora (O&M)	Hargarh Teh. Sihora	Latitude- 23.4802882	Longitude- 80.16282	2
	Sihora (O&M)	Mohla Teh. Majholi	Latitude- 23.5538472	Longitude- 80.16407	2
	Sihora (O&M)	Ponda Teh. Majholi	Latitude- 23.4956983	Longitude- 80.04205	2
	Sihora (O&M)	Lamkana Teh. Majholi	Latitude- 23.4562399	Longitude- 80.00094	2
	Sihora (O&M)	Majholi Teh. Majholi	Latitude- 23.4949531	Longitude- 79.93314	2
	Sihora (O&M)	Indrana Teh. Majholi	Latitude- 23.4004049	Longitude- 79.90748	2
Sihora (O&M)	Abhana Teh. Majholi	Latitude- 23.5500593	Longitude- 79.94008	2	

NAME OF CIRCLE	NAME OF DIVISION	NAME OF VILLAGE WITH TEHSIL	LOCATION OF 33kV SUBSTATION (LATITUDE AND LONGITUDE)	Final Injectable capacity (MW)
CITY CIRCLE JBP	WEST	GOPALBAGH	33/11KV GOPAL BAGH SUBSTATION LAT(23.181904) LONG (79.929389)	2
CITY CIRCLE JBP	WEST	SRINATH KI TALLAIYA	33/11KV SRINATH KI TALLAIYA SUBSTATION LAT (23.171440) LONGITUDE (79.933111)	2
CITY CIRCLE JBP	SOUTH JBP	MEDICAL PURWA JBP	23.N7051 79.881570	2
CITY CIRCLE JBP	SOUTH JBP	SITA PAHAD JBP	23°10'10"N 80°00'02"E"	2
CITY CIRCLE JBP	North Jabalpur	Mahrajpur, housing board colony, Adhartaal Jabalpur	23.232086 ,79.959075	2
		Bilpura, Nai basti jhanda chowk, jabalpur	23.215663, 80.000436	2
		Rajul Nagar, Bypaas Mahrajpur Jabalpur	23.229223, 79.941453	2
	Vijaynagar	Lemagarden , Near Gohalpur Thana , jabalpur	23.193047, 79.933953	2
Jabalpur (O&M)	Jabalpur (O&M)	Urduwa , Near Bagheli Bypass , Jabalpur	23.250164, 79.950880	2
CITY CIRCLE JBP	Vijaynagar	MADHOTAL	23°11'51.27"N 79°54'18.63"E	2
CITY CIRCLE JBP	Vijaynagar	KATHOUNDA	23°12'32.50"N 79°54'54.95"E	4
CITY CIRCLE JBP	Vijaynagar	ORIYA	23°13'24.64"N 79°53'0.49"E	4

Name of Circle	Name of Division	Name of Village With Tehsil	Location of 33KV Substation		Final Injectable capacity (MW)
			Latitude	Longitude	
Katni	O&M Dn	Majhgawan	23.820378	80.494691	2
Katni	O&M Dn	Khamtara	23.546586	80.539423	2
Katni	O&M Dn	VilayatKala	23.721831	80.643746	2
Katni	O&M Dn	Gairtalai	23.977814	80.856710	2
Katni	O&M Dn	Pipariyakala	23.872592	80.698233	2
Katni	O&M Dn	Vijayraghavgarh	23.994842	80.598499	2
Katni	O&M Dn	Deorakala	23.951057	80.543769	2
Katni	O&M Dn	Nadawan	23.821618	80.722720	2
Katni	O&M Dn	Khitali	23.711962	80.825982	2
Katni	O&M Dn	Sleemnabad	23.634866	80.245790	2
Katni	O&M Dn	Teori	23.635058	80.246344	2
Katni	O&M Dn	Umariyapan	23.507034	80.271144	2
Katni	O&M Dn	Dharwara	23.600213	80.322425	2
Katni	O&M Dn	Dheemarkheda	23.475603	80.377731	2
Katni	O&M Dn	Kaudiya	23.668584	80.186210	2
Katni	O&M Dn	Bakal	23.755289	79.964795	2
Katni	O&M Dn	Silondi	23.352239	80.368366	2
Katni	O&M Dn	Dasharman	23.404280	80.311038	2
Katni	O&M Dn	SIHUDI	23.773999	80.000685	2
Katni	O&M Dn	BACHAIYA	23.584881	80.021850	2
Katni	O&M Dn	khirehni	23.688301	80.237188	2
Katni	O&M Dn	Nitarra	23.853243	80.255797	2
Katni	City Dn	Ganesh Chouk (Mudwara)	23.831346	80.399799	2
Katni	City Dn	Chaka (Mudwara)	23.895180	80.404813	2
Katni	City Dn	Pahrwa (Mudwara)	23.869647	80.366962	2
Katni	City Dn	Kataighat (Mudwara)	23.828842	80.378033	2
Katni	City Dn	MITTAL (Mudwara)	23.800159	80.371701	2
Katni	City Dn	AMKUHI (Mudwara)	23.816109	80.378916	2
Katni	City Dn	roshan nagar (Mudwara)	23.825077	80.427192	2
Katni	City Dn	Bharoli (Mudwara)	23.764268	80.373452	2
					60.00

Name of circle	Name of Dn.	Name of village with Tehsil	Location of 33kv substation (latitude and longitude)		Final Injectable capacity (MW)
			latitude	longitude	
MANDLA	MANDLA	MANDLA ,MANDLA	22.59827778	80.36663889	2
		MAHARAJPUR,MANDLA	22.59294444	80.35675	2
		KHAIRY,MANDLA	22.60438889	80.39941667	2
		LINGAPONDI,MANDLA	22.71111111	80.48955556	2
		MOHGAON,GHUGHRI	22.77536111	80.60475	2
		GHUGHRI,GHUGHRI	22.68497222	80.68388889	2
		SALWAH ,GHUGHRI	22.68788889	80.79702778	2
		RAMNAGAR,BICHHIYA	22.61108333	80.51058333	2
		KUDAILA,BICHHIYA	22.39219444	80.83305556	2
		MAWAI,BICHHIYA	22.49075556	81.06810556	1.6
		KHATIYA,BICHHIYA	22.31508333	80.51013889	2
		INDRI,NAINPUR	22.40219444	80.33538889	2
		BAMHNI BANJAR,MANDLA	22.48327778	80.37477778	2
		CHIRAI DONGRI,NAINPUR	22.41377778	80.29094444	2
		KANHARGAON,NAINPUR	22.53483333	80.14255556	2
		NAINPUR,NAINPUR	22.43683333	80.12108333	2
		PINDRAI,NAINPUR	22.52008333	80.05875	2
		BIJADANDI,NARAYANGANJ	22.99005556	80.154	2
		UDAIPUR,NARAYANGANJ	23.04644444	80.09091667	2
		MANIKSARA,NARAYANGANJ	22.87841667	80.10094444	2
KHINHARIPTA,NIWAS	22.90469444	80.41658333	2		

Name of Circle	Name of Division	Name of Village with Tehsil	Location of 33 KV s/s (Latitude and Longitude)	Final Injectable capacity (MW)
NSP	NSP	Baghwar	22.8786463,79.0376401	2
NSP	NSP	Joba	22.8943546,79.0842602	2
NSP	NSP	Sagoni	23.0720129,79.1307127	2
NSP	NSP	Usri	22.7644661,79.2939105	2
NSP	NSP	Ranipindrai	22.9969384,79.1924203	2
NSP	NSP	Jhirna(Town)	22.9551986,79.1774677	2
NSP	NSP	Dangidhana	22.9150349,79.2353036	2
NSP	NSP	Gorakhpur	22.7105206,79.330945	2
NSP	NSP	Khamtra	22.944063,79.2339993	2
NSP	NSP	Johariya	22.9341097,79.0704527	2
NSP	NSP	Nandiya	22.9351635,79.4338103	2
NSP	NSP	Barman Khurd	23.0117935,78.9995903	2
NSP	NSP	Madesur	22.9393586,78.9912402	2
NSP	NSP	Umariya	22.9629567,79.5063213	2
NSP	NSP	Mushran Pipariya	23.0187245,79.3463053	2
NSP	NSP	Themi	23.0191206,79.3333268	2
NSP	NSP	Tindini	23.0569885,79.2395753	2
NSP	NSP	Khamariya	23.09537,79.5479895	2
NSP	NSP	Lathgaon	22.9990235,79.5523804	2
NSP	NSP	Shrinagar	22.9629567,79.5063213	2
NSP	NSP	Jhoteswar	22.9518072,79.5539406	2
NSP	NSP	Bagaspur	22.9900911,79.4971347	2
Narsinghpur	Gadarwara	CHICHLI /GADARAWARA	22°50'53.68"N 78°48'55.59"E	2
Narsinghpur	Gadarwara	SINGHPUR/GADARAWARA	22°47'6.70"N 78°46'29.24"E	2
Narsinghpur	Gadarwara	SESADAWAR/GADARAWARA	22°46'47.33"N 78°54'6.61"E	2
Narsinghpur	Gadarwara	TENDUKHEDA(GOT)/GADARAWARA	22°45'53.39"N 78°49'18.53"E	2
Narsinghpur	Gadarwara	RAIPUR/GADARAWARA	22°50'20.08"N 78°53'36.24"E	2
Narsinghpur	Gadarwara	IMALIYA/GADARAWARA	22°49'1.05"N 78°44'53.17"E	2
Narsinghpur	Gadarwara	BASURIYA/GADARAWARA	22°47'50.45"N 78°41'39.86"E	4
Narsinghpur	Gadarwara	BARAHABADA/GADARAWARA	22°45'52.89"N 78°44'33.16"E	2
Narsinghpur	Gadarwara	SALICHOKA/GADARAWARA	22°50'10.87"N 78°40'15.93"E	2
Narsinghpur	Gadarwara	BELKHEDI/GADARAWARA	22°52'13.00"N 78°40'25.55"E	2
Narsinghpur	Gadarwara	PANAGER/GADARAWARA	22°50'24.65"N 78°37'9.62"E	2

Narsinghpur	Gadarwara	DOBHI/TENDUKHEDA	23° 6'42.97"N 78°55'44.57"E	2
Narsinghpur	Gadarwara	BILTHARI/TENDUKHEDA	23° 4'28.48"N 78°52'10.77"E	2
Narsinghpur	Gadarwara	GUTORI/TENDUKHEDA	23° 8'59.76"N 78°57'10.82"E	2
Narsinghpur	Gadarwara	KHURSIPAR/GADARWARA	22°56'11.10"N 78°43'13.23"E	2
Narsinghpur	Gadarwara	KAMTI/GADARWARA	22°54'41.73"N 78°44'18.74"E	2
Narsinghpur	Gadarwara	DHANORA/GADARWARA	22°54'15.19"N 78°37'27.51"E	2
Narsinghpur	Gadarwara	PIPERPANI/GADARWARA	23° 0'25.90"N 78°36'51.02"E	2
Narsinghpur	Gadarwara	MADGULA/GADARWARA	23° 0'47.41"N 78°41'43.60"E	2
Narsinghpur	Gadarwara	SANSARKHEDA/GADARWAR A	22°57'57.37"N 78°31'31.39"E	2
Narsinghpur	Gadarwara	TENDUKHEDA(RAJ)/TENDUK HEDA	23°10'37.20"N 78°53'50.17"E	2
Narsinghpur	Gadarwara	SUNETHI/TENDUKHEDA	23° 8'3.29"N 78°50'42.77"E	2
Narsinghpur	Gadarwara	MADANPUR/TENDUKHEDA	23° 9'50.81"N 78°48'44.58"E	2
Narsinghpur	Gadarwara	PALOHA/GADARWARA	23° 0'12.03"N 78°44'53.77"E	2
Narsinghpur	Gadarwara	ATTHAISA/GADARWARA	22°58'51.40"N 78°47'28.89"E	2
Narsinghpur	Gadarwara	KODIYA/GADARWARA	22°56'53.04"N 78°48'43.60"E	2
Narsinghpur	Gadarwara	LILWANI/GADARWARA	23° 0'2.22"N 78°49'38.64"E	2
Narsinghpur	Gadarwara	BOHANI/GADARWARA	22°55'43.35"N 78°51'56.63"E	2
Narsinghpur	Gadarwara	KALYANPUR/GADARWARA	22°50'52.80"N 78°55'16.95"E	2
Narsinghpur	Gadarwara	PANARI/GADARWARA	22°53'4.21"N 78°56'49.12"E	2
Narsinghpur	Gadarwara	BHOURJHIR/GADARWARA	23° 0'42.87"N 78°55'46.27"E	2
Narsinghpur	Gadarwara	KHULRI/GADARWARA	22°57'51.14"N 78°56'31.31"E	2
Narsinghpur	Gadarwara	GADARWARA	22°55'40.04"N 78°46'13.53"E	2

Name of Circle	Name of Division	Name of village with Tehshil	Location of 33 KV Substation (Latitude and Longitude)	Final Injectable capacity (MW)
Panna	Panna	Ajaygarh Tahs. Ajaygarh	24°89'76.92" N 80°25'64.05" E	2
Panna	Panna	Dharampur Tahs. Ajaygarh	25°00'38.07" N 80°44'96.14" E	4
Panna	Panna	Sabdua Tahs. Ajaygarh	24°83'81.60" N 80°13'51.76" E	4
Panna	Panna	Gunour Tahs. Gunour	24°45'49.48" N 80°24'94.24" E	2
Panna	Panna	Kakarhati. Tahs. Devendranagar	24°33'36.00" N 80°16'12.00" E	4
Panna	Panna	Katan Tahs. Gunour	24°51'23.42" N 80°40'41.57" E	4
Panna	Panna	Saleha Tahs. Gunour	24°41'79.35" N 80°40'93.07" E	4
Panna	Panna	Mohanpurwa Tahs. Panna	24°70'09.99" N 80°17'80.49" E	4
Panna	Panna	Brijpur Tahs. Panna	24°81'16.14" N 80°43'62.31" E	2
Panna	Pawai	Amanganj Tahs. Amanganj	24°24'59.09"N, 80° 2'1.13"E	4
Panna	Pawai	Dwari Tahs. Amanganj	24°29'24.63"N, 80° 3'3.61"E	4
Panna	Pawai	Maheba Tahs. Amanganj	24°24'18.22"N, 80° 8'11.27"E	4
Panna	Pawai	Simariya, Tahs. Amanganj	24°15'54.11"N, 79°52'59.32"E	2
Panna	Pawai	Sonwani, Tahs. Amanganj	24°21'53.12"N, 79°53'42.21"E	4
Panna	Pawai	Mohandra, Tahs. Pawai	24°11'46.80"N, 79°58'27.72"E	2
Panna	Pawai	Harduwa, Tahs. Raipura	24°10'6.55"N, 79°52'35.85"E	4
Panna	Pawai	Pawai, Tahs. Pawai	24°16'38.58"N, 80° 9'40.12"E	4
Panna	Pawai	Murwari, Tahs. Gunour	24°20'20.16"N, 80°17'30.51"E	4
Panna	Pawai	Tikariya, Tahs. Shahnagar	24° 8'59.25"N, 80°15'6.26"E	4
Panna	Pawai	Shahnagar, Tahs. Shagnagar	23°59'43.01"N, 80°18'46.86"E	2
Panna	Pawai	Bori, Tahs. Shagnagar	24° 1'47.83"N, 80° 8'12.76"E	4
Panna	Pawai	Raipura, Tahs. Raipura	23°55'5.41"N, 79°57'18.34"E	2
Panna	Pawai	Bhaghwar, Tahs. Raipura	23°58'46.38"N, 79°56'53.32"E	2

Name of circle	Name of Division	Name of Village with Tehsil	Location of 33 KV Substation	Final Injectable capacity (MW)
			Latitude,Longitude	
REWA	WEST Division	SEMARIYA	24.78881270,,81.1450820,	2
REWA	TEONTER	PACHAMA , TEONTER	LAT: 24.98555, LNG: 81.65356	2
REWA	TEONTER	KONIYA KALA , TEONTER	LAT:24.96797, LNG: 81.58903	2
REWA	TEONTER	CHANDRAPUR , TEONTER	LAT: 25.03995, LNG: 81.62652	2
REWA	TEONTER	GARHI, TEONTER	LAT: 25.07534, LNG: 81.55217	2
REWA	TEONTER	CHAKGHAT TEONTER	LAT: 24.98555, LNG: 81.65356	2
REWA	TEONTER	BADAGAON TEONTER	LAT:24.96797, LNG: 81.58903	2
REWA	TEONTER	PADRI TEONTHAR	LAT:24.963903, LNG: 81.802344	2
REWA	TEONTER	SANORI TEONTHAR	LAT:24.905297, LNG: 81.842255	2
REWA	TEONTER	Lalgaon Sirmour	LAT:24.79215, LNG: 81.50284	2
REWA	TEONTER	Kathamna(Pangari)Sirmour	LAT:24.87099, LNG: 81.56804	2
REWA	TEONTER	Atraila Sirmour	LAT:24.96939, LNG: 81.39096	2
REWA	TEONTER	Patehra(itma)Sirmour	LAT:24.89289, LNG: 81.38479	2
Rewa	Mauganj	MAUGANJ	Mauganj, 21.2333,81.6333	2
Rewa	Mauganj	MAUGANJ(JAIL ROAD)	Mauganj Jail Road,26.8833,76.3333	2
Rewa	Mauganj	Hanumana	Hanumana 24.769149,82.0828598	2
REWA	City Dn.	Huzoor	24.52/81.36	2
REWA	City Dn.	Karahiya	24.55/81.26	2
REWA	City Dn.	Univercity	24.55/81.32	2
REWA	City Dn.	Rathara	24.54/81.36	2
REWA	City Dn.	Power House	24.55/81.31	4
REWA	City Dn.	Neharu Nagar	24.53/81.32	2
REWA	City Dn.	Bichhiya	24.51/81.30	2
REWA	City Dn.	Chirahula	24.54/81.32	2
REWA	City Dn.	Martand	24.54/81.29	4
REWA	City Dn.	Godhar	24.54/81.28	2
REWA	City Dn.	Nipaniya	24.51/81.28	2
REWA	City Dn.	H.B. Padra	24.51/81.28	2
REWA	City Dn.	Engg. Collage	24.55/81.31	4
Rewa	REWA EAST	Teekar S/s Tehsil Hujur	24.41 N 81.36 E,24.11 N 81.82 E	2
Rewa	REWA EAST	Mahsawn S/s Tehsil Gurh	24.52 N 81.39 E,24.94 N 81.96 E	2
Rewa	REWA EAST	Umari Rithi S/s Tehsil Gurh	24.52 N 81.39 E,24.94 N 81.96 E	2

Name of Circle	Name of Division	Name Of Village with Tehsil	TEHSIL	Location of 33kv Substation (Latitude and Longitude)	Co-ordinate of 33/11KV S/s (Latitude & Longitude)		Final Injectable capacity (MW)
SAGAR	Rehli	IGNUWA KHEDA, PARRKA, ACHALPUR, BADGAN, JAMGHAT, KADTA, PIPARIYA NARSINGH, SAMNAPUR, SEMRA GOUND, SIMARIYA NAYAK, GARHADONGRI		Patna Buzurg	23.655748	79.008581	2
SAGAR	Rehli	MAHARAJPUR		Maharajpur	23.278203	79.039404	4
SAGAR	Rehli	BAGRON, BARKHERA BAGRON, DARARIYA, JHINPINI, TINSI, TINSI GWARI, JUNA		Juna	23.719396	79.036257	2
SAGAR	Rehli	vill. Chandrapura Tehsil Garhakota		Chandrapura	23.846419	79.103787	4
SAGAR	Rehli	vill. Ron Tehsil Garhakota		Ron	23.768674	79.225646	4
SAGAR	Rehli	HARDUA, GHUGRI, HINOTI, KHAIKHEDA, KHAPA, BHOHARI, CHANGUWAN		Chhirari	23.579076	79.149537	2
SAGAR	Rehli	Vill. Baleh Tehsil Garhakota		Baleh	23.644552	79.219467	4
SAGAR	Rehli	DEORI		Deori	23.376561	79.020154	2
SAGAR	Rehli	RENGAJHOLI, INDALPUR, ARJUNI, THE - KESLI		Tada	23.409664	78.662656	2
SAGAR	Banda	Village Karrapur Tehsil Sagar		Karrapur	23.927435	78.874604	2
SAGAR	Banda	Village Uldan Tehsil Banda		Uldan	24.054708	78.78252	2
SAGAR	Banda	Tehsil Banda		Banda	24.03827	78.973773	4
SAGAR	Banda	Village Bhadrana Tehsil Banda		Bhadrana	23.965099	79.005601	4
SAGAR	Banda	Village Magardha Tehsil Banda		Magardha	24.039711	78.844543	4
SAGAR	Banda	Village Shahpur, Tehsil Sagar		Shahpur	23.891358	79.045515	4
SAGAR	Banda	Village Kandwa Tehsil Banda		Kandwa	24.014319	79.102289	4
SAGAR	Banda	Village Naindhara Tehsil Banda		Naindhara	24.039711	78.844543	2
SAGAR	Khurai	Khurai		Khurai	24.00417	79.069527	2
SAGAR	Khurai	Khurai		Sumreri	23.99733	78.410351	4
SAGAR	Khurai	Khurai		Malthon	24.301354	78.524039	4
SAGAR	Khurai	Khurai		Rajwas	24.162272	78.586331	4
SAGAR	Khurai	Bina		Khimlasa	24.201135	78.358358	4
SAGAR	Khurai	Khurai		Bandri	24.049502	78.630913	4
SAGAR	Khurai	Khurai		Pali	24.115552	78.603876	4
SAGAR	Khurai	Khurai		Barodia	23.919459	78.33864	4
SAGAR	Sagar City			Power House	23.838753	78.748578	2
SAGAR	Khurai	Khurai		Longar	24.241229	78.428442	4
SAGAR	Sagar City		Sagar	Makroniya colony	23.844646	78.795953	2
SAGAR	Sagar City		Sagar	Civil Line	23.842196	78.761693	2
SAGAR	Sagar City		Sagar	University	23.830228	78.770719	4
SAGAR	Sagar City			RTO	23.796446	78.760693	4

Name of Circle	Name of Division	Name of Village with Tehsil	Name of 33 KV Substation	Location of 33 KV Substation (Latitude and Longitude)	Final Injectable capacity (MW)
Satna	Satna O&M	RAGHURAJ NAGAR	SOHAWAL	24°34'29.7"N 80°46'28.4"E	2
Satna	Satna O&M	RAGHURAJ NAGAR	Sitpura	24°34'53.6"N 80°44'13.2"E	2
Satna	Maihar	RAGHURAJ NAGAR	RAIGOAN	24.6541480°N 80.6894110°E	2
Satna	Maihar	Nagod	BASUDHA	24°38'15.1"N 80°38'03.2"E	2
Satna	Satna O&M	MAGHIGAWA	JAITWARA	24°44'06.9"N 80°51'50.6"E	2
Satna	Satna O&M	RAMPUR	TIKURI	24°44'4"N 81°4'46"E	2
Satna	Satna O&M	RAGHURAJ NAGAR	BABUPUR	24°37'40.9"N 80°54'59.8"E	2
Satna	Satna O&M	MAGHIGAWA	BIRSINGHPUR	24°47'29.1"N 80°58'37.2"E	2
Satna	Satna O&M	MAGHIGAWA	SUKWAH	24.886707,81.037253	2
Satna	Satna O&M	MAGHIGAWA	BAROUNDHA	25°02'28.7"N 80°38'05.1"E	2
Satna	Satna O&M	MAGHIGAWA	BARAHANA	24.730454,80.722299	2
Satna	Satna O&M	MAGHIGAWA	CHITRAKOOT City	25°09'57.2"N 80°52'14.3"E	2
Satna	Satna O&M	RAMPUR	CHORMARI	24°35'12.3"N 81°07'07.1"E	2
Satna	Satna O&M	RAMPUR	KRISHNA GARH	24°24'58.4"N 81°05'20.9"E	2
Satna	Amarpatan	AMARPATAN	SILPARI	24°28'16.4"N 81°04'29.7"E	2
Satna	Satna O&M	RAMPUR	CHHIBOURA	24.6271487,81.1124699	2
Satna	Satna O&M	RAMPUR	GORAIYA	24°36'03.7"N 81°00'07.7"E	2
Satna	Amarpatan	AMARPATAN	AMARPATAN	24°18'35.8"N 80°57'36.4"E	2
Satna	Amarpatan	AMARPATAN	AHIRGOAN	24°25'24.9"N 81°06'29.3"E	2
Satna	Amarpatan	AMARPATAN	KAKRA KARHI	24°21'34.5"N 81°02'19.4"E	2
Satna	Amarpatan	RAMNAGAR	RAMNAGAR	24°13'09.2"N 81°04'55.7"E	2
Satna	Satna O&M	Unchehara	CHORHATA	24°23'16.3"N 80°55'15.6"E	2
Satna	Maihar	Unchehara	KARAH	24°23'55.6"N 80°48'54.4"E	2
Satna	Amarpatan	AMARPATAN	KATHAHA	24°19'43.4"N 81°05'49.3"E	2
Satna	Amarpatan	AMARPATAN	BHISHAMPUR	24°15'30.8"N 81°00'32.7"E	2
Satna	Amarpatan	RAMNAGAR	MANKESHAR	24°16'55.9"N 81°18'44.3"E	2
Satna	Maihar	MAIHAR	JDAIPUR(MAIHAR TOWN)	24°15'39.7"N 80°45'16.8"E	2
Satna	Maihar	MAIHAR	PAHADI	24.26602--80.81317	2
Satna	Maihar	MAIHAR	BADERA	24°04'45.9"N 80°48'49.4"E	2
Satna	Maihar	MAIHAR	Jhaj Goriya	24.34974--81.47733	2
Satna	Maihar	Unchehara	UNCHEHARA	24°23'09.9"N 80°47'27.4"E	2
Satna	Maihar	Unchehara	PONDI	24.481531--80.751802	2
Satna	Maihar	Nagod	SINGHPUR	24°42'27.5"N 80°34'43.4"E	2
Satna	Maihar	Nagod	Amma	24.660578,80.494527	2
Satna	Maihar	Unchehara	Parasmaniya	24°21'11.5"N 80°36'58.9"E	2
Satna	Amarpatan	RAMNAGAR	Jigna	24°17'50.4"N 81°13'08.1"E	2
Satna	Amarpatan	AMARPATAN	Mukundpur	24°24'50.6"N 81°15'19.2"E	2
Satna	Maihar	MAIHAR	Sabhaganj	24°02'28.8"N 80°28'32.5"E	2
Satna	Satna O&M	RAGHURAJ NAGAR	Rampur Chaurasi	24°38'07.5"N 80°48'54.6"E	2
Satna	Satna O&M	RAGHURAJ NAGAR	Bharjuna	24°39'35.5"N 80°52'47.3"E	2
Satna	Maihar	Nagod	Shayam nagar	24.525229--80.671567	2
Satna	Satna O&M	RAGHURAJ NAGAR	Matehna	24.592458,80.917946	2
Satna	Amarpatan	AMARPATAN	Sannehi	24°24'52.1"N 81°10'00.1"E	2
Satna	Maihar	MAIHAR	Jariyari	24°15'04.3"N 80°57'07.9"E	2
Satna	Maihar	MAIHAR	Ajmain	24°6'19.65"N 80°44'40.206"E	2
Satna	Maihar	MAIHAR	Bharauli	24°10'06.6"N 80°41'45.5"E	2
Satna	Satna O&M	RAMPUR	Bhadaari	24°24'48.2"N 80°59'54.5"E	2
Satna	Satna O&M	RAGHURAJ NAGAR	Ramsthan	24°36'50.3"N 80°58'57.9"E	2
Satna	Amarpatan	RAMNAGAR	Badwar	24°10'23.2"N 81°00'27.0"E	2
Satna	Satna city	RAGHURAJ NAGAR	Mahadeva	24°33'13.5"N 80°48'59.4"E	2
Satna	Satna O&M	Nagod	Barethiya	24.5785655,80.7056748	2

Satna	Satna O&M	RAMPUR	Guduhudu	24°29'46"N 80°58'18"E	2
Satna	Maihar	Nagod	Amiliya	24.617898--80.577940	2
Satna	Maihar	Nagod	Itma	24.688379,80.664037	2
Satna	Maihar	MAIHAR	Harnampur	24.251119--80.770481	2
Satna	Maihar	Unchehara	Bharhut	24°27'03"N 80°50'48"E	2

NAME OF CIRCLE	NAME OF DIVISION	NAME OF SUBSTATION	NAME OF VILLAGE	TEHSIL	LOCATION OF 33 KV SS		Final Injectable capacity (MW)
					LATITUDE	LONGITUDE	
SEONI	SEONI	MUNGWANI	MUNGWANI	SEONI	22.1648870	79.4375160	2
SEONI	SEONI	KISHANPUR	KISHANPUR	SEONI	22.1179360	79.4342730	2
SEONI	SEONI	BHURKAL KHAPA	BHURKAL KHAPA	SEONI	22.1010920	79.6102830	2
SEONI	SEONI	GWARI	GWARI	SEONI	21.9153730	79.3672780	2
SEONI	SEONI	TURIYA	TURIYA	KURAI	21.7364434	79.3749879	2
SEONI	SEONI	HOUSING BOARD	SEONI TOWN	SEONI	22.0723533	79.5365860	2
SEONI	SEONI	DHARNA	DHARNA	BARGHAT	22.0269760	79.8276280	2
SEONI	SEONI	MALARA	MALARA	BARGHAT	22.1139050	79.8039330	2
SEONI	SEONI	AMAGARH	AMAGARH	BARGHAT	22.0135494	79.6112110	2
SEONI	SEONI	BHOMA	BHOMA	SEONI	21.1585580	79.6842560	2
SEONI	SEONI	KHAIRA PALARI	KHAIRA PALARI	KEOLARI	22.2730910	79.8347000	2
SEONI	SEONI	RAIKHEDA	RAIKHEDA	KEOLARI	22.4734980	80.0013420	2
SEONI	SEONI	ALONIKHAPA	ALONIKHAPA	KEOLARI	22.3668020	79.9717260	2
SEONI	SEONI	UGLY	UGLY	KEOLARI	22.2613503	80.0504479	2
SEONI	SEONI	PANDYA CHAPARA	PANDYA CHAPARA	BARGHAT	22.1333965	80.0030878	2
SEONI	SEONI	LONIYA	LONIYA	SEONI	22.0769220	79.5226560	2
SEONI	SEONI	JAM	JAM	SEONI	22.1787330	79.3794770	2
SEONI	SEONI	ASHOK NAGAR	SEONI TOWN	SEONI	22.0937647	79.5593804	2
SEONI	SEONI	PIPARDHAHI	PIPARDHAHI	SEONI	22.0564000	79.3949500	2
SEONI	SEONI	DHOBISARA	DHOBISARA	SEONI	21.9331330	79.6034670	2
SEONI	LAKHNADON	LAKHNADON	LAKHNADON	LAKHNADON	22.6000580	79.6112640	2
SEONI	LAKHNADON	DHUMA	DHUMA	LAKHNADON	22.7424868	79.7211491	2
SEONI	LAKHNADON	DARGADA (MANAKPUR)	MANAKPUR	LAKHNADON	22.8338757	79.6691625	2
SEONI	LAKHNADON	ADEGAON	ADEGAON	LAKHNADON	22.6170280	79.4931450	2
SEONI	LAKHNADON	SIHORA	SIHORA	LAKHNADON	22.6025830	79.7125590	2
SEONI	LAKHNADON	GHANSOR	GHANSOR	GHANSOR	22.6576930	79.9268250	2
SEONI	LAKHNADON	BHILAI	BHILAI	GHANSOR	22.6411080	80.1268310	1.6
SEONI	LAKHNADON	KEDARPUR	KEDARPUR	GHANSOR	22.7120276	80.1487817	2
SEONI	LAKHNADON	DHANORA	DHANORA	DHANORA	22.5299464	79.8444640	2
SEONI	LAKHNADON	MUNGWANI LKD	MUNGWANI LKD	DHANORA	22.4551068	79.8228041	2
SEONI	LAKHNADON	SELWADA	SELWADA	GHANSOR	22.7880294	80.2562109	2
SEONI	LAKHNADON	BHIMGARH	BHIMGARH	CHHAPARA	22.3739550	79.6667500	2
SEONI	LAKHNADON	CHHAPARA	CHHAPARA	CHHAPARA	22.3979872	79.5469064	2
SEONI	LAKHNADON	BAMHANWADA	BAMHANWADA	CHHAPARA	22.4781790	79.6358580	2

SEONI	LAKHNADON	RAMGARH KEOLARI	RAMGARH KEOLARI	CHHAPARA	22.3353678	79.3729300	2
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Name of circle	Name of division	Name of village with tehsil	location of 33 KV sub station (Latitude and Logitude)	Final Injectable capacity (MW)
shahdol	shahdol	singhpur - shohagpur	bhamraha	2
shahdol	shahdol	chhuhari - gohparu	chhuhri	2

Name of Circle	Name of Division	Name of Village with Tehsil	Location of 33KV Substation (Latitude and Longitude)	Final Injectable capacity (MW)
Sidhi	Sidhi O&M	Sidhi	24.408395,81.883964	2
Sidhi	Sidhi O&M	Sidhi Khurd	24.411003,81.876640	4
Sidhi	Sidhi O&M	KotarKala	24.426495,81.887278	4
Sidhi	Sidhi O&M	Bahari	24.450866,82.170008	2
Sidhi	Sidhi O&M	Amiliya	24.550870,82.148718	2
Sidhi	Sidhi O&M	Bichhi	24.551992,82.435623	2
Sidhi	Sidhi O&M	Kothiya	24.393633,81.572205	2
Sidhi	Sidhi O&M	Baghwar	24.335956,81.353624	2
Sidhi	Sidhi O&M	Bharatpur	24.326548,81.328105	2
Sidhi	Sidhi O&M	Hanumangarh	24.352347,81.635324	2
Sidhi	Sidhi O&M	Dhanha	24.280319,81.611122	4
Sidhi	Sidhi O&M	Khaddi	24.267974,81.560008	2
Sidhi	Sidhi O&M	Niwas	24.140670,81.898396	2
Sidhi	Sidhi O&M	Madwas	24.116833,81.795696	2
Sidhi	Sidhi O&M	Kusmi	23.971543,81.977541	2
Sidhi	Sidhi O&M	Pondi Bastua	23.998182,81.718656	2
Sidhi	Sidhi O&M	Tala	24.191592,81.658322	4
Sidhi	Sidhi O&M	Chaufal	24.289226,81.786733	2
Sidhi	Sidhi O&M	Baghwari	24.348258,81.821310	2

Name of Circle	Name of Division	Name of Village with Tehsil	Location of 33KV Substation (Latitude and Longitude)	Final Injectable capacity (MW)
Singrauli	Waidhan City	AKVN Baliyari, Waidhan	24.050330,82.630615	2
Singrauli	Waidhan City	Kachani, Waidhan	24.077303,82.602822	2
Singrauli	Waidhan O&M	Bagaiya, Chitrangi	24.349264,82.619784	2
Singrauli	Waidhan O&M	Chhandna, Deosar	24.182270,82.328817	2
Singrauli	Waidhan O&M	Chitrangi, Chitrangi	24.470806,82.536377	2
Singrauli	Waidhan O&M	Daga, Deosar	24.184063,82.450783	4
Singrauli	Waidhan O&M	Dharoli, Chitrangi	24.506800,82.436197	4
Singrauli	Waidhan O&M	Gadaigaon, Sarai	24.130501,82.029322	6
Singrauli	Waidhan O&M	Karsua, Mada	23.994361,82.443989	4
Singrauli	Waidhan O&M	Karthua, Deosar	24.384384,82.260363	2
Singrauli	Waidhan O&M	Khanuakhas, Sarai	24.032191,82.305298	2
Singrauli	Waidhan O&M	Khatai, Chitrangi	24.531497,82.572207	2
Singrauli	Waidhan O&M	Khirwa, Chitrangi	24.249782,82.637215	3
Singrauli	Waidhan O&M	Langhadol, Mada	23.901846,82.271340	4
Singrauli	Waidhan O&M	Makrohar, Mada	23.902781,82.614293	5
Singrauli	Waidhan O&M	Mauhariya, Chitrangi	24.530225,82.687609	4
Singrauli	Waidhan O&M	Samood, Sarai	24.021183,82.170637	4

Name of Circle	Name of Division	Name of Village with Tehsil	Name of Sub station	Location of 33/11kv S/s		Final Injectable capacity (MW)
				Latitude	Longitude	
Tikamgarh	Tikamgarh	m Khera - Tikam	NEEMKHERA	24° 40'27.70" N	78° 47'17.88"E	2
	Tikamgarh	PATAURI - Baldeogarh	PATAURI	24° 41'48.21" N	79° 13'49.30"E	2
	Tikamgarh	CHANDERY - Baldeogarh	CHANDERY	24° 48'21.60" N	79° 16'2.54"E	2
	Tikamgarh	AHAR - Baldeogarh	AHAR	24° 46'10.15" N	79°1'5.53"E	2
	Tikamgarh	KHARGAPUR - Baldeogarh	KHARGAPUR	24° 49'49.89" N	79°8'50.67"E	2
	Tikamgarh	DERI- Baldeogarh	DERI	24° 53'35.98 " N	79° 14'30.34"E	2
	Tikamgarh	MAVAI- Tikamgarh	MAVAI	24° 48'10.26" N	78° 56'2.41"E	2
	Tikamgarh	DHAJRAI - Tikamgarh	DHAJRAI	24° 45'56.52" N	78° 54'28.91"E	2
	Tikamgarh	DONGA MICROWAVE- Tikamgarh	DONGA MICROWAVE	24° 45'31.56" N	78° 48'45.97"E	2
	Tikamgarh	132KV EHV SUB STN- Tikamgarh	132KV EHV SUB STN	24° 43'53.71" N	78° 50'34.60"E	2
	Tikamgarh	GOR- Mohangarh	GOR	24° 55'28.02" N	78° 45'58.95"E	2
	Tikamgarh	HEERA NAGAR- Mohangarh	HEERA NAGAR	24° 49'46.49" N	78° 50'19.48"E	2
	Tikamgarh	MOHANGARH- Mohangarh	MOHANGARH	24° 59'11.95" N	78° 40'40.84"E	2
	Tikamgarh	BANDHA- Mohangarh	BANDHA	25°2'31.65" N	78° 44'14.37"E	2
	Tikamgarh	JATARA - Jatara	JATARA	24° 59'37.92" N	79°2'17.25"E	2
	Tikamgarh	LARON - Palera	LARON	25°3'14.18" N	79°16'50.16"E	2
	Tikamgarh	VEERPURA - Jatara	VEERPURA	25°7'43.46" N	79°0'18.18"E	2
	Tikamgarh	HIRDAY NAGAR - Tikamgarh	HIRDAY NAGAR	24° 55'5.13" N	79°0'8.31"E	2
	Tikamgarh	NAYAKHERA - Tikamgarh	NAYAKHERA	24° 45'19.73" N	78° 47'44.34"E	2
	Tikamgarh	GUDANWARA(PATHA) - Tikamgarh	GUDANWARA(PATHA)	24° 40'0.07" N	78° 54'18.60"E	2

	Tikamgarh	BARANA - Palera	BARANA	25°2'57.64" N	79°7'44.73"E	2
	Tikamgarh	PALERA - Palera	PALERA	25°1'29.32" N	79°13'19.46"E	2
	Tikamgarh	BAHMORI KALA - Palera	BAHMORI KALA	25°8'22.58" N	79°5'45.88"E	2
	Tikamgarh	BADAGAON - Badagaon	BADAGAON	24° 34'27.57" N	79°1'22.41"E	2
	Tikamgarh	KAKARWAHA - Badagaon	KAKARWAHA	24° 28'55.19" N	78° 58'14.09"E	2
	Tikamgarh	SARKANPUR - Khargapur	SARKANPUR	24° 51'15.28" N	78° 3'401.76"E	2
	Tikamgarh	BUDERA - Tikamgarh	BUDERA	24° 39'13.03" N	79°4'46.92"E	2
	Tikamgarh	KHODERA - Tikamgarh	KHODERA	24° 39'21.27" N	79°10'37.12"E	2
	Tikamgarh	NAINWARI - Tikamgarh	NAINWARI	24° 40'50.95" N	78° 59'40.52"E	2
	Tikamgarh	KARI - Tikamgarh	KARI	24° 49'50.61" N	78° 51'47.70"E	2
	Tikamgarh	BALDEOPURA - Baldeogarh	BALDEOPURA			2
	Prithvipur	HVIPUR-PRITHV	PRITHVIPUR	25°12'27.00" N	78° 44'41.48"E	2
	Prithvipur	MRA-PRITHVIPL	SIMRA	25°10'7.82" N	78° 38'2.69"E	2
	Prithvipur	BEEJOR-NIWARI	BEEJOR	25°27'16.65" N	78° 45'56.49"E	2
	Prithvipur	EHARKA-NIWAR	TEHARKA	25°17'33.81" N	78° 54'13.32"E	2
	Prithvipur	KENA-NIWARI	KENA	25°22'59.79" N	78° 47'3.19"E	2
	Prithvipur	YAKHERA - NIW	NAYAKHERA (PPR	25°18'22.91"N	78°46'36.66"E	2
	Prithvipur	HVIPUR-PRITHV	PRITHVIPUR	25°12'27.00" N	78° 44'41.48"E	2
	Prithvipur	MRA-PRITHVIPL	SIMRA	25°10'7.82" N	78° 38'2.69"E	2
	Prithvipur	BEEJOR-NIWARI	BEEJOR	25°27'16.65" N	78° 45'56.49"E	2
	Prithvipur	EHARKA-NIWAR	TEHARKA	25°17'33.81" N	78° 54'13.32"E	2
	Prithvipur	KENA-NIWARI	KENA	25°22'59.79" N	78° 47'3.19"E	2
	Prithvipur	YAKHERA - NIW	NAYAKHERA (PPR	25°18'22.91"N	78°46'36.66"E	2

Name of Circle	Name of Division	Name of Village with Tehsil	Location of 33 KV Substation (Latitude and Longitude)		Final Injectable capacity (MW)
			Lat.	Lng.	
Umaria	Umaria	Chandia / Chandia	23.65013872	80.71134747	2

M.P.P.K.V.V.Co. Ltd. Indore

Sub Station wise Capacity for injection of renewable energy under component A of Kusum scheme						
S.No.	NAME OF CIRCLE	Name of village	NAME OF CONNECTED 33/11KV S/S IN ORDER FROM GIRD NEAR TO FARTHER			Maximum Injectable Capacity
			NAME	LATITUDE	LONGITUDE	
1	INDORE O&M	BANEDIA	BANEDIA	22.852503	75.566845	0.98
2	INDORE O&M	RANGWASA	RANGWASA	22.651631	75.79253	1.30
3	Khandwa	OldCircleOffice	OldCircleOffice	21.836849	76.32849	0.96
4	Khandwa	DagadKhedi	DagadKhedi	22.076085	76.83232	0.79
5	Khandwa	Golkheda	Golkheda	21.968702	77.052471	0.53
6	Khandwa	Killod	Killod	22.182013	76.777266	1.13
7	Khandwa	BILANKHEDA	BILANKHEDA	21.820958	76.132588	1.26
8	Khandwa	BhojaKhedi	BhojaKhedi	21.866804	76.193658	2.00
9	Khandwa	DHANGAON	DHANGAON	22.094731	76.11689	1.23
10	Khandwa	Bakhargaon	Bakhargaon	22.13856891	76.20681524	1.23
11	BURHANPUR	DABHIYAKHEDA	DABHIYAKHEDA	21.322892	76.212431	2.00
12	BURHANPUR	GORADIYA	GORADIYA	21.3231907	76.2123905	2.00
13	BURHANPUR	AMBADA	AMBADA	21.404553	76.379	2.00
14	BURHANPUR	JASONDI	JASONDI	21.217677	76.414486	2.00
15	BURHANPUR	NIMANDAD	NIMANDAD	21.3229002	76.21244	2.00
16	BURHANPUR	DOIFODIYA	DOIFODIYA	21.3229015	76.2124491	2.00
17	BURHANPUR	ICHHAPUR	ICHHAPUR	21.3228399	76.2124873	2.00
18	KHARGONE	MARDANA	MARDANA	75.819129	22.174092	0.94
19	KHARGONE	BAHEGAON	BAHEGAON	75.220786	22.188845	1.58
20	KHARGONE	KATKUT	KATKUT	76.110108	22.409029	0.75

S.No.	NAME OF CIRCLE	Name of village	NAME OF CONNECTED 33/11KV S/S IN ORDER FROM GIRD NEAR TO FARTHER			Maximum Injectable Capacity
			NAME	LATITUDE	LONGITUDE	
21	KHARGONE	BAMKHAL	BAMKHAL	75.656617	21.942809	0.57
22	KHARGONE	THIBGAON	THIBGAON	75.696183	21.891581	0.85
23	KHARGONE	KHAMKHEDA	KHAMKHEDA	75.741138	22.044436	0.75
24	KHARGONE	ANJANGAON	ANJANGAON	75.976762	21.965937	0.94
25	KHARGONE	PHOKAR	PHOKAR	75.58046	21.92701	0.58
26	KHARGONE	CHIRIYA	CHIRIYA	75.892278	21.602902	1.13
27	KHARGONE	DHANWA	DHANWA	76.003724	21.690186	0.53
28	BARWANI	Dhanora	Dhanora	21.613945,	75.23412	0.89
29	BARWANI	Menimata	Menimata	21.824363,	74.889465	1.66
30	BARWANI	KANPURI	KANPURI	21°39'35.6"N	74°57'18.4"E	0.89
31	DHAR	PANDA	PANDA	22.782543	75.172049	1.85
32	DHAR	BHAMAKHEDI	BHAMAKHEDI	22.964622	75.20723	1.13
33	DHAR	NANDLAI	NANDLAI	22.959864	75.097774	2.00
34	DHAR	SATIPURA	SATIPURA	22.448947	75.180804	2.00
35	DHAR	LOHARI	LOHARI	22.211778	74.915031	2.00
36	DHAR	BHAMORI	BHAMORI	22.346823	74.868257	2.00

S.No.	NAME OF CIRCLE	Name of village	NAME OF CONNECTED 33/11KV S/S IN ORDER FROM GIRD NEAR TO FARTHER			Maximum Injectable Capacity
			NAME	LATITUDE	LONGITUDE	
37	DHAR	PIPLIYA	PIPLIYA	22.135211	75.865522	2.00
38	DHAR	GHANA(KAWDA)	GHANA(KAWDA)	22.102046	74.538028	1.47
39	DHAR	MOGRA	MOGRA	22.278667	74.68945	1.81
40	DHAR	DOGAVA	DOGAVA	22.125425	74.739559	2.00
41	DHAR	LUNERA BUJURG	LUNERA BUJURG	22.21823	75.231268	2.00
42	DHAR	AWALDA	AWALDA	22.331388	75.076736	1.49
43	DHAR	KHANDLAI	KHANDLAI	22.326198	75.148632	1.40
44	DHAR	SINGHANA	SINGHANA	22.19	74.97	2.00
45	DHAR	LABRIYA	LABRIYA	22.86335	75.043592	2.00
46	DHAR	BHARAWADA	BHARAWADA	22.687886	75.143118	1.21
47	DHAR	BHANGARTH	BHANGARTH	22.739285	74.961792	1.81
48	DHAR	GUMANPURA	GUMANPURA	22.584775	74.870305	2.00
49	DHAR	AMBADA	AMBADA	22.215655	74.833167	1.26
50	Jhabua	Para	Para	22.641309	74.664472	0.60
51	Jhabua	Sujapura	Sujapura	23.057540	74.618666	0.51
52	Jhabua	Bodayta	Bodayta	23.013432	74.943578	0.51
53	NEEMUCH	GIRDOUDA	GIRDOUDA	N24°46.19.097	E°74.94.57.525	0.94
54	NEEMUCH	KANJARDA	KANJARDA	N24°39'01.02"	E075°11'52.27" 255	0.75
55	NEEMUCH	DUDHLAI	DUDHLAI	N24.4693538	E75.4019454	1.04
56	NEEMUCH	BHAMORA	BHAMORA	N24°25'37.40"	E074°44'54.01" 009	0.75
57	RATLAM	TRIVENI	TRIVENI	N23°18'34.608"	E075°1'49.328"	0.75

S.No.	NAME OF CIRCLE	Name of village	NAME OF CONNECTED 33/11KV S/S IN ORDER FROM GIRD NEAR TO FARTHER			Maximum Injectable Capacity
			NAME	LATITUDE	LONGITUDE	
58	MANDSAUR	RISHIYANAND	RISHIYANAND	24.074163	75.031085	1.32
59	MANDSAUR	AFJALPUR	AFJALPUR	23.983802	75.226563	0.57
60	MANDSAUR	SEMLIYA HEERA	SEMLIYA HEERA	23.92191	75.038438	1.13
61	MANDSAUR	KUCHROD	KUCHROD	23.895559	75.258586	0.94
62	MANDSAUR	ZARDA	ZARDA	24.3305	75.103841	1.13
63	MANDSAUR	KANWLA	KANWLA	24.31917	75.39835	0.94
64	MANDSAUR	RANAYRA	RANAYRA	24,10,46	75,19,43	0.66
65	AGAR	JAISINGHPURA	JAISINGHPURA	75.91008	23.8185556	2.0
66	AGAR	PIPLON KALAN	PIPLON KALAN	75.87983	23.6321111	1.3
67	AGAR	1. BAROD	BAROD	75.80228	23.7775	2.0
68	AGAR	TAKHLA	TAKHLA	76.259562	23.972058	0.9
69	AGAR	DEHRIYA SOYAT	DEHRIYA SOYAT	76.15192	24.0890278	0.9
70	UJJAIN	PIPLIAHAMA	PIPLIAHAMA	23.354026	75.670299	0.92
71	UJJAIN	KHEDAKHAJURIYA	KHEDAKHAJURIYA	23.46685	75.7965	2.00
72	UJJAIN	SIJAWATA	SIJAWATA	23.15955872	75.48791019	2.00
73	UJJAIN	SANDLA	SANDLA	23.31000	75.39500	2.00
74	UJJAIN	MOHNA	MOHNA	23.443766	75.54209	2.00
75	UJJAIN	PETLAWAD	PETLAWAD	23.62676	75.57747	2.00
76	UJJAIN	KHARPA	KHARPA	23.281901	76.017594	2.00
77	UJJAIN	MAKDON	MAKDON	23.501738	76.070793	2.00
78	UJJAIN	DHABLAHARDU	DHABLAHARDU	75.89513	23.49874	2.00

S.No.	NAME OF CIRCLE	Name of village	NAME OF CONNECTED 33/11KV S/S IN ORDER FROM GIRD NEAR TO FARTHER			Maximum Injectable Capacity
			NAME	LATITUDE	LONGITUDE	
79	UJJAIN	RAMATALAI	RAMATALAI	23.368884	75.123107	2.00
80	UJJAIN	RUNKHEDA	RUNKHEDA	23.416306	75.188144	2.00
81	UJJAIN	NARSINGH GADH	NARSINGH GADH	23.374328	75.232615	2.00
82	UJJAIN	KANWAS	KANWAS	23.40212	75.20679	2.00
83	UJJAIN	GURLA	GURLA	23.2972	75.542353	2.00