



Request for Proposal (RFP)for

**Design, Engineering, Supply, Construction, Erection, Testing,
Commissioning of Grid Connected**

Roof Top Solar PV Systems

**At Poshan Aahar Sayantra Badi Dist Raisen Madhya Pradesh and Bio Fertilizer
Plant Indarpuri (Bhopal) of Suitable Capacity and Operate & Maintain for 5 years**

Reference: Bhopal dated HO/PROJ/22-23/ /date 29/09/ 2022

The M.P. State Agro Industries Development Corporation Limited
3rd Floor Panchanan Bhavan, Malviya Nagar Bhopal PIN-
462003
Head office: 0755-2551652, 2551967, 2551756
Fax No. 0755-2557305
E-mail: mpagrohobpl@gmail.com ; Website: www.mpagro.org



**THE MADHYA PRADESH STATE AGRO INDUSTRIES DEVELOPMENT CORPORATION
LIMITED**

"PANCHANAN" 3rd FLOOR, MALAVIYA NAGAR, BHOPAL

Phone (0755)- 2760517, 2761392, Fax: 0755-2557305

CIN No. U01119MP1969SGC001055

Email- mpagrohobpl@gmail.com, Website- www.mpagro.org

REF. HO/PROJ./2022-23/

Dated : 27-09-2022

Notice for Request for Proposal (RFP) for, Supply, Construction, Erection, Testing, Commissioning of Grid Connected Roof Top Solar PV Systems and Operation and Management (O&M) for 5 Years

Corporation invites Online Request for Proposal (RFP) for design and Supply, Construction, Erection, Testing, Commissioning of Grid Connected Roof Top Solar PV Systems with operation and management at Bio Fertilizer Plant Indrapuri Bhopal and Poshan Aahar Sayantra Badi Distt Raisen from the eligible Firms / Company / Trust and Society/ Agencies. Due date of submission of online application along with EMD and Documents fee is 19-10-2022 up to 5.00 PM. For Online Submission of offer please visit www.mptenders.gov.in. The detailed documents and other information can be seen at Corporation's website www.mpagro.org and www.mptenders.gov.in. Updation /Amendments, if any, will be published only on www.mpagro.org No further notification will be made in the newspapers.

MANAGER (PROJECT)



The M.P. State Agro Industries Development Corporation Limited
3rd Floor Panchanan Bhawan, Malviya Nagar , Bhopal PIN-462003

**Notice for Inviting
Request for Proposal (RFP)**

For design and Supply, Construction, Erection, Testing, Commissioning of Grid Connected Roof Top Solar PV Systems

RFP REFERENCE NUMBER: MPSAIDC/HO/PROJ/SOLAR/22-23/.....DATED

| | | |
|----|---|--|
| 1 | Name of the work | Engagement of Firm For design and Supply, Construction, Erection, Testing, Commissioning of Grid Connected Roof Top Solar PV Systems Bio Fertilizer Plant Indrapuri Bhopal and Poshan Aahar Sayantra Badi Distt Raisen |
| 2 | Period of contract | 6 Month (Extendable in exigency to do so) |
| 3 | Date of publication of NIT on website: https://mptenders.gov.in/ | 29.09.2022 |
| 4 | Date & time of Pre-bid meeting | 10-10-2022 at 1.00 P.M. In the Office of Managing Director MP State Agro Industries Development Corporation Third Floor Panchanan Bhawan Malviya Nagar Bhopal |
| 5 | Last date & time for receipt of online bids | 19-10-2022 up to 05:00 PM |
| 6 | Submission of original copies of Bid | 19-10-2022 up to 5.00 P.M. |
| 7 | Technical Bid Opening Date | 20-10-2022 at 03:00 PM |
| 8 | Name & address of office invitingtender | Managing Director, The M.P. State Agro Industries DevelopmentCorporation Limited. Panchanan 3rd Floor, Malviya Nagar, Bhopal, Madhya Pradesh 462003 |
| 9 | Contact no. of procurement officer | 0755-2551652, 2551967, 2551756, 9826579569 |
| 10 | Helpline no. of e-procurement | 0120-4001 002, 0120-4001 005 |

Any corrigendum/addendum can be seen on website: <https://mptenders.gov.in/>. Further details can be seen on website: <https://mptenders.gov.in/>

Managing Director,
The M.P. State Agro Industries Development Corporation
Limited

RFP REFERENCE NUMBER:
MPSAIDC/HO/PROJ/FLORICULTURE/22-23/.....DATED

1. List of Important dates & details of Bids

| | | |
|----|---|---|
| 1 | Name of work | Engagement of Firm For design and Supply, Construction, Erection, Testing, Commissioning of Grid Connected Roof Top Solar PV Systems Bio Fertilizer Plant Indrapuri Bhopal and Poshan Aahar Sayantra Badi Distt Raisen |
| 2 | Tender reference no. | MPSAIDC/HO/HORTI/FLORICULTURE/22-23/.....DATED |
| 3 | Period of contract | 6 Month (Extendable in exigency to do so) |
| 4 | Mode of submission of tender | Online through https://mptenders.gov.in/ |
| 5 | Cost of Bid document (non-refundable) | For General Bidder: Rs. 10000/- (Rupees Ten thousand) only. For MSME of MP: Rs. Nil |
| 6 | Earnest Money Deposit (EMD) | ❖ For General Bidder: Rs.200000/- (Rupees Two Lakh) only ❖ For MSE of MP: Rs. Nil |
| 7 | Date of publication of NIT on website: https://mptenders.gov.in/ | 29-09-2022 |
| 8 | Date & time of Pre-bid meeting | 10-10-2022 at 1.00 P.M. In the Office of Managing Director MP State Agro Industries Development Corporation Third Floor Panchanan Bhawan Malviya Nagar Bhopal |
| 9 | Period of downloading of bidding documents | Start date: 29-09-2022 Time: 02:00 PM End date: 19-10-2022 Time: 04:55 P.M. |
| 10 | Bid online submission | Start date: 29-10-2022 Time: 02:00 A.M. End date: 19-10-2022 Time: 05.00 P.M. |
| 11 | Technical bid opening date | 20-10-2022 Time: 03.00 P.M. |
| 12 | Authority inviting bids | Managing Director, The M.P. State Agro Industries Development Corporation Limited. |
| 13 | Address | Panchanan 3rd Floor, Malviya Nagar, Bhopal, Madhya Pradesh 462003 E-mail: mpagrohbpl@gmail.com ; Website: www.mpagro.org 0755-2551652, 2551967, 2551756 |

Note: MSEs of Madhya Pradesh seeking exemption from Bid fee & EMD, shall submit online documentary evidences supporting the exemption.

2. Instructions to Bidders

1. The guidelines to submit bid online can be downloaded from website <https://mptenders.gov.in/>
2. The interested bidders can download the bid from the website "<https://mptenders.gov.in/>".
3. To participate in bidding process, bidders have to get 'Digital Signature Certificate (DSC)' as per Information Technology Act-2000 to participate in online bidding. This certificate will be required for digitally signing the bid. Bidders can get above mention digital signature certificate from any approved vendors (CCA). Bidders, who already possess valid Digital Certificates, need not to procure new Digital Certificate.
4. The bidders have to submit their bids online in electronic format with digital Signature. The bids without digital signature will not be accepted. No proposal will be accepted in physical form.
5. Bids will be opened online as per time schedule.
6. Bidders should get ready with the scanned copies of documents & tender fee as specified in the tender document.
7. Uploaded documents of valid successful bidders will be verified with the original before signing the agreement. The valid successful bidder has to provide the originals to the concerned authority. The department will not be responsible for delay in online submission due to any reason.
8. All the required information for bid must be filled and submitted online.
9. Other details can be seen in the bidding documents.

B. Details of documents to be furnished for online bidding

1. Scanned copies of the following documents to be up-loaded in pdf format on the website <https://mptenders.gov.in/>
 - i. Transfer receipt towards Tender fee.
 - ii. Transfer receipt towards EMD.
 - iii. GST certificate.
 - iv. PAN Card
 - v. Firm's registration certificate/ Registration certificate of MSME of MP.
 - vi. Audited Balance sheet of last three years with **Income Tax Return (ITR) of CA certificate for Turnover**
2. Scanned Copies of the Annexure as per the enclosed formats should be uploaded after converting the same to .pdf format.
 - i. Annexure-1 Covering Letter (On Bidder's Letterhead)
 - ii. Annexure 2: Authorization Letter: Form No. T-1
 - iii. Annexure 3: Work Experience: Form No. T- 2
 - iv. Annexure 4: Details of Team: Form No. T-3
 - v. Annexure 5: CV Format: Form No. T- 4
 - vi. Annexure 6: Qualification and experience of the key personnel: Form No T- 4 (a)
 - vii. Annexure 7: Financial Proposal BOQ
 - viii. Annexure-8: Format for Financial Requirement – Annual Turnover
 - ix. Annexure-9: Format for Financial Requirement - Net Worth Certificate
 - x. Annexure-10: Contact Person for the NIB

xi. Annexure-11: Information about the Bidding Firm

3. Uploaded documents of valid successful bidders will be verified with the original before signing the agreement. The valid successful bidder has to provide the originals to the concerned authority on receipt of such letter, which will be sent on registered email address.

4: Section-I: REQUEST FOR PROPOSALS (RFP)

1. The M.P. State Agro Industries Development Corporation Limited is a government entity under the administrative control of the Government of Madhya Pradesh.
2. The M.P. State Agro Industries Development Corporation Limited invites proposals for Engagement of Firm For design and Supply, Construction, Erection, Testing, Commissioning of Grid Connected Roof Top Solar PV Systems Bio Fertilizer Plant Indrapuri Bhopal and Poshan Aahar Sayantra Badi Distt. Raisen.
3. The Firms/Agencies/bidder firms should have proven experience of providing design and Supply, Construction, Erection, Testing, Commissioning of Grid Connected Roof Top Solar PV Systems are eligible to participate in this engagement process. The firm should have financial capability to undertake the assignment and key personnel should have experience in executing eligible assignments as specified in RFP document.
4. The RFP includes the following documents:

Section I - Request for Proposals (RFP)

Section II - Instruction to Bidders (ITB)

Section III - Scope of Work (SOW)

Section IV-Terms of Payment

Section V: Technical Proposal (TP) - Formats

5. The "Request for Proposal" for Engagement is available on the website [www. http://mpagro.org/](http://mpagro.org/) for download and can also be obtained from <https://mptenders.gov.in/>. Cost of RFP document is Rs.10000 /- (Rs. Ten Thousand only) which is payable online. However, the bidder must deposit online non-refundable tender processing fee while submission of tenders in <https://mptenders.gov.in/>.
6. Each Bidder shall submit an Earnest Money Deposit (EMD) of an amount Rs. 200000/- (Rupees Two Lakh Only)
7. The M.P. State Agro Industries Development Corporation Limited reserves the right to reject any or all theProposals in whole or part without assigning any reasons.
8. The M.P. State Agro Industries Development Corporation Limited intends to select consulting firms/organizationsin accordance with the selection procedure given in this RFP.
9. Address for Communication:

The M.P. State Agro Industries Development Corporation Limited Panchanan 3rd Floor, Malviya Nagar, Bhopal, Madhya Pradesh 462003

Contact Number Head office: 0755-2551652, 2551967, 2551756 Fax No. 0755-2557305

E-mail: mpagrohbpl@gmail.com ; Website: www.mpagro.org

5. Section-II: Instructions to Bidders (ITB)

5.1 Definitions

Unless the context otherwise requires, the following terms whenever used in this RFP and Agreement have the following meanings:

- a. "Applicable Law" means the laws and any other instruments having the force of law in India as they may be issued and in force from time to time.
- b. "Proposals" means proposal submitted by respondents in response to the RFP issued by MP State Agro Industries Corporation Limited, on behalf of Government of MP for engagement of Consultants.
- c. "Competent Authority" means the Managing Director MP State Agro Industries Corporation Limited.
- d. "Committee" means committee constituted for evaluation of Technical Proposals.
- e. "Bidder" means Firm/Agency/Company Expert on the panel drawn up in pursuance of this RFP, which will provide the services to MP State Agro Industries Corporation Limited.
- f. "Agreement" means the Agreement signed by the parties for engagement along with the entire documentation specified in the RFP.
- g. "Day" means Calendar Day.
- h. "Effective date" means the date on which the agreement comes into force and effect.
- i. "RFP" means Request for Proposals, specified in Section I of this document.
- j. "ITB" means Instructions to Bidders, specified in Section II of RFP.
- k. "Government" means the MP State Government.
- l. "Member" means any of the entities that make up the joint venture / consortium / association, in relation to responding to this RFP.
- m. "Personnel" means professional and support staff provided by the Bidder detailed to perform services to execute an assignment and any part thereof.
- n. "SOW" means Scope of Work for the Respondents, specified in Section III of RFP.
- o. "Services" means the work to be performed by the bidder pursuant to the engagement by The M.P. State Agro Industries Development Corporation Limited and to the agreement to be signed by the parties in pursuance of any specific assignment awarded to them by The M.P. State Agro Industries Development Corporation Limited.
- p. "Resource" means manpower position.
- q. "LOA" means Letter of Award.

5.2 Introduction

Established on 21st March 1969 under the Companies Act with the participation of Government of Industries and State Government. The authorized share capital of the corporation is Rs.500.00 lakhs and the paid-up share capital is Rs.329.49 lakhs out of which the share of Government of Industries is Rs.120.00 lakhs and the share of State Government is Rs.209.49 lakhs.

In Madhya Pradesh, regional offices at all divisional levels and district offices of the corporation are established at the district headquarters from where all the activities of the corporation are being conducted and cooperation is being provided to the farmers of the state in agricultural exchange system.

5.3 Conflict of interest

The M.P. State Agro Industries Development Corporation Limited requires that the bidder should provide professional, objective, and impartial advice purely based on standard and accepted technical norms and at all times hold the M.P. State Agro Industries Development Corporation Limited 's interests paramount, strictly avoid conflicts with other assignments/jobs or their own corporate interests and act without any consideration for future work. The norms should be based on principles guided by all connected codes and guidelines issued from time to time by central and state authorities.

5.4 Validity of proposals

Proposals shall remain valid for the period of 90 days from the date of publication of this RFP. A Proposal valid for shorter period may be rejected as non-responsive.

5.5 Right to accept proposal

The M.P. State Agro Industries Development Corporation Limited reserves the right to accept or reject any Proposal, and to annul the Engagement process and reject all Proposals at any time prior to the signing of the agreement, without thereby incurring any liability to the affected Respondent(s) or any obligation to inform the affected Respondent(s) of the grounds for such decision.

5.6 Fraud and Corruption

The M.P. State Agro Industries Development Corporation Limited requires that the Firm empanelled through this RFP must observe the highest standards of ethics during the performance and execution of such agreement. In pursuance of this policy,

5.6.1 Defines, for the purposes of this provision, the terms set forth as follows:

- I. "**Corrupt practice**" means the offering, giving, receiving or soliciting of anything of value to influence the action of The M.P. State Agro Industries Development Corporation Limited or any personnel of Bidder(s) in contract executions.
- II. "**Fraudulent practice**" means a mis-presentation of facts, in order to influence a procurement process or the execution of a contract, to The M.P. State Agro Industries Development Corporation Limited, and includes collusive practice among Respondents (prior to or after Proposal submission) designed to establish Proposal prices at artificially high or non- competitive levels and to deprive The M.P. State Agro Industries Development Corporation Limited of the benefits of free and open competition;

- iii. **“Unfair trade practices”** means supply of services different from what is ordered on or change in the Scope of Work which was given by the The M.P. State Agro Industries Development Corporation Limited in Section III.
- iv. **“Coercive practices”** means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the execution of contract.
- v. The M.P. State Agro Industries Development Corporation Limited shall reject a proposal for award, if it determines that the Respondent recommended for award, has been determined by MP State Agro Industries Corporation Limited to having been engaged in corrupt, fraudulent or unfair trade practices.
- vi. The M.P. State Agro Industries Development Corporation Limited shall declare a Bidder ineligible, either indefinitely or for a stated period of time, for awarding the contract, if it at any time determines that the Bidder has engaged in corrupt, fraudulent and unfair trade practice in competing for, or in executing, the contract.

5.7 Clarifications and amendments of RFP Document

5.7.1 RFP Clarifications

During technical evaluation of the Proposals, The M.P. State Agro Industries Development Corporation Limited may, at its discretion, ask Respondents for clarifications on their proposal. The Respondents are required to respond within the time frame prescribed by The M.P. State Agro Industries Development Corporation Limited.

5.7.2 Amendments in RFP

At any time prior to deadline for submission of proposal, The M.P. State Agro Industries Development Corporation Limited may for any reason, modify the RFP. The prospective Respondents having received the RFP shall be notified of the amendments through website and such amendments shall be binding on them.

5.7.3 Process for Engagement of Respondents

The M.P. State Agro Industries Development Corporation Limited intends to engage agencies for work related to RFP and Energy Efficiency in the state during the contract period. The scope of work is indicated in Section III.

5.8 Eligibility Criteria

The Bidder must meet the following eligibility criteria:

- 5.8.1 **Turnover:** Cumulative turnover of Rs. 1.5 Cr. in last three Financial Years FY 2019-20, FY 2020-21, FY 2021- 22 form Supply and Installation of Roof Top grid Connected Solar Power Projects and/ or Supply and Installation of Solar Power Plants / Power Sector.
- 5.8.2 **Net Worth:** Company / Trust and Society/ Agencies/ bidder agencies should have a positive net worth for last three financial years.
- 5.8.3 **Experience:** The bidder must have prior experience of working with Government Agencies/ State Nodal Agencies / PSUs in Industries /Private sector for Grid Connected solar power project and must

have completed at least 1 similar Project(s) of minimum **200Kw capacity**. Bidder has to submit the completion certificate in support of above claim.

- 5.8.4 **Manpower:** The Bidder must have a team of at least 5 full time employees engaged only in Solar Energy sector advisory evidenced by declaration on letterhead.
- 5.8.5 Consortiums, associations and sub-contracting are not allowed for this tender.
- 5.8.6 The Bidder should be registered in Industries with appropriate statutory authorities as required under law. Copies of all such registration papers including PAN and GST must be enclosed.
- 5.8.7 The bidder as a joint venture is not eligible for participation in bidding.
- 5.8.8 The bidder must have a valid GST certificate based within Madhya Pradesh.
- 5.8.9 The bidder must have a registered office address for at least 6 months in Madhya Pradesh.
- 5.8.10 The bidder must have authorization from Panel's OEM.

5.9 Composition of manpower and deployment

5.9.1 Team Composition (Man-power)

| Sl. | Position | No of Staff | Minimum Qualification and Experience |
|-----|---------------------|-------------|--|
| 1. | Team Leader | 01 | Graduate Degree in engineering/ Technology with a minimum of 10 years of relevant professional experience of which 3 years shall be in solar energy. |
| 2. | Solar Energy Expert | 02 | B.E. / B.Tech (Electrical/ Electronics/ Power Management/ Energy Management) with 5years relevant professional experience with 3 years in Solar Energy Projects. |
| 3. | Project Engineer | 02 | Graduate Degree in engineering/ Technology with a minimum of 3 years of relevant professional experience of which 1 year shall be in solar energy. |

- (1) The firm shall deploy a suitable task force of well-qualified and experienced designated persons. The name of the persons proposed to be deployed for completion of services included under the scope of this specification, along with their relevant experience shall be included by the bidder in the offer.
- (2) All designated persons should be on rolls of firm.
- (3) Team Leader/ Project Engineers needs to visit The M.P. State Agro Industries Development Corporation Limited office at least once in one month and provide routine update to The M.P. State Agro Industries Development Corporation Limited.
- (4) The Bidder is advised to visit and examine the site of works and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the Bid

and entering into a contract for the design-build and completion and commissioning of the works. The information of the project provided in the tender document is for guidance only. The cost of visiting the Site and investigation etc. shall be at the bidders own expense.

- (5) The Bidder and any of its personnel or agents will be granted permission by the MPAGRO to enter upon its premises and lands for the purpose of such inspection, but it is deemed that the bidder, its personnel and agents, will release and indemnify the MP AGRO and its personnel and agents from and against all liability in respect thereof and the Bidder will be responsible for death or personal injury, loss of or damage to property and any other loss, costs and expenses incurred as a result of the inspection.
- (6) The onsite team shall maintain the safety norms, site guidelines as per applicable.

5.10 Disqualifications

The Managing Director, The M.P. State Agro Industries Development Corporation Limited may at its sole discretion and at any time during the evaluation of Proposal, disqualify any bidder, if the bidder has Submitted the Proposal documents after the response deadline;

Made misleading or false representations in the forms, statements and attachments submitted in proof of the eligibility requirements; Exhibited a record of poor performance such as abandoning works, not properly completing the contractual obligations, inordinately delaying completion or financial failures, etc. in any project in the preceding two years; Submitted a proposal that is not accompanied by required documentation or is non- responsive; Failed to provide clarifications related there to, when sought;

Submitted more than one Proposal; declared ineligible by the Government of Industries /State/UT Government for corrupt and fraudulent practices or blacklisted or debarred by any government agency, Submitted a proposal with price adjustment/variation provision.

5.11 Request for Proposal

The bidders are expected to examine all the instructions, guidelines, terms and condition and formats in the RFP. Failure to furnish all the necessary information as required by the RFP on submission of a proposal not substantially responsive to all the aspects of the RFP shall be at bidder's own risk and may be liable for rejection. The entire set of RFP is available for download at: www.mpagro.org and <https://mptenders.gov.in/>

5.12 Site Visit

- 5.12.1 The Bidder is advised to visit and examine the site of works and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the Bid and entering into a contract for the design-build and completion and commissioning of the works. The information of the project provided in the tender document is for guidance only. The cost of visiting the Site and investigation etc. shall be at the bidder's own expense.
- 5.12.2 The Bidder and any of its personnel or agents will be granted permission by the MPAGRO to enter upon its premises and lands for the purpose of such inspection, but it is deemed that the bidder, its personnel and agents, will release and indemnify the MP AGRO and its personnel and agents from and against all liability in respect thereof and the Bidder will be responsible for death or personal injury, loss of or

damage to property and any other loss, costs and expenses incurred as a result of the inspection.

- 5.12.3 For visit to site the Executive Engineer (Electrical Section), MP AGRO, Bhopal (MP) may be contacted during office hours.

5.13 Pre-Proposal Queries

The prospective bidders, requiring any clarification on RFP may notify the same in the form of query to The M.P. State Agro Industries Development Corporation Limited well before the pre-bid meeting. The M.P. State Agro Industries Development Corporation Limited response as well as the clarifications sought (including an explanation of the query but without identifying the source of inquiry) will be uploaded to the website for all the prospective bidders interested in submitting the Proposal.

5.14 Pre-Bid Meeting

(a) All Bidders are invited to attend the Pre-Bid Meetings on the dates mentioned in the Bid Schedule at the time and place as provided therein.

(b) All Bidders are requested to submit any queries to MP AGRO, through the E-Bidding Portal, atleast 3 (three) days prior to the date of the Pre-Bid Meeting.

5.15 Preparation of Proposal

The bidders shall comply with the following related information during preparation of the Proposal-

The Proposal and all associated correspondence shall be written in English and shall conform to prescribed formats. Any interlineations, erasures or over writings shall be valid only if they are initialed by the authorized person signing the Proposal.

The Proposal shall be typed or written in indelible ink (if required) and shall be signed by authorized person(s) to bind the bidder. **The letter of authorization shall be indicated by authenticated Power of Attorney and shall accompany the Proposal.**

In addition to the identification, the covering letter (Form 1) shall indicate the name and address of the bidder to enable the proposal to be returned in the case it is declared late, and for other purposes.

Proposals received by facsimile shall be treated as defective, invalid and rejected. Only detailed complete proposals in the form indicated above received prior to the closing time and date of the proposals shall be taken as valid.

Bidders are not permitted to modify, substitute, or withdraw Proposals after its submission.

5.16 Submission, Receipts and Opening of Proposals

The bidder shall submit the proposal in which the covering letter (Form 1) shall be in hard copy. However, during the course of evaluation of Proposal, as well as during the period of agreement, the competent authority has the right to carry out a due diligence in a fashion relevant to understand the facts.

5.17 Deadline for submission of Proposals

Deadlines for submission of Proposal will be in accordance as detailed at page no 3 of this document.

5.18 List of documents to be submitted as part of Proposal

5.18.1 Form I: Proposal Form

5.18.2 Form II: Technical Proposal – details

Applicants shall submit the technical proposal in the formats (T-1 to T-4a). While submitting the Technical Proposal, the Applicant shall in particular ensure that:

- I. The composition of the team of personnel which the Bidders would propose to provide with the details of name of the key personal, his area of expertise, position and the tasks which would be assigned to each team member other details.
- II. Curricula Vitae of the individual staff members to be assigned to the work and of the senior officer in the home office who would be responsible for supervision of the team. The curricula vitae should follow the attached Format.
- III. Any comments or suggestions of the Firm on the Terms of reference as given in Format.
- IV. The Technical Proposal shall not include any financial information relating to the Financial Proposal (Annexure 7: Form No. F-1).
- V. The M.P. State Agro Industries Development Corporation Limited reserves the right to verify all statements, information and documents, submitted by the applicant in response to the RFP. Failure of The M.P. State Agro Industries Development Corporation Limited to undertake such verification shall not relieve the Applicant of its obligations or liabilities hereunder nor will it affect any rights of The M.P. State Agro Industries Development Corporation Limited there under.
- VI. In case it is found during the evaluation or at any time before signing of the Agreement or after its execution and during the period of subsistence thereof, that one or more of the eligibility conditions have not been met by the Applicant or the Applicant has made material misrepresentation or has given any materially incorrect or false information, the Applicant shall be disqualified forthwith if not yet appointed as the Bidder either by issue of the LOA or entering into of the Agreement, and if the Applicant has already been issued the LOA or has entered into the Agreement, as the case may be, the same shall, notwithstanding anything to the contrary contained therein or in this RFP, be liable to be terminated, by a communication in writing by The M.P. State Agro Industries Development Corporation Limited without The M.P. State Agro Industries Development Corporation Limited being liable in any manner whatsoever to the Applicant or bidder, as the case may be.
- VII. In such an event, The M.P. State Agro Industries Development Corporation Limited shall forfeit and appropriate the Bid Security as mutually agreed pre- estimated compensation and damages payable to The M.P. State Agro Industries Development Corporation Limited for, inter alia, time, cost and effort of The M.P. State Agro Industries Development Corporation Limited, without prejudice to any other right or remedy that may be available to The M.P. State Agro Industries Development Corporation Limited.

5.18.3 Form II: Financial Proposal – details

- i. Applicants shall submit the financial proposal in the formats at Annexure-7: Form No. F-1 (the "Financial Proposal") clearly indicating the total cost of the Project including 5 Year Operation and management for both sites, in both figures and words, in Industries in Rupees, and signed by the Applicant's authorized signatory. In the event of any difference between figures and words, the amount indicated in words shall be taken into account.

While submitting the Financial Proposal, the Applicant shall ensure the following:

- ii. All the costs associated with the assignment shall be included in the Financial Proposal. The total amount indicated in the Financial Proposal shall be without any condition attached or subject to any assumption, and shall be final and binding. In case any assumption or condition is indicated in the Financial Proposal, it shall be considered non-responsive and liable to be rejected.
- iii. The Financial Proposal shall take into account all expenses of design, installation and commissioning work as mentioned in Scope of Work including, travelling arrangement of team to sites, tax liabilities and any other expenses of team to carry out work efficiently. For the avoidance of doubt, it is clarified that all taxes as are applicable or may become applicable shall be deemed to be included in the costs shown under different items of the Financial Proposal. Further, all payments shall be subject to deduction of taxes at source as per applicable laws.
- iv. Costs (including break down of costs) shall be expressed in INR.

5.19 Submission of Proposals by Bidders

Bidder shall submit responses (referred to as 'Proposals' herein) only to the contact person mentioned in Clause 11 of Section 1.

5.20 Technical Bid opening date

Technical bid would be opened on at 5.00 P.M.at the address indicated.

5.21 Evaluation Criteria and Evaluation of Proposals

A. Technical Qualification Criteria:

The M.P. State Agro Industries Development Corporation Limited will evaluate the proposal receipt through The M.P. State Agro Industries Development Corporation Limited purchase committee for a detailed scrutiny. During evaluation of Proposals, The M.P. State Agro Industries Development Corporation Limited, may, at its discretion, ask the bidders for clarification of their Proposals. The process for evaluation of Proposals is as given below-

Technical Evaluation: If a Technical Proposal is determined as not substantially responsive, The M.P. State Agro Industries Development Corporation Limited will reject it. Technical Proposals conforming to eligibility criteria will be taken up for detailed technical evaluation. The bidders would be required to make presentation before the Technical Committee if required, for which intimation would be given to the Firms/Agencies/Consultants with a notice of at least 7 days along with date, place and time of such presentation.

The parameters and weightages to be used for technical evaluation will be as follows:

5.21.1 **Table-1 Technical Evaluation Break-Up**

| | | |
|----|-------------------------------|----------|
| A. | Past Experience | 40 Marks |
| B. | Manpower Strength | 20 Marks |
| C. | Methodology and time schedule | 20 Marks |
| D. | Financial Strength | 20 Marks |

Table-1 A. Past Experience marks Break-up

| Sr.No. | Past Experience | 40 Marks | |
|--------|--|----------|----|
| 1.1 | Experience of setting up of roof top grid connected Solar Energy projects | | 20 |
| A | >= 300 KW | 20 | |
| B | >=200 KW and <300 KW | 15 | |
| 1.2 | Experience of assisting Solar Power Project in Madhya Pradesh | | 10 |
| A | Experience of assisting any Grid Connected Solar Power Project in M.P.M.K.V.V.C.L. in last 3 years with >=300kW | 10 | |
| B | Experience of assisting any Grid Connected Solar Power Project in any Other DISCOM of Madhya Pradesh with capacity >=200kW | 5 | |
| 1.3 | Experience of working with Government Agencies/ State Nodal Agencies / PSUs in Industries /Private sector for Grid Connected solar power project | | 10 |
| A | One Project of Minimum Capacity of 300KW | 10 | |
| B | One Project of Minimum Capacity of 200KW | 5 | |

Table-1 B. Manpower Strength marks breakup

| 2 | Manpower Strength | 20 Marks |
|-----|--|---|
| 2.1 | Qualification of the personnel (relevant to Power Sector) Maximum 5 Personnel) <ul style="list-style-type: none"> • Post Graduate • Graduate | <ul style="list-style-type: none"> • 4 marks to each Post graduate • 3 mark to each Graduate, |

Table-1 C. Methodology and time schedule

| | | |
|---|--|-----------------|
| 3 | Proposed Methodology Work Plan and Time Schedule for each of the proposed Activities (Bidder to submit written plan and if required to give presentation) | 20 Marks |
|---|--|-----------------|

Table-1 D. Financial Strength

| | | |
|-----|---|----------------------|
| 4 | Financial Strength | 20 Marks |
| 4.1 | Cumulative turnover in last three Financial Years from Supply and installation of Roof Top Grid connected solar Power system or Power sector (in INR) <ul style="list-style-type: none">• Above 3 Cr.• 1.5 Cr. Up to 3 Cr. | 20 Marks 10 Marks |

**Bidders should submit copies of Certificates duly signed and sealed by the Authorized signatory as documentary evidence for Experience of undertaking similar assignments of each category.*

Note: Based on the number of personnel, their qualifications, marks will be awarded on a proportionate basis.

a. Evaluation Method:

It will be Quality cum Cost Basis Selection (QCBS). Bids of all Bidders shall be evaluated based on the above-mentioned criteria to arrive at a Technical Score for Each Bidder. Only bids having a Technical Score greater than 60 marks shall be qualified for the next stage: i.e. opening of the Financial Bid.

The bidder attaining a Technical Score lower than 60 marks shall be disqualified and their respective Financial Proposal shall not be opened.

The **Financial Bids** of only those Bidders that have qualified as per the criteria mentioned above shall be opened. The Financial Bids shall be evaluated and a Financial Score shall be determined for each bidder. The Financial Score shall be calculated based on the following formula:

$$Sf = 100 \times Fm / Fx$$

Where Sf shall mean the **Financial Score** of the bidder to be evaluated; Fm shall mean the lowest price offered among all the bidders; and
Fx shall mean the price quoted by the bidder to be evaluated.

The Technical Score of the Bidder multiplied by 80% and to which Financial Score worked out abovemultiplied by 20% will be added. The bidder with highest total score will be Successful Bidder.

b. Confidentiality

Information relating to the examination, clarification and comparison of the Proposals shall not be disclosed to any Respondents or any other persons not officially concerned with such process until the engagement process is over. The undue use by any Respondent of confidential information related to the process may result in rejection of its Proposal. During the execution of the project except with the prior written consent of The M.P. State Agro Industries Development Corporation Limited, the Consultant and its personnel shall not at any time communicate to any person or entity any confidential information acquired in the course of the Agreement.

c. Period of Engagement

Firm shall be engaged for 5-year 6 Month, (3 months for setting up of plant and next five year for O & M) however from the date of signing of the agreement. However, the projects in hand at the time of completion of 3 months period would have to be completed by the Firm within time period and at rates as may be mutually agreed. Extension of another 5 year for O & M may be given to the Firm if the performance of the firm is found to be satisfactory, on mutually decided rates.

d. Performance Guarantee

A Performance guarantee in the form of Bank guarantee issued by any nationalized bank / scheduled bank for an amount equivalent to 5% of Contract value is to be submitted by the successful bidder prior to the execution of contract agreement. The bank guarantee shall be valid for a period of 6 (Six) months from the date of execution of agreement plus 3 months claim period thereafter. The Performance bank Guaranty shall be in favor of "Managing Director, The M.P. State Agro Industries Development Corporation Limited.

e. Earnest Money Deposit (EMD)

Each Bidder shall submit an Earnest Money Deposit (EMD) of an amount Rs. 200000/- (Rupees Two Lakh Only) online while submission of tenders in <https://mptenders.gov.in/>.

While the scanned copy of the EMD shall be submitted online along with the Technical Proposal, the original receipt shall be submitted in a sealed envelope to the address mentioned in Section 1 Clause 11 above before the due date and time.

Proposals, which are not accompanied by the above EMD, shall be rejected by The M.P. State Agro Industries Development Corporation Limited as nonresponsive.

For unsuccessful Bidders, the EMD shall be refunded after finalization of Tender. For successful Bidder,

EMD shall be released on the payment of the performance guarantee.

The following shall cause the forfeiture of EMD:

- i. If the Bidder modifies/ withdraws its Bid proposal except as per the provisions specified in the Tenderdocument;
- ii. If the Bidder withdraws its Bid proposal before the expiry of the validity period of the Bid proposal;
- iii. If any information or document furnished by the Bidder turns out to be misleading or untrue in any material respect;

If the selected Bidder does not accept the Letter of Intent unconditionally within fifteen (15) days of issue of Letter of Intent or the period as extended by The M.P. State Agro Industries Development Corporation Limited.

6. Section III: Scope of Work (SOW) and Technical Specifications

- 1 The following work is required to be carried out at MPAGRO. (Bhopal –Indrapuri & Badi Unit). Bidders are requested to quote for the same on the basis of details as depicted in the SOW.

| Item No. | Description |
|----------|---|
| 1. | <p>MPAGRO invites bids for following activities related to 200kWp Grid Interactive Roof Top Solar Photo Voltaic System</p> <ul style="list-style-type: none"> • Design, drawing, engineering, preparation of Detailed Project Report (DPR) in compliance with latest provisions of National Solar Mission (MNRE) including conducting installation site survey etc. • Supply of all necessary equipment & materials as per scope of work. • Erection including structural & civil work, installation testing and commissioning of said 200 kWp grid interactive roof top solar photovoltaic system (GIRTSPVS). • Operation & Maintenance for 5 years for 200 kWp grid interactive roof top solar power plant. |

- The scope of Work includes Installation site survey in details.
- Preparation of Initial and Final detailed project report (DPR).
- Design, Drawing and Engineering of Plant.
- Supply of equipment, and materials including Packing and forwarding, unloading (at both the sites)
- Testing at manufacturer's works, inspection and validation of Drawing, QAP & Materials through Department officer and also during the commissioning of the project.
- Civil and structural works, erection, testing and commissioning, Training of executive/technician for 200 kWp Grid Interactive Roof top MPAGRO (BHOPAL - INDRAPURI & BADI Unit).
- All necessary permissions / Clearance and paper work related to Grid Connection.

2 PLACEMENT OF ORDERS FOR AWARD OF CONTRACT/BREAK UP OF PURCHASE ORDERS

"MP AGRO will place two separate Orders (POs) for implementation of the project in the following manner"

- A. First: Purchase Order for Design, Supply & Erection of 200kWp Grid Interactive Roof Top Solar photo voltaic system at BHOPAL –INDRAPURI & BADI unit of MPAGRO.
- B. Second: Operation & Maintenance of 200 kWp Grid Interactive Roof Top Solar

photovoltaic system at BHOPAL -INDRAPURI & BADI unit of MPAGRO, for a period of 5 years from the Date of commissioning. (INCLUDED from BHOPAL -INDRAPURI-80kWp and BADI-120kWp).

3 SCOPE OF SUPPLY:

The equipment and materials for 200kWp (80kWp for BHOPAL –INDRAPURI & 120 KWp for BADI unit) Grid Interactive Rooftop Solar PV Power Plant with associated system (Typical) shall include but not be limited to the Supply, Erection, Testing & Commissioning of the following:

- Solar PV modules consisting of required number of **Mono Crystalline** PV modules.
- Mounting structures, mounting frames, foundation bolts and nuts for holding structures and module interconnection.
- Grid interactive Power Conditioning Unit/ Inverter with Remote Monitoring System along with Router and Dongle (SIM with internet facility shall be provided by MPAGRO).
- Array Junction boxes, distribution boxes and fuse boxes. MCBs, Surge Arrestors.
- LT Power Interfacing Panel or Inverter Interfacing Panel (IIP) consisting Digital Voltage Meter and Ammeter, Kwh meters. Metering instrument and protection relays.
- LT Power and Control Cables including end terminations and other required accessories for both AC & DC power.
- Tool kit for Maintenance.
- Earthing system for PV Array, PCU power system, Lightning protection system
- Fire extinguishers, danger plates, name boards etc.
- Civil & Structural work-related items.
- IR/UV protected PVCAC& DC Cables, Conduit Pipes,
- One Fire extinguisher along with sand bucket at each site. Earth Mat in front of all the PCU/ Inverter and IP Panel.
- Maintenance Tools (like spanner, Allen key, Screwdriver, Multi meter etc. separately for both site) as per requirement.
- Any other equipment/material required to complete the 200kWp Solar Power Plant on turn key Basis

Note: Separate Materials will be delivered to BHOPAL –INDRAPURI & BADI unit with respective gate pass and challans /permits.

4 CODES AND STANDARDS

- All Equipment and accessories shall comply to requirement of standards published

by Bureau of Indian Standards (BIS). In case no BIS codes exist, the equipment's shall meet the requirement of international standard including IEEE for design and installation of grid connected PV system. The list of standards adopted shall be indicated in the bid.

- The SPV Module must be provided with acceptable Test & Certified documents.

5 SOLAR PHOTO VOLTAIC MODULES:

- I. The PV modules used should be made in India.
- II. The PV modules used must qualify to the latest edition of IECPV module qualification test or equivalent BIS standards Mono Crystalline Silicon Solar Cell Modules. In addition, the modules must conform Part-2- requirements for construction & Part 2 — requirements for testing, for safety qualification or equivalent IS.
 - a. The total solar PV array capacity should not be less than allocated capacity (kWp) and should comprise of solar mono crystalline half cut modules of minimum 450 Wp and above wattage. Module capacity less than minimum 450 watts should not be accepted.
 - b. Protective devices against surges at the PV module shall be provided. Low voltage drop by pass diodes shall be provided.
 - c. PV modules must be tested and approved by IEC authorized test centers.
 - d. The module frame shall be made of corrosion resistant materials, preferably having anodized aluminum.
 - e. The bidder shall carefully design & accommodate requisite numbers of the modules to achieve the rated power in his bid. MPAGRO shall allow only minor changes at the time of execution.
 - f. Other general requirement for the PV modules and subsystems shall be the Following:
 - I. The rated output power of supplied module shall have tolerance+/-3%.
 - II. The peak-power point voltage and the peak-power point current of any supplied module and/or any module string (series connected modules) shall not vary by more than 2 (two) percent from the respective arithmetic means for all modules and/or for all module strings, as the case may be.
 - III. The module shall be provided with a junction box with either provision of external screw terminal connection or sealed type and with arrangement for provision of by-pass diode. The box shall have hinged, weather proof lid with captive screw sand cable gland entry points or may be of sealed type and IP-65 rated.
 - IV. I-V Curve sat STC should be provided by bidder.

- g. Modules deployed must use a RF identification tag. The following information must be mentioned in the RFID used on each module (This can be inside or outside the laminate, but must be able to withstand harsh environmental conditions).
- h. Name of the manufacturer of the PV module
- i. Name of the manufacturer of Solar Cells.
- j. Month & year of the manufacture (separate for solar cell and modules)
- k. Country of origin (separately for solar cell and module)
- l. I-V curve for the module Wattage, I_{sc} , V_{oc} and FF for the module
- m. Unique Serial No and Model No of the module
- n. Date and year of obtaining IEC PV module qualification certificate.
- o. Name of the test lab issuing IEC certificate.
- p. Other relevant information on traceability of solar cells and module as per ISO9001 and ISO14001
- q. Warranties:
- r. Material Warranty:
 - I. Material Warranty is defined as: The manufacturer should warrant the Solar Module(s) to be free from the defects and/or failures specified below for a period not less than 10 (Ten) years from the date of sale to the original customer ("Customer") and Performance Warranty for 25 years.
 - II. Defects and/or failures due to manufacturing
 - III. Defects and/or failures due to quality of materials
 - IV. Non conformity to specifications due to faulty manufacturing and/or inspection processes. If the solar Module(s) fails to conform to this warranty, the manufacturer will repair or replace the solar module(s), at the Owners sole option.
- s. Performance Warranty:
 - I. The predicted electrical degradation of power generated not exceeding 20% of the minimum rated power over the 25-year period and not more than 10% after ten years period of the full rated original output.

6 MOUNTING STRUCTURE

- Hot dip galvanized MS mounting structures or Galvanized iron or Galvanized Aluminum may be used for mounting the modules/panels/arrays. Each structure should have angle of inclination as per the site conditions to take maximum insolation. However, to accommodate more capacity the angle inclination may be reduced until the plant meets the specified performance ratio requirements.

- The Mounting structure shall be so designed to withstand the speed for the wind zone of the location where a PV system is proposed to be installed (Minimum wind speed of 150km/hour). Suitable fastening arrangement such as grouting and calming should be provided to secure the installation against the specific wind speed.
- Structural material shall be corrosion resistant and electrolytically compatible with the materials used in the module frame, its fasteners, nuts and bolts. Aluminum structures also can be used which can withstand the wind speed of respective wind zone. Necessary protection towards rusting need to be provided either by coating or anodization.
- The fasteners used should be made up of stainless steel or brass coated or galvanized. The structures shall be designed to allow easy replacement of any module. The array structure shall be so designed that it will occupy minimum space without sacrificing the output from the SPV panels
- Regarding civil & supporting structures the Contractor shall take care of the load bearing capacity of the roof and need arrange suitable structural base based on the type/quality of roof without any sort of damage to the existing roof structure.
- All precautions shall be adopted by the contractor to ensure that the civil/supporting structure shall not cause any sort of water leakage in the roof during life of solar panels.
- The total load of the structure (when installed with PV modules) on the terrace should be less than 60kg/m^2
- The minimum clearance of the structure from the roof level should be 500mm.

7 CIVILWORKS

The following civil works shall be carried out by the firm.

- Site grading, leveling, drilling exploratory bore holes and consolidation of the area pertaining to the installation of SPV modules.

The concrete bases for supporting structure shall be of minimum M-20 grade of concrete with rebar as require and adequate size & thickness to ensure that imposed load is less than 60 kg/sqm and also capable of withstanding maximum wind load of 150 km/hr. The contractor shall submit drawing showing details of civil & supporting steel structure for approval by MPAGRO.

- The contractor shall takeout most care during construction so that the civil & supporting structure shall not cause any sort of water leakage in the roof during life of solar panels.
- Embedment of structures suitable for mounting PV modules.
- Laying of earthing equipment's/structures and connecting to the main ground mat as per the statutory requirements.
- Cutting of cable trenches etc. Wherever necessary.

8 JUNCTIONBOXES (JBs)

- The junction boxes are to be provided in the PV array for termination of connecting cables. The J. Boxes (JBs) shall be made of GRP/FRP/Powder Coated Aluminium /cast aluminium alloy with full dust, water & vermin proof arrangement. AIR wires/cables must be terminated through cable lugs. The JB's shall be such that input & output termination can be made through suitable cable glands.
 - Copper bus bars/terminal blocks housed in the junction box with suitable termination threads conforming to IP65 standard and IEC 62208 Hinged door with EPDM rubber gasket to prevent water entry. Single / double compression cable glands. Provision of earthings. It should be placed at 5 feet height or above for ease of accessibility.
- c. Each Junction Box shall have High quality Suitable capacity Metal Oxide Varistors (MOVs) / SPDs, suitable Reverse Blocking Diodes. The Junction Boxes shall have suitable arrangement monitoring and disconnection for each of the groups.
- D. Suitable markings shall be provided on the bus bar for easy identification and the cable ferrules must be fitted at the cable termination points for identification.

9 PCU / Inverter

As SPV array produce direct current electricity, it is necessary to convert this direct current into alternating current and adjust the voltage levels to match the grid voltage. Conversion shall be achieved using an electronic inverter and the associated control and protection devices, all these components of the system are termed the "Power Conditioning Unit (PCU)". In addition, the PCU shall also house MPPT (Maximum Power Point Tracker), an interface between Solar PV array & the inverter, to the power conditioning unit / inverter should also be DG set interactive. If necessary. Inverter output should be compatible with the grid frequency. Typical technical features of the inverter shall be as follows:

1. Switching devices: IGBT/MOSFET
2. Control: Microprocessor / DSP
3. Nominal AC output voltage and frequency: 415V, 3 Phase, 50 Hz (In case single phase inverters are offered, suitable arrangement for balancing the phases must be made.)
4. Output frequency: 50 Hz
5. Inverter efficiency (minimum): >93% (In case of 10kW or above) Inverter efficiency
6. Frequency Tolerance range +3 or more
7. Protection of Enclosure: IP-20 (Minimum) for indoor.
8. No-load losses: Less than 1% of rated power
9. Grid Frequency Synchronization range: +3 Hz or more Ambient
10. temperature considered: -20°C to 50°C Humidity: 95 % Non-condensing

A. PCU/inverter shall be capable of complete automatic operation including wake-up, synchronization & shutdown.

B. The output of power factor of PCU inverter is suitable for all voltage ranges or sink of reactive power, inverter should have internal protection arrangement against any sustainable fault in feeder line and against the lightning on feeder.

- C. Built-in meter and data logger to monitor plant performance through external computer shall be provided.
- D. The power conditioning units/inverters should comply with applicable IEC/ equivalent BIS standard for efficiency measurements and environmental tests as per standard codes IEC 61683/15 61683 and IEC 60068-2(1,2,14,30) /Equivalent BIS Std.
- E. The charge controller (if any) / MPPT unit, environmental testing should qualify IEC 60068-2(1, 2, 14, 30)/Equivalent BISstd. The junction boxes/ enclosures should be IP 65(for outdoor)/IP 54 (indoor) and as per IEC 529 specifications.
- F. The PCU/ inverters should be tested from the MNRE approved testcenters / NABL/BIS /IEC accredited testingcalibration laboratories. Incase of imported power conditioning units, these should be approved by international test houses.

10 CABLING &WIRING:

- A. All instruments and Panel wiring shall be of heat resisting and self-extinguishing type in compliance with IS. Plastic or porcelain cleats of the limited compression type shall be used for holding wiring runs. All wires shall be suitable for bending to meet the terminal studs at right angles. Metal cases of all apparatus mounted on panels shall be separately earthed by means of copper wire or strips.
- B. The following colour scheme of the wiring shall be used as per IS:375.
 - i. AC three phase circuits:
 - ii. No.1 Phase: Red.
 - iii. No.2 Phase: Yellow.
 - iv. No.3 Phase: Blue
 - v. Neutral Conductor: Black
 - vi. Connection to Earth: Green
 - vii. D.C. circuits: Grey
- C. LT 1.1kV Grade, Al. Conductor PVC ArmoredCables in AC side shall be used for all LT Power Cables between Power & Respective feeders etc. These cables shall be laid on structural supports and using Galvanized Cable trays of adequate strength or through pacca cable trench as required. The cable shall be terminated using Al. Lugs of adequate cross-section area.
- D. D. 1.1kV Grade, Copper-Conductor, PVC Armored Cables shall be used for all control cables required for the Solar Power Plant. These cables shall be laid on structural supports and using Galvanized Cable trays of adequate strength. The cable shall be terminated using Cu. Lugs of adequate crosssection area.

- E. Cu. Conductor, PVC armored with miller insulation between each pair and tinned copper screening. All cables shall be PVC insulated with appropriate grade conforming to IS.
 - a) Only copper conductor cables of reputed make shall be used in DC side of plants between interconnection of MODULES, JUNCTION BOX, PCU, LT Interfacing panel/DC panel and other associated equipment's
 - b) The wiring for module inverters connection shall be with hard PVC conduit of renowned make. All Tees, bends etc., shall also be renowned make.

- F. Cables of appropriate size to be used in the system shall have the following characteristics:
 - a) Will meet IS 694/1554 standards
 - b) Temp. Range —10 degree centigrade to +80 degree centigrade.
 - c) Voltage rating 660/1100V
 - d) Excellent resistance to Heat, Fire, oil, cold, water, abrasion, UV radiation.

Flexible Cabling on DC side of the system shall be as short as possible to minimize the voltage drop in the wiring. Components and hardware shall be vandal and theft resistant. All parts shall be corrosion resistant. The system description, general/technical requirements etc. are given for general guidance only.

11 SPECIAL CONDITION OF CONTRACT FOR OPERATION & MAINTENANCE OF SOLAR POWER PLANT

1. The Agency shall be responsible for Operation & Maintenance of the 200 kWp Solar Power Plant for a period of five (5) years from the date of commissioning of solar project.
2. The Bidder must ensure that the plant must be insured till the duration of O&M period against all natural calamities, fire or theft etc.
3. The bidder shall be responsible for performance during operation & maintenance contract to meet net minimum guaranteed generation as offered by the bidder. For any shortfall in the minimum guaranteed generation the LD/compensation shall be recovered from the contractor as per NMGG clause.
4. The bidder shall be responsible for supply of all spare parts as required from time to time, to carry out schedule and preventive protection, major overhauling of the plant, replacement of defective modules, inverters, PCU's etc and will maintain log sheets for operation detail, provisioning of infrastructure for continuous operations and qualified engineer for supervision of Operation work.
5. As the entire system is guaranteed for a period of 5 years from the date of commissioning of the system, any sort of upkeep including replacement of all spare parts as required during said tenure for successful operation of the plant shall be carried out by agency at no extra cost to MP Agro.
6. After expiry of guarantee period Comprehensive Annual Maintenance Contract will be entered with successful bidder subject to satisfactory performance of the agency during the guarantee period at mutually agreed rate, terms & conditions.

7. The successful agency shall provision adequately qualified and experienced personnel for operating and maintaining the solar power plant. The agency shall ensure that such personnel should take all the care for operation and maintenance of the plant from date of commissioning.
8. The contractor shall arrange insurance to cover all risks in respect of their personnel, materials and equipment belonging to the contractor or its subcontractor during the tenure of the contract.
9. The Contractor shall comply with the provision of all relevant acts of Central or State Governments including payment of Wages Act 1936, Minimum Wages Act 1948, Employer's Liability Act 1938, Workmen's Compensation Act 1923, Industrial Dispute Act 1947, Maturity Benefit Act 1961, Mines Act 1952, Employees State Insurance Act 1948, Contract Labor (Regulations & Abolishment) Act 1970, Electricity Act 2003, Grid Code, Metering Code, MNRE guide lines or any modification thereof or any other law relating whereto and rules made there under from time to time.
10. Separate Bank Guarantee shall be submitted by the bidder for the amount equivalent to the contract value for the entire period of Operation and Maintenance contract.

12 OPERATION CHARGES / RATE:

The rate shall be firm, fixed and binding & no escalation will be paid. The payment will be made after all statutory deductions as applicable to such type of contracts. The rate quoted shall be deemed to be inclusive of all salaries & other cost, expenses of employees, cost of consumables & taxes, duties & levies thereof, tools & tackles, insurance etc. and liabilities of every description and all risk of every kind to be taken in operation, maintenance and handing over the plant to the owner by the agency. Owner shall not be responsible for any such liability on the Operator in respect of this contract and exclusion of any applicable taxes at prescribed rates due to ignorance or otherwise shall not form a reason for claiming anything extra at a later date

13 HANDING OVER THE PLANT AFTER EXPIRY OF TERM

After the expiry of term & extension of term as the case may be, agency shall hand over the plant to the owner in excellent condition. The operator shall demonstrate performance test of all the major & critical equipment to ensure Generation from the Solar Photovoltaic Power Plant. While handing over the plant agency shall hand over all technical documents, literature, instruction manuals, lists of spare part & tools & tackles. Operator will also hand over all the relevant record/documents.

On completion of Operation term, the agency will apply to the Engineer in-charge for the issue of Handing Over Certificate and the same will be issued within 1 months of the Handing Over in all respects, after verifying from the documents & tests and satisfying that the operation has been completed in accordance with details set out in the control documents & Prudent Utility Practices. All the aforesaid safeguards / rights provided for GRSE Ltd shall not prejudice its other rights / remedies elsewhere provided herein and / or under law.

14 DEFECTS/ NON-ACHIEVEMENT PLANT DEPEND AB CAPACITY AFTER HANDING OVER

In order that the agency could obtain a Handing Over certificate, they shall rectify any defect / non achievement of plant dependable capacity in accordance to the norms of manufacturer arising from the defective Operation & maintenance practices or non-compliance of Prudent Utility Practices or that may have been noticed or developed during/ after the plant has been taken over, the period allowed for carrying out such works will be normally one month, If any defect could not be remedied or plant dependable achievement capacity in accordance to the norms of manufacturer could not be achieved within a reasonable time the Owner may proceed to do the work at agencies risk and expense and deduct from the final bill such amount as may be decided by the Owner.

All the aforesaid safeguards might be provided for the Owner shall not prejudice its other rights/remedies elsewhere provided herein and/or under law.

15 Technical Specification

MP AGRO intends to setting up Grid Connected Roof Top and Ground Mounted Solar PV Systems with min. capacity of 200kW at 2 locations includes Bhopal and Badi towns of Madhya Pradesh.

| Details | Connection1–Bhopal | Connection2–Badi |
|----------------------------|---------------------------|-------------------------|
| Capacity of Plant | 80kW | 120kW |
| Available Land Area | ___ in Ha | ___ in Ha |
| Type of system | Roof Top Mounted | Roof Top Mounted |
| Land use Type | Industrial | Industrial |
| | | |

TECHNICAL SPECIFICATIONS:

| I. LOCATION – BHOPAL PLANT CAPACITY-80KW | |
|---|--|
| EQUIPMENT/ITEMNAME | SPECIFICATION |
| SUBSTRUCTURE | RCC Structure of approved design mix M20 Grade concrete |
| SUPERSTRUCTURE | 100%HotdipG. I or Pre – G.I. or Galvanized Aluminum *No welding will be allowed *Usage of MS Iron shall be prohibited. |
| | GI Strut Channel of min. thickness 1.7mm Nut-bolts and another consumable should be complete GI. |
| PANEL | Mono-Half cut technology of 450 Wp or Above Tier-1 manufacturer i.e., Bloomberg listed & M.N.R.E. Approved. (ALMM Listed) |
| Make | M.N.R.E. Approved. |
| Product Warranty | 10-12Years |
| Production/Efficiency Warranty | 25-27Years |
| Weight per panel | 26Kgs-28kgs |
| No .Of panels | 360-375 Panels APPROX. (if wp>530) |
| Dimensions(1*Panel) | [2272mm(L)x1133mm(W)x35mm(T)] APPROX. |
| Solar Cell Type & Size | Mono PERC, 91 x182mm |
| Solar Cells per Module (Units)/Arrangement | 144 cells/(12x6 12x6) |
| Panel Frame | Anodized Aluminum Alloy |
| Panel Front Glass | 3.0-3.5mm Low Iron and Tempered glass with ARC coating |
| CABLES | |
| 4 sq.mm | Flexible Tinned Copper Single Core Multistrand, Cross Linked, Heat Resistant upto 100-120DegreeCelsius, UV Resistant |
| | DC/AC– approved make i.e., Polycab or other equivalent |
| For 50kVA | 70sq.mm. aluminium cable of approved make |
| | Insulated |

| | |
|--|--|
| | |
|--|--|

| | |
|----------------------------|--|
| INVERTER | <ul style="list-style-type: none"> • IP66 and C5 Protection • Type II SPD for both AC&DC. • Should be built on Fuse Free design. • Should follow safety measures of Indian Standards |
| Make | MNRE Approved |
| Min. Product Warranty | 5Years |
| Capacity | 50KVA+20KVA |
| Overloading allowed up to | 30% |
| Quantity | 50KW*1 15KW*1 |
| EARTHING | Copper or equivalent |
| | Range25m-35mradius |
| AC Distribution Box | Polycab or Equivalent approved make for MCB's |
| DC Distribution Box | Polycab or Equivalent approved make for MCB's |

| 2.LOCATION-BADI 120KW | |
|------------------------------|---|
| EQUIPEMENT/ITEMNAME | SPECIFICATION |
| SUBSTRUCTURE | If required as per site condition-RCC structure of approved design mix |
| SUPERSTRUCTURE | 100%HotdipG. I *No welding will be allowed *Usage of MS Iron shall be prohibited |
| | GIStrutChannelofmin.thickness1.7mm Nut-bolts and another consumable should be complete GI |
| PANEL | Mono-Half cut technology of 535 Wp or 540 WpTier-1 manufacturer i.e.,Bloomberg listed & M.N.R.E. Approved. (ALMM Listed) |
| Make | M.N.R.E. Approved. |
| Product Warranty | 10-12Years |

| | |
|--|---|
| Production/ Efficiency Warranty | 25-27Years |
| Weight per panel | 26Kgs-28kgs |
| No. Of panels | 200-235 |
| Dimensions(1*Panel) | [2272mm(L)x1133mm(W)x35mm(T)] APPROX. |
| Solar Cell Type& Size | Mono PERC,91 x182mm |
| Solar Cells per Module (Units)/Arrangement | 144 cells/(12x6 12x6) |
| Panel Frame | Anodized Aluminium Alloy |
| Panel Front Glass | 3.0-3.5mmLowIron and Tempered glass with ARC coating |
| CABLES | |
| 4 sq.mm | Flexible Tinned Copper Single Core Multistrand, Cross Linked, Heat Resistant up to 100-120 Degree Celsius, UV Resistant |
| | DC/AC– approved make i.e.,Polycab or other equivalent |
| For 50kVA | 70sq.mm.aluminiumcableofapprovedmake |
| | Insulated |

| | |
|----------------------------|---|
| INVERTER | IP66 and C5 Protection <ul style="list-style-type: none"> • Type II SPD for both AC&DC. • Should be built on Fuse Free design. • Should follow safety measures of Indian Standards |
| Make | MNRE Approved |
| Min. Product Warranty | 5Years |
| Capacity | 110KVA |
| Overloading allowed upto | 30% |
| Quantity | 1 |
| EARTHING | Copper or equivalent |
| | Range25m-35mradius |
| AC Distribution Box | Polycab or Equivalent approved make for MCB's |
| DC Distribution Box | Polycab or Equivalent approved make for MCB's |

13. Scope of work for bidder:

The scope of work shall also include the following.:

- a. Design, Engineering, Supply, Construction, Erection, Testing, Commissioning of GridConnected Roof Top Solar PV Systems with capacity of 200 kW which includes 2 units shall be at Bhopal (80 kW) and Badi (120 kW) and Operate & Maintain for 5 years.
- b. All permits necessary to construct and operate the system have been obtained by bidder only.
- c. Collection of all relevant site data which could be required for proper designing and successful layout, installation & commissioning of the system.
- d. Realistic and pragmatic engineering designing of all the necessary device/components and subsystem including technical civil works that are required for system.
- e. Supply and transportation of all required material, components, device, sub-systems and equipment to the site and arrangement of safe keeping and storing them at site.
- f. All arrangement at site, required tools, labor work, engagement of labor, etc., all other required work for successful implementation of project on turnkey basis. (Excluding technical civil work if any)
- g. Supply installation of all essential sign boards, markers etc., and all essential required documents and manuals clearly explaining the operation and maintenance and troubleshooting of various portions of the system.
- h. Imparting necessary training during installation commissioning and after commissioning of the plant to the technicians/users as well as classroom training in fault diagnosis and equipment repair.
- i. The entire system must confirm to all the relevant national standards of safety.
- j. Obtaining Carbon footprints certificate from concern authority and submission of certificate to the MP AGRO for process to release Performance Security.

16 Scope of work for MP AGRO:

- a) Ensure land availability at all 2 units locations and handover the land to selected bidder for work commencement.
- b) Ensure supply of water and electricity for work commencement.
- c) Land development rights transfer to selected bidder on with respect to lease agreement between MP AGRO and selected bidder for setting up Solar plant on the said land in schedule 3.

17 Time Line to Complete the Project: The bidder thus selected and execute the agreement.

| SN | Key Deliverables | Target date for completion From The Day of Award of Contract |
|----|--|--|
| | Submission of Inception Report | D+3 weeks |
| | Report on Policy and Regulatory Roadmap | D+4 Weeks |
| | Submission of Detail Design and Lay Out Blue Print | D+6 Weeks |
| | Approval of Design and Lay Out Blue Print | D+8 Weeks |
| | Starting of Project | D+9 Weeks |
| | Completion of Project in All respect | D+17 Weeks |
| | Testing and Grid Connection Handing over of the project to the Corporation | D+20 Weeks |

7. Section IV: Terms of Payment

Payment - The **Payment Milestone** will be scheduled as follows: -

1. 15% payment of contract value shall be released on submission and approval of design and drawings to the client (MPAGRO).
2. 30% payment of contract value shall be released on material delivery on proposed site subject to approval letter from competent authority of MPAGRO.
3. 30% payment of contract value shall be released on completion of installation within approved design and drawings respect to approved specifications subject to approval letter from competent authority of MPAGRO.
4. 10% payment of contract value shall be released on commissioning of plant subject to approval letter from competent authority of MPAGRO.
5. Remaining 15% payment (Performance Guarantee) of contract value shall be released on the handover of plan after completion of O&M period and submission of Carbon Foot print Certificate to the competent authority of MPAGRO.
6. The Managing Director of the Corporation subject to clause number 17 of Section III mentioned above may extend time limit maximum up to 4 weeks and imposing penalty up to Rs. 1,00,000/- per week of such delay. The Managing Director of the corporation reserves the right to impose penalties at hi discretion for breach of the terms and conditions (commensurate with the losses incurred) which may be revoking Bank Guarantee and/or debarring the supplier for maximum period of 3 years to supply all material, whatsoever may be, to/through this corporation.
7. In the O&M period of 5 years, due to negligence of the bidder the corporation suffers any loss, or not getting optimum electricity generation, The Managing Director of the corporation reserves the right to impose penalties at his discretion for breach of terms and conditions (commensurate with the losses incurred) which may be revoking Bank Guarantee and/or debarring the supplier for maximum period of 3 years to supply all material, whatsoever may be, to/through this corporation.

8. Section V: Technical Proposal (TP) – Formats

The following are the response formats to be used by Bidders for Proposals related to engagement of Bidders:

I. Form I: Proposal Form - Covering Letter for engagement of Bidders.

The Respondents are required to submit the covering letter in the Annexure 1 . This Form should be in the letterhead of the Respondents, who are submitting the proposal.

II. Form II: Technical Proposal formats

The Respondents are required to submit their Technical Proposals in the formats given at forms. (A n n e x u r e 1 to A n n e x u r e 11)

III. Form III: Financial Proposal formats

The Respondents are required to submit their Financial Proposal (BOQ in excel sheet).

FORM 1

LETTER OF PROPOSAL

(To be printed on the letterhead of the Bidder/Lead Member) Dated:

MP AGRO Industrial Development Corporation Limited Bhopal, Madhya Pradesh

Sub: **Response to RFP No: [REDACTED]** for setting up 2 connections with the capacity of 200 kW grid connected Net Metering based solar PV systems for utilization of power by MP AGRO in its electrical connections.

Dear Sir,

With reference to your RFP dated [REDACTED], we, having read and examined in detail the Bid Documents and understood their contents, hereby submit our Qualification Proposal. The Qualification Proposal is unconditional and unqualified and valid for 90 (Ninety days) from the Bid Due Date.

1. We give our unconditional acceptance to the Bid Documents issued by MP AGRO. In token of our acceptance to the Bid Documents, the same have been initiated by us and enclosed with our Qualification Proposal. We confirm and undertake that we shall sign and execute the Contract Agreement as per the provisions of the RFP, without seeking any deviations or amendments, and the provisions of the Contract Agreement shall be binding on us.
2. We acknowledge that MP AGRO will be relying on the information provided in the Bid and the documents accompanying the Qualification Proposal for selection of the Bidders for awarding the Unit(s), and we certify that all information provided in the Qualification Proposal and in the Annexes is true and correct; nothing has been omitted which renders such information misleading; and all documents accompanying the Qualification Proposal are true copies of their respective originals. In the event that any of the information provided in the Qualification Proposal is found to be incorrect after our selection as the Selected Bidder, we agree that the same would be treated as an event of default under the Contract Agreement, and the MP AGRO shall have the right to terminate the Contract Agreement.
3. We hereby unconditionally and irrevocably agree and accept that the decision made by MP AGRO in respect of any matter regarding or arising out of this RFP shall be binding on us. We here by expressly waive any and all claims in respect of this process.
4. The statements in this letter are made for the express purpose of qualifying for participation and selection as the Selected Bidder for the development, operation and maintenance of the projects notified as Project A and Project B in the bid document and we are enclosing herewith our response to the RFP with formats duly digitally signed as desired by you in accordance with the RFP, for your consideration.

Roof Top Solar PV Systems: MP AGRO

5. We confirm that we have studied the provisions of the relevant Indian laws and regulations as required to enable us to submit our Bid and execute the Contract Agreement for the development, operation and maintenance of the projects in the event of our selection as the Selected Bidder.
6. We hereby understand and confirm that MP AGRO reserves the right, at any time, to verify the documents furnished by us, including the documents satisfying the qualification criteria to the extent claimed in the Qualification Proposal with the original documents. Further, we shall make available to MP AGRO any additional information it may find necessary or require supplementing or authenticate the Bid.
7. We acknowledge the right of MP AGRO to reject our Bid without assigning any reason or otherwise and we hereby waive, to the fullest extent permitted by applicable law, our right to challenge the same on any account whatsoever.
8. We represent, warrant and undertake that:
 1. (a) we have examined and have no reservations to the Bid Documents and do not seek any deviations to the Bid Documents issued by MP AGRO;
 2. (b) we have not directly or indirectly or through an agent engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice, as defined in the RFP, in respect of any tender or request for proposal issued by or any agreement entered into with MP AGRO or any other public sector enterprise or any government, Central or State;

3. (c) we have taken steps to ensure that in conformity with the provisions of the RFP, no Person acting for us or on our behalf has engaged or will engage in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice;
 4. (d) the Bid Documents and all other information provided by MP AGRO are and shall remain the property of MP AGRO and are provided to us solely for the purpose of preparation and the submission of our Bid in accordance with the RFP. We undertake that we shall treat all information received from or on behalf of MP AGRO as strictly confidential and we shall not use such information for any purpose other than for preparation and submission of our Bid;
 5. (e) we, [including the Members of the Consortium] or our Associates have not been barred by any government or government instrumentality in India or in any other jurisdiction in which we or our Associates belong or in which we conduct our business, from participating in any project or being awarded any contract as of the date of submission of our Qualification Proposal; and
 6. (f) we certify that we, [including the Members of the Consortium], or our/their Associates have not been convicted by a court of law or indicted or adverse orders passed by a regulatory authority which could cast a doubt on our ability to participate in the Bid Process and, if selected as the Selected Bidder, which could cast a doubt on our ability to develop, operate and maintain the Unit(s), in accordance with the Project Agreement.
9. We understand that you may cancel the Bid Process at any time and that you are neither bound to accept any Bid that you may receive nor to invite the Bidders to Bid for the Project, without incurring any liability to the Bidders, in accordance with the RFP.
 10. We declare that we or our Associates are not submitting another Bid.
 11. We undertake that in case due to any change in facts or circumstances during the Bid Process, we attract the provisions of disqualification in terms of the provisions of this RFP, we shall intimate MP AGRO of the same immediately.
 12. We are submitting with this Qualification Proposal and all the documents that are required to be submitted in accordance with the RFP.
 13. We hereby irrevocably waive any right or remedy which we may have at any stage at law or howsoever arising to challenge the criteria for evaluation or question any decision taken by MP AGRO in connection with evaluation of Qualification Proposals, declaration of the Selected Bidder(s), or in connection with the Bid Process itself, in respect of the Project and the terms and implementation thereof, to the fullest extent permitted by applicable law and waive any and all rights and/or claims we may have in this respect, whether actual or contingent, whether present or in future.
 14. In the event of us being declared as the Selected Bidder, we agree to enter into Contract Agreements. We agree not to seek any changes in or deviations from the aforesaid draft and agree to abide by the same.
 15. We understand that except to the extent as expressly set forth in the Contract Agreements, we shall have no claim, right or title arising out of any documents or information provided to us by MP AGRO or in respect of any matter arising out of or concerning or relating to the Bid Process.
 16. We agree and understand that the Bid is subject to the provisions of the Bid Documents. In no case, shall we have any claim or right against MP AGRO if the Project is not awarded to us or our Bid is not opened or considered, as the case may be.
 17. We further confirm that the technology proposed to be used by us for the Project is commercially established and operational technology.
 18. This Bid Process and the Bid shall be governed by and construed in all respects according to the laws for the time being in force in India. The competent courts at Bhopal will have exclusive jurisdiction over all disputes arising under, pursuant to and/or in connection with the Bid Process.

In witness thereof, I/we submit this Qualification Proposal under and in accordance with the terms of the Bid Documents.

Yours faithfully,

Dated this [insert date] day of [insert month] 2022

Name and seal of the Bidder

(Signature, name and designation of the authorised signatory of the Bidder/Lead Member)

Power of Attorney: Form No. T-1

POWER OF ATTORNEY

(To be on non-judicial stamp paper of appropriate value as per Stamp Act relevant to place of execution.)

Know all men by these presents, We.....(name and address of the registered office) do hereby constitute, appoint and authorise Mr / Ms.....(name and residential address) who is presently employed with us and holding the position of

as our attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our bid for the setting up 2 connections with the capacity of 200 kW (Bhopal plant 80 kW and Badi plant 120 kW) grid connected Net Metering based solar PV systems for captive utilization of power by MP AGRO including signing and submission of all documents and providing information / responses to MP AGRO, representing us in all matters before MP AGRO, and generally dealing with MP AGRO in all matters in connection with our bid for the said Project.

We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and shall always be deemed to have been done by us.

For

Accepted

.....(signature) (Name, Title and Address)of the Attorney Note:

1. To be executed by all the members in case of a Consortium.
2. 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 executants(s)and when it is so required the same should be under common seal affixed in accordance with the required procedure

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

Work Experience: Form No. T- 2

NIB No: _____ --

ASSIGNMENTS OF SIMILAR NATURE DURING LAST 8 YEARS

| S.N | Name of the assignment and brief scope | Name of the Project | Client of Project assignment | Assignment Awarded By | Cost of the Assignment | Date of Commencement | Date of completion | Assignment satisfactorily completed |
|-----|--|---------------------|------------------------------|-----------------------|------------------------|----------------------|--------------------|-------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

- Firm have to submit work order of the above-mentioned work & corresponding performance certificate issued by competent authority.

Signature Full Name &

address

Seal

Note: Please attach completion certificate as a documentary proof.

Details of Team: Form No. T-3

NIB No: _____

(Composition of the team personnel and the task which would be assigned to each teamMember for the proposed assignment)

| S.No | Name | Position | Qualification | Area of Expertise | Task Assignment |
|------|------|----------|---------------|-------------------|-----------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| | | | | | |

Signature

Full Name & address with Seal

CV Format: FORM NO. T- 4

NIB No: _____

(SUGGESTED FORMAT OF CURRICULUM VITAE FOR MEMBERS OF TRANSACTION TEAM)

| | |
|----------------------------|--|
| Name of Firm | |
| Name of Staff | |
| Current Position | |
| Years with Firm | |
| Nationality | |
| Relevant Experience | |
| Employment Record | |

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications and my experience.

Date: Full name of Staff Member: Full name of Authorized Representative:

Signature Full Name & address

Seal

Qualification and experience of the key personnel:Form No T- 4 (a)

NIB No: _____

| S.No | Name of the Key Personnel | Position | Qualification | Experience |
|------|---------------------------|----------|---------------|------------|
| | | | | |
| | | | | |

Signature Full Name & address

Seal

Financial Proposal (BOQ in excel)Form No. F – 1

(BOQ in excel)

(To be submitted Online)

Consultants for the assignment of Bid Process Management given in the Terms of Reference.

| S. | Name of the Project | Lump Sum Amount (in Rs.) | | |
|----|---|--------------------------|-----|-------|
| | | Basic | GST | Total |
| 1 | Supply, Construction, Erection, Testing, Commissioning of Grid Connected 200KW Roof Top Solar PV Systems and Operation and Management (O&M) for 5 Years | | | |

Note:

- 1) The price should include overhead / out of pocket expenses, travel, boarding, lodging, visits to site, all Taxes /Duties.
- 2) The prices shall remain FIRM till completion of the Assignment
- 3) Lowest rate (QCBC based) quoted by the bidder will be considered for awarding the work.

SignatureFull Name & Address

Seal

Format For Financial Requirement
[On the letterhead of Bidding Company]

FINANCIAL CAPABILITY (TURN OVER)

| |
|----------------|
| Name of Bidder |
|----------------|

| Sr. No. | Year | Turnover (Rs. In Crores) form Supply and installation of Roof Top Grid connected solar Power system or Power sector | Ref. to Page No. of Bidder's Documents |
|---------|-------------------|--|--|
| 1 | 2 | 3 | 6 |
| 1. | Year 2019 to 2020 | | |
| 2. | Year 2020 to 2021 | | |
| 3. | Year 2021 to 2022 | | |
| | Total | - | - |
| | Cumulative | - | - |

Note:

-
1. The information provided shall be certified by Chartered Accountant and supported by Audited Balance Sheets.
 2. *Each Bidder or partner of a joint venture must fill in the form.*
-

Particulars of the Applicant

| | | |
|-----|---|---------|
| 1.1 | Title of Company: | |
| 1.2 | <p>State the following:</p> <p>Name of Firm:</p> <p>Legal status (e.g. sole proprietorship or partnership):Country/ State of incorporation:</p> <p>Registered address:</p> <p>Year of Incorporation:</p> <p>Year of commencement of business:</p> <p>Principal place of business:</p> <p>Name, designation, address, and phone numbers of authorized signatory of the Applicant:</p> <p>Name:</p> <p>Designation:</p> <p>Company:</p> <p>Address:</p> <p>Phone No.:</p> <p>Fax No. :</p> <p>E-mail address:</p> | |
| 1.3 | Have the bidder/Company ever been Debarred By any Govt. Dept. /Undertaking for undertaking any work | |
| 1.4 | Whether the Bidder wishes to form a Project Company for execution of work | Yes/ NO |

Format for Financial Requirement - Net worth Certificate

[On the letterhead of Bidding Company]

To,

The Managing Director,
 The M.P. State Agro Industries Development Corporation
 Limited Panchanan 3rd Floor, Malviya Nagar, Bhopal, Madhya
 Pradesh 462003

Dear Sir,

Sub: Net Worth for Engagement of Bidder.

This is to certify that Net worth of _____ {insert the name
 of Bidding Company}, as on 31st March 2022 is Rs _____. The details are appended
 below.

| Particulars | Amount (In Rs.) |
|--|------------------------|
| Equity Share Capital | |
| Add: Reserves | |
| Subtract: Revaluation Reserve | |
| Subtract: Intangible Assets | |
| Subtract: Miscellaneous Expenditure to the extent not written off and carried forward losses | |
| Net Worth as on 31st March 2022 | |

UID No.:

Authorised Signatory
(Power of Attorney holder)

Statutory Auditor
(CA Stamp & Signature)

Contact Person for the Bid

[On the letterhead of Bidding Company]

| | | |
|---|-------------------------------------|--|
| 1 | Contact Person name for the Bid | |
| 2 | Designation | |
| 3 | Contact No. (phone & mobile) | |
| 4 | Fax No. | |
| 5 | e-mail ID | |
| 6 | Corresponding address with pin code | |
| 7 | Remarks | |

(Signature of Authorized Signatory)Name:

Designation:

Company Seal:

Annexure 11: Information About The Bidding Firm

(To be submitted in the official letter head of the company)

| SL. No. | Particulars | |
|---------|---|--|
| 1. | Name of the Bidder | |
| 2. | Address of Bidder with Telephone, Fax, email | |
| 3. | Address of the Registered Office | |
| 4. | Registered Office in Madhya Pradesh | |
| 5. | Name & Designation of Authorized Signatory for Correspondence (Power of Attorney) | |
| 6. | Nature of Firm (Proprietorship/Partnership /Pvt. Ltd./Public Ltd. Co./Public Sector) | |
| 7. | Permanent Account Number (PAN)/TIN (Attach proof) | |
| 8. | GST Number (Attach proof) | |
| 9. | Firm's Registration Number (Attach proof) | |
| 10. | Particulars of Bid fee | |
| 11. | Particulars of Earnest Money | |
| 12. | Other details and remarks, if any | |

Yours faithfully,

(Signature of Authorized Signatory)

Name:

Designation :

Company seal :

(Separate sheet may be used for giving detailed information duly signed)