

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS – 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

E-TENDER FOR

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR MINI HIGH MASTS – 40 NOS. AT VARIOUS LOCATIONS IN 26 VILLAGES IN PARNER TALUKA IN THE DIST.- AHMEDNAGAR IN THE STATE OF MAHARASHTRA.

Tender Reference No. DGM/MEDA-NSK/SMH-A'NGR/2020-21/003



MAHARASHTRA ENERGY DEVELOPMENT AGENCY

(A Government of Maharashtra Institution)

Address: Nashik District Krishi Audyogik Sahakari Sangh Ltd., Near NDCC Bank, Dwarka Circle,
Mumbai Agra Highway, Nashik. 422011

Contact No. 0253-2598685

Email ID: domedanasik@mahaurja.com

Website (for Tender): [https:// mahatenders.gov.in](https://mahatenders.gov.in)

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

Table of Contents

Sr. No.	CONTENTS	Page No.
PART - A - TECHNICAL BID		
SECTION-I BID INVITATION		4
1	Bid Invitation	4
2	Bidding information	5
SECTION-II INFORMATION AND INSTRUCTION TO BIDDERS		
1	Scope of Contract	6
2	Eligibility	7
3	Standards and Certificates	8
4	Instructions	8
5	Cost of Bidding	9
6	Language of Bid	10
7	Documents Comprising the Bid	10
8	E.M.D.(Earnest Money Deposit), Security Deposit and Forfeiting of E.M.D.	11
9	Price Variation	13
10	Jurisdiction	13
11	Period of Validity of Bids	13
12	Mode of submission of Bids	13
13	Deadline for Submission of Bids	14
14	Clarification of Bids	14
15	Preliminary Examination	14
16	Acceptance or Rejection of Bids	15
17	Criteria for Evaluation of Bids	15
18	Award Criteria- Award of Contract	16
19	Corrupt or Fraudulent Practices	16
20	Time Frame	18
21	Penalty Clause	18
SECTION - III GENERAL TERMS AND CONDITIONS		
1	General Terms and Conditions of Contract (GCC)	19
2	Communications	21
3	Manner of Execution	22
4	Application	22
5	Standards	22
6	Inspection	22
7	Transportation	23
8	Assignment	23
9	Sub-contracts	23
10	Termination for Default	23
11	Applicable Law	23
12	Notices	24
13	Packing	24
14	Spares/Tools-tackles	24
15	Insurance	24
16	Warranties & Guarantees	24

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

SECTION - IV : TECHNICAL SPECIFICATION		
1	Technical Specifications of solar mini high mast system	28
ANNEXURE		
1	Annexure - B - Formate for Performance Bank Guarantee	30
FORMAT		
2	Format - A - Power of Attorney	32
3	Format - B - Declaration	33
4	Format - C - Details of Banker	34
5	Format - D - Bidders Information sheet	35
6	Format - E - Annual Turn Over Certificate	37
7	Format - F - Experience for Supply & Commissioning of Solar Mini High Masts	38
8	Format - G - Site Visit Report	39
9	Format - H- Check List	40
10	Village List - 26 Nos., Tal. - Parner	41
PART - B - FINANCIAL BID		
1	Financial Bid	42

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

SECTION-I

BID INVITATION

Brief Description of the Bidding Process

- The Divisional General Manager (Divisional Office Nashik), on behalf of MEDA invites eligible bidder to submit a tender in accordance with the provisions of this Tender Document. In this Tender Document, the term "Bidder", which expression shall, unless repugnant to the context, include all parties who have submitted tender in response to this Tender Document within the stipulated time frame for submission.
- The Bidders shall submit the bids in two parts by following e-tendering process described in bidding documents. First part comprises of the technical bid and the second part comprise of the financial bid in accordance with this Tender Document.
- In terms of the Tender Document, a Bidder will be required to deposit, along with its Bid, a bid security as Earnest Money Deposit (EMD).
- MEDA will open the technical bid of the Bidder, by e-tendering process. The financial bid will be opened of those bidders who qualify in technical bid.
- The Bidder's Names, Bid prices and the presence or absence of the requisite and such other details as MEDA, at its discretion, may consider appropriate will be announced at the time of opening.

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

TENDER INFORMATION

1.	Tender Reference No.	DGM/MEDA-NSK/SMH-A'NGR/2020-21/003
2.	Date & Time for on line sale of Tender	From 10 th August, 2020 To 24 th August, 2020 at 12.00 hours
3.	Pre-bid Meeting at MEDA , Nashik Divisional Office	12 th August, 2020 at 15.00 hours
4.	Date & Time for online submission of Tenders	12 th August 2020 To 24 th August, 2020 at 17.00 hours
5.	Date & Time of opening of Technical Bid	25 th August, 2020 At 15.00 hours
6.	Estimated Cost	Rs. 91,38,976.00 (inclusive of GST) (As per PWD Electrical CSR 2019-20 rates with 5 year CMC)
7.	Earnest Money Deposit (EMD)	Rs. 1,00,000/- (Rupees one Lakh only.) should be paid online through respective portal only.
8.	Security Deposit:	3% of contract value by Demand Draft (DD) in favour of MEDA payable at Nashik,

The date & time of opening of Price Bid will be announced later.

9.	Address for communication and Venue for Tender opening	Address: Krishi Audyogik Sahakari Sangh, Nr. NDCC Bank, Dwarka Circle, Nashik - 422011 Contact No. 0253 - 2598685 Email ID: domedanasik@mahaurja.com Website (for Tender): https://mahatenders.gov.in
10.	Tender document fee	Rs. 10,000/- including 18% GST (Non-refundable & Non Transferable)

If any technical difficulties arise while filling up e-tender, please call at 24 x 7 Help Desk Number 0120-4001 002/005 at NIC. It is compulsory to pay tender document fee, EMD through E-payment SBI Net Banking, RTGS and NEFT only. Eligible bidders can upload the Tenders through mahaetender portal of GoM: <https://mahatenders.gov.in>

SIGNATURE & SEAL OF TENDERER

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS – 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

SECTION-II

INFORMATION AND INSTRUCTION TO BIDDERS

The Divisional General Manager (Divisional Office, Nashik), on behalf of MEDA (the Employer), invites e-tender from eligible bidders for “works” include Design, Manufacture, Supply, Installation, Testing and Commissioning with five years Comprehensive Maintenance of Solar Mini High Mast at various locations in 26 villages of Parner taluka in Ahmednagar district (Here in after referred to as the contract of works) and as described in the tender document on 'Turnkey Contracts 'under Tender No: DGM/MEDA-NSK/SMH/A'NGR/2020-21/002

Sr. No.	Name of Proposed Sites	No. of Solar Mini High Mast	Estimated Cost of Project (Rs. in Lakhs)
1.	At various locations in 26 villages in Parner taluka in Ahmednagar district. (Village List enclosed)	40	91.38

1. SCOPE OF CONTRACT

The Scope of contract is as below:

- Design, Manufacture, Supply, Installation, Testing and Commissioning with five years comprehensive maintenance contract for 40 Nos. Solar Mini High Mast at Various locations in 26 villages in Parner taluka in Ahmednagar district in the state of Maharashtra on “Turnkey” Contract Basis and as described in the Bidding Document.
- Free replacement of defective components of systems within Comprehensive Maintenance Contract period (CMC) of 5 years after commissioning for efficient running of the system.
- The Successful bidder should complete this project in given time to get maximum Incentives to the beneficiary. MEDA will not be responsible if no incentives / less incentive is received to the beneficiary due to delay in project.
- Detailed planning for smooth execution of project.

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS – 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

- Selected Bidder(s) shall be bound by operation and management arrangements and rules, regulations and modalities as prescribed by MNRE and MEDA for effective implementation of the project.
- Time is the essence in completing the Works. The successful Bidder will be required to complete the works within the stipulated time as specified in the tender document. The bidder shall ensure that Solar Mini High Masts should be commissioned within 60 Days from the date of issue of work order.
- Bids shall be complete and cover all works described in the Schedule of Prices. Any item of works required for complete usable system shall be deemed to be included in bidder's scope irrespective of whether it is specifically mentioned or not in the price schedules.
- Bidder should note that obtaining permissions from statutory bodies wherever required for execution of works, shall be entirely in bidder's scope.
- Bidder should note that during progress of the work he has to submit the progress report of the work in every 15 days along with the photograph of the site to MEDA, Nashik office.
- Partial bids, or bids which do not cover the entire scope of the project will be treated as incomplete and not responsive to the terms and conditions of bidding and are liable to be summarily rejected.

2. ELIGIBILITY

The bidder shall provide sufficient documentary evidences to satisfy the following conditions, that the bidder:

- I. Shall manufacture/supply the material (Solar Mini High Mast) only as per PWD Electrical CSR 2019-20 the Standards mentioned in tender document. They should provide valid IEC certificate of SPV Module & inverter and test report from authorized test centre of MNRE, Gol.
- II Shall have experience for supply, Installation and commissioning for cumulative quantity of 150 Nos. Solar LED Mini High Masts systems with maintenance/after sale services for at least one year. Demonstration for such installations if required may be allowed during pre-bid meeting (individual time slot will not be allowed for more than 10 Minutes). Satisfactory certificate along with contact details of concern authority at installation (Beneficiary/Client) is to be submitted. Representative of MEDA &/OR representative of appointed consultant by

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS – 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4, 6, 9 & 10) IN THE STATE OF MAHARASHTRA.

MEDA for this assignment will / may visit such installation. Bidders to arrange necessary permissions.

- III. Overall Average Annual Turnover of the Company/Firm/ Corporation in the last three financial years should be at least **Rs 50,00,000/-** (Fifty Lakh only) (This must be the individual Company's turnover and not that of any group of Companies; A summarized sheet of turnover for last three years with average turnover certified by registered CA should be compulsorily

3. STANDARDS/ CERTIFICATES

- The material/equipments/ components supplied and works executed under this contract shall conform to the standards mentioned in the technical specifications and where no applicable standard is mentioned, the latest version of Indian Standard Institution or Bureau of Indian Specification shall be applicable.
- The Bidder shall submit all the valid test certificates and reports of the system.

4. INSTRUCTIONS

- Bidder shall upload Information, Experience Certificates, Test Reports and other such relevant documents specified in the list of other important documents on the portal <http://mahatenders.gov.in>.
- The bidder should visit the site & carryout the survey along with concern persons of Ahmednagar Municipal Corporation as mentioned in Tender in consultation with MEDA Ahmednagar district Office, upload the certificate indicating that the survey is carried out by the bidder as per Format H with Survey reports. Tenders will be treated as invalid without the site survey report.
- The technical proposals confirming to eligibility criteria and found satisfactory will be taken up for detailed technical evaluation. A technical evaluation committee shall evaluate the Bids submitted by bidders for detailed scrutiny. During evaluation of the technical bids, MEDA may at its discretion ask the bidders for clarification of their bid.
- Only Technical bids confirming to minimum eligibility criteria and found to be responsive will be taken up for detailed technical evaluation. A technical / tender evaluation

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4, 6, 9 & 10) IN THE STATE OF MAHARASHTRA.

committee shall evaluate the Bids submitted by bidders for a detailed scrutiny. During evaluation of Bids, MEDA, may, at its discretion, ask the bidders for clarification of their bid.

- In case bidder does not fulfil the technical bid, the financial bid shall not be opened & he shall be disqualified from further bidding process.
- Price bids of bidders qualifying above conditions shall be subsequently opened.

The time and date of the opening of the Price bid shall be intimated at tender web site by MEDA.

- The price bid will be opened in presence of the all technically qualified bidders.
- Bids submitted without EMD will be rejected. Bidder would need to upload the required documents through electronic mode only.

- The Bidder shall upload copies of
 - GST registration Certificate.
 - PAN card.
 - Income Tax Returns of previous three assessment years.
 - For any Clarification /online support please contact at mail id domedanasik@mahaurja.com
 - MEDA reserves the right

To reject or accept any or all tenders without assigning any reasons thereof.

The work order is not transferable. Subletting is not allowed.

MEDA will not entertain any claim at any stage of successful bidder on the plea that the bidder was not having sufficiently acquainted himself to the site condition. Bidders to go through clause No. 4 above for survey of site.

5. COST OF BIDDING

The bidder shall bear all costs associated with the preparation and submission of bid and MEDA will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

6. LANGUAGE OF BID

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

The Bid uploaded by the Bidder and all correspondence and documents in relations to the bid shall be in English Language. Supporting documents and printed literature furnished by the bidder may be in another language provided they are accompanied by an accurate translation of the relevant passages in the English language duly authenticated and certified by the bidder. Supporting materials, which are not translated into English, may not be considered. For the purpose of interpretation and evaluation of the Application, the English language translation shall prevail.

7. DOCUMENTS COMPRISING THE BID

The Bid prepared by the Bidder shall be uploaded in 'Two parts Viz. Technical and Financial bids comprising the following components.

Part I

Technical Proposal:

Bidder shall submit relevant certificates to fulfill the eligibility criteria prescribed in the tender document along with following documents/information

- Power of Attorney
- Copy of receipt for tender fee
- Copy of receipt for EMD / Valid exemption certificate issued by competent Govt. authority
- Duly stamped and signed tender document (Tender Document)
- Firm registration certificate
- Copy of PAN
- Copy of GST registration
- Power of attorney; for company's authorized person (Refer Format -A)
- Declaration – on Company letterhead (Refer Format -B)
- Banker's details of bidder (Refer Format - C)
- Bidder's Information Sheet (Refer Format -D)
- C. A . Certicate – on CA's letter head (Refer Format - E), along with scanned copy of IT returns for last three financial years, supporting with summery of balance sheet / auditor's report
- List of Projects - Experience for installation and commissioning of Solar Mini High Masts – 150 Nos. / list of projects (Refer Format - F). Along with scanned copies of work / purchase orders received for completed projects.
- Site visit report (Refer Format - G)

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

- The Bidder is expected to verify all instructions, forms, terms and specifications in the Tender Document. Failure to furnish all information required in the tender document will be at the Bidder's risk and may result in rejection of the bid.

Part II

Financial bid

Financial Bid shall contain:

- The bidder should quote the price as against total tender estimate as shown in the tender document.
- The price quoted in the bid will be ***inclusive of all*** duties, insurance and all incidental charges for successful design, supply, installation, commissioning along with comprehensive maintenance for five years of Solar Mini High Masts.
- Prices shall be quoted in Indian Rupees only.
- In no circumstances, escalation in the prices will be entertained.
- Financial Bid uploaded with an adjustable price quotation will be treated as non responsive and will be rejected.
- Any Bid not in accordance with above clauses of this Section will be rejected.

8. EARNEST MONEY DEPOSIT (EMD), SECURITY DEPOSIT (SD) & FORFEITING OF EMD :

A) EARNEST MONEY DEPOSIT:

The Earnest Money Deposit of **Rs. 1,00,000.00** should be paid online through respective portal. Tender without Earnest Money Deposit will be out rightly rejected. No interest shall be payable on the amount of Earnest Money. EMD shall be returned to unsuccessful Bidders after acceptance of work order by successful Bidder and EMD of successful Bidder shall be returned after submission of security deposit.

Bidders having exemption under MSME shall necessarily submit self attested copy of ***valid exemption certificate***; otherwise tender shall be out rightly rejected.

L1 Bidder is to submit original copy(s) of such certificate / registration for review / verification, before issuing the LOA. In absence of original certificate / registration, further tendering procedure shall be stopped with such L1 Bidder, with immediate effect and

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

appropriate strict actions will be taken against such Bidder, including recovery of EMD amount.

B) FORFEITING OF EMD:

The EMD paid or submitted by the Bidder shall be forfeited if:

1. The Bidder withdraws his tender before finalization of work order.
2. The Bidder does not accept work order.
3. The Bidder violates any of the terms and conditions of the tender.
4. The Bidder fails to deposit requisite Security deposit.
5. The Bidder fails / refuses to execute the contract. In this case, MEDA shall have full right to claim damages thereof in addition to the forfeiture of EMD.
6. If the L1 bidder does not accept the work then MEDA will blacklist the L1 bidder

C) SECURITY DEPOSIT:

1. The Bidder shall furnish security deposit at 3% of the total contract value within 10 days from the date of issue of work order (including Sunday and public holiday) by way of demand draft of nationalized bank in favour of Maharashtra Energy Development Agency payable at Nashik.
2. Failure to comply with the terms of security deposit shall result into cancellation of work order without any further reference to the Bidder and the EMD shall be forfeited.
3. The security deposit shall be liable to be forfeited wholly or partly at the sole discretion of the MEDA, if the Bidder either fails to execute the work of above projects or fails to fulfil the contractual obligations or fails to settle in full his dues to the MEDA.
4. In case of premature termination of the contract, the security deposit will be forfeited and MEDA will be at liberty to recover the losses suffered by it & if additional cost is to be paid, the same shall be recovered from the Bidder.
5. The MEDA is empowered to recover from the security deposit for any sum due and for any other sum that may be fixed by the MEDA as being the amount or loss or losses or damages suffered by it due to delay in performance and / or non-performance and / or

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

partial performance of any of the conditions of the contract and / or non-performance of guarantee obligations.

6. The security deposit shall be released to the Bidder only after contract is completed to the satisfaction of the MEDA.

9. PRICE VARIATION:

The Project cost shall be *inclusive of all* duties and taxes, insurance etc. The prices quoted by the firm shall be complete in all respect and no price variation/adjustment shall be payable by MEDA.

In event bidder offers price less than 80% of estimated cost indicated in this tender document; which is based on PWD Electrical CSR rates for 2019-20. Such Bidder fails / refuses to execute the contract. In this case, MEDA shall have full right to claim damages thereof in addition to the forfeiture of EMD. Necessarily, no exemption in tender fee & EMD shall be allowed for such price bid. Such lowest bid without tender fee & EMD shall be ***out rightly rejected during financial evaluation*** though the bidder is technically qualified.

10. JURISDICTION:

In case of any dispute, in the documentation and during implementation, commissioning, completion and CMC period, all the matter will be resolve under Nashik Jurisdiction only.

11. PERIOD OF VALIDITY OF BID

- Bids shall remain valid for 180 days after the date of opening of Technical Bid. A Bid valid for a shorter period shall be rejected by MEDA as non-responsive.
- In exceptional circumstances, MEDA may solicit the Bidder's consent to extend the period of validity. The request and the responses thereto shall be made in writing. The EMD provided shall also be suitably extended. A Bidder granting the request will not be required nor permitted to modify its bid.

12. MODE OF SUBMISSION OF BIDS

- The Bids shall be submitted electronically in the e-tender platform only.
- Bids sent by any other mode like in person, post, Telex or Fax or e-mail will be rejected.
- MEDA may at its discretion require any Bidder to submit the hard copy of any of the document submitted on e-tender platform.

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

13. DEADLINE FOR SUBMISSION OF BIDS

- Bids must be uploaded by the bidder through e-tender process not later than the time and date specified in the invitation for Bids.
- The MEDA may, at the discretion, extend this deadline for submission of bids by issuing an addendum, in which case all rights and obligations of MEDA and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

14. CLARIFICATION OF BIDS

During evaluation of Bids, MEDA may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing and no change in prices or substances of the Bid shall be sought, offered or permitted.

15. Pre Bid Meeting:

Pre bid meeting shall be called at office of Maharashtra Energy Development Agency, Divisional Office Nashik to clarify doubts, if any of the bidders after one week of floating tender on site <https://mahatenders.gov.in> before submission of final tender document.

16. PRELIMINARY EXAMINATION

- The MEDA will examine the Bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.
- Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between words and figures, the lower of the two will prevail. If the Bidder does not accept the correction of errors, its bid will be rejected.
- The Bidder is required to carefully examine the Technical Specification, terms and Conditions of Contract, and other details relating to supplies as given in the Bid Document.
- The Bidder shall be deemed to have examined the bid document including the agreement/ contract to have obtained information on all matters whatsoever that might affect to execute the project activity and to have satisfied himself as to the adequacy of his bid. The bidder shall be deemed to have known the scope, nature and magnitude of the supplies and the

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

requirements of material and labour involved etc. and as to all supplies he has to complete in accordance with the Bid document.

- Bidder is advised to submit the bid on the basis of conditions stipulated in the Bid Document.
- Bidder's standard terms and conditions if any will not be considered. The cancellation / alteration / amendment / modification in Bid documents shall not be accepted by MEDA.
- Bid not submitted as per the instructions to bidders is liable to be rejected. Bid shall confirm in all respects with requirements and conditions referred in this bid document.

17. ACCEPTANCE OR REJECTION OF BIDS

- MEDA reserves the right to accept or reject any bid or all the bids and to annul the bidding process and reject all bids at any time prior to award of contract, without thereby incurring any liability or any obligation to inform the affected bidder or bidders of the grounds for the said action.
- Any Bid with incomplete information is liable for rejection.
- For each category of pre-qualification criteria, the documentary evidence is to be produced duly attested by the authorized representative of the bidder and serially numbered. If the documentary proof is not submitted for any/all criteria the Bid is liable for rejection.
- If any information given by the bidder is found to be false/ fictitious, the Bidder will be debarred for 3 years from participating in any other tenders of Govt., of Maharashtra and will be black listed.

18. CRITERIA FOR BID EVALUATION

- Step 1: Test of Responsiveness

Prior to evaluation of Bids, MEDA shall determine whether each Bid is responsive to the requirements of the tender document. A Bid shall be considered responsive only if all documents as outlined in the tender document for two stage bid process are submitted as per the pre-defined format.

The MEDA reserves the right to reject any Bid which is non-responsive and no request for alteration, modification, substitution or withdrawal shall be entertained by the MEDA in respect of such Bid.

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

- **Step 2: Bid Evaluation**

Bid evaluation will be carried out considering the information furnished by Bidders as per the Tender documents. Based on technical/ qualifying criteria preferred bidders will be shortlisted

Technical Evaluation

- Only Technical bids conforming to minimum eligibility criteria and found to be responsive will be taken up for detailed technical evaluation. A technical / tender committee shall evaluate the Bids submitted by bidders for a detailed scrutiny.

Financial Evaluation

The price bids of the eligible bidders will then be evaluated in the manner provided below;

- At the outset, the price bids of all the Bidders who are technically qualified in technical evaluation shall be opened in the presence of the Bidders Representatives. Presence of the Bidders Representatives is essential. No claim / further clarification will be entertained, to the Bidder in case the Representative is fails to attend this meeting.
- The bidder's names, the Bid Prices, the total amount of each bid, any discounts, and such other details as the Employer may consider appropriate, will be announced and recorded by MEDA at the opening. The bidder's authorized representatives will be required to sign this record.
- Bidder that has quoted the lowest price (inclusive of all the taxes/duties) shall be declared as the preferred Bidder.
- The work orders shall be issued to the successful bidder who ever qualifies in the complete process as mentioned.

19. AWARD CRITERIA AND AWARD OF CONTRACT

MEDA will award the Contract to the successful Bidder whose Bid has been determined to be substantially responsive and has been determined as the lowest evaluated Bid as per the criteria mentioned above, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.

20. CORRUPT OR FRAUDULENT PRACTICES

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

MEDA requires that Bidders shall observe the highest standard of ethics during the execution of contracts. In pursuance of this policy, MEDA:

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

- "corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and
- "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Government, and includes collusive practice among Bidders (prior to or after tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the Government of the benefits of free and open competition;
 - will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
 - will declare a firm ineligible, 3 years for a period of time, to be awarded a Government financed contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a contract.

21. Terms of Payment:

- a. 60% of the total cost will be released after supply, installation & successful commissioning of the systems duly certified by Bidder, Officer of MEDA & authorized person of Beneficiary along with submission of Insurance policy documents effective from date of commissioning for CMC period.
- b. 40% of the total cost shall be released on submission of next one month successful performance report in prescribed format which should be duly certified by Officer of MEDA, authorized person of Beneficiary and submission of Performance Bank Guarantee of 10% of total project cost from any Nationalized Bank valid for period of 5 years.

Deduction:-

- i. The TDS at the source will be deducted as per the Govt. rule and regulations.
- ii. MEDA will issue necessary certificates of TDS deduction

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

iii. 'C' / 'D' form will not issued by MEDA.

iv. Note that if bidder does not provide insurance against Labour and Material MEDA will process insurance at "Director of Insurance" and will deduct 1% of contract value against insurance claimed by them and 1% of contract value deduction against "Labour Welfare Cess" from payment towards successful bidder

21. TIME FRAME:

The time frame for the completion of work is 60 **days** from the date of issue of work Order.

22. PENALTY CLAUSE

If the systems are not installed and commissioned within the stipulated period as mentioned in the work order the Bidder shall be required to pay penalty of 1/2% (half percent) of balance amount per week, maximum up to 10% of the total cost of the systems and the amount shall be recovered either from the amount due to the Bidder or from Security Deposit.

If Successful bidder is not able to complete the project in due time the same shall be get done through other contractor and the Successful bidder has to be are all the cost incurred against the balance work left by him forth completion of project

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

SECTION - III

GENERAL CONDITIONS OF CONTRACT (GCC)

1. General Terms and Conditions:

The following are the General Terms and Conditions of Contract for Supply, Installation and commissioning of Solar Mini High Masts, as per the specifications given in the document.

- a. Bidder shall be responsible for any damage occurred, if any, to other installations of the Hostel Buildings during the course of work.
- b. The Bidder should provide appropriate tools and equipment's to the workmen and ensure that those are in proper working condition and the workmen use the appropriate tools and take precaution "PLEASE NOTE THAT ANY ACCIDENT TO THE WORK MEN / PUBLIC / ANIMALS / PROPERTY BOTH MOVABLE AND IM-MOVABLE SHALL BE ENTIRE AND SOLE RESPONSIBILITY OF THE BIDDER AND ANY PROCEEDING ARISING OUT OF THE SAME SHALL BE AT THE BIDDER'S RISK AND COST, MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA) OR ITS EMPLOYEES WILL NOT BE RESPONSIBLE FOR ANY SUCH INCIDENT".
- c. Bidder should provide necessary manufacture's test certificates for materials being used for the work. Bidder should provide facilities and bear the cost for the same. Power curve of all the panels erected by manufacturers shall be provided to the MEDA.
- d. The selected Bidder is bound to work on the guideline provided by MEDA from time to time. Guidelines if issued in future by MEDA, the changes proposed will also be applicable without enhancement in project cost till the completion of 5 years period.
- e. The Bidder shall carry out the work strictly according to the specifications as per given in Section-IV and complete the work within stipulated time.
- f. It is the responsibility of Bidder to submit the reports for systems installed & commissioned and certificates for undertaking the responsibility of maintenance of the systems to MEDA with a copy to user agency. Bidder shall also impart training to the user for regular Operation & Maintenance of the system and certificate in this respect should be submitted.

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

- g. Bidders should give Guarantee against any manufacturing defects from the date of commissioning up to CMC period. For any manufacturing defects, supplier shall replace defective parts at free of cost during the CMC period and shall keep the system functional.
- h. MEDA officials will do inspection as and when necessary, during the execution of work and thereafter subsequent to installation and commissioning of the work for the purpose of issuing final completion certificate
- i. In the event of any discrepancy observed in specifications, the specifications given by MEDA will be final. In the event of dispute arising any time, related to this work and document, decision of the Divisional General Manager, MEDA, Nashik or his nominee shall be final.
- j. MEDA at its discretion may visit supplier's factory for testing / inspection at any time during the period of supply and installation of the systems.
- k. MEDA will not pay any interest on any amount, due to the Bidders.
- l. During the inspection, if any deviations in Technical Specifications are observed, MEDA reserves right to test any solar module / system at any authorized test centre of MNRE. Bidder shall provide the facilities for getting the sample tested & the supplier shall bear the cost for the same.
- m. If the supplier fails to complete the work or partially completes it then, MEDA reserve right to cancel the work order and get it done from other supplier and any loss due to this shall be recovered either from any amount due to the supplier or from his Security Deposit.
- n. At the time of inspection of MEDA, manufacturer or supplier has to submit the I.V. curves and test reports of supplied PV modules to respective officer.
- o. The Wiring must be carried out in casing-capping / conduit which are suitable as per site condition
- p. It will be responsibility of the Bidder to ensure the satisfactory performance of the system.
- q. The Bidder shall provide the display board of size 3ft x 3ft that gives detailed information of system along with the contact details of manufacturer. This will help the beneficiary during 5 years CMC period

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

- r. The Bidder shall comply with the provision of contract labour (Regulation and Abolition) Act 1970, minimum wages Act 1948, payment of the wages Act 1963 Workmen's Compensation Act 1961, the contract labour (Regulation and Abolition) Act 1979 and all other related Acts and any modification thereof or any law relating there to and rules made there under from time to time.
- s. If previous performance of any Bidder found unsatisfactory, he will be disqualified.
- t. If any information / confirmation on any point of these tender conditions are required Bidder may contact / write to Divisional General Manager, MEDA, Nashik giving tender reference no. etc.
- u. In the event of dispute during installation & commissioning of the systems related to the work and documents, decision of the Divisional General Manager, MEDA, Nashik shall be final.
- v. The Divisional General Manager, MEDA, Nashik reserves the rights to distribute the work among the Bidders who are eligible and have submitted the offers.
- w. Once the Bidder submit his offer and subsequently if not interested to work, in such case MEDA will forfeit his EMD amount.
- x. At the time of placing work order and during the implementation MEDA can revise the technical terms and conditions if revised by MNRE, which will be binding on the Bidder.
- y. Divisional General Manager, MEDA, Nashik reserves the right to select L2 Bidder i.e. second lowest Bidder to complete the work, if L1 i.e. lowest Bidder fails to fulfil tender conditions or fails to complete the work. subject to L2 bidder accept the work at received L1 price.
- z. It is binding on the successful Bidder to submit original certificates, documents required by MEDA.

2. **Communications**

- Wherever provision is made for the giving or issue of any notice, instruction, consent, approval, certificate or determination by any person, unless otherwise specified such communication shall be in writing and shall not be unreasonably withheld or delayed.
- Project review coordination meetings between the Employer, Employer's Representative and Contractor shall be conducted on a regular basis or as and when required by the Employer, at locations decided by the Employer, to review the Contractor's progress and

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

plans for completing the remaining Works, to deal with matters affecting the progress of the Works, and to decide on responsibility for actions required to be taken. Decisions taken and instructions issued during the coordination meetings, as recorded in the Minutes, shall have the same force and effect as if they were written communications issued in accordance with the three preceding paragraphs.

3. Manner of Execution

Execution of work shall be carried out in the approved manner as outlined in the technical specifications or where not outlined, in accordance with relevant MNRE / MEDA / BIS / Indian Standard Specifications, to the reasonable satisfaction of The Employer.

- The Contractor / Agency should successfully complete the project within timeframe set out by the employer and mutually agreed between Contractor / Agency and Employer.
- MEDA shall not be responsible for any loss or damage of any material when installing Solar Mini High Masts.
- Undertake necessary activities during the warranty period as set out in this Contract.
- It is the responsibility of successful bidder to make the insurance of Solar Mini High Masts from the date of commissioning for the CMC period by following standard procedure.

4. Application

These General Conditions shall apply to the extent that they are not superseded by provisions in other parts of the contract.

5. Standards

The goods supplied under this contract shall conform to the Standards mentioned in the Technical specifications as per PWD Electrical CSR 2019-20/ MEDA requirements and, when no applicable standard is mentioned, to the authoritative standard appropriate to the Good's country of origin and such standards shall be the latest issued by the concerned institution.

6. Inspection:

- Bidder shall inform MEDA, Nashik in writing when the work is complete and ready for inspection giving sufficient notice to enable MEDA to depute officials to inspect the same. The work shall not be considered in accordance with the terms of the contract until the competent person from MEDA certifies in writing to that effect.

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

- Bidder has to strictly follow the specifications given in the work order while carrying out the execution of work. During inspection if it is found that Bidder has deviated from the specifications, Bidder has to do the alteration / modification / reconstructions as per the given specifications at his own cost & risk.

7. Transportation

Where the Contractor / Agency is required under the contract to transport the goods to specified locations defined as Project sites, transport to such places including insurance, as shall be specified in the contract, shall be arranged by the Contractor / Agency, and the contract price shall include transportation costs.

8. Assignment

The Contractor / Agency shall not assign, in whole or in part to any third party, its obligations to perform under the contract, except with MEDA's prior written consent.

9. Sub-contracts

Subcontract is strictly prohibited (Turnkey i.e. E.P.C. as well as C.M.C.).

10. Termination for Default

MEDA without prejudice to any other remedy for breach of contract, by written notice of default sent to the Contractor / Agency, terminate the contract in whole or part:

- If the Contractor / Agency fails to deliver any or all the goods within the period(s) or within any extension thereof granted by the MEDA or
- If the Contractor / Agency, in the judgment of MEDA has engaged in corrupt or fraudulent practices in competing for or in executing the contract.

In the event MEDA terminates the contract in whole or in part, MEDA may procure, upon such terms and in such manner as it deems. Appropriate goods or services similar to those undelivered and the Contractor / Agency shall be liable to MEDA for any excess costs for such similar goods or services. However, the Contractor/Agency shall continue the performance of the contract to the extent not terminated.

11. Applicable Law

The contract shall be interpreted in accordance with the laws of the Union of India.

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

12. Notices

Any notice given by one party to the other pursuant to this contract shall be sent to other party in writing or by cable, telex or facsimile and confirmed in writing to the other party's address specified. A notice shall be effective when delivered or on the notice's effective date, whichever is later.

13. Packing

- The Bidder shall provide such packing of the goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the contract.
- The packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures during transit and open storage.
- Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods final destination and the absence of heavy handlings facilities at all points in transit.
- The packing, marking and documentation within and outside the item shall comply strictly with such special requirements as shall be provided for in the contract including additional requirements, if any and in any subsequent instructions ordered by the MEDA.

14. Spares & tools-tackles:

The bidder shall provide / supply its own necessary tools-tackles for erection & testing and required for CMC, along with sufficient quantity for consumable items / spares for replacement, if any.

14. Insurance:

The bidder shall provide insurance coverage ex-factory until commissioning and acceptance for replacement or repair of any part of the consignment due to damage or loss occurred during CMC.

15) Warranties and Guarantees:

The Bidder shall warranty that the goods supplied under this contract are new, unused, of the most recent or latest technology and incorporate all recent improvements in design and materials. The bidder shall provide warrantee covering the rectification of any and all defects in the design of equipment, materials and workmanship including spare parts for a period of 5 years from the date of commissioning of project. The successful bidder has to transfer all the Guarantees/Warrantees of the different components to the Owner of the project. The

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4, 6, 9 & 10) IN THE STATE OF MAHARASHTRA.

responsibility of operation of Warrantee and Guarantee clauses and Claims/Settlement of issues arising out of said clauses shall be joint responsibility of the Successful bidder and the owner of the project and MEDA will not be responsible in way for any claims whatsoever on account of the above.

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4, 6, 9 & 10) IN THE STATE OF MAHARASHTRA.

SECTION – IV - TECHNICAL SPECIFICATION FOR SOLAR MINI HIGH MAST LIGHTING SYSTEMS

A stand alone High-Mast Street Lighting System is an outdoor lighting unit used for illuminating a street or an open area. The High-Mast Street Lighting System consists of solar photovoltaic (SPV) module, a luminary, storage battery, control electronics, inter-connecting wires/cables, module mounting pole including hardware and battery box. The luminary is based on White Light Emitting Diode (W-LED), a solid state device which emits light when electric current passes through it. The luminary is mounted on the pole at a suitable angle to maximize illumination on the ground. The PV module is placed at the top of the pole at an angle facing south so that it receives solar radiation throughout the day, without any shadow falling on it.

Electricity generated by the PV module charges the battery during the day time which powers the luminary from dusk to dawn. The system lights at dusk and switches off at dawn automatically.

BROAD PERFORMANCE SPECIFICATIONS

PV Module	400 Wp under STC.
Battery	2 x (12 V X 150 AH) Lithium battery.
Light Source	LED 20 W x 2 Nos.
Light Out put	The illumination should be uniform without dark bands or abrupt variations, and soothing to the eye. Higher light output will be preferred. With first 6 hrs. full intensity light output and following 6 hrs. with half intensity light output along with solar and local electrical power supply charging facility complete (with 5 years warrantee)
Mounting of light/Pole	GI Octagonal Pipe with bottom of 150 mm A/F, Top 70 mm 6 meter pole mounted (above ground level)
Electronics Efficiency	Minimum 85% total fg
Duty Cycle	Dusk to dawn
Autonomy	1 day or Minimum 24 operating hours per permissible discharge

TECHNICAL DETAILS

PV MODULE

- i. Indigenously manufactured PV module should be used.
- ii. The PV module should have crystalline silicon solar cells and must have a certificate of testing conforming to IEC 61215 Edition II / BIS 14286 from an NABL or IECQ accredited Laboratory.
- iii. The power output of the module(s) under STC should be a minimum of 40 Wp at a load voltage* of 16.4 ± 0.2 V.
- iv. The open circuit voltage* of the PV modules under STC should be at least 21.0 Volts.
- v. The module efficiency should not be less than 12%.
- vi. The terminal box on the module should have a provision for opening it for replacing the cable, if required.
- vii. There should be a Name Plate fixed inside the module which will give:
 - a. Name of the Manufacturer or Distinctive Logo.
 - b. Model Number
 - c. Serial Number

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

d. Year of manufacture

- viii. A distinctive serial number starting with NSM will be engraved on the frame of the module or screen printed on the tedlar sheet of the module.
*The load voltage and Voc conditions of the PV modules are not applicable for the system having MPPT based charge controller

BATTERY

- i. Lithium battery.
- ii. The battery will have a minimum rating of 12 V, 150 Ah.
- iii. Battery should conform to the latest BIS/ International standards.

LIGHT SOURCE

- i. The light source will be a white LED flood type.
- ii. The colour temperature of white LED used in the system should be in the range of 5500oK–6500oK.
- iii. W-LEDs should not emit ultraviolet light.
- iv. The light output from the white LED light source should be constant throughout the duty cycle.
- v. The lamps should be housed in an assembly suitable for outdoor use.
- vi. The temperature of heat sink should not increase more than 20oC above ambient temperature during the dusk to dawn operation.

ELECTRONICS

- i. The total electronic efficiency should be at least 85%.
- ii. Electronics should operate at 12 V and should have temperature compensation for proper charging of the battery throughout the year.
- iii. No Load current consumption should be less than 20 mA.
- iv. The PV module itself should be used to sense the ambient light level for switching ON and OFF the lamp.
- v. The PCB containing the electronics should be capable of solder free installation and replacement.
- vi. Necessary lengths of wires/cables, switches suitable for DC use and fuses should be provided.

ELECTRONIC PROTECTIONS

- i. Adequate protection is to be incorporated under "No Load" conditions e.g. when the lamp is removed and the system is switched ON.

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

- ii. The system should have protection against battery overcharge and deep discharge conditions.
- iii. Fuse should be provided to protect against short circuit conditions.
- iv. Protection for reverse flow of current through the PV module(s) should be provided.
- v. Electronics should have temperature compensation for proper charging of the battery throughout the year.
- vi. Adequate protection should be provided against battery reverse polarity.
- vii. Load reconnect should be provided at 80% of the battery capacity status.

MECHANICAL COMPONENTS

- i. A corrosion resistant metallic frame structure should be fixed on the pole to hold the SPV module.
- ii. The frame structure should have provision to adjust its angle of inclination to the horizontal between 0 and 45, so that the module can be oriented at the specified tilt angle.
- iii. The pole should be octagonal made of Galvanised Iron (GI) pipe with bottom of 150 mm A/F, Top 70 mm.
- iv. The height of the pole should be 6 metres above the ground level, after grouting and final installation.
- v. The pole should have the provision to hold the luminary.
- vi. The lamp housing should be water proof and should be painted with a corrosion resistant paint.
- vii. A vented, acid proof and corrosion resistant metallic box with a locking arrangement for outdoor use should be provided for housing the battery.

INDICATORS

The system should have two indicators, green and red.

The green indicator should indicate the charging under progress and should glow only when the charging is taking place. It should stop glowing when the battery is fully charged.

Red indicator should indicate the battery "Load Cut Off" condition.

QUALITY AND WARRANTY

- i. **The High-Mast Street Lighting System will be warranted for a period of five years from the date of supply.**
- ii. **The PV module(s) will be warranted for a minimum period of 25 years from the date of supply.** The PV modules must be warranted for their output peak watt capacity, which should not be less than 90% at the end of Ten (10) years and 80% at the end of Twenty five (25) years.

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

iii. The Warranty Card to be supplied with the system must contain the details of the system.

OPERATION and MAINTENANCE MANUAL

An Operation, Instruction and Maintenance Manual, in English and the local language, should be provided with the Solar Mini High Mast. The following minimum details must be provided in the Manual:

- Basic principles of Photovoltaic's.
- A small write-up (with a block diagram) on Solar Mini High Mast - its components, PV module, battery, electronics and luminaire and expected performance.
- Type, Model number, Voltage & capacity of the battery, used in the system.
- The make, model number, country of origin and technical characteristics (including IESNA LM-80 report) of W-LEDs used in the lighting system.
- About Charging and Significance of indicators.
- Clear instructions about erection of pole and mounting of PV module (s) and lamp housing assembly on the pole.
- Clear instructions on regular maintenance and trouble shooting of the High Mast System.
- DO's and DONT's.

Name and address of the contact person for repair and maintenance, in case of non-

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4, 6 9 & 10) IN THE STATE OF MAHARASHTRA.

Annexure - B

• **FORMATE FOR PERFORMANCE BANK GUARANTEE**

To: Divisional General Manager
Krishi Audyogik Sahakari Sangh, Near, NDCC Bank,
Dwarka Point, Nashik. 422011.

WHEREAS _____ [*name and address of Contractor*] (hereinafter called "the Contractor") has undertaken, in pursuance of Work Order No. _____ Tender No. for works DGM/MEDA-NSK/SMH/A'NGR/2020-21/003 to design, manufacture, supply, installation, testing and commissioning with five years comprehensive maintenance contract of Solar LED Mini Hight Masts – 40 Nos. at various locations places in the 26 villages in Parner taluka in Ahemednagar district in the state of Maharashtra. (hereinafter referred to as the contract of works) and as described in the Bidding Data in Maharashtra State for works under the SPV Power Plant Programme for Govt. Buildings in Maharashtra under single point responsibility "Turnkey Contracts" basis (hereinafter called "the Contract");

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligation in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of _____ [*amount of Guarantee*] _____ [*in words*], and we undertake to pay you, through our branch office at _____ upon your first written demand and without cavil or argument, any sum or sums within the limits of _____ [*amount of Guarantee*] as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed there under or of any of the Contract documents which may be

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

made between you and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until the date of completion of the defects liability period, with a claim period of further one month.

Yours truly,	_____
Signature and seal of the Guarantor:	_____
Name of Bank/Financial Institution:	_____
Address:	_____

Date:	

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS – 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

Format - A

POWER OF ATTORNEY
(On Rs100/- stamp paper)

Know all men by these presents, We,, Reg.
Address: do hereby irrevocably
constitute, nominate, appoint and authorise Mr./Mrs./Ms.
....., Contact No. +91-....., Email.....
.....@..... presently employed with us and holding
the position of, as our true and lawful attorney (hereinafter referred to as
the “Attorney”) to do in our name and on our behalf, all such acts, deeds and things as are
necessary or required in connection with or incidental to participate in e-tendering process for
e-tender no. DGM/MEDA-NSK/SMH/A’NGR/2020-21/003 for Design, Manufacture, Supply,
Installation, Testing And Commissioning With Five Years Comprehensive Maintenance of
Solar LED Mini High Masts – 40 Nos. at various places in the 26 villages in Parner taluka in
Ahemednagar district in Ahemednagar district in the state of Maharashtra, including but not
limited to signing and submission of all applications, Bids and other documents and writings,
participate in Bidders and other conferences and providing information / responses to the
Company, representing us in all matters before the Company, signing and execution of all
contracts including the Contract Agreement and undertakings consequent to acceptance of
our Bid, and generally dealing with the Company in all matters in connection with or relating to
or arising out of our Bid for the said Project and/or upon award thereof to us and/or till the
entering into of the Contract Agreement AND, we 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.

For
(Company Name)

Name of signing authority:
Designation: (Owner / Director / Proprietor / Partner)
Place:
Date :

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

Format - B

DECLARATION

(On company's letter head)

To,
General Manager, (Divisional Office Nashik)
Maharashtra Energy Development Agency,
Krishi Bhavan, Ground Floor, Near N.D.C.C. Bank, Dwarka Point, New
Mumbai-Agra Road, Nashik – 422 011, Contact No.: 0253-2598685;
Email id - domedanasik@mahaurja.com

Reference: E-tender no. DGM/MEDA-NSK/SMH/A'NGR/2020-21/003

Respected Sir/Madam,

1. We have carefully read and understood all the terms and conditions of the tender and hereby convey our acceptance to the same.
2. The information / documents furnished along with our offer are true and authentic to the best of my knowledge and belief, We are well aware of the fact that furnishing of any false information/ fabricated document would lead to rejection of our tender at any stage besides liabilities towards prosecution under appropriate law.
3. We have apprised our self fully about the job to be done during the currency of the period of agreement and also acknowledge bearing consequences to of non performance or deficiencies in the services on our part.
4. We have no objection, if enquiries are made about the work listed by us.
5. We have not been barred or blacklisted by any Government Agency / Department / PSU or any such competent Government authority, organization where we have worked. Further, if any of the partners/directors of the organization /firm is blacklisted or having any criminal case against them, our bid shall not be considered. At any later point of time, if this information is found to be false, Divisional Office Nashik, Maharashtra Energy Development Agency, may terminate The assigned contract immediately.
6. We have not been found guilty by a court of law in India for fraud, dishonesty or moral turpitude.
7. We agree that the decision of General Manager, Divisional Office Nashik, Maharashtra Energy Development Agency in selection of Bidders will be final and binding to us.

For
(Company Name)

Name of signing authority / Designation / Place / Date

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

FORMAT - C

DETAILS OF BANKER

Sr. No.	Particulars	
1	Name of Bank	
2	Name of Branch	
3	IFSC Code	
4	Account Name	
5	Account No.	
6	Type of Account	

For
(Company Name)
Place -
Date -

Name of signing authority / Designation

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

FORMAT - D**Bidder's Information Sheet**

Sr. No.	Particulars	
1.	Name of Firm	
2.	Detailed Mailing Address of firm	
3.	Firm Status (PSU/Incorporate / Ltd / Pvt. Ltd/LLP/Partnership/proprietor)	
4.	Contact Person Name, Designation &	
5.	Contact No.	
6..	E-mail Address for correspondence	
7.	Firm Website Address	
8.	Firm Registration No/ ROC	
9.	Establish Year of firm	
10.	PAN No.	
11.	GST No.	
12.	Turnover (in Rs.) 2016-17, 2017-18, 2018-19 (in Crore Rs.)	
13.	Company Profile (<100 words)	
14.	Skilled manpower	
15.	Experience in Solar Min High Mast (<100 words)	
16.	Experience in other solar projects (<100 words)	
17.	Solar related Product Range	
18.	Experience in guarantee, Maintenance & after sales services (years)	
19.	Accreditation / Special Achievement, if any by firm / Bidder	
20.	List of ISI, ISO, Other cert.	

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

It is certified that the information provided above is true to the best of my knowledge and belief. If any information found to be concealed, suppressed or incorrect at later date, our tender shall be liable to be rejected and our company may be debarred from executing any business with Govt. of Maharashtra/ MEDA.

Signature of Bidder

Name

Designation

Company

Date :

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

FORMAT - E

Annual Turnover Certificate

This is to certify that, the (Name of firm) registered as /under having registered Addressand asses to income tax with circle..... location..... and holding IT PAN Further, it is certified that, the sales / turn over of the above referred company for the last three years are as under.

Annual Turnover Data for the last 3 Years of FY 2015-16, 2016-17 & 2017-18	
Financial Year	Rs. in Lakhs
2016-17	
2017-18	
2018-19	
Total	

We have verified the books of accounts, records and other relevant documents. This certificate has been issued on the basis of data / information produced before us and on the request of the client.

For
(Name of C.A. Firm)

Seal

Name of signing authority (C.A.)

Place:

Date:

Note: Bidders to submit scanned copy of IT returns for last three financial years, supporting with summery of balance sheet / auditor's report, along with above certificate.

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

FORMAT - F

Experience for supply and Commissioning of & Solar Mini High Masts

Sr. No.	Name of Project	No. of Solar Mini High Masts	Date of Commissioning / current status of Project

Signature of Bidder

Name

Designation

Company

Date

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS – 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

FORMAT - G

SITE VISIT REPORT LETTER
(To be submitted on letterhead of bidder)

Date: _____

To,
Divisional General Manager,
Maharashtra Energy Development Agency,
MEDA, Nashik.

Sub. : Site Visit Report for supply & installation of Solar Mini High Masts – 40 Nos. at various locations in the 26 villages in Parner taluka in Ahemednagar district.

Ref. : MEDA's Tender No. DGM/MEDA-NSK/SMH/A'NGR/2020-21/003

Sir,

This has reference to above referred tender of Supply, Installation & Commissioning of Solar Mini High Masts – 40 Nos. at various locations in the 26 villages in Parner taluka in Ahemednagar district in Maharashtra state. I/We declare that we have visited these sites.

I / We made ourselves acquainted with site conditions, approach to site, requirement of land, soil conditions, availability of water, requirement of tender conditions etc.

I / We verified all details required to execute the projects.

I / We have no problems in undertaking the projects and complete them in the given time period.

Thanking you

Yours faithfully,

(Signature of Bidder)

Name of Bidder -----

Designation -----

Seal:

Signatures of

Block Development officer
Pamchayat Samiti, Parner, Dist. - Ahemednagar

Project Officer,
MEDA District office, Ahemednagar.

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

FORMAT - H**Check List**

Sr. No.	Part - A	Particulars	Yes/ No	Page No.
1	1 st Cover page	Filled in copy of this Check List indicating page no.		
2	Annexure - I (a) Annexure - I (b)	a) Copy details for Tender document fees b) Copy details for Earnest Money Deposit (EMD)		
3	Annexure - II	Tender document (duly stamped and signed by bidder's authorised person on each page)		
4	Annexure - III	Registration Certificate of Firm.		
5	Annexure - IV	Copy of Registration Certificates for GST & Copy of PAN Card.		
6	Annexure - V	Power of Attorney (on Rs 100/- stamp paper) (Refer Format - A)		
7	Annexure - VII	Declaration (on company letter head) (Refer Format - B)		
8.	Annexure - VIII	Banker's Details (Refer Format - C).		
9	Annexure - IX	Bidder's Information (Refer Format - D).		
10	Annexure - X	C. A. Certificate (on C. A.'s letter head) (Refer Format - E) (submit copy of IT returns for last three financial years, supporting with summary of balance sheet / auditor's report)		
11	Annexure - XI	List of Project (submit self attested copies of both work order and completion certificate issued by end user / client on their official letter head; refer Section II of Tender, Clause no III of 2. for eligibility criteria) (Refer Format - F)		
12	Annexure - XII	Site Visit Report (on company letter head) It is mandatory to upload site visit report duly signed by concern authority at Site (Refer Format - G)		

Note:

- Above information / documents are to be uploaded / annexed as a **SINGLE PDF** in prescribed format (Refer Format A to J) in above **SEQUENCE**.
- **Bid without any of above document is liable for rejection.**
- Upload necessary documents only, so as to restrict Bid with maximum 200 pages; **readable scanned file for resolution not less than 100 dpi.**
- **Submit financial BID, separately.**

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

ABSTRACT

SCHEDULE - "A"

Name of Work :- Supplying, installation, testing and commissioning of Solar LED Mini- Hi Mast lights in limits of Parner-Nagar Vidhansabha Constituency

Locations

Sr.NO	Locations	Quantity
1	vasunde	2
2	Vadgaon savtal	2
3	Vankute	2
4	Mandvekhurd	2
5	Nandurpathar	2
6	Kanurpathar	2
7	Vadjhire	2
8	Ganjibhoire	1
9	Kohakadi	1
10	Javla	2
11	Devi Bhoire	2
12	VadnerBudruk	1
13	Sidheshvarvadi	1
14	Khadakvadi	1
15	Pimprighumat	1
16	Dhotrekhard	1
17	Varanvadi	1
18	Narayanhavan	2
19	Hatalkhindi	1
20	Hingangaon	1
21	Navnagapur	1
22	Vadeghavan	1
23	Karjulehariya	4
24	Vadule	1
25	Valavne	2
26	Supa	1
Total		40

Sd/-
Engineer
MEDA Nasik

Sd/-
Divisional General Manager
MEDA Nasik

MAHARASHTRA ENERGY DEVELOPMENT AGENCY (MEDA), NASHIK

DESIGN, MANUFACTURE, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING WITH FIVE YEARS COMPREHENSIVE MAINTENANCE CONTRACT OF SOLAR HIGH MASTS - 40 NOS. IN AREA OF AMC, AHMEDNAGAR DISTRICT (Prabhag Nos. 4,6 9 & 10) IN THE STATE OF MAHARASHTRA.

1	Part - B	Separate duly filled soft copy of Excel file "BOQ" for financial bid		
---	-----------------	--	--	--

PART - B

Reference No . DGM/MEDA-NSK/SMH/A'NGR/2020-21/003

FINANCIAL BID

Name of the Firm: -----

Solar Mini High Masts

Financial offer for the Design, Supply, Installation, Commissioning, with 05 years warranty with Comprehensive maintenance of Solar LED Mini high Masts as per scope of work, Tech. requirement, Specifications & terms and conditions etc... of Technical Bid, of the tender.

Sr. No.	Place of Installation	No. of Solar LED Mini High Masts	Unit Rate (Rs)	Total Cost (Rs)
1.	Various locations in 26 villages in Parner taluka in Ahmednagar district	40 Nos.		
	Final Total Price in Words			

NOTES:

1. Certified that rates quoted above are as per the requirement, specification, scope, terms & condition mentioned in the e-tender document & its corrigendum (s), if any.
2. The rates are inclusive of all taxes & duties, storage, transportation up to site, insurance etc., and any other job required to properly execute the work.
3. Any techno commercial deviation / price escalation shall not be entertained / allowed.
4. This offer shall remain valid for acceptance for 6 Months from the date of opening of financial bid of e-tender.

(Signature of Bidder)
With seal

To be uploaded in Part B.

Other document / condition / any deviation, terms if enclosed will liable to be rejection of bid.