

Command Area Development Authority Haryana

Notice Inviting E-Tender

Command area development authority Haryana invites E-tenders on turnkey basis for the following work at an estimated cost of Rs.216.75 lacs (lump-sum cost including all taxes, duties, labour-cess, vat charges, GST, costs etc.): -

Sr. No.	Name of work	Fee	Dates
1.	"Planning, Design, Supply, Installation, Testing, Commissioning and Comprehensive Operation & Maintenance for 3 Years of Community Based Solar Powered Integrated Micro-Irrigation Scheme in Village Keorak Pond of district Kaithal– EPC towards successful commissioning plus 1 year of assured performance demonstration after commissioning and comprehensive O&M of the schemes for 3 years thereafter"	Bid Document Fee Rs.15000/- EMD: Rs.04.34 lacs	i. Online Sale of Bid Document: 30-12-2020 9:00AM onward ii. Last date of submission of online Bids : 21-01-2021 upto 9.00AM iii. Technical Bid opening Date: 21-01-2021 at 01:00PM

For further details visit website <https://etenders.hry.nic.in>

**Executive Engineer,
CAD Division,
Kaithal**

Command Area Development Authority Haryana

Detailed Notice Inviting E-Tender

Executive Engineer, CAD Division Kaithal, Command Area Development Authority (CADA), Haryana invites online bids from eligible bidders through e-tendering, on behalf of Governor of Haryana, for the following Work on Lump-Sum Turnkey basis, as per the scope of work mentioned hereinafter: -

Description of Work	Estimated Cost (Rs.in Lac)	Completion Period	Cost of Bid Document (in Rs)	E/Money Deposit (Rs.in Lac)
"Planning, Design, Supply, Installation, Testing, Commissioning and Comprehensive Operation & Maintenance for 3 Years of Community Based Solar Powered integrated Micro-Irrigation Scheme in Village Pond Keorak of district Kaithal – EPC towards successful commissioning plus 1 year of assured performance demonstration after commissioning and comprehensive O&M of the scheme for 3 years thereafter"	216.75	8 Months	15,000/-	04.34

2. **Brief Scope of work: -**

The brief scope of work shall include, but not limited to, the following:

- 2.1 Planning, Design, engineering, manufacturing, supply, transportation, unloading, storage, erection/installation, testing, commissioning, assured performance demonstration for 1 year after commissioning and comprehensive operation & maintenance (O&M) for 3 years thereafter of the community based Solar powered Integrated Micro Irrigation system in village Pond Keorak of district Kaithal covering total CCA of about 110 ha. (as per the details provided in Section 6 of the Bid Document).
- 2.2 Collection/preparation of Index maps of the command area covered under the contract indicating the existing roads, structures, T/wells, and all other important features.

- 2.3 Survey and preparation of contour maps for the command area and collection of all the field data relating to rainfall, climatic conditions, soil, ground water, cropping pattern/crop yields, farmers' holdings, schedule of running of water in POND, as may be required for proper planning, design, installation & operation of the complete Integrated Micro Irrigation System.
- 2.4 Preparation of detailed plans and designs and detailed Bill of Quantities of various items involved based on such designs for the complete Micro irrigation system including the Sedimentation Tank/Floating Structure, HDPE Pipeline network, installation of Drip/Mini Sprinkler System and the solar pumping set(s), and construction/supply/installation thereof, in POND site as per the design criteria/guidelines provided in the Bid Document and the site specific requirements and as per the directions of the Engineer in-charge.
- 2.5 Design, procurement, supply, installation, testing and commissioning of the Solar PV Water Pumping Systems consisting of the following components: -
 - 2.5.1 Solar panels mounted on suitable structures.
 - 2.5.2 All power conditioning systems including junction boxes, Invertors/PCUs, DC & AC circuit breakers, electronic protections, interconnect cables etc.
 - 2.5.3 Submersible/floating motor pumping sets as per the technical specifications.
 - 2.5.4 Filtration units comprising Hydro Cyclone filters, Sand filters and Disc filters on the pumping systems.
 - 2.5.5 Procurement Supply, Installation testing And commissioning of Micro Irrigation system (Drip/Mini Sprinkler set complete in all respect) for the area mentioned in section 6.
- 2.6 Design, procurement, supply, laying, jointing, testing and commissioning of the HDPE Pipeline Networks including all associated fittings/accessories and hydrant assemblies/valves as per the technical specifications.
- 2.7 Supply and erection of the wild animal control chain link Mesh Fencing.
- 2.8 All associated civil engineering works including design, site grading, cutting, filling, leveling & compaction as may be required for construction of foundation & mounting structures for SPV Panels, filters, fencing/gate, laying of HDPE Pipelines etc.

- 2.9 Demonstration of performance of the IMI Systems in POND command including defects liability for one year after commissioning as per the tender requirement.
- 2.10 Comprehensive operation & maintenance of the complete MI Systems for 3 years after successful commissioning and demonstration of performance for one year including supply and storage of all spare parts, consumables, repairs/replacement of any defective equipment etc.
- 2.11 Obtaining all associated statutory and regulatory compliances and approvals for successful and timely installation, commissioning and operation of the MI systems.
- 2.12 Identification of training needs of the farmers, preparation of training modules on various subjects concerning operation and maintenance of the Integrated Micro Irrigation System, Solar array & pumping systems and cropping pattern etc., and providing necessary training to the farmers as per the identified needs.

3. Availability of Bid Document: -

Bid document can be downloaded from the e-procurement website <https://etenders.hry.nic.in> against payment of non-refundable cost of bid document of Rs. 15000/- payable online in electronic format. The processing fee shall be deposited online in electronic format i.e. in favour of **Supplies and Disposal Department or as applicable**. Scanned copies of the instruments for payment of the Bid Document cost and the Earnest Money Deposit will be uploaded with the online bid in Cover-I. Interested Bidders may view, download the Bid Document and submit their bid online up to the date & time mentioned in the table below.

4. Pre-Bid Meeting: -

Pre-Bid meeting shall be held in the office of Superintending Engineer, CAD Circle, Kaithal on 11-01-2021 at 11:00 AM. Prospective Bidders may attend the meeting for any clarification and/or making any suggestion regarding qualification criteria and technical specifications.

5. Key Dates:-

Sr. No.	Activity	Start Date & Time	Expiry Date & Time
1	Bid Document Download &	30-12-2020 9:00 AM	21-01-2021 12:00

	Online Bid Submission		Noon
2	Manual Submission of Bid Document Cost and EMD	21-01-2021 9:00 AM	21-01-2021 12:00 PM
3	Pre-Bid Meeting	11-01-2021 11:00 AM In the office Room of Superintending Engineer, CAD Circle, Kaithal.	
3	Technical Bid Opening	21-01-2021 01:00 PM	
4	Financial Bid Opening	To be intimated later after evaluation of Technical Bids	

6. Eligibility and Qualification Criteria of Bidders:-

Bidding shall be open to all the eligible bidders as defined under clause 3 of the Instructions to Bidders (Section-I of the Bid Document) and meeting the Qualification criteria stipulated therein under clause 4.2.

7. Bid Submission: -

7.1 The Bid shall be submitted online by the Bidder in the following three separate Parts/covers:-

(a) **Cover I – Fee (Earnest Money Deposit and Bid Document Cost):** The earnest money and tender fee amount shall be deposited online in electronic format towards the cost of tender form shall be mentioned online. The processing fee shall be deposited online in electronic format i.e. in favour of **Supplies and Disposal Department or as applicable.**

(b) **Cover II – Technical Bid:** Bid Form with Qualification information in the forms provided along with scanned copies of the relevant documents and technical proposals as defined under clause 4.1 of the Instruction to the Bidders (ITB).

(c) **Cover III – Financial Bid :** Price Bid in the form of BOQ provided mentioning the Lump Sum cost (including all Central/State/local taxes, duties, labour cess, VAT, GST, any other charges and costs etc.) along with detailed price breakup for all the components involved.

7.2 Bidders are advised to study the Bid Document carefully and to visit the sites of the work before submitting their bids. Submission of online Bids shall be deemed to have been done after careful study and examination of the scope of the work, site conditions, procedures, terms and conditions stipulated in the

Bid Document with full understanding of all the relevant aspects. The bidder should also conduct the survey and meet the farmers of the chak to get their consent regarding installation of Drip or Mini Sprinkler in the field of a farmer according to their rabi & kharif crops pattern and quote the rates accordingly along with copy of consent in financial envelop online..

- 7.3 All the prospective bidders are required to possess digital signature certificate (DSC) through any certifying authority designated by the Govt. of India and enroll themselves and DSC on the website. Bidders may seek help specifically provided for contractors on the e-tender portal for submission process of the bids and the bidder will be solely responsible for any error in online submission of the bid.
- 7.4 No modification/withdrawal of the Bids shall be permitted after expiry of the deadline for online bid submission.
- 7.5 All the Bidders will have to compulsorily give complete address, telephone, mobile numbers and e-mail Id. The e-mail Id will be considered as primary means of communication.
- 7.6 If bid receiving (manual part only)/opening day happens to be a holiday, bids will be received/opened on the next working day at the same time and venue.
- 7.7 Conditional bids are liable to be rejected out rightly at the discretion of the competent authority. In the alternative, competent authority may consider the conditions as null and void and make a counter offer to the bidder to do the work at the quoted price without conditions.
8. **Bid Opening: -**
- 8.1 The Bids will be opened in the presence of bidders or their duly authorized representatives who may like to be present.
- 8.2 In the first instance, the Cover I of all the Bidders containing the Bid Document cost and EMD shall be opened online. The Cover II containing the Technical Bid of those Bidders whose Bid Document cost and the EMD, received online are found proper and in order shall only be opened. Bids not accompanied with the Bid Document Cost and/or the Earnest Money Deposit shall be summarily rejected.
- 8.3 Financial Bids in Cover III shall be opened online in respect of those Bidders only who are found to meet the stipulated Qualification criteria on scrutiny/evaluation of their Technical bids. Date of opening of the Financial

bids shall be fixed and communicated to the Bidders found to be technically qualified after opening and evaluation of the Technical bids.

9. Competent authority is not under any obligation to accept the lowest bid and reserves the right to reject any or all of the bids or to cancel/withdraw the Notice Inviting Tenders without assigning any reason and in such case no bidder/intending bidder shall have any claim whatsoever arising out of such action.
10. The bid shall be valid for 90 days from the date of opening of the financial bids.
11. Any further details of the work can be seen in the office of the Executive Engineer, CAD Division, Kaithal on any working day.
12. The Contractor shall execute the whole and every part of the work in the most substantial and satisfactory manner and both as regards materials and otherwise in every respect, in strict accordance with the approved designs, drawings and specifications. The specification of works, material, and methodology of execution with Quality Assurance Plan, preliminary drawings/design shall be signed by the Contractor and Engineer while executing agreement and shall form part of agreement.
13. The jurisdiction of court will be at Kaithal.