



**IRRIGATION AND WATERWAYS DIRECTORATE
GOVERNMENT OF WEST BENGAL**

METROPOLITAN DRAINAGE MECHANICAL DIVISION

***[Invitation for Expression of Interest/ First stage of
two –stage Bidding]***

EOI No WBIW/EE/MDMD/EOI-03(e)/2021-22

S.No.	Particular	Details
1.	Start date of issuance / download of EOI document	27.08.21
2.	Last date for Submission of Queries	02.09.21
3.	Pre-Bid Conference	03.09.21
4.	Issue of Corrigendum	07.09.21
5.	Last date for issuance / sale of EOI Document	10.09.2021
6.	Last date and time for EOI Submission	13.09.2021

NAME OF THE WORK :

"Designing ,Supplying, Installing, Commissioning and testing of SCADA system for real time monitoring of 13 nos drainage pumping Station in and around Kolkata under Irrigation & Waterways Department ,Got of West Bengal during the year 2021-22".

EXECUTING DIVISION: Metropolitan Drainage Mechanical division

YEAR: 2021-22

1.0 Invitation for EOI / First stage of two-stage Bidding

The Executive Engineer, Metropolitan Drainage Mechanical Division invites EOIs from prospective bidders ('Bidders') for the work “ **Designing ,Supplying, Installing, Commissioning and testing of SCADA system for real time monitoring of 13 nos drainage pumping Station in and around Kolkata under Irrigation & Waterways Department ,Govt of West Bengal during the year 2021-22**”. The successful Bidder will carry out the scope of work in accordance with the specifications provided in a detailed Request for Proposal (RFP) document which will be brought out by the Executive Engineer, Metropolitan Drainage Mechanical Division , subsequently. Executive Engineer, Metropolitan Drainage Mechanical Division, now seeks EOI from Bidders of repute for the above work from Bidders who meet the pre- qualification criteria specified in this document will be short-listed for the issue of a detailed RFP.

2.0 Introduction to the project

Irrigation & Waterways Department, Govt of West Bengal has undertaken the measures for irrigation, control, conservation and utilization of water resources throughout the state. In addition to that, Department has to maintain flood & drainage congestion. It has been maintaining 10400 KM of river embankment & 8300 KM of drainage channel in urban, semi urban and rural area. In addition to that this department maintaining 11 nos major drainage pumping stations.

The department intends to implement the real time monitoring of drainage pumping station and intake water level and discharge of each pumping system .

3.0 Indicative scope of work

- 3.1 Continuous monitoring of the pumps and the level of intake canal to avoid any flood situation due o heavy rain .
- 3.2 Information may be collected from the cloud based system through the desktop /Laptop and mobile phones.
- 3.3 Data(s) can be analyzed using graphical trend view, alarm view, animated process view, report view etc.
- 3.4 Industrial GSM-RTU feature with build in and advanced GSM /GPRS/SMS feature.
- 3.5 Vibration monitoring system may also included in the system, which is key component of condition monitoring programme for rotating equipments.
- 3.6 Data transmission system may be realized by means of wireless communication system.

5.0 Instructions to Bidders

- 5.0.1 Bidders are advised to study all instructions, forms, terms, requirements and other information in the EOI documents carefully. Submission of the bid shall be deemed to have been done after careful study and examination of the EOI documents with full understanding of its implications.
- 5.0.2 The response to this EOI should be full and complete in all respects. Failure to furnish all information required by the EOI documents or submission of a proposal not substantially responsive to the EOI documents in every respect will be at the Bidder's risk and may result in rejection of its proposal.
- 5.0.3 For better understanding of work , brief description of work as per our preliminary assessment and list containing pumping station and their location are given as separate sheet as appendix -4 & 5. In this stage bidder are requested to propose their work description , without quoting rate , so that in 2nd stage their financial bid may be evaluated on equal footing.

5.1 EOI proposal preparation costs & related issues

- 5.1.1 The Bidder is responsible for all costs incurred in connection with participation in this process, including, but not limited to, costs incurred in conduct of informative and other diligence activities, participation in meetings/discussions/presentations, preparation of proposal, in providing any additional information required by the Purchaser to facilitate the evaluation process, unless explicitly specified to the contrary .
- 5.1.2 Purchaser will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
- 5.1.3 This EOI does not commit Purchaser to award a contract or to engage in negotiations. Further, no reimbursable cost may be incurred in anticipation of award or for preparing this EOI, unless explicitly specified to the contrary .
- 5.1.4 All materials submitted by the Bidders will become the property of Purchaser and may be returned completely at its sole discretion.

5.2 Pre-bid Meeting

- 5.2.1 Superintending Engineer ,Mechanical & Electrical Circle , Kolkata shall hold a pre-bid meeting with the prospective Bidders on **<03.09.2021 at 15:00 Hrs > at <O/O Superintending Engineer ,Mechanical & Electrical Circle , Kolkata ,6 th Floor ,Jalsampad Bhawan, Salt Lake City ,Kolkata-91>** The Bidders will ensure that their queries with regard to the EOI, to be addressed by the Purchaser during the Pre-Bid meeting shall reach by post, facsimile or email on or before **<02.09.2021 at 14:00 Hrs >** to the officer whose details are provided below (Nodal Officer):

Executive Engineer
Metropolitan Drainage Mechanical Division
Jalasampad Bhawan (4th floor), Salt Lake City, Kolkata-91
Telephone No-03323345768, Email Id: ee-metromecdvn@wbiwd.gov.in
[/mdmdiwd@gmail.com](mailto:mdmdiwd@gmail.com) ,Mobile No- 9476155032/ 9875503310

5.3 Responses to pre-bid queries and issue of corrigendum

- 5.3.1 The Nodal Officer notified by the EOI issuing authority will endeavour to provide timely response to all queries. However, Purchaser makes no representation or warranty as to the completeness or accuracy of any response made in good faith.
- 5.3.2 At any time prior to the last date for receipt of bids, Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the EOI document by issuing a corrigendum.
- 5.3.3 The corrigendum (if any) & clarifications to the queries from all Bidders will be posted on the [<https://wbtenders.gov.in >](https://wbtenders.gov.in), ([www. www.wbiwd.gov.in](http://www.wbiwd.gov.in)) and emailed to all participants of the pre -bid conference.
- 5.3.4 Any such corrigendum shall be deemed to be incorporated into this EOI.
- 5.3.5 In order to afford prospective Bidders reasonable time in which to take the corrigendum into account in preparation of their bids, Purchaser may, at its discretion, extend the last date for the receipt of EOI Bids .

5.4 Right to terminate the EOI process

- 5.4.1 EOI issuing authority may terminate the EOI process at any time without assigning any reason. EOI issuing authority makes no commitments, expression or implied that this process will result in a business transaction with anyone.
- 5.4.2 This EOI does not constitute an offer by the Purchaser. The Bidder's participation in this process may result in Purchaser short listing the Bidder to submit a complete technical and financial response at a later date.

5.5 Submission of responses

<Option 1: In case of Online Submission on e-Procurement portal>

Bidders should submit their responses to an EOI as per the procedure specified in the e - Procurement portal (*specify URL*) being used for this purpose. *Generally, the items to be uploaded on the portal would include all the related documents mentioned in this EOI , such as:*

- Tender Fee (in this case , no EMD is required)
- Pre-qualification response
- Additional certifications/documents Eg. Power of Attorney, CA certificates on turnover, etc.

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However, each of the above documents must be uploaded in the format specified for this purpose and as per the specified folder structure in the e-Procurement portal.

The bidder must ensure that the bid is digitally signed by the Authorized Signatory of the bidding firm and has been duly submitted (freezed) within the submission timelines. The Department will in no case be responsible if the bid is not submitted online within the specified timelines.

All the pages of the Proposal document must be sequentially numbered and must contain the list of contents with page numbers. Any deficiency in the documentation may result in the rejection of the Bidder's Proposal.

OR

<Option 2: In case of physical submission of bids at office of Executive Engineer >

- a. Bids shall be submitted in a single sealed envelope and superscripted <Name of the Work > and <Reference EOI No.>. This envelope should contain two hard copies of EOI proposal marked as "First Copy" and "Second Copy" and one soft copy in the form of a non-rewriteable Compact Disc (CD). CD media must be duly signed using a permanent pen/ marker and should bear the name of the Bidder.
- b. Bids shall consist of supporting proofs and documents as defined in the Pre - qualification section.
- c. Bidder shall submit all the required documents as mentioned in the Appendix including various templates (Form 1 to Form 3). It should be ensured that various formats mentioned in this EOI should be adhered to and no changes in the format should be done.
- d. Envelope should indicate clearly the name, address, telephone number, Email ID and fax number of the Bidder.
- e. Each copy of the EOI should be a complete document and should be bound as a volume. The document should be page numbered, must contain the list of contents with page numbers and shall be initialed by an authorized representative of the Bidder.
- f. Different copies must be bound separately.
- g. Bidder must ensure that the information furnished by him / her in respective CDs is identical to that submitted by him in the original paper bid document. In case any discrepancy is observed by the authority in the contents of the CDs and original paper bid documents, the information furnished on original paper bid document will prevail over the soft copy.
- h. EOI document submitted by the Bidder should be concise and contain only relevant information as required under the EOI Bids shall consist of

[Expression of Interest/ First Stage of Two Stage bidding]

supporting proofs and documents as defined in the Pre - qualification section.

[Expression of Interest/ First Stage of Two Stage bidding]

- h. Bidder shall submit all the required documents as mentioned in the Appendix including various templates (Form 1 to Form 3). It should be ensured that various formats mentioned in this EOI should be adhered to and no changes in the format should be done.
- i. Envelope should indicate clearly the name, address, telephone number, Email ID and fax number of the Bidder.
- j. Each copy of the EOI should be a complete document and should be bound as a volume. The document should be page numbered, must contain the list of contents with page numbers and shall be initialed by an authorized representative of the Bidder.
- k. Different copies must be bound separately.
- l. Bidder must ensure that the information furnished by him / her in respective CDs is identical to that submitted by him in the original paper bid document. In case any discrepancy is observed by the Purchaser in the contents of the CDs and original paper bid documents, the information furnished on original paper bid document will prevail over the soft copy.
- m. EOI document submitted by the Bidder should be concise and contain only relevant information as required under this EOI.

5.6 Bid submission format

The entire proposal shall be strictly as per the formats specified in this EOI and any deviation may result in the rejection of the Bidder's EOI proposal.

5.6.1 Venue and deadline for submission

<Option 1: In case of Online Submission on e-Procurement portal>

In case of e-Procurement, the response to EOIs must be submitted on the eProcurement portal (specify URL) by the date and time specified for the EOI. Any proposal submitted on the portal after the above deadline will not be accepted and hence shall be automatically rejected. Purchaser shall not be responsible for any delay in the submission of the documents.

OR

<Option 2: In case of physical submission of bids at office of Purchasing Dept.>

5.6.1.1 Proposals must be received at the address specified below latest by: **< 13.09.2021 at 13:00 Hrs > at <O/O Executive Engineer, Metropolitan Drainage Mechanical Division ,4th Floor,Jalsampad Bhawan,Kolkata-91 >.**

5.6.1.2 Any proposal received by the Purchaser after the above deadline shall be rejected and returned unopened to the Bidder.

- 5.6.1.3 The bids submitted by telex/telegram/fax/e -mail¹ etc. shall not be considered. No correspondence will be entertained on this matter.
- 5.6.1.4 Purchaser shall not be responsible for any postal delay or non-receipt/ non-delivery of the documents. No further correspondence on the subject will be entertained.
- 5.6.1.5 Purchaser reserves the right to modify and amend any of the above-stipulated condition/criterion depending upon project priorities vis -à-vis urgent commitments.

5.6.2 Short listing criteria

- 5.6.2.1 Purchaser will shortlist Bidders who meet the pre-qualification criteria mentioned in this EOI.
- 5.6.2.2 Any attempt by a bidder to influence the bid evaluation process may result in the rejection of its EOI proposal.

5.6.3 Evaluation Process

- 5.6.3.1 Superintending Engineer, Mechanical & Electrical Circle, Kolkata will constitute a committee to evaluate the responses of the Bidders in response to this EOI document (Tender Committee).
- 5.6.3.2 The Tender Committee constituted by the Superintending Engineer, Mechanical & Electrical Circle, Kolkata shall evaluate the responses to the EOI and all supporting documents & documentary evidence. Inability to submit requisite supporting documents or documentary evidence, may lead to rejection of the Bidder's EOI proposal.
- 5.6.3.3 Each of the responses shall be evaluated to validate compliance of the Bidders according to the pre-qualification criteria, forms and the supporting documents specified in this EOI document.
- 5.6.3.4 The decision of the Tender Committee in the evaluation of responses to the EOI shall be final. No correspondence will be entertained outside the evaluation process conducted by the Purchase Committee.
- 5.6.3.5 The Tender Committee may ask for meetings with the Bidders to evaluate its suitability for the assignment
- 5.6.3.6 The Tender Committee reserves the right to reject any or all proposals.

5.7 Pre-qualification evaluation criteria

#	Basic requirement	Specific requirements	Documents required
1	Legal Entity	<ul style="list-style-type: none"> - Should be a company registered under the provisions of the Indian Companies Act, 2013 or a partnership firm registered under the Indian Partnership Act, 1936 or the Limited Liability Partnerships Act, 2008. - Registered with the GST authorities . - Should have been operating for the last three years. 	<ul style="list-style-type: none"> - Certificate of incorporation / Partnership deed - GST registration - Certificate of commencement of business (if applicable)
2	Board resolution / Power of attorney in favour of authorised signatory	A board resolution OR power of attorney in the name of the person executing the bid, authorizing the signatory to commit the Bidder.	Board resolution; OR Power of attorney with appropriate supporting documents
3	Sales turnover from system	Annual sales turnover generated from services related to system integration during each of the	Extracts from the audited balance sheet

#	Basic requirement	Specific requirements	Documents required
	integration	<p>last three financial years (as per the last published Balance sheets), should be at least INR <value in numbers and words>.</p> <p>This turnover should be on account of Information Communication Technology (ICT) systems development and implementation (i.e. revenue should be on account of system integration/turnkey solutions or products and their associated maintenance or implementation services, packaged software etc.) only.</p>	<p>and profit & loss; OR Certificate from the statutory auditor</p>
6	Technical capability	<p>Bidder must have successfully completed at least the following numbers of ICT system development and implementation engagement(s) of value specified herein :</p> <ul style="list-style-type: none"> - One project of similar nature not less than the amount <value equal to 80% of estimated cost>; OR - Two projects of similar nature not less than the amount equal <value equal to 60% of estimated cost>; OR - Three projects of similar nature not less than the amount equal <value equal to 40% of estimated cost> <p>[Refer: Section 1.4.4 of “Guidance Notes: Model RFP Templates for Implementation Agencies” for more information under this section]</p>	<p>Completion certificates from the client; OR</p> <p>Work order + Self certificate of completion (Certified by the statutory auditor);</p> <p>OR</p> <p>Work Order + Phase Completion Certificate from the client</p>
8	Debarment	<p><i>Debarment</i> should be used as a mandatory Pre-Qualification criterion to restrict organizations that have been either debarred by the tendering department for breach of ethical conduct or fraudulent practices, etc. as specified in <i>Rule 151 of GFR</i>.</p>	<p>Self Certified letter that the bidder (or any of its successor) is not in the active debarred list published by:</p> <p>a) Central/ State Public Procurement Portal; and</p>

#	Basic requirement	Specific requirements	Documents required
			Department
[Optional PQ criteria]			
9	Manpower strength		Self-certification by the authorized signatory with clear declaration of staff.
12	Power of attorney in favour of the lead member	In case of consortium, the members shall submit a power of attorney in favour of the lead member. [Optional: In case of the Bidders are allowed to bid as a consortium, the members should submit a power of attorney in favour of the lead member.]	Power of attorney

*[Note: The endeavour of the EOI/1st Stage is to have serious Bidders, who can help the Nodal Agencies in conceptualization of scope of work & other areas of the RFP for procurement of SI Vendor. However in case it is expected that more than 8 Bidders would be able to meet the eligibility criterion, additional criteria may be kept in such circumstances to restrict this list to the best 8 contenders. It may be noted that the additional criteria may be added **ONLY** when more than 8 Bidders are expected to bid and qualify the abovementioned criteria.*

5.8 Technical evaluation criteria

Basic requirements	Specific requirements	Marks allocated	Evaluation criteria
Understanding of Bidders	Suggested solutions (one or more than one)	10	Minimum of 5 marks for the suggested solution, which will be evaluated on : 1) Feasibility 2) Solution proposed as a stack 3) Technologies proposed 4) Demonstration of robustness of the proposed solution
	Bidder's experience in "Similar" projects (for which work order / completion certificates can be provided)	60	Minimum of 45 marks based on qualitative assessment on : 1) Solution implemented as a stack 2) Technologies used 3) Scale of implementation 4) Learning on Issues 5) Challenges, 6) Client References
	Bidder's competence	30	Minimum of 15 marks based on qualitative assessment on : 1) Research work/centers of excellence 2) Patents 3) Assets in the given project's domain

Appendix I: Bid submission forms

The Bidders are expected to respond to the EOI online on the e-Procurement portal by providing all documents supporting pre-qualification / EOI criteria.

Proposal / pre-qualification bid shall comprise of following forms:

Form 1: Covering letter with correspondence details

Form 2: Details of the Bidder's operations and IT implementation business

Form 3: Compliance sheet for pre-qualification criteria

**Executive Engineer
Metropolitan Drainage Mechanical Division
Irrigation & Waterways Directorate**

Form 1: Covering letter with correspondence details

<Location, Date>

<Name of the Nodal Officer>

<Address of the EOI Issuing

Authority >Dear Sir,

We, the undersigned, offer to provide the IT Implementation services for <<Name of the Assignment>>

Our correspondence details with regard to this EOI are:

#	Information	Details
1	Name of the Contact Person	<<Insert Name of Contact>>
2	Address of the Contact Person	<<Insert Address>>
3	Name, designation and contact, address of the person to whom, all references shall be made, regarding this EOI.	<<Insert Name of Contact>>
4	Telephone number of the Contact Person.	<<Insert Phone No.>>
5	Mobile number of the Contact Person	<<Insert Mobile No.>>
6	Fax number of the Contact Person	<<Insert Fax No.>>
7	Email ID of the Contact Person	<<Insert Email>>
8	Corporate website URL	<<Insert Website URL>>

We are hereby submitting our Expression of Interest (EOI) in both printed format (2 copies) and as a softcopy in a CD. *[In case of online submission only, this line will need to be modified accordingly.]* We understand you are not bound to accept any proposal you receive.

We understand and agree to comply that on verification, if any of the information provided here is found to be misleading the EOI process or unduly favours our company in the short listing process, we are liable to be dismissed from the selection process or termination of the resultant contract during the project.

We hereby declare that our proposal submitted in response to this EOI is made in good faith and the information contained is true and correct to the best of our knowledge and belief.

For and on behalf of <<Legal name of bidding entity>>

<<Authorised Signatory's signature affixed with corporate seal>>

Name: <<Insert Name of Contact>>

Title: <<Insert Name of Contact>>

Signature: <<Insert Signature>>

Form 2: Details of the bidder's operations and IT implementation business

#	Information sought	Details to be furnished
A	Name and address of the bidding company	
B	Incorporation status of the firm (public limited / private limited, etc.)	
C	Year of establishment	
D	Date of registration	
E	Registrar of Companies (ROC) reference no.	
F	Details of company registration	
G	Details of registration with appropriate authorities for service tax	
H	Name, address, email, phone nos. and mobile number of contact person	

Form 3: Compliance sheet for pre-qualification criteria

#	Basic requirement	Documents required	Provided (Yes/No)	Reference & page number
1	Legal Entity	Copy of Certificate of Incorporation; and Copy of Service Tax Registration Certificate		
2	Sales turnover in system integration	Extracts from the audited balance sheet and profit & loss; OR Certificate from the statutory auditor		
3	Board of resolution OR Power of attorney	Board resolution OR Power of attorney		
4	Sales turnover	Certificate from the statutory auditor		
5	Net worth	Certificate from the statutory auditor		
6	Technical capability	Completion certificates from the client; OR Work order + Self certificate of completion (Certified by the statutory auditor); OR Work order + Phase completion certificate from the client		
7	Certifications	Copy of certificate		
8	Debarment	A self-certified letter		
Optional				
1	Manpower strength	Self-certification by the authorized signatory		
2	Power of attorney in favour of lead member	Power of attorney in favour of lead member		

EOI No. WBIW/EE/MDMD/EOI-03 (e)/2021-22

Memo No: 1012/1 (6)/2B-4

Date: 24.08.2021

Copy forwarded for information and taking necessary action please for wide publication to :-

1	The Chief Engineer, Mech & Elect , I&W Directorate, 2 nd Floor, Jalsampad Bhawan ,Govt of West Bengal.
2	The Superintending Engineer, Mechanical & Electrical Circle ,Kolkata, 6 th Floor, Jalsampad Bhawan I&W Dte.
3	The Superintending Engineer, Investigation and Planning -I, 3 rd Floor, Jalsampad Bhawan I&W Dte.
4	The Executive Engineer, Metropolitan Electrical Division,4 th Floor ,Jalsampad Bhawan ,Kolkata-91
5	The Executive Engineer, DVC Study Cell, Irrigation & Waterways Department Jalsampad Bhawan, 7th Floor, Salt Lake City, Kolkata-700091
6	Office Notice board.

**Executive Engineer
Metropolitan Drainage Mechanical Division
Irrigation & Waterways Directorate**

