

**Government of West Bengal  
Irrigation & Waterways Directorate  
Office of the Executive Engineer  
Metropolitan Drainage Mechanical Division  
Jalasampad Bhawan (4<sup>th</sup> floor), Salt Lake City, Kolkata-91  
Email: mdmdiwd@gmail.com**

Memo No: 1719 /1T-1

Dated: 05/12/2024

**Notice Inviting  
Expression of Interest (EOI) for Budgetary Quotation**

**EOI No.: WBIW/EE/MDMD/e-EOI-08/2024-25**

*For the work of*

**“Supply, installation, testing and commissioning of new 10 M.T. capacity single girder Semi-EOT crane along with fixing of DSL system at Chowbhaga Pumping Station(old), at Paschim Chowbhaga, P.S: Anandapur, Dist. South 24 PGS.”**

| Sl No | Particulars                                     | Date & time               |
|-------|---|---------------------------|
| 01    | Start Date of download/issuance of EOI Document | 05.12.2024                |
| 02    | Pre bid meeting                                 | 13.12.2024                |
| 03    | Last Date and time for Submission of EOI        | 30.12.2024 upto 17.00 HRS |
| 04    | Date of opening of EOI                          | 31.12.2024                |

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SECTION – I

NOTICE INVITING EXPRESSION OF INTEREST (EOI) FOR BUDGETARY  
QUOTATION

EOI No.: WBIW/EE/MDMD/EOI-08/2024-25

Off line/online Expression of Interests (EOI) is being invited from eligible Indian Firms or Companies by the Executive Engineer, Metropolitan Drainage Mechanical Division, Irrigation & Waterways Directorate on behalf of the Governor of West Bengal for obtaining budgetary quotes for preparation of detailed estimate for execution of the following project:

Name of work: **“Supply, installation, testing and commissioning of new 10 M.T. capacity single girder Semi-EOT crane along with fixing of DSL system at Chowbhaga Pumping Station(old), at Paschim Chowbhaga, P.S: Anandapur, Dist. South 24 PGS.”**

The participants may submit their bid with all necessary documents along with the covering letter duly signed by an authorized signatory on or before 30.12.24 by 17.00 Hrs at the following address:

**Office of the Executive Engineer  
Metropolitan Drainage Mechanical Division  
Jalasampad Bhawan (4<sup>th</sup> floor), Salt Lake City, Kolkata-91  
Telephone No-03323345768, Email Id: mdmdiwd@gmail.com**

| Sl no | Activity                                     | Date & Time  |
|-------|--|--|
| 1     | Publishing Date                              | 05.12.2024 at 17:00 hours  |
| 2     | Date for download / issuance of EOI Document | The EoI document can be downloaded from <a href="http://www.wbiwd.gov.in">www.wbiwd.gov.in</a> from 05.12.2024 onwards |
| 3     | Pre bid meeting                              | 13.12.2024   |
| 4     | Last date and time for bid Submission        | <b>30.12.2024 at 17:00 Hrs.</b>  |
| 5     | Date of opening of EOI                       | <b>31.12.2024</b>  |
| 6     | Bid Security                                 | NIL  |

For any queries, bidder may contact this office before submission of offline bid at above address in office hours or email to ID: **mdmdiwd@gmail.com**

SECTION - II

**1.0 INTRODUCTION TO THE PROJECT:**

The Chowbhaga Pump House (Old) located at the outfall of T.P. Main Canal was commissioned in the year 1968. Since then it is under continuous operation. This Pump House plays a pivotal role in draining out storm water as well as drainage water from a vast area of East Kolkata viz Borough XII and some parts of Borough XI, X& VII Tollygunge Panchannagram (TP)main Canal system. There are 9 nos 50 cusec pumps are installed at the pump house. Every year, pre-monsoon maintenance is carried out of the pumps for proper performance during rainy season. It takes much higher time for maintenance by using existing manual operated overhead crane; as a result the maintenance work take higher time. Also due to high flow of plastics and other floating and submerged garbage in rain water, pumps get clogged and those require urgent maintenance to make the pump in operational condition. For this purpose EOT crane is essential to minimise the maintenance time, engagement of manpower and make the pumps ready for operation to handle storm and drainage water efficiently.

**1.1 LOCATION**

The existing Pumping Station is located at the outfall of T.P. Main Canal at Paschim Chowbhaga, P.S: Anandapur, Dist- 24 PGS(S), West Bengal.

**1.2 OBJECTIVE**

The objective of Supply, installation, testing and commissioning of new 10 M.T. capacity single girder Semi-EOT crane along with fixing of DSL system at Chowbhaga Pumping Stations to make the maintenance of pumps and motors more efficiently and also reduce the maintenance time and number of manpower required for maintenance and make the pumps ready for operation to handle storm and drainage water efficiently.

**2.0 BRIEF SCOPE OF THE PROJECT :**

1. Design, manufacture and supply of 10 M.T. capacity single girder Semi-EOT crane having hoisting and CT motion electrical and LT motion manual to be operated from floor by hand chain. Other technical parameters of the crane are mentioned separately.
2. Design, manufacture and supply of Power feeding arrangement along the longitudinal travel (**39 mtrs approx**) of the crane comprising of 4 line PVC shrouded type GI conductor with supporting brackets. Besides, one set of current collector for each crane shall be provided.
3. Installation and commissioning of new 10 M.T. capacity single girder Semi-EOT crane along with fixing of DSL system.

**Note: 1. The existing 10 M.T. H.O.T crane shall not be dismantled. It may be used as a reserve.**

**Note 2. The bidder should visit site and verify all dimensions, feasibility as required for installation of new EOT crane.**

**2.1 Technical Parameter of EOT crane:**

- i) Capacity: 10 M.T. (10000 kgs. )
- ii) Construction : Single beam girder
- iii) Span : 4150 mm approx.
- iv) Height of lift : From floor level to hook point height 4.3m
- v) Hoist motion : 2.0 – 3.0 M/Min, 12.5 HP motor or as per design
- vi) CT motion : 8-10 M/Min, 0.75 HP motor or as per design
- vii) Method of control: Hoisting and CT motion of the crane shall be operated by 4 way pendant push button switch having operating voltage of 110 V AC. LT motion shall be manual and to be operated from floor by hand chain.
  
- viii) Long travel: 39 mtrs.
- ix) Existing LT rail size: 50 mm square bar.
- x) Power supply: 415 V +/-10% 3 phase 50 cycles AC.
- xi) Class & duty: The crane shall be suitable for Class II (M-5) duty indoor operation as per IS: 807, IS: 3177 and IS: 3938 as and where applicable.

**2.2 OTHER REQUIRED FEATURES :**

- i) The hoist & CT motors shall be crane duty sq. cage induction motor, 40% CDF rating, class F insulated 150 starts / hour conforming to IS: 325.
- ii) Both hoist & CT motion shall be provided with AC electromagnetic disc brake
- iii) Suitable limit switches shall be provided in hoist and CT motion.
- iv) Four way pendant push button unit having operating facility of hoisting and CT movement shall be provided. This pendant unit shall be hung directly from the hoist panel.
- v) A protective cum control panel comprising of air break contactors, overload relays, HRC fuses and step down transformer shall be provided and fixed on the hoist block
- vi) The cross travel power feeding to the crane shall be by means of PVC copper festoon type flexible cable moving on cable rings on a stay wire.
- vii) An isolating switch to be supplied and fixed at one end of the bay.
- viii) The new crane to be supplied duly painted with one coat of red lead primer and two coats of synthetic golden yellow enamel paint prior to dispatch from OEM works.

### 3 ELIGIBILITY CRITERIA/PRE-QUALIFICATION

While submitting the proposal, the bidder shall ensure that the bidder meets the conditions of eligibility as described below:

| Sl no | Eligibility criteria          | Capability Assessment Documents                                  |
|-------|-------------------------------|--|
| 1     | Should be registered in India | IT Return<br>GST No. (If applicable)                             |
| 2     | Technical Credentials         | It is desirable to firm have executed in similar nature of works |

#### 4.0 INSTRUCTIONS TO BIDDERS

##### Submission of Application

The EoI document can be downloaded from [www.wbiwd.gov.in](http://www.wbiwd.gov.in) from 05.12.2024 onwards. Last date & time of submission of bid manually in drop box at office of Executive Engineer, Metropolitan Drainage Mechanical Division, is on 30.12.2024 till 17:00 Hours (IST).

No processing fee or bid security (EMD) is required during submission of the bid.

The applicant bidders/contractors are advised to carefully read all the 'Terms & Conditions' contained in this EoI. They should particularly go through the minimum desired Pre-qualification (PQ) works credential & financial eligibility criteria and satisfy them for all the mandatory eligibility requirements. Bidders desirous of participating in the EoI and should submit bids only if they fulfill the minimum PQ eligibility criteria and are in possession of all the required PQ Credential documents "in original".

This EoI is not an agreement and is neither an offer nor invitation by 'The Authority' to the prospective Bidders or any other person to allot the project. The information contained in this EoI or subsequently provided to Bidder, whether verbally or in documentary or any other form by or on behalf of the 'Authority' or any of its employees or advisors, is provided to Bidder on the terms and conditions set out in this EoI and such other terms and conditions subject to which such information is provided. The purpose of this EoI is to provide interested parties with information that may be useful to them in making their financial offers (Bids) pursuant to this EoI. This EoI includes statements, which reflect various assumptions and assessments arrived at by the 'Authority' in relation to the Project. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. This EoI may not be appropriate for all persons, and it is not possible for the 'Authority', its employees or advisors to consider the objectives, financial situation and particular needs of each party who reads or uses this EoI. The assumptions, assessments, statements and information contained in the Bidding Documents, especially the Project Report/data may not be complete, accurate, adequate or correct. Each Bidder should, therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements and information contained in this EOI and obtain independent advice from appropriate sources.

## [Expression of Interest / budgetary quotation]

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Information provided in this EoI to the Bidder(s) is on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The 'Authority' accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.

The 'Authority', its employees and advisors make no representation or warranty and shall have no liability to any person, including any Applicant or Bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this EoI or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the EoI and any assessment, assumption, statement or information contained therein or deemed to form part of this EoI or arising in any way for participation in this Bid Stage.

The 'Authority' also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Bidder upon the statements contained in this EoI.

The 'Authority' may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this EoI.

The issue of this EoI does not imply that the 'Authority' is bound to select a Bidder or to appoint the Selected Bidder/Consortium or Contractor, as the case may be, for the Project and the 'Authority' reserves the right to reject all or any of the Bidders or Bids without assigning any reason whatsoever.

The Bidder shall bear all its costs associated with or relating to the preparation and submission of their Bid including but not limited to preparation, documentation, scanning uploading, expenses associated with any demonstrations or presentations which may be required by the 'Authority' or any other costs incurred in connection with or relating to its Bid. All such costs and expenses will remain with the Bidder and the 'Authority' shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Bidder in preparation or submission of the Bid, regardless of the conduct or outcome of the Bidding Process.

I&WD reserve the right to verify all statements, information and documents submitted by the applicant in response to the EoI Document. Failure of the I&WD to undertake such verification shall not relieve the applicant of its obligations or liabilities hereunder nor will it affect any rights of I&WD there under.

The EoI document shall be submitted by the bidder duly signed on each page of the document. In case the proposal is submitted on the document downloaded from official website, the applicant shall be responsible for its accuracy and correctness as per the version uploaded by I&WD and shall ensure that there are no changes caused in the content of the downloaded document. In case of any discrepancy between the downloaded or photocopied version of the EoI document and the original EoI document issued by the I&WD, the latter shall prevail.

The right to suspend the short-listing process or part of the process to accept or reject any or all applications at any stage of the process and / or to modify the process or any part thereof at any time without assigning any reason therefore is reserved by I&WD without any obligation or liability whatsoever.

The bid document should be sealed in single envelope marked with the address, Name of work and EoI notice No., Last Date and Time of submission, Date and time of opening, name and address of the applicant.

## [Expression of Interest / budgetary quotation]

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The bid document should contain the following documents attached as annexure:

1. Cover Letter (as per Annexure-A/1)
2. Details of Representative from Bidder/Lead Member of Consortium (as per Annexure-A/2)
3. Technical Credentials of the Bidder and / or Consortium (Form-1)
4. Approach and Methodology being adopted by the Bidder and / or Consortium (Form-2)
5. BOQ details with Estimated cost in item rate (as per Form-3)

If the envelope is not sealed and marked as instructed above, this office assumes no responsibility for the misplacement or premature opening of the contents of the Proposal submitted. This office is not responsible for the non-receipt or delayed receipt of bid document send through courier or post.

Note: -

The envelope shall contain EoI document, signed copy of budgetary quotes along with Annexure in the prescribed format.

The Proposal shall be made in the Forms specified in this EoI Document. Any attachment to such Forms must be provided on separate sheets of paper and only information that is directly relevant should be provided. This may include photocopies of the relevant pages of printed documents.

EoIs received by this office after the specified time on the due date shall not be eligible for consideration and shall be summarily rejected.

Executive Engineer is not bound to accept any EoI and reserve the right to accept or reject any EoI, and reserve the right to annul the selection process and reject all EoI at any time prior to the award of the selection without assigning any reason(s) whatever and without thereby incurring any liability towards the affected participant(s) on this ground.

### 5.0 DECLARATION

I/We have completely read and hereby accept the scope of work, requirements, terms & conditions.  
Signature of bidders authorised

Representative with seal:

Full address

**Executive Engineer  
Metropolitan Drainage Mechanical Division**



[Expression of Interest / budgetary quotation]

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Memo No: - 1719/1(2) /1T-1

Date: 05.12.2024

Copy forwarded for information with a request to arrange for publicity in office Notice Boards under his jurisdiction: -

1. The Chief Engineer (M&E), 2<sup>nd</sup> Floor, Jalasampad Bhavan, I&W Directorate
2. The Superintending Engineer, Mechanical & Electrical Circle, 6<sup>th</sup> Floor Jalasampad Bhavan, I&W Directorate

**Executive Engineer**  
**Metropolitan Drainage Mechanical Division**

SECTION - III

ANNEXURE – A/1

Cover letter for Expression of Interest

To,  
The Executive Engineer  
Metropolitan Drainage Mechanical Division,  
Jalasampad Bhawan (4<sup>th</sup> floor), Salt Lake City, Kolkata-91  
Telephone No-03323345768, Email Id: mdmdiwd@gmail.com  
I & WD, Govt. of West Bengal

Sub: Submission of bid for obtaining Methodology, Technical Specification, BOQ and Budgetary Quote for the proposed work: **“Supply, installation, testing and commissioning of new 10 M.T. capacity single girder Semi-EOT crane along with fixing of DSL system at Chowbhaga Pumping Station(old), at Paschim Chowbhaga, P.S: Anandapur, Dist. South 24 PGS.”**

Dear Sir,

In response to the Invitation for Expressions of Interest (EoI) published on \_\_\_\_\_ bearing Ref. No. **WBIW/EE/MDMD/e-EOI-08/2024-25** ..... **“Supply, installation, testing and commissioning of new 10 M.T. capacity single girder Semi-EOT crane along with fixing of DSL system at Chowbhaga Pumping Station(old), at Paschim Chowbhaga, P.S: Anandapur, Dist. South 24 PGS.”**!

I / We acknowledge that Executive Engineer will be relying on the information provided in the Bid and the documents accompanying the Bid for recommendation of the most suitable Methodology, Technical Specification, BOQ and Budgetary quotes for the aforesaid Project, and we certify that all information provided therein is true and correct; nothing has been omitted which renders such information misleading; and all documents accompanying the Bid are true copies of their respective originals.

I / We shall make available to the Executive Engineer any additional information it may find necessary or require to supplement or authenticate the Bid.

I / We acknowledge the right of the Executive Engineer to reject our Bid without assigning any reason or otherwise and hereby waive, to the fullest extent permitted by applicable law, our right to challenge the same on any account whatsoever.

I / We declare that:

- a) I / We have examined and have no reservations to the Bidding Documents, including any Addendum issued by the Authority; and
- b) I / We do not have any conflict of interest in accordance with the EoI document; and

[Expression of Interest / budgetary quotation]

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I / We understand that you may cancel the Bidding Process at any time and that you are neither bound to accept any Bid that you may receive nor to invite the Bidders to Bid for the Project, without incurring any liability to the Bidders.

In the event of my / our being declared as the Recommended Bidder, I / we agree to enter into an Agreement in accordance with the documents that has been provided to me / us. We agree not to seek any changes in the aforesaid documents and agree to abide by the same.

I / We agree and understand that the Bid is subject to the provisions of the Bidding Documents. In no case, I / we shall have any claim or right of whatsoever nature if the Project / Agreement is not awarded to me / us or our Bid is not opened or rejected.

The estimated budgetary price has been quoted by me / us after taking into consideration all the terms and conditions stated in the EoI documents, our own estimates of costs including all direct and indirect tax liabilities and after a careful assessment of the site and all the conditions that may affect the project cost and implementation of the project.

I / We agree and undertake to abide by all the terms and conditions of the EoI document. In witness thereof, I / we submit this Bid under and in accordance with the terms of the EoI documents.

Yours faithfully,

(Signature, Name & Designation of the Authorized Signatory)

Date:

Place:

Name & Seal of Bidder

Details of Representative from Bidder/Lead Member of Consortium

| Part A : General Information of Bidding Companies/Agency                       |   |  |
|--|---|--|
| 1  | Name of the Company/Agency  |  |
| 2  | Type of Organization  |  |
| 3  | Address of the registered office of the company/Agency  |  |
| 4  | Year incorporated   |  |
| 5  | Address for communication   |  |
| 6  | Contact person:<br><br>Name<br>Designation<br>Phone No.<br>Fax No.<br>Mobile No.<br>Email address |  |
| General Information Subsidiary and Associated Companies (wherever applicable): |   |  |
| 1  | Name of the company   |  |
| 2  | Address of the registered office of the company/Agency  |  |
| 3  | Nature of Business  |  |
| 4  | Brief description of company (not more than 100 words)  |  |
| 5  | Any other information the bidder would like to include:   |  |
| Part B - Details of GST  |   |  |
| 1  | GST Registration No.  |  |
| 2  | LUT No. for zero rated supply   |  |

(Form-1)

Technical Credentials of the Bidder and / or Consortium

|  |  |
|--|--|
| Name of Client (End User) :                                  |  |
| Name of the Work :   |  |
| Nature of Work :   |  |
| Description of services performed by the company :           |  |
| Project Location :   |  |
| Name, e-mail ID, telephone no. and fax no. of client's       |  |
| Project Cost (Rs. in lakh)                                   |  |
| Start date and finish date of the services (month and year): |  |
| Brief description of the Work:                               |  |
| Notes:   |  |

- Use separate sheet for each Eligible Assignment.
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(Form-2)

DESCRIPTION OF APPROACH AND METHODOLOGY, RESPONDING TO THE EOI SCOPE

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A description of the approach, methodology and work plan for performing the assignment, including a detailed description of the proposed methodology and staffing for the assignment.

- ❖ Technical Approach and Methodology. {Please explain your understanding of the objectives of the assignment as outlined in the scope mentioned in the Expression of Interest (EoI) document, the technical approach, and the methodology you would adopt for implementing the tasks to deliver the expected output(s), and the degree of detail of such output. Please do not repeat/copy the EoI in here.}

Schedule of work for EoI No.: WBIW/EE/MDMD/e-EOI-08/2024-25

| Name of the work- "Supply, installation, testing and commissioning of new 10 M.T. capacity single girder Semi-EOT crane along with fixing of DSL system at Chowbhaga Pumping Station(old), at Paschim Chowbhaga, P.S: Anandapur, Dist. South 24 PGS." |  |          |      |                                  |                              |
|---|--|----------|------|----------------------------------|------------------------------|
| Sl.No.  | Description  | Quantity | Unit | Basic Rate/unit without GST (Rs) | Percentage of GST applicable |
| 1   | Design, manufacture, supply, installation, testing & commissioning of 10 M.T. capacity x 4.15 meters span approx. and lift as per site requirement single girder semi-EOT crane with hoisting and CT motion electrical and LT motion manual to be operated from floor by hand chain including design, manufacture and supply, testing and commissioning of power feeding arrangement of approx length 39 mtr along the longitudinal travel of the crane comprising of 4 line PVC shrouded type GI conductor with supporting brackets. The crane shall be suitable for Class II ( M-5) duty indoor operation as per IS: 807, IS: 3177 and IS: 3938 as and where applicable. | 1        | set  |                                  |                              |

**Note: Brief scope of work, technical parameters and other required features are given in the EOI notice (clause no- 2, 2.1, 2.2)**

  
 T.P. Das 05/12/24  
 Executive Engineer  
 Metropolitan Drainage Mechanical Division  
 I & W Div., Govt. of West Bengal  
 Jalsampad Bhavan (4th floor), Salt Lake City