

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: 1588/1T-1

Dated: 05/11/2024

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

**EOI No.: WBIW/EE/MDMD/e-EOI-05/2024-25**

*For the work of*

Supply of following electrical spares for pre-monsoon repair and maintenance of various installations at different pumping station under MDMD during the year 2024-25/2025-26.

| Sl No | Particulars                                     | Details                      |
|-------|---|------------------------------|
| 01    | Start Date of download/issuance of EOI Document | 06.11.2024                   |
| 02    | Pre bid meeting                                 | 18.11.2024                   |
| 03    | Date of corrigendum                             | 19.11.2024                   |
| 04    | Last Date of Issuance EOI Document              | 26.11.2024                   |
| 05    | Last Date and time for Submission of EOI        | 27.11.2024 upto 17.00<br>HRS |
| 06    | Date of opening of EOI                          | 29.11.2024                   |

**Eoi No.: WBIW/EE/MDMD/e-EOI-05/2024-25**

NOTICE INVITING Eoi FOR MOST SUITABLE TECHNICAL SPECIFICATIONS, BOQ AND  
BUDGETARY QUOTES

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 of following electrical spares for pre-monsoon repair and maintenance of various installations at different pumping station under MDMD during the year 2024-25/2025-26.**

The participants may submit their bid with all necessary documents along with the covering letter duly signed by an authorized signatory on or before **27.11.24 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

CONTENTS

Section I

Notice Inviting Expression of Interest (Eoi)

Section II

1. Introduction
2. Salient design data(s) of the pumping station
3. Eligibility criteria
4. Instructions to bidders
5. Scope of work
6. Declaration

Section III Annexure

1. Annexure A/1: Cover letter for Expression of Interest
2. Annexure A/2 : Details of Representative from Bidder/Lead Member of Consortium
3. Annexure B/1: Technical Credentials of the Bidder and / or Consortium (Form-1)
4. Annexure B/2: Approach and Methodology being adopted by the Bidder and / or Consortium (Form-2)
5. Annexure B/3: BOQ details with Estimated cost in item rate (as per Form-3)
6. Annexure C : Layout Drawings

SECTION – I

NOTICE INVITING EXPRESSION OF INTEREST (Eoi)

Eoi No.: WBIW/EE/MDMD/e-EOI-05/2024-25

Supply of following electrical spares for premonsoon repair and maintenance of various installations at different pumping station under MDMD during the year 2024-25/2025-26

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  
Telephone No-03323345768, Email Id: mdmdiwd@gmail.com

Offline Expression of Interests (Eois) are invited by Executive Engineer, Metropolitan Drainage Mechanical Division, Irrigation & Waterways Directorate from eligible registered firms for obtaining Methodology, Specifications, BOQ and (Proposed) Budgetary Quotes for Supply of following electrical spares for premonsoon repair and maintenance of various installations at different pumping station under MDMD during the year 2024-25/2025-26.'

|    |                                       |  |
|----|---------------------------------------|--|
| 1. | Eoi Document                          | The Eoi document can be downloaded from <a href="http://www.wbiwd.gov.in">www.wbiwd.gov.in</a> from 06.11.2024 onwards |
| 2. | Last date and time for bid Submission | 27.11.2024 at 17:00 Hrs.   |
| 3. | Bid Security                          | NIL  |

For any queries , bidder may contact this office before submission of offline bid at 033-23345768 , E-mail : Email Id: mdmdiwd@gmail.com

SECTION - II

**1.0 INTRODUCTION TO THE PROJECT**

Metropolitan Drainage Mechanical Division maintains and operates very important pumping stations in and around Kolkata such as 4 nos pumping station at Chowbhaga, 3 nos Pumping Stations at Uttarbhag, one no each at Keorapur, Bagjola, Kurebhanga, Kalagachiya and Kabardanga situated in and around Kolkata, South 24 Parganas & North 24 Parganas. All pump houses consists of various electrical installation including 33 kv outdoor/ indoor sub-station, VCB, Transformer, switchgear, motor etc. Different type of relays plays a very crucial role in maintaining all the equipment healthy and protect from various faulty situation such as over-current, overvoltage, short circuit, ground fault etc. Presently some of the relays are found to be replaced for proper functioning of the full system. Also break down Vaccum Contactor Unit of Bagjola Pumping Station needs to be replaced by new one. In some instances power pack are also to be replaced.

**1.1 LOCATION**

The work is located associated with different pump houses as mentioned spread over in Kolkata, South 24 Parganas & North 24 Parganas, West Bengal.

**1.2 OBJECTIVE**

Objective of procumbent of Electrical spares is for fitting fixing of spares at different electrical installations and maintain and operate all pump houses properly.

**2.0 BRIEF SCOPE OF THE PROJECT :**

The scope of work includes the

- A) Supply of electrical spares mainly different types of relays, Vacuum Contactor unit, power pack unit etc for different pump houses under Metropolitan Drainage Mechanical Division.

The work i.e supply of spares is to be executed as per technical specification as mentioned in spare list. The specification shall be read in conjunction with other parts such as specifications, technical data which provide further information and details.

## [Expression of Interest / budgetary quotation]

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The contractor shall confirm of having visited site and collected and verified the data relating to site condition. The contractor acknowledges that any failure to acquaint itself with all such data and information shall not relieve its responsibility. The contractor shall be responsible for overall verification of equipment under the scope of work eg. Make, Model, specifications and responsible for supply of specific spares according to Make and model of Spares. Compliances with these specifications does not limit the responsibility of the contractor for the overall performance of the pumping station. Contractor can offer changes in design for better performance. Justification of such changes shall be provided by the contractor. Such changes are subject to approval by E.I.C.

### 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 | <ul style="list-style-type: none"><li>• IT Return</li><li>• GST No. (If applicable)</li></ul>   |
| 2.      | Technical Credentials         | <ul style="list-style-type: none"><li>• It is desirable to firm have experience in similar nature of works</li><li>• Completion certificate, If any</li></ul> |

### 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 06.11.2024 onwards. Last date & time of submission of bid manually in drop box at office of Executive Engineer, Metropolitan Drainage Mechanical Division, is on 27.11.2024 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.

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.



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

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 of following electrical spares for premonsoon repair and maintenance of various installations at different pumping station under MDMD during the year 2024-25/2025-26

Dear Sir,

In response to the Invitation for Expressions of Interest (Eoi) published on \_\_\_\_\_ bearing Ref. No.e.....**WBIW/EE/MDMD/e-EOI-05/2024-25** ..... "Supply of following electrical spares for pre-monsoon repair and maintenance of various installations at different pumping station under MDMD during the year 2024-25/2025-26."

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

[Expression of Interest / budgetary quotation]

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b) I / We do not have any conflict of interest in accordance with the Eol document;  
and

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 Eol 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 Eol document.

In witness thereof, I / we submit this Bid under and in accordance with the terms of the Eol documents.

Yours faithfully,

(Signature, Name & Designation of the Authorized Signatory)

Date:

Place:

Name & Seal of Bidder

ANNEXURE – A/2

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.  |  |

[Expression of Interest / budgetary quotation]

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|   |                               |  |
|---|-------------------------------|--|
| 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.

☐

(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.}

**eEOI No.WBIW/EE/MDMD/eEOI- 05/2024-25**

**Memo No: 1588 /1 (3) /1T-1**

**Date: 05.11.2024**

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

|   |  |
|---|--|
| 1 | The Chief Engineer, Mech & Elect , I&W Directorate, 2 <sup>nd</sup> Floor, Jalsampad Bhawan ,Govt of West Bengal.      |
| 2 | The Superintending Engineer, Mechanical & Electrical Circle ,Kolkata, 6 <sup>th</sup> Floor, Jalsampad Bhawan I&W Dte. |
| 3 | Office Notice board.   |

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



Schedule of work for EoI No.: WBIW/EE/MDMD/e-EOI-05/2024-25

Name of the work "Supply of following electrical spares for premonsoon repair and maintenance of various installations at different pumping station under MDMD during the year 2024-25/2025-26"

| Sl no | Description Of Item  | Qty. | Unit | Basic Rate/unit (Rs) without GST | Percentage of GST applicable |
|-------|--|------|------|----------------------------------|------------------------------|
| 1     | Tripping relay VAJ ( Model No: VAJH13Y F0751BBA) VX 110-125V(ALSTOM MAKE)  | 1    | EACH |                                  |                              |
| 2     | Auxiliary Relay -VAA(VAA21YF7753DA) LH Unit 110-125/220-250V RH Unit 110-125/220-250V (ALSTOM MAKE)  | 1    | EACH |                                  |                              |
| 3     | Auxiliary Relay -VAA (VAA33ZG8338BCH) VX1- 110-125 VX2- 110-125 (ALSTOM MAKE)  | 1    | EACH |                                  |                              |
| 4     | Trip Cir Supervision Relay VAX (VAX 31ZG 8041FCH) VX- 110-125 (ALSTOM MAKE)  | 1    | EACH |                                  |                              |
| 5     | Power Pack Incomer 110VAC, outgoing 110VDC, Capaciting 150VA Max,  | 1    | EACH |                                  |                              |
| 6     | Tripping relay VAJ (VAJH13Y F0251ABA) VX 30-34 (ALSTOM MAKE)   | 1    | EACH |                                  |                              |
| 7     | Trip Cir Supervision Relay type VAX MW II Model (VAX 31ZG 8043FCH) VXA 30-34, VXB 30-34, VXC 30-34, (AREAVA MAKE)  | 1    | EACH |                                  |                              |
| 8     | MICOM P220 (SCHNIEDER)   | 1    | EACH |                                  |                              |
| 9     | Trip Cir Supervision Relay VAX (VAX 31ZG 8071BCH) VX 24-27, (AREAVA MAKE)  | 1    | EACH |                                  |                              |
| 10    | MICOM P127 (SCHNIEDER)   | 1    | EACH |                                  |                              |
| 11    | Trip Cir Supervision Relay type VAX MW II Model (VAX 31ZG 8043FCH) (AREAVA MAKE)   | 1    | EACH |                                  |                              |
| 12    | Trip Cir Supervision Relay VAX(VAX 31ZG 0750BA) VX- 110-125/220-250V (ALSTOM MAKE)   | 1    | EACH |                                  |                              |
| 13    | MICOM P122(SCHNIEDER)  | 1    | EACH |                                  |                              |
| 14    | Power pack with Battery Backup: -100VA, I/P-230V AC, O/P-110V DC-1A, SP103/B-110V DC   | 1    | EACH |                                  |                              |
| 15    | Power pack: Input-110VAC, Output-110VDC, CAPACITY-150 VA, VA max 300 (Mfd by-Auxiliaries & Electrical)   | 1    | EACH |                                  |                              |
| 16    | Power pack: Input-230VAC, Output-110/30V DC, CAPACITY-150 VA, VA max 300   |      |      |                                  |                              |
| 17    | Trip Cir Supervision Relay , Type - VAX MW II Model (VAX 31ZG 8074BCH) VXA 110-125, VXB 110-125, VXC 110-125 (ALSTOM MAKE)                                     | 1    | EACH |                                  |                              |
| 18    | OVER CURRENT RELAY(Inverse) type CDG + EARTH FAULT RELAY(inverse) type CDG + OVER CURRENT RELAY (inverse) type CDG (ALSTOM MAKE) (TO BE REPLACED BY MICOMP127) | 1    | EACH |                                  |                              |
| 19    | Fuse failure RELAY type VAPM (model no-VAPM31AF21A) (ALSTOM)   | 1    | EACH |                                  |                              |
| 20    | Tripping relay VAJ (VAJH13Y F62B) LH VOLT-110-125D.C (ALSTOM MAKE)   | 1    | EACH |                                  |                              |
| 21    | Auxiliary Relay -VAA (VAA11YF8402FCH) LH VOLT-110/250D.C (ALSTOM Make)   | 1    | EACH |                                  |                              |
| 22    | Vaccum Contactor Unit: Make SIEMENS, Model: 3TL8100-1BA05, Rated Voltage: 7.2 kv, Rated Normal Current: 400 A, Control Volage: 110-250AC/DC                    | 1    | Set  |                                  |                              |
| 23    | Vaccum bottle of Vaccum Contactor unit, Siemens make, VS7203, F-Nr. 035451 for SIEMENS VCU Model No: 3TL8100   | 1    | EACH |                                  |                              |
| 24    | HRC fuse, 6.6 kv, 100/120Amp ( GE/ BUSSMAN)  | 1    | EACH |                                  |                              |
|       |  |      |      |                                  |                              |

