



IRRIGATION AND WATERWAYS DIRECTORATE
GOVERNMENT OF WEST BENGAL

METROPOLITAN MECHANICAL & ELECTRICAL DIVISION

*[Invitation for Expression of
Interest/for Budgetary Offer]*

EOI No. WBIW/EE/MMED/EOI-01 /2022-23

Sl No	Particulars	Details
01	Publishing Date	14.11.2022 Up to 4:00 pm
02	Pre bid Meeting	18.11.2022 after 2:00 pm
03	Issue of Corrigendum	21.02.2022 Up to 2:00 pm
04	Last Date and time for Submission of EOI	28.11.2022 Up to 2:00 pm
05	Date and time for Opening of EOI	28.11.2022 after 2:30 pm

NAME OF THE WORK:

“Supply, installation, testing and commissioning of 3 phase (415V±1%), 40KVA, 50Hz., 1500 r.p.m. silent Diesel Generator Set, non AMF, Liquid cooled, alternator insulation-Class-H , battery starting system - 12V-DC at Jamuna Basin Sub-Division Office under Bidyadhari Drainage Division , Banipur, Habra, Dist:-North 24 Pgs ”.

EXECUTING DIVISION: Metropolitan Mechanical & Electrical Division

YEAR: 2022-23

[Expression of Interest]

1.0 Invitation for EOI / Single stage of Bidding

The Executive Engineer, Metropolitan Mechanical & Electrical Division invites EOIs from prospective bidders ('Bidders') for the work "**Supply, installation, testing and commissioning of 3 phase (415V±1%), 40KVA, 50Hz., 1500 r.p.m. silent Diesel Generator Set, non AMF, Liquid cooled, alternator insulation-Class-H , battery starting system - 12V-DC at Jamuna Basin Sub-Division Office under Bidyadhari Drainage Division , Banipur, Habra, Dist:-North 24 Pgs**". The successful Bidder will carry out the scope of work in accordance with the specifications provided in a detailed Request for e-NIT document which will be brought out by the Executive Engineer, Metropolitan Mechanical & Electrical Division in later stage after obtaining administrative approval of the work. Now, Executive Engineer, Metropolitan Mechanical & Electrical Division seeks EOI for budgetary quotes **from Bidders of repute for the above work from Bidders who meet the pre-qualification criteria specified in this document will be short - listed** to have comparison of cost between various prospective bidder. In case of non-compliance they may offer their own solution.

2.0 Introduction to the project

This **3 phase (415V±1%), 40KVA, 50Hz., 1500 r.p.m. silent Diesel Generator Set** will be used for Guest of Jamuna Basin Drainage Sub-Division during power failure. This D.G.Set will be supplied **at Jamuna Basin Drainage Sub-Division, Banipur, Habra, Dist:-North 24 Pgs.**

3.0 Indicative scope of work

Supply, installation, testing and commissioning of 3 phase (415V±1%), 40KVA, 50Hz., 1500 r.p.m. silent Diesel Generator Set, non AMF, Liquid cooled, alternator insulation-Class-H , battery starting system - 12V-DC at Jamuna Basin Sub-Division Office under Bidyadhari Drainage Division , Banipur, Habra, Dist:-North 24 Pgs . All data that has been mentioned in the specification of this EOI should be confirmed and verified by the Contractor. 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.

Contractor can offer changes in design for better performance. Justification of such changes will be provided by the contractor. Such changes are subject to approval of the E.I.C.

4.0 Instructions to Bidders

- 4.0.1 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.

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- 4.0.2** 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.
- 4.0.3** For better understanding of work, brief description of work as per our preliminary assessment are given for better understanding of the project. In this stage bidder are requested to propose their work description, with quoting rate , so that in later stage under detailed NIT, complete scope of work and technical specification may be enclosed , so that bid may be evaluated on equal footing.

5.0 EOI proposal preparation costs & related issues

- 5.0.1** 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.
- 5.0.2** Purchaser will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
- 5.0.3** These Expression of Interest (EOI) are purely for estimation purpose and to know the present market rate and under no circumstance, it shall be construed as quotation for placing the supply order. For competitive bidding separate notice inviting Tender will be published.

5.1 Pre-bid Meeting

- 5.1.1** Executive Engineer , Metropolitan Mechanical & Electrical Division , Kolkata shall hold a pre-bid meeting (offline) with the prospective Bidders on **<18.11.2022 after 2:00 pm Hrs >** at **<O/O Executive Engineer , Metropolitan Mechanical & Electrical Division Jalasampad Bhawan (10th floor) , Salt Lake City ,Kolkata-91>** The Bidders will ensure that their queries with regard to the EOI, to be addressed by the EOI issuing Authority during the Pre-Bid meeting shall reach by post, facsimile or email on or before **<18.11.2022 after at 12:00 Hrs >** to the officer whose details are provided below (Nodal Officer):

Executive Engineer
Metropolitan Mechanical & Electrical Division
Jalasampad Bhawan (10th floor)
Bidhannagar, Kolkata-91
Email Id: eemediwd@gmail.com

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5.2 Responses to pre-bid queries and issue of corrigendum

- 5.2.1 The Nodal Officer notified by the EOI issuing authority will endeavor to provide timely response to all queries. However, the department makes no representation or warranty as to the completeness or accuracy of any response made in good faith.
- 5.2.2 At any time prior to the last date for receipt of bids, EOI inviting authority 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.
- 5.2.3 The corrigendum (if any) & clarifications to the queries from all Bidders will be posted on the (www.wbiwd.gov.in) and emailed to all participants of the pre-bid conference.
- 5.2.4 Any such corrigendum shall be deemed to be incorporated into this EOI.
- 5.2.5 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.

5.3 Right to terminate the EOI process

- 5.3.1 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 Bid Submission Procedure

Option 1: In case of Online Submission on e-Procurement portal> (This EOI may not be submitted through 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.

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 (freeze) within the submission timelines. The Department

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will, in no case, be responsible if the bids 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.

Option 2: In case of physical submission of bids at office of Executive Engineer, Metropolitan Mechanical & Electrical Division, Jalasampad Bhawan (10th floor), Bidhannagar, Kolkata-91.

- 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. **Bids are to be dropped in tender box kept in the O/O Executive Engineer, Metropolitan Mechanical & Electrical Division**
- 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 4). 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 supporting proofs and documents as defined in the Pre-qualification section.
- i. Bidder shall submit all the required documents as mentioned in the Appendix including various templates (Form 1 to Form 4). It should be ensured that various formats mentioned in this EOI should be adhered to and no changes in the format should be done. 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

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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.

5.5 **Short listing criteria**

5.5.1 Purchaser will shortlist Bidders who meet the pre-qualification criteria mentioned in this EOI.

5.5.2 Any attempt by a bidder to influence the bid evaluation process may result in the rejection of its EOI proposal.

5.6 **Pre-qualification evaluation criteria**

Sl no.	Basic requirement	Specific requirements	Documents required
1	Legal Entity	- 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.	- Certificate of incorporation / Partnership deed - GST registration - Certificate of commencement of business (if applicable)
2	Board resolution / Power of	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

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3	Sales turnover	<p>Annual sales turnover generated from services related to system integration during each of the 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>Extracts from the audited balance sheet and profit & loss; OR Certificate from the statutory auditor</p>
4	Technical capability	<p>Bidder must have successfully completed at least the following numbers of work for Manufacturer, supply of floating trash skimmer equipment (with or without O&M) 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 quoted cost>; OR - Two projects of similar nature not less than the amount equal <value equal to 60% of quoted cost cost>; OR - Three projects of similar nature not less than the amount equal <value equal to 40% of quoted cost 	<p>Completion certificates from the competent authority ; OR Work order + Self certificate of completion (Certified by the statutory auditor)</p>
5	Debarment	<p><i>Debarment</i> should use as a mandatory Pre-Qualification criterion to restrict organizations that have been either debarred by by the tendering department for breach of ethical conduct or fraudulent practices, etc. as specified in Rule 151of GFR.</p>	<p>Self-Certified letter that the bidder (or any of its successor)is not in the active debarred list published by: a) Central/ State Public Procurement Portal; and</p>

5.7 Examination of Bids and Determination of Responsiveness

The Bid evaluation committee (TEC) will evaluate whether each Bidder is satisfying the eligibility and qualifying criteria prescribed in the pre-qualification document and declare names of the qualified Bidders.

Prior to the details evaluation, the tender accepting authority will determine the substantial responsiveness of each bid to the bidding documents. For purposes of these clauses, a substantially responsive bid is one which conforms to all the terms and conditions of the bidding documents without material deviations.

Assessment: The detailed assessment for pre-qualification shall be based on the following information submitted by the Bidder:

- Data submitted in prescribed format given in tender documents.
- Bidder's techno-commercial proposals for carrying out the entire works in accordance with the specifications in this document.

The techno-commercial submissions must principally demonstrate the adequacy of bidders' appreciation of the:

- The details operating conditions of pump and prime-mover set.
- Materials of components of pump and prime-mover set.
- Fulfillment of the Departmental requirements.

Bidders are advised to note that the evaluation of techno-commercial bids will be based on the detailed examination of the submittals and would be carried out mainly on the basis of the following principal aspects of the techno-commercial bids.

- (i) Financial Strength
- (ii) Experience of Similar Class of work (Credentials)
- (iii) Performance of Work
- (iv) Technical criteria of the pump & prime-mover sets as per the specifications mentioned in the attached BOQ in this EOI.

5.8 SALIENT DESIGN DATA(S) OF THE Diesel Generator Set:

Canopy Enclosure floor mounted self-started Diesel Generator set (consisting silencer inside canopy, weather & sound resistant enclosure, LCD/LED Display, Non AMF) conforming to the following specifications:

A. Generator Set Specifications:

- **Power rating (KVA/KWe)40/32.**
- **No. of Phase 3 Φ**
- **Operational speed 1500 r.p.m**
- **Output Voltage 415 \pm 1%**
- **Frequency 50Hz**
- **Noise level: Silent**
- **Canopy Enclosure Yes**
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Engine Specification:

- **Make: KOHLER, Kirloskar(KOEL), Cummins, Ashok Leyland.**
- **Fuel Type: High Speed Diesel**
- **Cylinders: 4**
- **Fuel Tank Capacity Range: 100 Litres**
- **Engine Cooling: Water cooled**
- **Battery Charging Alternator : 12V,35 Amp
(Self-start)**

Alternator Specification:

- **Class of insulation: H class**
- **Self-Excitation**

EOI No. WBIW/EE/MMED/EOI-1 /2022-23

Memo No: 930 /1 (3) /1T-1

Date: 14.11.2022

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	Office Notice board.

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

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QUOTED BID PRICE IN EOI

Schedule of work : "Supply, installation, testing and commissioning of 3 phase (415V±1%), 40KVA, 50Hz.,1500 r.p.m. silent Diesel Generator Set, non AMF, Liquid cooled, alternator insulation-Class-H , battery starting system - 12V-DC at Jamuna Basin, Banipur, Habra, Dist:-North 24 Pgs during the year 2022-23"

Sl. No	Description of work as per preliminary assessment	Qty.	Unit	Description of work proposed by the bidder (for budget quotes)	Quantity (for budget quotes)	Unit (for budget quotes)	Rate Excluding GST (Rs.) (budget quotes)	Applicable GST Amount (In Rs)	Amount (Rs). (budget quotes)
1	<p><i>Supply, installation, testing and commissioning of 3 phase (415V±1%), 40KVA, 50Hz.,1500 r.p.m. silent Diesel Generator Set, non AMF, Liquid cooled, alternator insulation-Class-H , battery starting system - 12V-DC [Make: : KOHLER, Kirloskar(KOEL), Cummins, Ashok Leyland]</i></p> <p>conforming the following specifications: -</p> <p>A. <u>Generator Set Specifications:</u></p> <ul style="list-style-type: none"> • Power rating (KVA/KWe)40/32. • No. of Phase 3Φ • Operational speed 1500 r.p.m • Output Voltage 415±1% • Frequency 50Hz • Noise level: Silent • Canopy Enclosure <p style="text-align: center;"><u>Engine Specification:</u></p> <ul style="list-style-type: none"> • Make: KOHLER, Kirloskar, Cummins, Ashok Leyland . 	01	set						

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<ul style="list-style-type: none">• Fuel Type: High Speed Diesel• Cylinders: 4• Fuel Tank Capacity Range: 100 Litres• Engine Cooling Water cooled• Battery Charging Alternator : 12V,35 Amp (Self-start) <p><u>Alternator Specification:</u></p> <ul style="list-style-type: none">• Class of insulation: H class• Self-Excitation								
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[Irrigation & Waterways Directorate, Govt of West Bengal]

