



**Government of West Bengal
Irrigation & Waterways Directorate
Office of the Executive Engineer
Metropolitan Mechanical & Electrical Division
JalasampadBhawan (10th floor)
Bidhannagar, Kolkata – 91
Email Id:- eemmediwd@gmail.com**

EoINo.: WBIW/EE/MMED/EoI-03/2021-2022 (2nd call of WBIW/EE/MMED/EoI-01/2021-2022)

NOTICE INVITING EXPRESSION OF INTEREST (EoI)

For

Supply, installation, testing and commissioning including trial run and one (1) year successful operation and maintenance (with spares) of self water lubricated inclined turbine pump sets five (4+1) nos. 15 cusec with electro- mechanical installation complete for the proposed augmentation of existing pump house at the outfall of KCA Khal , at ch.- 57 (Fatesha) adjacent to 6 vent Sluice, P.O. + P.S. New Barrackpore, Municipality: New Barrackpore, Dist-North 24Parganas, State: West Bengal. (Part A – Mechanical)

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EoINo.:WBIW/ EE/ MMED/ EoI- 03/2021-2022(2nd call of WBIW/EE/MMED/EoI-01/2021-2022)

**NOTICE INVITING E.O.I. (Expression of Interest) FOR MOST
SUITABLE SCHEDULE OF WORK AND BUDGETARY QUOTES**

Online bids are hereby invited by the Executive Engineer, Metropolitan Mechanical & Electrical Division, Irrigation & Waterways Directorate on behalf of the Irrigation & Waterways Department Govt.of West Bengal through double stage online bid for obtaining suitable schedule of works and Budgetary quotes from all interested bidders/ agencies/ contractors within the country having Original Equipment Manufacturer of V.T./ Inclined Pump Pre-Qualification (eligibility) credential for execution of works of similar nature and financial capabilities. The schedule of works and Budgetary quote will determine the final selection and acceptance of price schedule, items of work, Specifications and even scope of work for framing of a DPR of the project mentioned later.

Intending contractors /bidders desire to participate in this e-RFP are required to login to the Government of West Bengal e-Procurement website having URL <https://wbtenders.gov.in> and locate the instant tender by typing **WBIW/EE** in the search engine provided therein, or by log-in using their assigned User ID and password. They may also visit the official website of the Irrigation & Waterways Department, Government of West Bengal www.wbiwd.gov.in to locate the same e-Tender by scrolling the “e-Procurement” link.

Contractors / bidders willing to take part in the e-EOI are required to obtain a valid Digital Signature Certificate (DSC) from any of the authorized ‘Certifying Authorities’ (CA) under Controller of Certifying Authorities (CCA), Department of Electronics & Information Technology (DEIT), Govt. of India. (viz .NIC, n-Code Solution, Safe srypt, e-Mudhra Consumer Services Ltd, TCS, MTNL, IDRBT) or as notified by the CA / Finance Department, Govt. of West Bengal from time to time. DSC is given as a USB e-Token. After obtaining the Class 2 or Class3 Digital Signature Certificate (DSC) from any of the above CA, they are required to register the fact of possessing the DSC through the registration system available in the above mentioned websites. A list of such licensed CAs’ is also available in the CCA website cca.gov.in.

The prospective contractors / bidders may contact the Departmental e-Tendering Help desk located at the 7th Floor of Jalasampad Bhavan at Bidhannagar, Sector-II, Kolkata, through e-mails irrigationhelpdesk@gmail.com and dvsc6816@gmail.com or Telephone No. 033-23346098 and the State Level e-Procurement Help Desk located at the Ground Floor of Jalasampad Bhavan through e-mail wbehelpdesk@gmail.com or Ph:(033)-2334 5161 on any working day between 10.30AM-5.30PM for any query on e-Tendering procedure, obtaining DSC and free of cost training on e-Procurement procedure.

Intending contractors / bidders are required to down load the E.O.I. (Expression of Interest) documents directly from either of the websites stated above. **This is the only mode for submission of E.O.I.** The interested bidders eligible for the RFP are required to submit their bids through the e-Procurement System using their valid DSC e-Token with assigned PIN using login ID and password. Details of e-filing procedure for participating in e-tenders under State Government have also been explained in the 'Bidders' Manual', available in the Departmental website www.wbiwd.gov.in.

Last date & time of submission of bid electronically is on 10.01.2022 till 17.00 Hours IST.

CONTENTS

Section I

Notice Inviting Expression of Interest (EoI)

Section II

1. Introduction
2. Salient design data(s) and Technical Specifications of the pumping station
3. Technical Particulars to be filled by bidders
4. Eligibility criteria
5. Instructions to bidders
6. Scope of work
7. 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 C: Layout Drawings
6. BOQ

SECTION-I

NOTICE INVITING EXPRESSION OF INTEREST (E.O.I)

EoI No.: **WBIW/EE/MMED/EoI- 03/2021-2022(2nd call of WBIW/EE/MMED/EoI-01/2021-2022)**

Dated 24.12.2021

Subject: Supply, installation, testing and commissioning including trial run and one (1) year successful operation and maintenance (with spares) of self water lubricated inclined turbine pump sets five (4+1) nos. 15 cusec with electro- mechanical installation complete for the proposed augmentation of existing pump house at the outfall of KCA Khal , at ch.-57 (Fatesha) adjacent to 6 vent Sluice, P.O. + P.S. New Barrackpore, Municipality: New Barrackpore, Dist-North 24Parganas, State: West Bengal. (Part A – Mechanical)

**Government of West Bengal
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Email Id:- eemmediwd@gmail.com**

Online Expression of Interests (EoIs) are invited by Executive Engineer, Metropolitan Mechanical & Electrical Division, Irrigation & Waterways Directorate from eligible registered firms for obtaining Methodology, Specifications, BOQ and (Proposed) Budgetary Quotes for Supply, installation, testing and commissioning including trial run and one (1) year successful operation and maintenance (with spares) of self water lubricated inclined turbine pump sets five (4+1) nos. 15 cusec with electro- mechanical installation complete for the proposed augmentation of existing pump house at the outfall of KCA Khal , at ch.-57

**(Fatesha) adjacent to 6 vent Sluice, P.O. + P.S. New Barrackpore, Municipality:
New Barrackpore, Dist-North 24Parganas, State: West Bengal. (Part A –
Mechanical)**

1.	EoI Document down load and bid submission start date	27.12.2021after 17.00hrs
2.	Last date and time for bid Submission	10.01.2022upto17:00Hrs
3.	Date of bid opening	11.01.2022after14.00hrs
4.	Bid Security	NIL

For any queries, bidders may contact this office on any working days during office hours before submission of online bid.

SECTION-II

1.0 INTRODUCTIONTOTHEPROJECT

1.1 The Irrigation and Waterways Department of the Government of West Bengal is responsible for the main system of drainage Canals which drain a way both Sewage and storm water from different municipalities.

One of the main draining system is KCA Khal which is draining important parts of the northern and north-eastern parts of 24Parganas (North) i.e North Dum Dum Municipality, New Barrackpore Municipality and Madhyamgram Municipality.

As it's downstream the KCA Khal drains into the Noai Khal which is part of the Sundarban delta system.

1.2 LOCATION

The proposed Pumping Station is located at the ch. 57 of KCA khal adjacent to 6-Vent Sluice P.O+P.S. New Barrackpore, Municipality: New Barrackpore, Dist-North24Parganas, State: West Bengal, 20Km. away from Sealdah Rly. Stn.

1.3

OBJECTIVE

Objective of setting up the proposed Pumping Station is to provide intended extent of relief to the command areas of the proposed Pumping Station from water logging. This will lead to significant improvement of environment quality in the area as also the economic improvement of the community. Construction of Pumping Station by augmentation of pumping capacity at out fall locations o f the canals to reduce the frequency and extent of flooding thereby improving the level of service provided bythe canals. Further to ensure year round dry feet for all within the catchment area of the KCA Khal.

2.0 SALIENTDESIGNDATA(S)OFTHEPUMPINGSTATION

1

CIVIL AND HYDRAULIC DATA

SI No	Particulars	Data
1.1.2	Drain Bottom Level (DBL)	(+) 1.088 mtr
	Exisring Bed level of	(+) 1.3 mtr
1.1.3	Existing Ground Level	(+) 4.475 mtr
1.1.4	H.F.L	(+) 4.055 mtr
1.1.5	(b) Hydraulic Parameter of Pumping station	
1.1.6	Pump Floor Level	(+) 4.8 mtr & (+) 6.2 mtr &
1.1.7	Pump Suction Level	(+) 2.7 mtr
1.1.8	Maximum water level	(+) 4.055 mtr
1.1.12	C.L. of Discharge pipe	(+) 6.2 mtr &
1.1.13	Peak Discharge	15 cusec
1.1.14	Discharge Velocity (at Common Header)	1.55 to 1.9 mtr/sec

2 PUMPS

Sl No	Particulars	Data
2.1	service	Strom/Sewerage water
2.2	Type	Axial/Mixed Flow Vertical
2.3	Duty	Continuous
2.4	Location	Indoor
2.5	Design capacity	15 Cusec
2.6	Nos. required	4+1 =5 Nos
2.7	TDH at design capacity , m (bowl0	6.0 M
2.8	speed	980 R.P.M
2.9	Min Bowl efficiency required at design capacity,%	82% (As per ISO 9906 Gr. 2B)
2.1	Nos. Pumps of Working(Max)	4
2.2	Nos. of pump stand by	1
2.3	Nos. of pumps working in parallel	Yes
2.4	Range of Operation	Between 70% and 120 % of rated capacity
2.5	Design & Construction Feature	As per Technical Specification
2.6	Material of Construction	
2.6.1	Impeller	SS 316
	Bowl casing	Casting grade FG 260 of IS 210
	Suction Bell Liner	SS 316
	Line Shaft	SS 316
	Impeller Shaft or Head Shaft	SS 316
	Shaft sleve	SS 316
	Line Shaft bearing	Bronze grade LTB2, 3 or 4 of IS 318 or Nitrile/cut less rubber
	Bowl bearing	Bronze grade LTB2, 3 or 4 of IS 318 or Nitrile/cut less rubber
	Discharge Head	MS fabricated
	Packing Box	CI
	Column Pipe	MS
	Coupling Type	CI (flexible type)
	Gland Packing	PTFE/Teflon
	Stainer	MS Galvanized
2.7	Supply of accessories and Service	As per Technical Specification
2.8	Tests and Inspection	As per Technical Specification

3 PIPES AND FITTINGS :-

SL No	Particulars	PN	DN(Min)
3.1	Column/Delivery Pipe as per IS: 3589	1.6	500 mm
3.2	Pipe Flanges as per IS: 6392-1971	1.6	500 mm
3.3	Common Header pipe as per IS: 3589	1.6	1200 mm
3.4	Common Header pipe as per IS: 1538 - 1993	1.6	1200 mm

3.5	Pipe Flanges as per IS: 1538 - 1993	1.6	1200 mm
3.6	Pipe Flanges as per IS: 6392-1971	1.6	1200mm
3.7	Fabrication & Erection	As per Latest IS Standard	
3.8	Test and Inspection	As per Latest IS Standard	

4 VALVES

(A) Check Valves (Make- L&T, Kirloskar, Vag)

SI No	Particulars	Data
1	Type	Single Swinging Disc
2	Nominal Pressure , PN	1.6 N/mm ²
3	Size, Dia in mm	500 mm
4	Nos. required	05 nos.
5	cast component	C.I. to IS: 210 FG - 260
6	Body seat	Bronze to IS- 318LTB-II
7	Disc Seat	Rubber
8	Valve manufacturing method	as per IS : 5312 (Part- I)
	Tests and Inspection	as per IS : 5312 (Part- I)

(B) AUTOMATIC AIR REALESE VALVE

1	Type	Double action
2	Nominal Pressure , PN	1
3	Size, Dia in mm	100
4	AUTOMATIC AIR REALESE VALVE	NOT REQUIRED

© FOR ALL VALVES

1	Design & Constructional feature	As per Technical Specification
2	Material of Construction	As per Technical Specification
3	Supply of accessories and service	As per Technical Specification
4	Tests and Inspection	As per Technical Specification

5 Electric Operated Travelling Crane and Hoist(E.O.T)

SI No	Particulars	Data
1	Type	Capacity : EOT Crane 5 Ton, single girder (Make-INDEF, Anupam, Reva)
2	Nos. Required	one
3	capacity	5 Ton
4	span	5.5 M
5	Lift, mm(approx)	5 M
6	Design & Constructional feature	As per Technical Specification
7	Material of Construction	As per Technical Specification
8	Supply of accessories and service	As per Technical Specification
9	Test and Inspection	As per Technical Specification

7 GAUGES

SI No	Particulars	Range(Kg/cm ²)
1	Pr. Gauge at delivery Side	0 to 10

8 Motor

SI No	Particulars	Data
1	Nos. of Pump set (LT Drive)	5(4+1)
2	LT Motor, KW (Nominal) each	55 KW
3	Motor Synchronous Speed (R.P.M)	1000 rpm
4	Type of mounting	Inclined direct coupler
5	Voltage, A.C	415 V, 3 PH + - 10%, 50 HZ + - 3 %
6	Type of Construction of motor	TEFC
7	Degree of protection	IP55
8	Insulation Class	Class F
9	Type of starting	FASD

4. Technical Particulars to be filled by bidders

TECHNICAL PARAMETERS (MECHANICAL)

1 PUMPS

SI No.	Particulars	To be filled by Bidder
1.0 General		
1.1.1	Manufacturer	
1.1.2	Model No	
1.1.3	Type of Pump	
1.1.4	Whether pull out/ non pull out type	
2.0 Guranted Performance		
1.2.1	Rated capacity at design head (specify also tolerance limit)	
1.2.2	Effective head of the design capacity	
1.2.3	Shut off Head, MCW	
1.2.4	Range of operation on which zone the pump motor set may run continuously without any difficult	
1.2.5	Maximum head	
1.2.6	Minimum head	
1.2.7	Maximum capacity	
1.2.8	Minimum capacity	
1.2.9	Pump Rated speed, r.p.m.	
1.2.10	Guranted Bowl efficiency at design point (specify also tolerance limit)	

1.2.11	Power consumption at design capacity	
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3.0 Design and constructional feature

1.3.1	Applied Standard	
1.3.2	Type of casing	
1.3.3	Torque speed curve of the pump and drive motor furnished with the the order	
1.3.4	Minimum flow , the pump can Handle without overheating, cu cm/sec	
1.3.5	Impller type	
1.3.6	Impleller Diameter	
1.3.7	Minimum (mm)	
1.3.8	Maximum(mm)	
1.3.9	Column pipe dia, mm	
1.3.10	Coloumn pipe wall thickness, mm	

4.0 Materials of construction

1.4.1	Sole plate	
1.4.2	Thrust bearing housing	
1.4.3	Column pipe	
1.4.4	Fastners in column assembly	
1.4.5	Bowl casing	
1.4.6	Impeller	
1.4.7	Impeller wearing ring (furnished hardness also)	
1.4.8	Bowl wearing ring (furnished hardness also)	
1.4.9	Impeller shaft	
1.4.10	Line shaft	
1.4.11	Shaft sleeves	
1.4.12	Line shaft coupling	
1.4.13	Line shaft bearing	
1.4.14	Impeller bearing	
1.4.15	stuffing box	
1.4.16	pump and motor coupling	
1.4.17	Thrust bearing	
1.4.18	Gland	
1.4.19	Gland packing	
1.4.20	Mechanical Seal	
1.4.21	Casing Linear	
1.4.22	Bell Mouth	
1.4.23	Flow Strainer	
1.4.24	Painting	

5 THRUST BEARING:-

Sl No	Particulars	To be filled by bidder
1.5.1	Number Provided	

1.5.2	Location	
1.5.3	Manufacture & Cat. No	
1.5.4	Design Axial Thrust	
1.5.5	Design Life at Pump Duty Point	
1.5.6	Thrust Bearing Designed For Pumps shut off operation for the period specified	
1.5.7	Method of Lubrication and Lubricant	
1.5.8	Cooling	
1.5.9	Type of cooling arrangement	
1.5.10	Pressure, Gravity and quality of cooling water from external source, if required	
1.5.11	Cooling water inlet and outlet pipe size	

6 NET WEIGHT

Sl No	Particulars	To be filled by bidder
1.6.1	Weight of Pump Assembly in Kg	
1.6.2	Weight of Motor Assembly in Kg	
1.6.3	Total Dynamic Load of Pump Motor assembly action on foundation	
	a) Horizontal	
	b) Vertical	
1.6.4	Design load at Thrust Block	
	Maximum weight of the Pump to be handled at a time in assembled condition	
1.6.5	(a) For erection	
	(b) For regular maintenance	

7 DIMENSION :-

Bidder are requested to refer to pump installation and furnish the deviation only, if any

8 TEST AND INSPECTION

Bidder are agreeable to carry out all inspection and tests as outlined in technical specification

9 DRAWING

All the tender Drawing, characteristic curve and catalogue are to be furnished with the offer.

2 PIPE AND FITTINGS

Sl No	Particulars	To be filled by bidder
2.1	Size, Length, DN/m	
2.2	No offered	
2.3	Manufacturing Standard (mention relevant code/standard)	
2.4	Design Pressure, Kg/cm ²	

2.5	DesignPr temperature	
2.6	Hydraulic shop test pressure in kg/cm2	
2.7	Hydraulic site test pressure in kg/cm2	
2.8	Flange Drilling standard(mention relevant code/standard)	

3 VALVES

SI No	Particulars	To be filled by bidder
	1. General	
3.1.1	Manufacturer	
3.1.2	Manufacturing standard/pr. Class	
3.1.3	Type	
3.1.4	Sizes, DN	
3.1.5	Nos. offered	
3.1.6	Flange Standard	
3.1.7	Leakage when fully closed(0% of design flow)	
3.1.8	Maximum flow ,m3/hr	
3.1.9	Rated Flow,m3/hr	
3.1.10	Design Pressure, kg/cm2	
3.1.11	Design Temperature,0 C	
	2.0 MATERIALS OF CONSRTUCTION	
3.2.1	Body	
3.2.2	Disc	
3.2.3	Hinge Pin	
3.2.4	Body Sheet	
3.2.5	Disc Sheet	

4	GAUGES:-	
SI No	Particulars	To be filled by bidder
4.1	Manufacture	
4.2	Type	
4.3	nos. offered	
4.4	Accuracy	
4.5	Range,kg/cm2	
4.6	materials of construction	
4.7	Over range protection	
4.8	maximum with stand temperature 0C	

2.1 BRIEF SCOPE OF THE PROJECT:

The scope of work under this estimate includes the **Supply, installation, testing and commissioning including trial run and one (1) year successful operation and maintenance (with spares) of self water lubricated inclined turbine pump sets five (4+1) nos. 15 cusec with electro- mechanical installation complete for the proposed augmentation of existing pump house at the outfall of KCA Khal , at ch.-57 (Fatesha) adjacent to 6 vent Sluice, P.O. + P.S. New Barrackpore, Municipality: New Barrackpore, Dist-North 24Parganas, State: West Bengal. (Part A – Mechanical)**

The works include all Mechanical work as per as details scope of this E.O.I. The works are to be executed as per technical specification enclosed a separate part of thisE.O.I. The part of specification shall be read in conjunction with other parts such as specifications, drawings and appendices which provide further information and details.

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/bidder shall be responsible for overall verification of equipment under the scope of work e.g. Make, Model, Specifications and responsible for detailed design of mechanical and electrical works of the proposed pumping station. Compliances with these specifications do not limit the responsibility of the contractor for the overall performance of the pumping station. Contractor/Bidder can offer changes in design for better performance. Justification of such changes shall be provided by the contractor/Bidder. Such changes are subject to approval by the E.I.C.

2.0ELIGIBILITY 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 for last 3 years and registered GSTIN Registration No.
2.	Should be a original equipment manufacturer of VT/INCLINED Pumps	Authorization of manufacturer, if any

3.	Technical Credentials	It is desirable to firm having experience insimilar nature of works in drainage water pumping station with Completion Certificate.
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4.0

INSTRUCTIONSTOBIDDERS

SubmissionofApplication

The EOI document can be downloaded from www.wbtenders.gov.in from **27.12.2021** after **17.00 Hrs on wards. Last date & time of submission of online bid electronically through the e-procurement portal of Govt. of West Bengal is on 10.01.2022 till 17:00Hours (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 the entire project. The information contained in this EOI or subsequently provided to Bidder, whether verbally or indocumentary 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 e-Bid, regardless of the conduct or outcome of the e-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 thereunder.

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 photo copied 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&W D without any obligation or liability whatsoever.

This is not a tender advertisement. The invitation of expression of interest is without any commitment at this stage.

Bidder other than OEM/OEA of B.O.Q of Major (HighValue items) are required to attach quotation of OEM/OEA.

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 (online)

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 SCOPE OF THE WORK

The Basic scope covers the design, manufacturing, Supply, installation, testing and commissioning including trial run and one (1) year successful operation and maintenance (with spares) of self water lubricated inclined turbine pump sets five (4+1) nos. 15 cusec with electro-mechanical installation complete for the proposed augmentation of existing pump house at the outfall of KCA Khal , at ch.-57 (Fatesha) adjacent to 6 vent Sluice, P.O. + P.S. New Barrackpore, Municipality: New Barrackpore, Dist-North 24Parganas, State: West Bengal. (Part A – Mechanical) with bell mouth, column assembly, discharge elbow, discharge pipe, motor stool, thrust bearing ,non-reversing device including common header for final discharge into KCA Khal.

Each Vertical Turbine pump shall be capable of developing the required total head at rated capacity for continuous operation at the required total head at low water level in the canal. The pump will be required to work with parallel operation satisfactorily over the head requirements as per system resistance curves. Supply and installation of E.O.T.craneof 5MT, MS Gratings (if required), are also in the scope of work.

6.0 DECLARATION

I/We have completely read and here by accept the scope of work, requirements, terms & conditions.

Signature of bidders or their authorized Representative withseal:

Fulladdress:

SECTION-III

ANNEXURE–A/1

Cover letter for Expression of Interest

To,
The Executive Engineer
Metropolitan Mechanical & Electrical Division,
I&W Dte., Govt. of West Bengal,
Jalasampad Bhawan(10th floor), Salt Lake City, Kolkata-91,
EmailId: emmmediwd@gmail.com

Sub: Submission of bid for obtaining Methodology, Technical Specification, BOQ And Budgetary Quote for the proposed: Supply, installation, testing and commissioning including trial run and one (1) year successful operation and maintenance (with spares) of self water lubricated inclined turbine pump sets five (4+1) nos. 15 cusec with electro-mechanical installation complete for the proposed augmentation of existing pump house at the outfall of KCA Khal , at ch.-57 (Fatesha) adjacent to 6 vent Sluice, P.O. + P.S. New Barrackpore, Municipality: New Barrackpore, Dist-North 24Parganas, State: West Bengal. (Part A – Mechanical)

DearSir,

In response to the Invitation for Expressions of Interest (EoI) published on___ bearing Ref. No.____“Supply, installation, testing and commissioning including trial run and one (1) year successful operation and maintenance (with spares) of self water lubricated inclined turbine pump sets five (4+1) nos. 15 cusec with electro- mechanical installation complete for the proposed augmentation of existing pump house at the outfall of KCA Khal , at ch.-57 (Fatesha) adjacent to 6 vent Sluice, P.O. + P.S. New Barrackpore, Municipality: New Barrackpore, Dist-North 24Parganas, State: West Bengal. (Part A – Mechanical)

I /We acknowledge that Executive Engineer, Metropolitan Mechanical & Electrical Division 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, Metropolitan Mechanical & Electrical Division any additional information it may find necessary or require to supplement or

authenticate the Bid.

I/We acknowledge the right of the Executive Engineer, Metropolitan Mechanical & Electrical Division 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

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,

Date: (Signature, Name & Designation of the Authorized Signatory)

Place:

Name & Seal of Bidder

Details of Representative from Bidder /Lead Member of Consortium

PartA: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: Name Designation Phone No. Fax No. Mobile No. 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 (notmorethan100words)	
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)	
Startd at eand 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

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.}

Copy submitted for favour of kind information nto:

- 1)The Secretary to the Govt.of West Bengal, I&W Department.
- 2)The Chief Engineer, Mechanical & Electrical, I&W Directorate, Govt of West Bengal
- 3)The Chief Engineer, South, I&W Directorate, Govt of West Bengal
- 4)The Joint Secretary (Works) to the Govt of West Bengal, I&W Department.
- 5)The Superintending Engineer, Mechanical &Electrical Circle, I&W Dte.
- 6)The Superintending Engineer, Metropolitan Drainage Circle, I&W Dte.
- 7)The Superintending Engineer, Western Circle-I, I&W Dte.
- 8)The Superintending Engineer, Eastern Circle, I&W Dte.
- 9) The Deputy Secretary (Works) to the Govt of West Bengal, I&W Department
- 10) The Executive Engineer, Urban Drainage Division, I&W Dte.

(B. Bhattacharjee)
Executive Engineer
Metropolitan Mechanical & Electrical Division

Copy forwarded for favours of kind information to:

- 1) The Assistant Engineer,MMED.
- 2) TheSDO/ AE, Haringhata M&E Sub-Division.
- 3) The EstimatingSection, MMED
- 4) TheAccountsSection, MMED
- 5) Notice Board of MMED.

(B. Bhattacharjee)
Executive Engineer
Metropolitan Mechanical & Electrical Division