

Government of West Bengal
Irrigation & Waterways Directorate
Office of the Executive Engineer
Metropolitan Drainage Mechanical Division
Jalsampad Bhawan, 4 th floor
Bidhanagar City, Kolkata-91
Ph No (033) 2334 5768
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Memo No : 1539 / 5W-45

Dated 25.10.2019

NOTICE INVITING EXPRESSION OF INTEREST (EOI)
E.O.I. No WBIW/EE/MDMD/EOI-06/2019-20

For

Supply, installation, testing and commissioning including trial run and one year successful operation and maintenance of external water lubricated Vertical turbine pump sets of Nine (09) nos. 50 cusec with electro-mechanical installation complete for the proposed Pumping Station for Panchla Drainage Scheme in Block & PS-Panchla ,Dist- Howrah .

A. General.

1. The Executive Engineer, Metropolitan Drainage Mechanical Division, Irrigation & Waterways Directorate, Government of West Bengal invites Expression of Interest (EOI) Supply, installation, testing and commissioning including trial run and one year successful operation and maintenance of external water lubricated Vertical turbine pump sets of Nine (09) nos. 50 cusec with electro-mechanical installation complete for the proposed Pumping Station for Panchla Drainage Scheme in Block & PS-Panchla ,Dist- Howrah .
2. The Expression of Interest (EOI) is required to provide indicative values of items of tee bill of quantities as per schedule attached in order to have comparison of cost between various prospective bidders and for sanctioning of rates from the competent authority of this Department.
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.
4. Prospective bidders are kindly requested to include the following information with their offer.

Contact information sheet:-

- a. Full name and address of the company.
- b. Full name of main contact person.
- c. E-mail address.
- d. Telephone , FAX and m..... numbers.
- e. Company VAT number, MOU write OEM.
- f. Estimated times of delivery.
- g. Payment terms.
- h. Validity period of quotes.

5. Literature and brochures, including full technical data and specifications.
6. Prospective bidders are required to specifically highlight how their product and integration of those will meet the proposed requirements and specification set out in this document. And in case of non compliance they may propose their own solution.
7. Quotation may be submitted through any of the following methods.

By Speed Post/Courier

B. Terms and conditions.

1. The currency of the quotations will be Indian Rupee For destination.
2. Quotation may be submitted writer in 21 days from the date of publishing of the Notice in Paper.
3. Part citation in budgetary quotes by an OEM, authorized agent/ dealer shall not be construed that he is eligible in the bidding process to be called later on. His eligibility shall be checked as listed out in the bidding document and then only will be permitted to participate.

C. Quoted Bid Price in EOI – Enclosed as separate Annexure

EnClo: As Stated

Note:- 1. The quotation should be FOR destination basis. Rates are to be quoted inclusive of GST and other applicable Taxes . Their rates should also be reflected in this section so as to arrive at a final figure.

Executive Engineer
Metropolitan Drainage Mechanical Division.

Memo No : 1539 /5W-45/1(1)

Dated 25.10.2019

1. Copy submitted to the Superintending Engineer, Mechanical & Electrical Circle, Kolkata for his kind information please.

Executive Engineer
Metropolitan Drainage Mechanical Division.

APPENDIX-1

QUOTED BID PRICE IN EOI

Schedule of work of the Project: Supply, installation, testing and commissioning including trial run and one year successful operation and maintenance of external water lubricated Vertical turbine pump sets of Nine (09) nos. 50 cusec with electro-mechanical installation complete for the proposed Pumping Station for Panchla Drainage Scheme in Block & PS-Panchla ,Dist- Howrah .

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 (Rs.) (budget quotes)	Amount (Rs.) (budget quotes)
1	Supply, delivery, storing at site, installation, testing & commissioning of 1000 KVA, 11KV /433V, 3 phase, 50HZ / , Dyn 11 outdoor ONAN type transformer in IP 55 enclosure with copper windings, OFF load tap changing arrangement in steps of + 1-2.5% & - 7.5%, having HT cable end boxes with cable gland plate suitable for terminating 11KV ,3C x 240 sqmm XLPE/ ARMD, AL cables for primary side and 1.1KV, 6 x 3-1/2C x 400 sqmm. XLPE/ARMD, AL cables on the secondary side, three channel temperature scanner for continuous monitoring of the windings , with supply of all associated materials and accessories like oil conservator, silica gel breather, Buchluz relay, mounting channels bolts ,nuts washers, screw, clamps, painting, earthing etc. and confirming to IS- 1180 (Level-1) and as per specification as laid down in the contract complete in all respect as required at site including construction of required size CC pedestal. Make- Schneider/ KEC /CGL/ABB.	1	set					

2 LT PANEL AT PUMP HOUSE

Supply, delivery, storing at site, installation, testing & commissioning of 415V (35MVA) TPN floor mounting free standing LTpanel made of min. 2mm thick sheet steel and stiffened by angle iron frame as necessary extensible on either side totally enclosed, dust and vermin proof, self supported, free standing unit with base channel, multi tier, compartmentalised cubicle, front access type construction with details of feeders as given below. LT panel shall be suitable for 500/415VAC 50HZ, 3-phase and neutral system. Panels shall be treated with seven tanks process before painting with two coats of epoxy paint over two coats of epoxy primer/powder coated paint all of approved shade complete with front operated incoming and outgoing switchgears, cablealleys, provision for cable entries from top and bottom, necessary meters, internal wiring with 1.1KV, copper wire (2.5 sq.mm) protection HRC fuse etc terminal blocks, selector switches, inter connection with insulated (1.1KV grade) colour coded copper conductor cable, gland plates, earth bus of copper, lifting bolts, level inscriptions, earth connections etc and supply of all necessary accessories all complete and mending good the damages as required.

1 set

Make- Siemens/L&T/ABB/CGL/Schnider

Note: All works are to be done in accordance with I.E. rules and regulation and as per direction of Engineer-in-charge. GA drawing for each panel has to be get approved by the engineer-in-charge before

(A) Incomer

- (i) 1-Nos 1600A FP, 433V, 50 KA, Air Circuit Breaker (ACB)
- (ii) 1-set (3 Nos in each set) 15VA, 1250/5A, CL-1 for metering CTs
- (iii) 1-set cable termination box suitable for 4 nos x 3½ C x 300 sq. mm., 1.1KV, XLPE /A, AL cable
- (iv) 1-set 0-1250A AC flush mounting digital ammeter with selector switch.
- (v) 1-set 0-500V flush mounted digital voltmeter with selector switch
- (vi) 1-set ON/OFF/TRIP/TRIP CIRCUIT HEALTHY lamps and push
- (vii) 1-set R/Y/B phase indication lamps
- (viii) 1-set TRIP/NEUTRAL/CLOSE selector switch
- (ix) Earth bus-bar and all other accessories complete
- (x) Annunciator unit. 8W
- (xi) 1-set Multi Function Meter

(B) Bus-Bars

1-Set TPN, 500/415V, 1600A, 50Hz, 35 MVA continuous rated copper bus-bar with insulating sleeves

(C) Outgoing

(i) 9 nos-400A TPN 500/415V, AC 50KA breaking capacity MCCB microprocessor based. Fully Automatic Star Delta Starter (FASD) for operation of 125KW pump motor having 3nos. 300A, 415V, TP AC 3 contactors and timer 0-30 sec CT operated thermal O/L relay having suitable setting range with single phase preventor MN-12-L, ON/OFF/TRIP lamps, START/STOP push buttons, 0-500A, CT operated digital ammeter with 500/5A class-1 CTS and selector switch, local/remote selector switch, temperature scanner (Masibus/Minilec make), completely wired up to the terminals (for 8 nos VT pump & 01 no spare)

(ii) 5 nos- 100A TPN 500/415V MCCB with breaking capacity of 50 KA including 0-100A CL-1 digital ammeter with 60/5A class-1 CTs and selector switch and ON/OFF/TRIP indication light complete (1 no for EOT crane, 1 nos for LDB, 1 nos for PDB, 2 nos spare).

(D) Earth bus-bar

Continuous earth bus bar of 50 x 6mm G.I. flat running continuous through out the length of the switch board with earthing terminals.