



**Government of West Bengal
Irrigation & Waterways Directorate
Office of the Executive Engineer
Metropolitan Electrical Division
Jalasampad Bhawan (4th floor)
Salt Lake City, Kolkata-700091
Telephone No-03323215609
Email Id: eemed.iwd@gmail.com**

NOTICE INVITING EXPRESSION OF INTEREST

Memo No: 1890/ 7E-6/2022-23

Dated:- 01.11.2022

N.I.E.O.I No - WBIW/EE/MED/ EOI- 02 of 2022-2023

Request for Expression of Interest for “Supplying & delivery of 12.5M high mast shaft in Two sections suitable for 50 m/sec wind speed with head frame, winch mounting bracket, luminaries carriage suitable to install upto 09 nos Flood light LED luminaries with 0.75HP, single speed, 6pole integral motor, stainless steel wire rope : 2 nos continuous rope of 5mm dia, AISI 304, 7/19 construction, breaking load capacity : 1350KG x 2, with Anchor fastening J type Bolt 4 Nos for installation at site under Irrigation and waterways department.” is being invited by the Executive Engineer, Metropolitan Electrical Division, Irrigation & Waterways Directorate on behalf of the Governor of West Bengal from eligible and resourceful agencies/ Authorized Dealer/OEM having sufficient financial capability and credentials for execution of similar nature of work.

Issue of EoI documents :

The EoI documents can be downloaded from the departmental website: www.wbiwd.gov.in

Submission of EoI :

The intending agencies should submit their EoI for the work as cited above in a sealed envelope super scribing on the top “Supplying & delivery of 12.5M high mast shaft in Two sections suitable for 50 m/sec wind speed with head frame, winch mounting bracket, luminaries carriage suitable to install upto 09 nos Flood light LED luminaries with 0.75HP, single speed, 6pole integral motor, stainless steel wire rope : 2 nos continuous rope of 5mm dia, AISI 304, 7/19 construction, breaking load capacity : 1350KG x 2, with Anchor fastening J type Bolt 4 Nos for installation at site under Irrigation and waterways department.” in the tender box to be available at the Office of the Executive Engineer, Metropolitan Electrical Division, Jalasampad Bhawan, (4th floor), Bidhannagar, Kolkata – 700091.

The intending agencies should submit their EoI as per list of items enclosed herewith. Rates and amounts should be filled up properly.

The quoted rates should be inclusive of all taxes/duties all complete.

Before submitting EOI, the intending contractor/bidder /Authorized Dealer/OEM should make themselves acquainted thoroughly with the local conditions prevailing at site of implementation of the work by undertaking field inspections and taking into consideration all probable likely factors and difficulties to be involved in execution of the work as per specification in all respects including transportation of materials, communication facilities, climate conditions, availability of materials in the market etc. and no claim whatsoever will be entertained on those accounts afterwards. He/She may contact this office in any working day in between 11 am to 3 p.m. intending agencies or their authorized representatives may remain present while opening of the sealed covers containing EoI's.

Selection of appropriate EOI is entirely vested upon the Quotation-cum-Bid Evaluation Committee (QBEC). The committee reserves the right to accept or reject any or all EoIs without assigning any reason thereof

Since, the Notice Inviting Expression of Interests (EoIs) is being made for subsequent Tender, no work order will be issued in favour of any agency against the EoI's. No payment whatsoever would be borne by I & W Department for submission of EoIs.

The intending agencies should submit the following and self-attested copies of the same are to be submitted with the EoI.

i) Credential Certificate:-

BOQ duly authenticated by issuing authority and work order.
Completion Certificate of 100% completed work of similar nature.

ii) Annual Turnover from business:-

Profit and loss accounts statement in the prescribed form with annual turnover of last three financial years or during the period since formation of the company/ Firm/society, if it was set up in less than three year period.

iii) Company Details like Trade license and others documents.

iv) Professional Tax Payment Certificate (PTPC) or Challan.

v) PAN Card.

vi) GST Registration Certificate. vii) Latest

I.T. Return.

Pre Bid Meeting :

Pre Bid meeting will be held in the office chamber of the E O I Inviting Authority on 07.11.2022 at 2 pm in order to acclimatize the prospective contractors/bidders through an interactive open session, replying to their queries, and clear doubts in connection with the work/s, if any.

Schedule of Dates for EoI's :

Sl No.	Activity	Date & Time	Remarks
1	Publishing Date	01.11.2022	
2	Pre Bid Meeting	07.11.2022 at 2.00 P.M	
3	E.o.I submission start date	09.11.2022 From 10.00 A.M	
4	E.o.I submission end date	16.11.2022 upto 3.00 P.M	
5	E.o.I opening date	16.11.2022 at 3.30 P.M	

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Executive Engineer
Metropolitan Electrical Division,
I & W Dte., Govt. of West Bengal

Schedule of Work

Name of Work: Supplying & delivery of 12.5M high mast shaft in Two sections suitable for 50 m/sec wind speed with head frame, winch mounting bracket, luminaries carriage suitable to install upto 09 nos Flood light LED luminaries with 0.75HP, single speed, 6pole integral motor, stainless steel wire rope : 2 nos continious rope of 5mm dia, AISI 304, 7/19 construction, breaking load capacity : 1350KG x 2, with Anchor fastening J type Bolt 4 Nos for installation at site under Irrigation and waterways department.

SL NO	Description of Items	Qty	Unit	Rate(Rs) (with Taxes)	Total Amount with Taxes (Rs)
1	Supplying & delivery of 12.5M high mast shaft in Two sections suitable for 50 m/sec wind speed as per IS: 875 part-III, with head frame, winch mounting bracket, luminaries carriage suitable to install upto 09 nos Flood light LED luminaries in symmetrical arrangement. Material construction : HR sheet steel conform to IS 2062 / BS EN 10025 or Equivalent. Base dia. and top diameter (A/F) : Top : 100 mm, Bottom : 360 mm Plate thickness : Top : 3 mm, Bottom : 3 mm, Cross section of Mast : 20 side polygon, galvanisation : As per BS EN ISO 1461, Size of opening and door at base : 1050 X 225 mm Diameter of base plate : 520 mm, Thickness of base plate : 25 mm, Lightning protection finial : GI Single spike, Max.wind speed : 50 m/s as per IS : 875 (Part - III), Number of foundation bolts : 4 Nos, PCD of foundation bolts : 445 mm, Type / diameter / length of foundation bolts : TS 600 / 24 mm dia / 850 mm long, Material of construction: 40 NB ERW Class B - M. S. Pipe, Diameter of carriage ring (mm) : 535mm ID, Construction : 9 arm welded 2 section, Trailing Cable Conductor : PVC Flexible (CU) Copper, 5 core, 2.5 sq mm, Type / SWL of winch : Double drum, SWL 350 Kg, with 0.75HP, single speed, 6pole integral motor, stainless steel wire rope : 2 nos continious rope of 5mm dia, AISI 304, 7/19 construction, breaking load capacity : 1350KG x 2, with Anchor fastening J type Bolt 4 Nos (M36 Grade) (Detail specification as per Annexure-I)	1	No.		

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Annexure Sheet : I

HIGH MAST SYSTEM

Make	:	Any reputed make
Height of mast	:	12.5 Meter,
No. of sections	:	Two
Material construction	:	HR sheet steel conform to IS 2062 / BS EN 10025 or Equivalent.
	:	
Base dia. and top diameter (A/F)	:	Top : 100 mm, Bottom : 360 mm
Plate thickness	:	Top : 3 mm, Bottom : 3 mm
Cross section of Mast	:	20 side polygon.
Standard for of galvanisation	:	As per BS EN ISO 1461
Size of opening and door at base	:	1050 x 225 mm
Diameter of base plate	:	520
Thickness of base plate	:	25 mm
Lightning protection finial	:	G.I single spike
Max.wind speed	:	50 m/s as per IS : 875 (Part - III)
Number of foundation bolts	:	4 nos.
PCD of foundation bolts	:	445 mm
1.2 M GI LIGHTNING bolts	:	FINIAL- 1 NOS.
Type / diameter / length of foundation bolts	:	TS 600 / 24 mm dia / 850 mm long

LUMINAIRES CARRIAGE

Material of construction	:	40 NB ERW Class B - M. S. Pipe
Diameter of carriage ring (mm)	:	535 mm (ID)
Construction	:	9 Arm, Welded, 2 sections
Load carrying capacity	:	09 Number of Luminaire

TRAILING CABLE

Conductor	:	Copper, 5 core, 2.5 sq mm
Insulation	:	PVC Flexible
No. of circuits per mast	:	One no. cable per mast

WINCH / POWER TOOL

Type / SWL of winch	:	Double drum, SWL 350 Kg
Method of operation	:	Integral Motor
Motor capacity	:	0.75 HP
No of speeds	:	6 Pole, Single speed
Torque limiter	:	With mechanical tripping facility

STAINLESS STEEL WIRE ROPE

Grade / construction	:	AISI 304, 7/19 construction
Number of ropes	:	Two continuous
Diameter (mm)	:	5 mm
Breaking load capacity	:	1350 kg x 2

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Copy submitted for favour of kind information to:

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 Deputy Secretary (Works) to the Govt. of West Bengal, I&W Department.
6. The Superintending Engineer, Metropolitan Drainage Circle, I&W Dte., Govt. of West Bengal.
7. The Superintending Engineer, Western Circle-I, I&W Dte., Govt. of West Bengal.
8. The Superintending Engineer, Eastern Circle, I&W Dte., Govt. of West Bengal.
9. The Superintending Engineer, Mechanical & Electrical Circle, I&W Dte., Govt. of West Bengal.
10. The Executive Engineer, Metropolitan Drainage Mechanical Division, I&W Dte.

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Copy forwarded for favours of kind information to:

1. The Assistant Engineer, Metropolitan Electrical Division.
2. The Sub-Divisional Officer/Metropolitan Electrical Sub-Division.
3. The Director of information, Department of Information & cultural Affairs, Nabanna, Shibpur, Mandirtala, Howrah-711102 for wide circulation.
4. The Estimating Section, Metropolitan Electrical Division.
5. The Accounts Section, Metropolitan Electrical Division.
6. Notice Board of Metropolitan Electrical Division.

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