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सत्यमेव जयते

भारत सरकार
GOVT. OF INDIA

पत्तन, पोत परिवहन और जलमार्ग मंत्रालय
Ministry of Ports, Shipping & Waterways

भारतीय अन्तर्देशीय जलमार्ग प्राधिकरण
INLAND WATERWAYS AUTHORITY OF INDIA

Pandu Port Complex, Pandu, Guwahati-781 012, Assam

No. IWAI/GHY/Mandovi/4(94)/2022-23/ 625

7th August 2024

To,

M/s Ghosh Enterprise
21/2, Baje Shibpur,
2nd Bye Lane, Shibpur, Howrah – 711 102

Sub:- Award of work for "Annual afloat repair of IWAI vessel CSD Mandovi for the year 2024-25" – reg.

Ref:- 1) NIT No.: IWAI/GHY/Mandovi/4(94)/2024-25
2) Your E-Bid no.: 3048837, dated 10.7.2024

Sir,

Inland Waterways Authority of India (IWAI), RO Guwahati is pleased to award the work for "Annual afloat repair of IWAI vessel CSD Mandovi for the year 2024-25" at a total cost of Rs. 6,75,700/- (Rupees Six lakh seventy five thousand and seven hundred only) plus GST as applicable. Further, Cost of Spares on actual plus 10% basis shall be reimbursed on submission of proper bills / invoices in accordance with the terms & conditions of the contract. Detailed Bill of quantity is attached as Annex- I.

2. It is requested to deposit an amount of Rs. 33,785 (Rupees Thirty three thousand seven hundred and eighty five only) i.e., 5 % of the contract value of the work either in the form of RTGS / NEFT through scheduled / nationalized banks in favour of "IWAI FUND PLAN" payable at Guwahati (or) in the form of irrevocable bank guarantee of any scheduled bank towards Performance Guarantee within 15 days from the issue of this letter as per **Clause 3** of General Conditions of Contract (GCC). **As per GCC Clause 29.6, you are also requested to take insurance policy mandatory before commencing the above work.** In addition to the above, a security deposit equivalent to 5% of the contract value (i.e., Rs. 33,785 (Rupees Thirty three thousand seven hundred and eighty five only) will be deducted from your 1st RA bill as per **Clause 4** of the General Conditions of Contract.

3. The payment shall be made as per the Bill of Quantity on satisfactory completion & certification of the items of works by EIC (or) his authorized representative. While submitting the bills, you have to indicate GST also, which may be paid by this office as per norms.

4. Time is the essence of this work. The whole work has to be completed within a period of **45 days** from the date of handing over the vessel. The work has to be completed as per Tender terms & conditions.

5. The cost of spares will be paid on an actual basis, submission of Proper GST bills in support of the purchase of spares is mandatory along with challan. The old spares replaced shall also be returned

6. Director, IWAI, Guwahati shall be the Engineer-In-Charge for the subject work.

7. It is requested to acknowledge the receipt of this work order and attend this office along with two non-judicial stamp papers of Rs. 200/- to enter into an agreement within 15 days.

Yours faithfully,

(Prabin Bora)
Director

E-mail: dirguw@iwai.gov.in
Phone:- 0361-2676925

Encl.: as above

Copy for information to (by E-mail):-

1. The Chief Engineer (Tech.), IWAI, Noida
2. The Dy. Director (Marine), IWAI, Noida
3. The Accounts Officer, IWAI, Guwahati.

Head Office :- I.W.A.I., A-13, Sector-1, NOIDA - 201 301 (U.P.)

• E-mail : iwainoi@nic.in • Phone No :- 0120-2543972, 2543973, 2544004, 2521664, 2544036, 2522971.

BOQ FOR ANNUAL AFLOAT REPAIR OF CSD MANDОВI FOR THE YEAR 2024-25

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
1.00	Servicing of genset engine make : Kirloskar, model no. 4R1040T, Capacity/Power: 83HP, Speed: 1500 RPM, is to be done with servicing & checking of self starter, dynamo, battery charger, safety system parameters likes LLOP switch, LLOP sensor, HCT switch, HCT sensor, LOT switch, LOT sensor and other accessories. Cooler to be cleaned, silencer, checking of exhaust line, crank shaft end clearance etc. with renewal of spares e.g. gauges,digital and analog meters installed on machine, engine room panel and wheel house. Coupling and hose pipes etc. has to be replace; as required as per direction of EIC.				
1.01	Labour charges	1	No.	100000.00	100000.00
1.02	Cost of spares/materials (actual + 10% basis)				
2.00	Electrical power distribution board in E/R along with engine room, wheel house, accomodation (lights, fans etc) ,engine room (including emergency lights), general alarm bell, D.C. horn, switch boards, lighting, halogen light, bed light, table light, light cover, exhaust fan, are to be checked and rectified as per direction of EIC.				
2.01	Labour charges	1	Comp. Job	40000.00	40000.00
2.02	Cost of material (actual bill/invoice + 10%)				
3.00	Greasing line points/nipples, grease pump of dredger pump (Make: Woerner , Type: PMF- B) and greasing arrangement(motor & pump etc) of ladder to be serviced/repared. All grease lines to be checked and repaired with renewal of its pipe, adaptor, nozzle, tube, coupling nut, connector, screw sleeve, coupler, grease pump and nipple etc as required as per direction of EIC.				
3.01	Labour charges	1	Comp. Job	30000.00	30000.00
3.02	Cost of spares/materials (actual + 10% basis)				
4.00	Fire extinguisher to be hydraulic tested, refilled with same refilling materials and made operational after renewal of accessories, certificate is to be produced as required as per direction of EIC.				
4.01	DCP 5 KG	1	No.	3500.00	3500.00
4.02	Mechanical foam type 9 Liters	6	No.	3500.00	21000.00
4.03	Water Co2 9 liters	1	No.	3500.00	3500.00
4.04	DCP 10 KG	2	No.	3500.00	7000.00
4.05	Replacement of any leaked cylinder(actual + 10% basis)				
5.00	Intallation of 300 W solar power unit with solar panel, inveter, 02 nos solar supported invatublar batteries (150 AH) and other applicable accessories towards output to control cabin and rest room as required as per direction of EIC including labour & Materials.				
5.01	Labour charges	1	Comp. Job	25000.00	25000.00
5.02	Cost of spares/materials (actual + 10% basis)				
6.00	Auxiliary spud gurd/bracket(Made of 2 nos pipe of dia -3.5 inch, length - 07 ft 4" and other structural members) is damaged. The structural members to be cut, refabricated and welded as per initial condition including labour and material as required as per direction of EIC.	1	Comp. Job	40000.00	40000.00
7.00	One no. attach bathroom's all accessories i.e taps, showers, comode top & cover, flush tank, valves, flushing tank pipe, complete wash basin, mirror, tiles and fitments etc to be renewed as required and ensure leakage proof of water. The crew cabin's basin tap, sink and other fitting also to be checked, repaired/renewed as required as per direction of EIC.				
7.01	Labour charges	1	Comp. Job	3500	3500.00
7.02	Cost of spares/materials (actual + 10% basis)				

8.00	All parameters & gauges fitted in control panel cabin including PLC based control system (specially timer relay for activation of hydraulic system), dredge pump clutch control switch, carriage joystick, vacuum gauge, exhaust gauges, seas water pressure, fresh water pressure, fuel pressure and engines speed control regulator to be checked, calibrated and replace (if required). Spud and winches speed control regulators to be inspect and repaired as required as per direction of EIC.				
8.01	Labour charges	1	Comp. Job	20000.00	20000.00
8.02	Cost of spares/materials (actual + 10% basis)				
9.00	OBM engine (Yamaha make: 25 HP) with all accessories like fuel tank, fuel pipes, fuel pipe connector nipples etc to be repaired/serviced as required as per direction of EIC.				
9.01	Labour charges	1	Comp. Job	35000.00	35000.00
9.02	Cost of spares/materials (actual + 10% basis)				
10.00	Repair and servicing of pulleys { total 08 in nos (02 in nos. side anchor winch pulley (Dia: ø 350 mm), 04 in nos. ladder gantry stay wire pulley (Dia: ø 500 mm) , 02 in nos side sheave pulley(Dia: ø 500 mm)}. With its side sheave blocks, pulley Bushes(Mat: Phosphorous Bronze) and its pins including their winches hydraulic ram seal and brake shoes required to be checked for wear and tear and its clearance (if not repaired then relaced) as required as per direction of EIC/Surveyor.	1	Comp. Job	40000.00	40000.00
11.00	Main Engine exhaust trucking pipes to be opened inspect & then lagging back with glass wool & ducting with aluminium sheet, putting doubler of pipes bottom at the deck for strengthing and water proofing of exhaust pipes from deck side & changing of damaged Nuts and bolts as per direction of EIC.				
11.01	Labour charges	1	Comp. Job	10000.00	10000.00
11.02	Cost of spares/materials (actual + 10% basis)				
12.00	Plumbing work for fittment of addition overhead water tank of 500 ltrs with its securing arrangement and pipe lines for supply of water in rest room and washroom, fittment of additional wash basin outside rest room as required as per direction of EIC.				
12.01	Labour charges	1	Comp. Job	7000	7000.00
12.02	Cost of spares/materials (actual + 10% basis)				
13.00	Servicing of 03 pumps including motors (a) Sea water pump including motors (Make : BE Pumps Pvt Ltd, Type: SH65-160-MN2-316 Discharge 30 CuM/ Hr RPM 2900), (b) Fresh water pump including motors (Make : Seemso Make Bare pump SUP- 80x40-200 coupled with Kirloskar make 10 HP/7.5 KW 3 Phase 2900 RPM Electric motor mounted on common base) (c) Hydrophore pump with motor (Make BE Pump model type: A02110K-1B-MS3-WCE, Cap 0.8 cum/hr@2.50 bar< suction pressure gauge-1 to 1 Kg/cm2) as per directive of EIC.				
13.01	Labour charges	3	Comp. Job	20000.00	60000.00
13.02	Cost of spares/materials (actual + 10% basis)				
14.00	Repair and servicing of pulleys { total 04 in nos (02 nos. side anchor winch pulley (Dia: ø 350 mm), 02 nos. ladder gantry stay wire pulley (Dia: ø 500 mm) and its pins including their winches hydraulic ram seal and brake shoes required to be checked for wear and tear and its clearance (if not repaired then relaced) as per direction of EIC .				
14.01	Labour charges	4	Comp. Job	10000.00	40000.00
14.02	Cost of spares/materials (actual + 10% basis)				
15.00	Fitted Boat davit to be replaced with Hydraulic deck crane marine with maximum lifting Capacity 20 tons & Height 15 Ft along with connection with existing hydraulic pump & hydraulic pipe as required as per direction of EIC.				
15.01	Labour charges	1	Comp. Job	20000.00	20000.00
15.02	Cost of spares/materials (actual + 10% basis)				
16.00	Installation of VHF in wheel house for clear and sound communication with other vessels as required as per direction of EIC/Surveyor.				

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16.01	Labour charges	1	Comp. Job	25000.00	25000.00
16.02	Cost of spares/materials (actual + 10% basis)				
17.00	Servicing of bilge suction pipe valve of dredge pump to make fully operational as required as per direction of EIC/Surveyor.				
17.01	Labour charges	1	Comp. Job	30000.00	30000.00
17.02	Cost of spares/materials (actual + 10% basis)				
18.00	Guard Railing, Make: GI Galvanised pipe, 40 NB, Dia 35 (mtrs) and 20 NB Dia (70 Mtrs), 62 nos. Flat bar (MS Grade- B) Thickness- 65 * 16 Thk*1100mm and 37 nos. Flat bar (MS Grade- B) Thickness - 65 * 16 thk*675mm to be straighten, welded and securing with S.S. nuts and bolts including labour, material and consumable charges as per drawing.	1	Comp. Job	9200	9200.00
19.00	Navguard system/Navigational Dredge profile gyroscopic system(Make:Damen) has to established by installation of GPS/echosounder based computer arrangement in wheel house. The same is synchronised with all functions/operation like anchor swing and depth etc displayed in monitor as required as per direction of EIC/Surveyor.				
19.01	Labour charges	1	Comp. Job	30000.00	30000.00
19.02	Cost of spares/materials (actual + 10% basis)				
20.00	Servicing of wheel house split A.C. with cleaning and gas filling etc as required as per direction of EIC.				
20.01	Labour charges	1	Comp. Job	8000	8000.00
20.02	Cost of spares/materials (actual + 10% basis)				
21.00	Servicing of blower as required as per direction of EIC.				
21.01	Labour charges	2	No.	15000.00	30000.00
21.02	Cost of spares/materials (actual + 10% basis)				
22.00	Installation of walkie talkie with all electrical connection and at user friendly/ easily visible location in wheel house as required as per direction of EIC.				
22.01	Labour charges	1	Comp. Job	8000	8000.00
22.02	Cost of spares/materials (actual + 10% basis)				
23.00	M.S. dredge pipe of deck has leakage, the same has to be arrested by welding, gas cutting and putting plate etc. as required as per direction of EIC.	1	Comp. Job	30000.00	30000.00
Total Labour cost (in Rs.)					675700.00

(Rupees Six lakh sseventy five and seven hundred only)

Note:

1. Cost of spares on actual plus 10% basis shall be reimbursed during submission of proper bill / invoices
2. GST extra as applicable

