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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/Tapi/4(134)/2024-25/613

5th August 2024

To,

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

Sub:- Award of work for "Dry dock repair of IWAI vessel CSD Tapi for the year 2024-25" – reg.

Ref:- 1) NIT No.: IWAI/GHY/Tapi/4(134)/2024-25
2) Your E-Bid no.: 3056896, dated 24.7.2024

Sir,

Inland Waterways Authority of India (IWAI), RO Guwahati is pleased to award the work for "Dry dock repair of IWAI vessel CSD Tapi for the year 2024-25" at a total cost of Rs. 20,56,700/- (Rupees Twenty lakh fifty six 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. 1,02,835/- (Rupees One lakh two thousand eight hundred and thirty 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. 1,02,835/- (Rupees One lakh two thousand eight hundred and thirty 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 **60 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.

Encl.: as above

Yours faithfully,


(Prabin Bora)

Director

E-mail: dirguw@iwai.gov.in

Phone:- 0361-2676925

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

1. The Chief Engineer (Tech.), IWAI, Noida
2. The Dy. Director (Marine), IWAI, Noida
3. The Director (I/C), IWAI, Kolkata – for necessary action and assistance
4. 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 DRY DOCK REPAIR OF CSD TAPI FOR THE YEAR 2024-25

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Rate	Amount
1.00	Beaching, blocking, unblocking including dock hire/ mooring charges as required to be done for dry docking of vessel.	1	Comp. Job	100000.00	100000.00
2.00	Ultrasonic testing to be made on hull, deck plate and hull to LWL, Ship side plate for thickness as per direction of surveyor/EIC.	400	Spot	100.00	40000.00
3.00	Cropping & renewal of underwater plate including main deck rail guard, deck plate, Guard Rail, bollard plate, Ship side plate & other fitments after Ultrasonic testing & Inspection of Surveyor/EIC as per report of Ultrasonic test.	1500	Kg	125.00	187500.00
4.00	Surface preapration and Painting of the under water hull plate and side plate to be done by 3 coat with marine quailty paint (anti corrossive coating) including primer from keel to LWL including scrapping, wire brushing.	350	Sqm	300.00	105000.00
5.00	Surface preapration and Painting of the entire ship side shell plate from LWL to main deck, main deck plate, superstructure, "A" Bracket, cutter unit, sud carriage unit, dredge discharge pipe, both spud, Deck Crane, ballast tank, engine room, man holes, bollards, SPUD, SPUD bracket carriage, vent, cutter ladder, deck crane, railing, chain and outside alongwith other fitment & stores are to be proper cleaned, chipped, scrapped, wire brushed, and painted by three coats of existing colour marine quality paint and one coat primer. All pipe lines should be coloured as per marine color code. After it name of vessel, Deptt. and logo to be made by fluroescent sticker as required as per direction of EIC/ Surveyor.	1400	Sqm	300.00	420000.00
6.00	Checking of Cathodic Protection Anodes {(a) dimesion 530x150x30, wt 4.5 kg, qty: 19 (b) dimesion 400x90x40, wt 2 kg, qty: 14} as per existing arrangement and replaced the damaged Anode as per directive of EIC/ surveyor				
6.01	Labour charges	1	No.	10000.00	10000.00
6.02	Cost of spare (actual + 10% basis)				
7.00	All main sea chest suction valves including line valves along with its entire connected pipe lines, Mud Box, Tanks sounding caps stuck, to be heated and loosen, Strainer to be removed, checked, tested and serviced, repaired/ renewed if any damage and fitment back as per OEM drawing as per direction of /IWT Surveyor.				
7.01	Labour charges	1	No.	30000.00	30000.00
7.02	Cost of spare (actual + 10% basis)				
8.00	Rubber beedings in water tight doors (05 in nos.), water tight Hatches (07 In nos), Rubber joints of 02 in nos water blast tank (18.12 mtrs cub), 02 in nos fuel oil tank {01. fuel tank of capacity (25.87 cum) & 02. fuel tank capacity (15.53 Cum)}, 02 in fresh water tank (10.35Cum & 5.18 Cum), sewage tank to be repired and tightened as per drawing with studs & Bolts including paitinng and pressure tested as per drawing with labour, material & consumable charges as per directive of EIC/ surveyor				
8.01	Labour charges	1	No.	20000.00	20000.00
8.02	Cost of spare (Actual + 10% basis)				

9.00	Checking of A.C /D.C electrical Line, Switch Boards, 02 nos. Circuit breaker fitted in switch board and its interlock with other circuit breakers, Switch sockets, switches of lighting for control cabin to be repaired/ replaced with new one and lighting for rest room with 12 W Led Lights (qty 10), Lighting of Engine room, pump room & stores to be repaired/ replaced with water tight LED tubelights against existing candle tubelights (qty 32 in nos), dimmer light (03 DC Lights in control cabin & Rest room), Search Light, Navigational lights, operating pannels of wheel house & engine room, Deck lights, Operator Cabin Engine pannel Board to be cheked and repaired. if required replaced as per directive of EIC/ surveyor				
9.01	Labour charges	1	No.	60000.00	60000.00
9.02	Cost of spare (actual + 10% basis)				
10.00	All parameters & gauges fitted in control panel cabin including PLC based control system (STBD CT not working and SPUD Carriage sensor to be reapiir / Relaced and made operational), dredge pump clutch control switch, carraige joystick and engines speed control regulator to be checked, calibrated and replace (if required). Spud and winches speed control regulators malfunctioning to be checked and repaired as per direction of EIC and inspection of Surveyor				
10.01	Labour charges	1	No.	32000.00	32000.00
10.02	Cost of spare (actual + 10% basis)				
11.00	Repair and servicing of pullies { 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 sheeve pulley(Dia: ø 500 mm)} with its side sheave blocks, Pulley Bushes(Mat: Phosporous 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 per direction of EIC and inspection of Surveyor.				
11.01	Labour charges	8	No.	10000.00	80000.00
11.02	Cost of spare (actual + 10% basis)				
12.00	Guard Railing, Make: GI Glavanised 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 nuts and bolts including labour, material and consumable charges as per drawing.				
12.01	Labour charges	1	No.	30000.00	30000.00
12.02	Cost of spare (actual + 10% basis)				
13.00	Removal & Servicing of cutter motor, Service of winch motor and checking of hydraulic leakage if any as per existing drawing, as per directive of EIC/ surveyor.				
13.01	Labour charges	1	No.	30000.00	30000.00
13.02	Cost of spare (actual + 10% basis)				
14.00	Repair/ Replacement of False Ceiling Cermica in Control cabin (Area 15*8 Sq feet), Replacement/ Repair of Control Cabin wooden Door (Dim:1630 mmX 630mmX 30 mm) with sliding and both side locking arrangement & Bathroom door (Dim:1630 mmX 630mm X30 mm) with both side locking arrangements , Woode drawer Locking arragement, Supply of Operator Chair, Replacement of wind shield broken Glass (8mm Thk) & wiper blades (Size 36"), Replacement of Roller blinds (08 in nos), as per existing fitment and as per directive of EIC/ Surveyor.				
14.01	Labour charges	1	No.	40000.00	40000.00
14.02	Cost of spare (actual + 10% basis)				

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15.00	Repair and service of 02 nos side anchor winches (Dia: 29 mm*100 mm, brk Strength 560 KN), supplies and fitments of (a) 01 in nos side winch to anchor stay wire (Dim. 32 mm* 100 mtrs Length, Mat: Gal Steel) with one end thimble for rope dia 32 mm and "D" sackle capacity 25 tons, (b) 02 in spud hoisting wire (Dim: 25 mm Dia*6360 mm Length Mat: Galvanised Steel) with both end thimble and "D" sackel Cap:25 Tons (c) Supply of 02 in Nos. wire rope 150 mtrs (Dia 29mm) , as per existing sample/ drawing and direction of EIC/ Surveyor.				
15.01	Labour charges	8	No.	5000.00	40000.00
15.02	Cost of spare (actual + 10% basis)				
16.00	Navigation Dredge control gyroscopic system including DGPS not working repair of computer and installation of latest Gyro based software with all the computer accessories to be fitted and make it operation as per directive of EIC.				
16.01	Labour charges	1	No.	60000.00	60000.00
16.02	Cost of spare (actual + 10% basis)				
17.00	Main Engine, Auxiliary Engine and harbor generator 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 strengthening and water proofing of exhaust pipes from deck side & changing of damaged Nuts and bolts as per direction of EIC/ Surveyor				
17.01	Labour charges	1	No.	30000.00	30000.00
17.02	Cost of spare (actual + 10% basis)				
18.00	Major overhauling of Harbour generator engine (Make: Kirloskar Capacity: 82 BHP, Model: 4R1040T RPM @ 1500 Total Running Hours: 323905 hrs, is to be done with checking, servicing and renewal spares e.g liner, piston, rings, valves, heads, self starter, dynamo, battery charger, safety system parameters like LLOP switch, LLOP sensor, HCT switch, HCT sensor, LOT switch, LOT sensor and other accessories along with calibration of fuel pump, injectors, cooling water pumps, radiator cleaning etc as shall be done as required. Cooler to be cleaned, silencer, checking of exhaust line, crank shaft end clearance etc. with renewal of spares e.g. gauges, digital and analogue meters installed on engine room as well as wheel house, coupling and hose pipes etc. as required as per direction of EIC/ Surveyor.				
18.01	Labour charges	1	No.	30000.00	30000.00
18.02	Cost of spare (actual + 10% basis)				
19.00	Both engines (i.e main and aux engine) fresh water expansion tanks (Cap : 100 Ltrs and 50 Ltrs respectively) discharge pipes rusted and holed to be repair/renewed as per direction of EIC/ Surveyor.				
19.01	Labour charges	2	No.	20000.00	40000.00
19.02	Cost of spare (actual + 10% basis)				
20.00	Name tally for all compartments/ tanks/ equipment damaged/paited to be renewed as per existing drawing.	1	Comp. Job	30000.00	30000.00
21.00	Cutter well mouth strainer to be repaired/renewed with grating of mesh suitable to prevent stones entering in pump casing as required as per direction of EIC/ Surveyor.				
21.01	Labour charges	1	No.	10000.00	10000.00
21.02	Cost of spare (actual + 10% basis)				

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Fire extinguisher to be pressure tested, serviced and refilled with same material and made operational, testing certificate to be produced as required as per directive of EIC/ Surveyor.					
33.01	Water Type 9 Ltrs	1	No.	3500.00	3500.00
33.02	DCP type- 5 kgs	2	No.	3500.00	7000.00
33.03	Mechanical Foam type -9Ltrs	6	No.	3500.00	21000.00
33.04	DCP type - 10 kgs	2	No.	3500.00	7000.00
34.00	Auxiliary spud gurat/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/ surveyor.	1	Comp. Job	60000.00	60000.00
35.00	One no. attached bathroom's All accessories i.e Taps, showers, commode top and cover, flush tank, door & Lockers locks, valve, flusing tank pipe, complete wash basin , mirror etc and fitments to be renewed as required and leakage proof of water. The galley, cabin Basin tap, sink and other fittings also to be checked , reapirod/ renewed as required as per direction of EIC/ Surveyor.	1	Comp. Job	34200	34200.00
36.00	Greasing line points/nipples and grease pump of dredger pump (Make: Woerner, Type: PMF- B) to be repaired with renewal of spare parts as required as per direction of EIC/ Surveyor. All grease lines to be checked and reapirod 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/Surveyor.	1	Comp. Job	30000.00	30000.00
Total Labour Cost (in Rs.)					2056700.00

(Rupees Twenty lakh fifty six thousand 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

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