



Phone : 0361-2676925, 2676929, 2570099
Email : dirguw.iwai@nic.in
Website : www.iwai.nic.in



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/Bhagat/4(09)/2022-23/ 671

20th August 2024

To,

M/s French Enterprise
5, Dr. Sudhir Bose Road, Khidderpore,
Kolkata, West Bengal – 7 00 023

Sub:- Award of work for “Dry dock repair of IWAI vessel PT Bhagat Singh for the year 2024-25” – reg.

Ref:- 1) NIT No.: IWAI/GHY/Bhagat/4(09)/2024-25
2) Your E-Bid no.: 3060554, dated 29.7.2024

Sir,

Inland Waterways Authority of India (IWAI), RO Guwahati is pleased to award the work for “Dry dock repair of IWAI vessel PT Bhagat Singh for the year 2024-25” at a total cost of Rs. 17,38,500/- (Rupees Seventeen lakh thirty eight thousand and five 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. 86,925/- (Rupees Eighty six thousand nine hundred and twenty 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.** Further, Security Deposit shall be deducted from each running bill @10% of the gross amount of bill till the security deposit amount along with EMD becomes 5% of total contract value (i.e., labour cost + cost of spares).

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.

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 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 PT BHAGAT SINGH 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 for repair of vessel as required.	1	Comp. job	150000.00	150000.00
2.00	Ultrasonic testing to be done of hull, deck plate & LWL ship side plate, etc for checking of thickness as per direction of IWT Surveyor / EIC.	400	Spot	90.00	36000.00
3.00	Cropping & renewal of damaged/wasted under water, deck plate, guard railing, air vents, engine room vents, stiffeners etc with existing thickness as required after ultrasonic testing & its report as per direction of IWT Surveyor/ EIC.	1500	KG	120	180000.00
4.00	Sea chest, Mud Box, Strainer to be checked, repaired, cleaned and painted as required as per direction of IWT Surveyor/ EIC.	1	Comp. job	25000	25000.00
5.00	All Fresh water valves, HSD valves, LO valves, fire line valves, sea water valves, obd valves etc to be pressure tested, serviced / renewed as required as per direction of EIC / surveyor.	1	Comp. job	25000	25000.00
6.00	Cleaning and painting of bilges with one coat primer and 2 coats of marine quality paints as per direction of EIC/Surveyor.	1	Comp. job	25000	25000.00
7.00	Under water hull plate & side plate to be scraped & chipped & wire brushed from keel to LWL to remove fouling and paints and made suitable for inspection / painting. Painting of hull plate & side plate to be done by 3 coat as per painting scheme from keel to water level as required as per direction of IWT Surveyor/ EIC.	300	Sqr. Mtr.	180	54000.00
8.00	The entire ship side shell plate from LWL to main deck, deck plate, superstructure, bathroom, galley, engine room, store, wheel house, railing, railing chain, crew room, roof, bollard, draft mark, mast frame, syntax water tank frame, void space, rudder room with cover, hatch cover, man hole cover, blower, inside/outside walking passage, stairs with railing and outside along with other fitment etc, are to be proper cleaned, scrapped, wire brushed, chipped and painted by 3 coats of existing color marine paint. (1 coat zinc chromate primer, followed by two coat of existing color of marine paints). All pipe lines should be colored as per marine color code. After it name of vessel, deptt. and logo to be made by fluorescent sticker as required as per direction of EIC.	900	Sqr. Mtr.	170	153000.00
9.00	It is reported that main genset's turbo charger has leakage the same has to be rectified. Servicing of both Kirloskar make Genset model no. TAF2 capacity 9.8 KW and model no. HA394 capacity 32 HP respectively is to be done with checking, servicing and renewal of spares e.g self starter, battery charger, turbocharger(leakage reported), safety system parameters likes LLOP switch, LLOP sensor, HCT switch, HCT sensor, LOT switch, LOT sensor and other accessories. Along with cooling water pumps etc as shall be done as required. Cooler to be cleaned; checking of exhaust line, silencer, gauges, digital and analog meters installed on engine room as well as wheel house. Coupling and hose pipes etc. has to be replace; as required as per direction of EIC/ Surveyor.				
9.01	Labour charges	2	No.	45000	90000.00
9.02	Cost of spares on actual plus 10% basis.				

✓

Contd.. P/2

Cont.

- 2 -

10.00	Both genset's alternator(10 KVA & 24 KVA) to be overhaul including exciter, AVR check, insulation checking, heat varnishing and megger testing etc is to be done as required as per direction of EIC/ Surveyor				
10.01	Labour charges	2	No.	15000	30000.00
10.02	Cost of spares/material on actual plus 10% basis.				
11.00	It is reported that heavy black smoke came from both main engine. Diesel entering in port side main engine's lube chamber and it's head gasket has leakage, the same has to be rectified. Servicing of both main engine Make : Cummins, Model : NT-855M, Capacity : 270 BHP is to be done with checking, servicing and renewal of spares e.g self starter, battery charger, safety system parameters likes LLOP switch, LLOP sensor, HCT switch, HCT sensor, LOT switch, LOT sensor and other accessories. Along with cooling water pumps etc as shall be done as required. Cooler to be cleaned; checking of exhaust line, silencer, gauges, digital and analog meters installed on engine room as well as wheel house. Coupling and hose pipes etc. has to be replace; as required as per direction of EIC/ Surveyor.				
11.01	Labour charges	2	No.	28000	56000.00
11.02	Cost of spares/material on actual plus 10% basis.				
12.00	It is reported that battery charger and engine room's electric panel board's MCB was not working, the same has to be rectified. Entire AC&DC line/wiring, accomodation, engine room (including emergency lights), general alarm bell, D.C. horn, siren, switch boards, MCBs, navigational lights, search light, fire alarm, exhaust fan, wipers & other fittings etc. are to be checked and rectified as required as per direction of EIC/ Surveyor.				
12.01	Labour charges	1	Comp.J ob	30000	30000.00
12.02	Cost of spares/material on actual plus 10% basis.				
13.00	Fire extinguisher to be hydraulic tested, refilled with same materials after renewal of accessories. Certificate is to be submitted as required as per direction of Surveyor/ EIC.				
13.01	DCP 5 KG	4	No.	3000.00	12000.00
13.02	Mechanical foam type 9 Ltr	2	No.	3000.00	6000.00
13.03	Water Co2 9 liters.	2	No.	3000.00	6000.00
13.04	Replacement of any leakage cyliner (actual + 10%)				
14.00	HSD reserve tank (Capcity- approx 5000 liters) to be opened and cleaned including labour & materials as required as per direction of EIC .	2	No.	35000	70000.00
15.00	HSD service tank (cap- approx 300 liters) to be opened and cleaned including labour & materials as required as per direction of EIC .	2	No.	8000.00	16000.00
16.00	Hatch cover's rubber packing and nut bolt of SS to be renew to make it waterproof as required as per direction of EIC/Surveyor.	3	No.	10000.00	30000.00
17.00	Engine and Genset's Exhaust trunking pippeline glass wool covering to be fitted(engine room and deck) as required as per direction of EIC.				
17.01	Labour charges	1	Comp.J ob	25000.00	25000.00
17.02	Cost of spares/material on actual plus 10% basis.				


 Contd... P/3

18.00	Manhole door's plating, rubber gasket, and nut bolts(to be SS) found damaged same to be repaired/renewed as required as per direction of EIC/Surveyor.	4	No.	5000.00	20000.00
19.00	The galley's basin tap, sink, discharge pipe, stainer and other fitting to be checked then repaired/renewed. One no. attach bathroom's all accessories i.e taps, showers, comode & cover, flush tank, door & locks, valves, flushing tank pipe, complete wash basin, mirror, jet, exhaust window, soap stand, overhead tank with cover, towell rod, tiles, cloth hanger etc and fitments to be checked and rectified/renewed as required. Ensure leakage proof and free flow of water from over head tank. Crew bathroom ceiling (10 square metre plating)to renew /repair as required as per direction of EIC/Surveyor.				
19.01	Labour charges	1	Comp.J ob	15000.00	15000.00
19.02	Cost of spares/material on actual plus 10% basis.				
20.00	Weather tight door's rubber packing to be renew, material similar to existing one, as required as per direction of EIC/Surveyor.	4	No.	5000.00	20000.00
21.00	Installation of 300 W solar power unit with solar panel, batteries and other applicable accessories with output to vessel's apparatus as required as per direction of EIC/ Surveyor.				
21.01	Labour charges	1	Comp job	70000.00	70000.00
21.02	Cost of spares/material on actual plus 10% basis.				
22.00	Both side rudder assembly to be dismantled, rudder stock, shaft and bushes to be checked and if required same to be build up as per existing as required as per direction of Surveyor/EIC.				
22.01	Labour charges	2	No.	17000	34000.00
22.02	Cost of spares/material on actual plus 10% basis.				
23.00	Both side propeller, shafts and bushes are to be opened for clearance check. Inspection of turners, bushes, shaft and blade etc then repaired & fairing with same composition of materials as required as per direction of Surveyor/EIC.				
23.01	Labour charges	2	No.	23000	46000.00
23.02	Cost of spares/material on actual plus 10% basis.				
24.00	It is reported that, stbd side main engine's heat exchanger base 3 nos. nut was damaged. The same has to be replaced and rectified as required as per direction of EIC/surveyor.				
24.01	Labour charges	1	Comp.J ob	30000	30000.00
24.02	Cost of spares/material on actual plus 10% basis.				
25.00	Gear lever for increasing/decreasing the speed of main engine mounted on wheel house has to be serviced with renewal of spares/materials as required as per direction of EIC/surveyor.				
25.01	Labour charges	1	Comp.J ob	28000	28000.00
25.02	Cost of spares/material on actual plus 10% basis.				
26.00	Joystick and wooden wheel for manouvering the rudder mounted on wheel house has to be serviced with renewal of spares/materials as required as per direction of EIC/surveyor.				
26.01	Labour charges	1	Comp.J ob	20000.00	20000.00

could..

-4-

26.02	Cost of spares/material on actual plus 10% basis.				
27.00	Panel board installed on wheel house for observing various parameters and indicators are out of order. Electric panel board of wheel house also required servicing. Both has to be rectified with renewal of materials as required as per direction of EIC/Surveyor.				
27.01	Labour charges	1	Comp.J ob	30000.00	30000.00
27.02	Cost of spares/material on actual plus 10% basis.				
28.00	Sacrificial(zinc) anodes to be renewed as required as per direction of EIC/Surveyor.	16	No.	3000.00	48000.00
29.00	All fresh water pump and sea water pump with motors to be serviced to make fully operational as required as per direction of EIC/surveyor.				
29.01	Labour charges	4	No.	36000	144000.00
29.02	Cost of spares/material on actual plus 10% basis.				
30.00	All fire pipe line & fire hydrant valves to be checked and serviced to make operational in full pressure as required as per direction of EIC/surveyor.				
30.01	Labour charges	1	Comp.J ob	10000.00	10000.00
30.02	Cost of spares/material on actual plus 10% basis.				
31.00	Installation of Hotplate at galley with all connection like electrical and mounting etc as required as per direction of surveyor/EIC.	1	Comp.J ob	80000.00	80000.00
32.00	Installation of chimney make Kutchina Angela 90 Premium at galley with all connection like electrical and mounting etc as required as per direction of surveyor/EIC.	1	Comp.J ob	40000.00	40000.00
33.00	Supply and fitting of walkie talke in wheel house as required as per direction of surveyor/EIC.	1	Comp.J ob	20000.00	20000.00
34.00	It is reported that towing hook not working and it's wooden structure was damaged. Both has to be rectified to make fully operational as required as per direction of EIC/Surveyor.				
34.01	Labour charges	1	Comp.J ob	10000.00	10000.00
34.02	Cost of spares/material on actual plus 10% basis.				
35.00	It is reported that wheel house battery box and ancor panel board box(both wooden) has damaged the same has to be repaired as required as per direction of EIC.				
35.01	Labour charges	1	Comp.J ob	10000.00	10000.00
35.02	Cost of spares/material on actual plus 10% basis.				
36.00	Anchor chain is to be drawn out, cleaned, calibrated, serviced and painted along with chain compartment. Windlass to be serviced as required as per direction of EIC/Surveyor.				
36.01	Labour charges	1	Comp.J ob	15000.00	15000.00
36.02	Cost of spares/material on actual plus 10% basis.				
37.00	Sewage tank and motor with line to be checked, cleaned and rectified as required as per direction of EIC/Surveyor.				
37.01	Labour charges	1	Comp.J ob	15000.00	15000.00
37.02	Cost of spares/material on actual plus 10% basis.				

N

could..

P/g

could.

-5-

38.00	All Rotary hand pump to be serviced to make fully operational as required as per direction of EIC/Surveyor.				
38.01	Labour charges	1	Comp. Job	14500	14500.00
38.02	Cost of spares/material on actual plus 10% basis.				
	Total Labour Cost (in Rs.)				1738500.00

(Rupees Seventeen lakh thirty eight thousand and five 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