



Phone :- 0361-2676925, 2676929, 2570099

Email :- dirguw.iwai@nic.in

Website :- www.iwai.nic.in



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)/2023-24/ 733

5th September 2023

To,

M/s Das Consultancy & Agency Services
81, Mridula Bhawan, Chatribari
Guwahati – 700001, Assam

Sub:- Work order for “Annual Afloat repair of PT Bhagat Singh for the year 2023-24” – reg.

Ref:- 1. NIT No.: IWAI/GHY/Bhagat/4(09)/2023-24, dt 10.8.2023

2. Your E-Bid no.: NIL, dt 14.8.2023

Sir,

With reference to the above, Inland Waterways Authority of India (IWAI), RO Guwahati is pleased to place the work order for “Annual Afloat repair of PT Bhagat Singh for the year 2023-24” at a total cost of **Rs. 19,99,800/- (Rupees Nineteen lakh ninety-nine thousand and eight hundred only)** which is 0.01% less to print amount of NIT **exclusive of GST as applicable** in accordance with the terms & conditions of the contract. Detailed Bill of Quantity is attached as Annexure – I for your reference.

2. It is requested to deposit an amount of **Rs. 99,990/- (Rupees Ninety nine thousand nine hundred and ninety only)** as Performance Guarantee i.e., 5 % of the contract value of the work within 15 days from the issue of this letter as per Clause 3 of General Conditions of Contract (GCC). In addition to the above, a security deposit equivalent to 5% of the contract value i.e., **Rs. 99,990/- (Rupees Ninety nine thousand nine hundred and ninety only)** will be deducted from RA bills as per Clause 4 of the General Conditions of Contract.

3. The payment shall be made as per Clause 40 “Payment on Account” of the General Conditions of Contract (GCC).

4. The contractor shall commence the work at the respective site within 7 days of the issue of letter of award.

5. The whole work has to be completed within a period of 40 days from receipt date of this letter. The work has to be completed as per terms & conditions of contract.

6. In Case of delay in completion of work, the liquidity damage @1.5% per month subject to a maximum of 10% will be applicable as per Clause 35 of General Conditions of Contract (GCC).

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

8. 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 7 days.

Yours faithfully,

Encl:- as stated above

(A. Selvakumar)

Director

E-mail: aselvakumar.iwai@nic.in

Phone:- 0361-2676925

Copy to:-

The Jr. 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, 2453973, 2544004, 2521664, 2544036, 2522971.

BOQ for Annual afloat repair of PT Bhagat Singh for the year 2023-24

S.No.	Item Description	Unit	Qty	Rate (in Rs.)	Labor Charges (in Rs.)	Cost of Spares (In Rs.)
1.00	Major overhauling of both Kirloskar make Genset model no. TAF2 capacity 9.8 KW and model no. HA394 capacity 32 HP is to be done with checking, servicing and renewal of spares e.g liner, piston,rings,valves,heads, self starter, dynamo, battery charger, safety system parameters likes switches, sensors 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; checking of exhaust line, silencer, crank shaft end clearance, 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.					
1.01	Labour charges	No.	2	24998	49996.00	
1.02	Cost of spares on actual plus 10% basis.	Comp.J ob	1	99990		99990.00
2.00	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					
2.01	Labour charges	No.	2	9999	19998.00	
2.02	Cost of spares (actual + 10%)	Comp.J ob	1	49995		49995.00
3.00	Major overhauling 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 liner, piston,rings,valves,heads, self starter, dynamo, battery charger, safety system parameters likes 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; checking of exhaust line, silencer, crank shaft end clearance, 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.					
3.01	Labour charges	No.	2	34997	69994.00	
3.02	Cost of spares on actual plus 10% basis.	Comp.J ob	1	149985		149985.00
4.00	Mud box and strainer to be opened and cleaned with renewal of gasket and nut bolt as required as per direction of EIC/Surveyor.	Comp job	1	14999	14999.00	
5.00	2 nos halogen , 4 nos quick flashinglight and 15 nos cfl bulbs need to renewed .Control panel switch and MCBs of genset to be overhauled and all trips to check. 1 nos deck lighting and fitting is damaged same to be repaired. Entire AC&DC line/wiring, accomodation, engine room (including emergency lights), general alarm bell, D.C. horn, siren, battery charger, 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.					
5.01	Labour charges	Comp.J ob	1	39996	39996.00	
5.02	Cost of spares on actual plus 10% basis.	Comp.J ob	1	39996		39996.00

37

S.No.	Item Description	Unit	Qty	Rate (in Rs.)	Labor Charges (in Rs.)	Cost Spares (In Rs.)
6.00	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.					
6.01	DCP 5 KG	No.	4	3499.65	13998.60	
6.02	Mechanical foam type 9 Ltr	No.	2	3499.65	6999.30	
6.03	Water Co2 9 liters.	No.	2	3499.65	6999.30	
7.00	HSD reserve tank (Capacity- approx 5000 liters) to be opened and cleaned including labour & materials as required as per direction of EIC .	No.	2	9999	19998.00	
8.00	HSD service tank (cap- approx 300 liters) to be opened and cleaned including labour & materials as required as per direction of EIC .	No.	2	7999	15998.00	
9.00	Supply of 8 nos of life jacket with vessel name as per statutory standards and safety guidelines as required as per direction of EIC/Surveyor.	No.	8	2999.7	23997.60	
10.00	Supply of 4 nos of life buoy with vessel name as per statutory standards and safety guidelines as required as per direction of EIC/Surveyor.	No.	4	4999	19996.00	
11.00	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.					
11.01	Labour charges	No.	3	999.9	2999.70	
11.02	Cost of spares (actual + 10%)	Comp.J ob	1	14999		14999.00
12.00	Generator exhaust trunking pipeline glass wool covering to be fitted as required as per direction of EIC.					
12.01	Labour charges	No.	2	4999	9998.00	
12.02	Cost of spares (actual + 10%)	Comp.J ob	1	44996		44996.00
13.00	Joystick of steering control system to be make functional, steering manual wooden wheel to be eased up. Marine gear lever not working satisfactorily same to be repaired / renewed as required as per direction of EIC/Surveyor.					
13.01	Labour charges	Comp.J ob	1	29997	29997.00	
13.02	Cost of spares (actual + 10%)	Comp.J ob	1	24998		24998.00
14.00	Cropping and renewal of damaged plate of deck, side shell and railing etc. Followed by paint with red oxide primer as required as per direction of EIC.	KG	800	199.98	159984.00	
15.00	Forward davit flange pipe was damaged; the same has to be repaired as required as per direction of EIC/Surveyor.					
15.01	Labour charges	No.	1	4999	4999.00	
15.02	Cost of spares (actual + 10%)	Comp.J ob	1	9999		9999.00
16.00	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.					
16.01	Labour charges	No.	4	1999.4	7997.60	
16.02	Cost of spares (actual + 10%)	Comp.J ob	1	19998		19998.00

307

No.	Item Description	Unit	Qty	Rate (in Rs.)	Labor Charges (in Rs.)	Cost of Spares (In Rs.)
17.00	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.					
17.01	Labour charges	Comp.J ob	1	14999	14999.00	
17.02	Cost of spares (actual + 10%)	Comp.J ob	1	29997		29997.00
18.00	Galley's 36 square metre plating to be renew, material similar to existing one. 20 square meter aluminium sheet to repair or renew as required as per direction of EIC.	Comp.J ob	1	74993	74993.00	
19.00	Main engine's control panel unit and wheel house's DC control panel unit to be checked and repaired as required as per direction of EIC/Surveyor.					
19.01	Labour charges	Comp.J ob	1	34997	34997.00	
19.02	Cost of spares (actual + 10%)	Comp.J ob	1	19998		19998.00
20.00	Weather tight door's rubber packing to be renew, material similar to existing one, as required as per direction of EIC/Surveyor.					
20.01	Labour charges	Comp. job	4	1499.6	5998.40	
20.02	Cost of spares (actual + 10%)	Comp. job	1	9999		9999.00
21.00	Supply and fitting of 2 no. portable 150 Ah/ 12 V tubular inverter battery of make Exide/Amaron or equivalent at wheel house/deck as required as per direction of EIC/Surveyor. (Old batteries should taken and amount will deducted)					
21.01	Labour charges	Comp. job	1	999.9	999.90	
21.02	Cost of spares (actual + 10%)	Comp. job	1	24998		24998.00
22.00	SUV tyre, bull dog clamp and wire rope are to be supplied and fitted including labour and material as required as per direction of EIC/Surveyor.	No	10	1499.4	14994.00	
23.00	Front rubber fender(In cm L=152, Width=24, Thickness= 20) reported damaged the same to renewed with strengthening the structure as require as per direction of EIC/Surveyor.					
23.01	Labour charges	No	4	4999	19996.00	
23.02	Cost of spares (actual + 10%)	Comp job	1	39996		39996.00
24.00	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.					
24.01	Labour charges	Comp job	1	29997	29997.00	
24.02	Cost of material on actual plus 10% basis.	Comp job	1	149985		149985.00
25.00	Supply and fitting of reputed brand refrigerator(165 Litre) of reputed with jerk free arrangements like belt and base to prevents vibration as required as per direction of EIC.	No.	1	14999	14999.00	

3

S.No.	Item Description	Unit	Qty	Rate (in Rs.)	Labor Charges (in Rs.)	Cost of Spares (In Rs.)
26.00	Supply and fitting of dunlop make single bed mattress(7) and pillow(7) with cover as required as per direction of EIC/Surveyor.	Comp job	1	24998	24998.00	
27.00	The entire ship side shell plate from LWL to deck plate, superstructure, bathroom, galley inside, anchor chain, anchors, engine room, store, roof, railing, railing chain, bollard, draft mark, plimsoll mark, stairs, stair railings, rooms, roof along with other fitment etc, are to be proper cleaned, scrapped, wire brushed, chipped and painted as following, (a.)1 coat zinc chromate primer, (b.) 1 coat epoxy paint (c) marine quality paint to be done in dust free environment using airless spray machine. All pipe lines should be colored as per marine color code. After it name of vessel, depts. and logo to be made by fluorescent sticker as required as per direction of EIC/ Surveyor.	Sqm	1000	249.98	249980.00	
28.00	Supply of water proof and night vision binocular as required as per direction of EIC/surveyor.	No.	1	14999	14999.00	
29.00	Supply of painted salwood ladder (15' x 1' x 2") as required as per direction of EIC/Surveyor.	No.	1	19998	19998.00	
30.00	Supply and fitment of branded LED television (24") with dish antenna & set top box as required as per direction of EIC.	Comp job	1	24998	24998.00	
31.00	Supply of HDPE pipe line (length - 6 meter, Dia - 45.3 centimeter); as per sample as required as per direction of EIC/Surveyor.	No.	2	101990	203980.00	
Total (in Rs.)					1269871.40	729929.00
Work Order value (in Rs.)					1999800.40	
Say, Rs.					1999800.00	

(Rupees Nineteen lakh ninety nine thousand and eight hundred only)

GST Extra as applicable

37