



भारतीय अन्तर्देशीय जलमार्ग प्राधिकरण

(पत्तन, पोत परिवहन और जलमार्ग मंत्रालय, भारत सरकार)

INLAND WATERWAYS AUTHORITY OF INDIA

(Ministry of Ports, Shipping and Waterways, Govt. of India)

क्षेत्रीय कार्यालय : पी-७८, गार्डनरीच रोड, कोलकाता - ७०० ०४३ (प० बं०)

REGIONAL OFFICE : P-78, Garden Reach Road, Kolkata - 700 043 (W.B.)

दूरभाष : 2439 0393 / 5577 / 6055, फैक्स : 2439 5570



SAGARMALA
PORT-LED PROSPERITY

E-mail : iwaical@yahoo.com
dirkol.iwai@nic.in

IWAI/KOL/KO-150MN2/1/2024/1515

07.01.2025

To,

M/s Patra Shipping Pvt. Ltd,
Thanamakua (South), P.O. D.S. Lane,
Howrah 711109, West Bengal.

Sub: Award of Work for "Dry dock repair of IWAI vessel MV Lal Bahadur Shastri for the year 2024-25"-reg.

Ref: 1) E-procurement tender id. 2024_IWAI_840767_1
2) E-procurement bidder bid no- 3143893

Sir,

Kindly refer to e-tender no. 2024_IWAI_840767_1 for Dry dock repair of IWAI vessel MV Lal Bahadur Shastri for the year 2024-25, we are pleased to place a work order to M/s Patra Shipping Pvt. Ltd, Kolkata at a total cost of Rs. 38,78,316.00 /- (Rupees Thirty Eight Lakh Seventy Eight Thousand Three Hundred Sixteen only) Excluding GST. Cost of spares on actual + 10 % basis to be paid subject to spares fitted and supplied.

The total cost of work shall be Rs. 38,78,316.00 /- excluding of GST as applicable, as per item wise rate mentioned in the enclosed BOQ subject to variation of quantity of work actually executed and certified by the EIC. The above-mentioned total cost is inclusive of taxes, duties and other levies etc., excluding GST as specified in tender. The payment shall be made on submission of bill after certification of the E.I.C for the actual quantity executed. The work shall be completed within 50 (Fifty) days from the date of placement of vessel in the yard. As per tender Technical and Special Conditions no.11 all statutory survey by surveyor of IWT, State Government shall be arranged by the contractor on behalf of the Authority and survey fees, third-party insurance and any other endorsement/documentation as claimed by the IWT surveyor will only be reimbursed by Authority.

As per tender clause no. 18 under technical specification and special conditions, the inspection of vessels during execution of repairing of IWAI vessels shall be carried out by IRS and arranged by the contractor on behalf of the Authority. The payment of IRS visits, plate stamping and testing during repairing of the vessels at yard shall be paid by the repairer. However, this amount shall be re-imbursed to the repairer on submission of proof of bill raised by the IRS and payment made by the repairer.

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

Phone : +91-120-2544036, 2543972, 2527667, 2448101, Fax : +91-120-244009, 2544041, 2521764, 2543973

Website : www.iwai.gov.in / www.iwai.nic.in Email : iwainoi@nic.in

You are requested to deposit an amount Rs. 1,93,916.00/- (Rupees One Lakh Ninety Three Thousand Nine Hundred Sixteen Only) i.e., the 5% of the contract value of the work order either in the form of RTGS/ NEFT through scheduled / nationalized banks in the favor of "Inland Waterways Authority of India Fund" payable at Kolkata (or) in the form of irrevocable bank guarantee of any scheduled bank towards performance Guarantee within 10 days of the issue of this work order as per terms & conditions of the tender document. In addition to the above, a security deposit equivalent to 5% of the contract value i.e. Rs. 1,93,916.00/- (Rupees One Lakh Ninety Three Thousand Nine Hundred Sixteen Only) will be deducted from RA bills as per Clause 4 of the General Conditions of Contract.

In case of delay in completion of the repair work of the vessel and delivery thereafter, liquidated damages as per the Clause no. 35 will be applicable @ 1.5% per month of delay for delay of work to be computed on per day basis subject to a maximum 10% on the total value of the contract.

A list of the additional work which is considered necessary as per recommendation of the EIC and or those which are directed during the course of repairs for satisfactory completion of repairs and subsequent commissioning of vessel should be prepared jointly by EIC and contractor. Thereafter, contractor shall furnish quotation for those items of work for which rate would be derived from the agreement or afresh as the case may be in force along with extra time required for completion of all the additional work. The rate for the additional work shall be approved as provided in clause No. 12 of Technical & Special Conditions of contract and clause no. 16 of the General Condition of contract for execution.

The work executed all items of work attended and spare etc. supplied by the contractor shall have Guarantee period of minimum 12 months or manufacturer warrantee whichever is more from the date of delivery of the vessel after repair.

The work plan to be submitted within 7 days of issue of work order.

An agreement shall be entered between this Authority and Firm in the approved format within 12 days from the date of receipt of work order. You are requested to attend this office with 2 non-Judicial stamp papers of Rs 100/- each for signing of contract agreement and integrity.

It is requested to convey your acceptance for this work order by signing the copy of this letter immediately.

Enc.: As Stated,

Yours faithfully,


for DIRECTOR

Copy to:

1. Chief Engineer (Tech), IWAI, Noida.
2. Chief Engineer (T & L), IWAI, Noida
3. A.O, IWAI, Kolkata

BOQ FOR DRY DOCK REPAIR OF MV LB SHASTRI FOR THE YEAR 2024-25

L - 54.60 M x B - 9.60 M X D -2.40 M GRT -426

SL. NO	DESCRIPTION OF WORK	UNIT	QTY	RATE(₹)	AMOUNT(₹)
A	Dry dock repair				
1.0	Docking & undocking, dock hire charge and mooring charges as required for completion of repair works as required as per direction of EIC/ Surveyor.	Comp. Job	1	3,08,112.00	3,08,112.00
2.0	Ultrasonic testing is to be done of hull, side plate & deck plate, super structure for measurement of thickness as per direction of Surveyor/EIC.	Spot	1000	66.00	66,000.00
3.0	Cropping & renewal of underwater plate, deck plate, Ship side plate, side fender pipe, flat bar & other fitments is to be done as per UT gauging report and Wheel house deck side coaming (Port side, Aft) found rusted and corroded, Wheel house deck, roof found holed at multiple places and temporary repairs carried out, Steering gear compartment bottom plating on (S) side found cemented and temporary repair carried out, engine room sky light on wheel house deck cover found rusted, Emergency fire pump room (on forward main deck) hatch cover found rusted, Fore peak store hatch cover (P & S) coaming found rusted, thinned down, Forward cargo entrance hatch cover coaming found rusted, Main deck (S) hole observed near No. 2 cargo hold, , Dent observed on accommodation superstructure on forward starboard side, Engine room skylight vent cover found rusted, etc. to be repaired/rectified after opening of the panels if required as per direction of Surveyor/EIC	Ton	10	1,32,048.00	13,20,480.00
4.0	All Sea Chests, Suction Valves, OBD valves, Emergency fire pump Delivery valve found non-operational, Cargo hold suction (4 Nos.) to be non-operational etc. to be checked, overhauled, repaired, cleaned and painted as required per direction of EIC/Surveyor.	Comp. Job	1	41,923.00	41,923.00
5.0	Engine Room piping system (Fuel oil, bilge, fresh water, Lube oil and Sea main) including valves and fittings, need servicing & overhauled, pressure tested and pipe lines to be clean and make operational & leak free as required as per direction of EIC/ Surveyor.	Comp. Job	1	52,403.00	52,403.00
6.0	Under water hull plate including Deck & Internal Structures in way of Tanks and Engine Room found with Oil & bilges same to be scraped & chipped & wire brushed, cleaned and painted from keel to LWL to remove fouling and old paints and painting of the same to be done by 3 coats as per painting scheme (1 coat zinc chromate primer, followed by two coats of existing colour of marine paints) from keel to water level as per direction of Surveyor/ EIC.	Comp. Job	1	1,32,000.00	1,32,000.00

7.0	Chipping, Scrapping & Painting of Hull & Appendages, Deck, tanks, void spaces/tanks & Appendages to be carried out and the entire ship side shell plate from LWL to main deck, deck plate, ship side, superstructure, wheel house deck, cargo hold/space, bathroom, galley inside, anchor locker/compartment, engine room, engine room machineries, deck machinery and outside along with other fitment etc, are to be proper cleaned by water jet, scrapped, wire brushed, chipped and painted by 3 coats of existing colour marine paint. (1 coat zinc chromate primer, followed by two coats of existing colour of marine paints). All pipe lines should be coloured as per marine colour code. After it name of vessel, dept. and logo to be made by fluorescent sticker as required as per direction of EIC/ Surveyor.	Comp. Job	1	10,12,000.00	10,12,000.00
8.0	The opening and repair of the propeller to be carried out using the same material composition, along with fairing, balancing, and bedding as required. The new propeller to be fitted after bedding and other associated works, with the renewal of spares including labour and materials as required as per direction of (EIC)/Surveyor. (The new propeller will be provided by IWA).	Comp. Job	2	31,443.00	62,886.00
9.0	Opening and fitting of propeller shaft, bushes, rudder and rudder stock after removal straightening, re-metalling, machining, bedding etc. works to be done including labour and materials as required as per direction of EIC/ Surveyor.	Comp. Job	2	1,25,763.00	2,51,526.00
10.0	Zinc Anodes to be replaced as required including material & labour charges per direction EIC/ Surveyor.	Nos.	17	2,623.00	44,591.00
11.0	8 Nos. of fire bucket found missing, 2 Nos. of fire hose found leaking, Fire hose box (4 Nos.) on deck and engine room found damaged same to be renewed/replaced and All other Fire hydrant valves, nozzles, fire hose box, couplings etc. to be checked serviced/ renewed and have to make leak free operation as required as per direction of EIC / Surveyor.				
11.1	Labour charges	Comp. Job	1	10,000.00	10,000.00
11.2	Cost of spares (actual + 10%)				
12.0	4 Nos. of quick closing valves found jammed cannot be operated by wires, to be made operational and all the valve to be made markings and stenciling to identify valves and ensure safe operation by means of paint or equivalent as required as per direction of EIC/ Surveyor.	Comp. Job	1	10,017.00	10,017.00

Signature

13.0	All the electrical wiring in Engine room found hanging to be secured, Magnetic Compass in wheel house found non-operational, Aft and forward horn found defective, Wiper and Clear View Sky (CVS) in W/House found non-operational, Navigation Light Panel (230V) - Mast Head LTN, Side Light STBD, Stern LT STBD, Anchor LT (W), and NLC LT-2 (R) indication lamp found defective and panel buzzer found non-operational, Navigation Light Panel (24V) found not operational, Steering room compartment lightning found non-operational, 6 Nos. of light found not operational in Engine room, Emergency black out system found non-operational etc to be repaired/ rectified to made operational and all the others A.C /D.C electrical Line & equipment etc. to be checked after opening of ceiling panel if required and repaired as required replaced as per direction of EIC/Surveyor.				
13.1	Labour charges	Comp. Job	1	55,020.00	55,020.00
13.2	Cost of spares (on Actual + 10 % basis)				
14.0	Wheel house entrance doors (both P & S) found damaged, same to be repaired/ renewed with existing wood and lock and requisite materials with all accssories as required as per direction of EIC/ Surveyor.				
14.1	Labour charges	Comp. Job	1	10,164.00	10,164.00
14.2	Cost of spares (actual + 10%)				
15.0	In Wheel house upper ceiling panel found damaged, Wheel house aft bulkhead (S) panel found damaged, the same to be repaired/ renewal of necessary wooden materials as exsisting such as wooden base frame, plyboard, sunmica etc. as applicable as per site requirement & direction of EIC/ Surveyor.				
15.1	Labour charges	Comp. Job	1	21,252.00	21,252.00
15.2	Cost of spares(actual + 10%)				
16.0	HSD reserve tank to be cleaned properly and diesel wash to be done as required as per direction of EIC/Surveyor.	Nos.	2	8,125.00	16,250.00
17.0	HSD service tank to be cleaned properly and diesel wash to be done as required as per direction of EIC/ Surveyor	Nos.	2	1,875.00	3,750.00
18.0	Fresh water tank to be cleaned properly as required as per direction of EIC/ Surveyor.	Nos.	2	9,375.00	18,750.00
19.0	Ship side railing foundation found damaged throughout (on main deck), One number railing found missing on starboard side accommodation deck (approx- 15 m) etc. and all the other ares railing to be repaired/ renewed as required as per direction of EIC/ Surveyor.	Rm	15	2,993.00	44,895.00

20.0	Afloat repair				
20.1	Steering Gear Angle indicator on wheel house found defective, RDM Indicator, main engine (S) RPM meter found non-operational, shaft RPM Meter (P & S) found non-operational etc. to be repaired/ rectified and made operational with renewal of spares as required as per direction of Surveyor/EIC .				
20.2	Labour charges	Comp. Job	4	9,345.00	37,380.00
20.3	Cost of spares (actual + 10%)				
21.0	Winch for opening cargo hatch found non-operational, Anchor Winch panel (P & S) found defective, Anchor winch Amp meter found defective etc. to be rectified and Anchor winch transmission gearbox servicing to be done with checking/rectification of brake shoes, oil seals, bearings, oil glass gauge indicator etc. and renewal of gear oil. Anchor chain to be calibrated, drawn out, chipped, wire brushed and Anchor, anchor chain and chain locker/compartment to be painted with one coat of zinc chromate primer followed by two coats of existing colour marine paints including labour charges and materials costs as per direction of EIC/Surveyor as required as per direction of EIC/ Surveyor.				
21.1	Labour charges	Comp. Job	2	36,750.00	73,500.00
21.2	Cost of spares (on Actual + 10 % basis)				
22.0	Fuel Oil transfer (No.2) pump found non-operational & panel also found non-operational, Fresh water transfer pump (No.2) found non-operational, ea Water pump (No.1) found non-operational, fresh water pump No.1 found defective, Bilge / GS/Fire / Blast Pump – No. 1 found non-operational. Panel also found non-operational, 3 Nos. of manual hand pump on forward main deck found non-operational, etc. to be repaired/ serviced and made operational including motors, its pressure gauges etc. at suction/discharge including renewal of spares such as gland seals, bearings etc. as required all complete as per direction of Surveyor/ EIC.				
22.1	Labour charges	Comp. Job	1	33,031.00	33,031.00
22.2	Cost of spares (on Actual + 10 % basis)				
23.0	Leakage observed from Hydraulic line in Wheel House, In Steering compartment leakage observed from steering hydraulic lines, In engine room Oil leakage observed from Service tank level indicator (P&S) etc. to be rectified / repaired for leak free operation and also All hydraulic lines to be checked and leakage to be arrested with renewal of its gaskets, seals, orings, high pressure hoses, etc as required and make leak proof, Accommodation deck - davit found damaged and non-operational same to be made operational as required as per direction of EIC/ Surveyor.				

23.1	Labour charges	Comp. Job	1	34,500.00	34,500.00
23.2	Cost of spares (on Actual + 10 % basis)				
24.0	Wheel house sight glass (11 Nos.)- Rubber gasket found hardened and damaged, Engine room sky light on wheel house deck, rubber packing found damaged, Emergency fire pump room (on forward main deck) hatch cover rubber packing found damaged, Fore peak store hatch cover (P & S) rubber packing found damaged, Forward cargo entrance hatch cover rubber packing found damaged, 4 Nos. of natural vent for cargo hold, 4 Nos. Natural vent (FWD) and 4 Nos. natural vent mid-ship, rubber packing found damaged, 8 Nos. of natural vent on accommodation deck- rubber packing found damaged and to be made operational, Steering room entrance hatch cover- rubber packing found missing, Engine room skylight vent cover rubber packing found damaged, Engine room exhaust inspection door and hatch cover rubber packing found damaged, and all others manhole covers, all window, all blower, outside doors, air vents & all hatches/ Tank covers with damaged rubber packing/ beading, nuts, bolts & studs same to be repaired/ renewed by good quality of rubber packing/ beading & SS fittings respectively as required as per direction of EIC/ Surveyor. (All ventilation /blower mushroom head opening and closing heads spindle to be made operational for smooth operation.)				
24.1	Labour charges	Comp. Job	1	55,000.00	55,000.00
24.2	Cost of spares (on Actual + 10 % basis)				
25.0	Engine room blower (P & S) side found non-operational , Accommodation blower on wheel house deck (P) found non-operational, Steering compartment blower found non- operational, etc to be serviced/ repaired to make operational and all other blowers to be checked, repaired & make operational as required as per direction of EIC/ Surveyor.				
25.1	Labour charges	Comp. Job	1	24,750.00	24,750.00
25.2	Cost of spares (on Actual + 10 % basis)				
26.0	Engine room blower (P & S) side mushroom head found holed, Accommodation Air Vent pipe found holed, Emergency fire pump exhaust silencer found broken, Steering compartment blower vent mushroom head found holed, Emergency fire pump suction pipe found holed, Fire pump engine Fuel tank foundation support found broken etc. to be rectified/ repaired and All ventilation blower mushroom head mesh guard are to be checked, repaired, serviced with adequate materials as required as per direction of EIC/ Surveyor.				
26.1	Labour charges	Comp. Job	1	22,000.00	22,000.00
26.2	Cost of spares (on Actual + 10 % basis)				

27.0	Emergency fire pump Discharge pressure gauge found defective, pre gauge – Sea Water pump No.2 found defective etc. to be renewed and All other pressure gauges to be checked and replaced in wheel house, engine room, deck, pump room etc. as required as per direction of EIC/ Surveyor				
27.1	Labour charges	Comp. Job	1	17,250.00	17,250.00
27.2	Cost of spares (on Actual + 10 % basis)				
28.0	Main Engine (S) Start/stop button from local panel found non-operational, Gear selector valve found leaking, Fresh water cooling pump found non-operational, Fuel pump electric shut down valve found non-operational, Radiator expansion tank found leaking, it is reported HSD is entering the combustion chamber after the engine is shut down etc. to be rectified/ repaired with calibration of fuel pump and injector along with Servicing of Main Engine (S) (cummins make N- 743 TM, BHP- 195) to be done with arresting all oil & water leakage with renewal of spares i.e. filters, lub oil, coolents, V- belts, cleaning of heat exchanger, lub oil coolers etc for made operational the engine. All safety system to be chacked and made operational including all meter & safety alarms installed in engine room as well as wheel house as required as per direction of EIC/ Surveyor.				
28.1	Labour charges	Comp. Job	1	40,000.00	40,000.00
28.2	Cost of spares (on Actual + 10 % basis)				
29.0	Main Engine (P) Start/stop button from local panel found non-operational, Fuel pump electric shut down valve found non-operational, Radiator expansion tank found leaking, it is reported HSD is entering the combustion chamber after the engine is shut down etc. to be rectified/ repaired with calibration of fuel pump and injector along with Servicing of Main Engine (S) (cummins make N- 743 TM, BHP- 195) to be done with arresting all oil & water leakage with renewal of spares i.e. filters, lub oil, coolents, V- belts, cleaning of heat exchanger, lub oil coolers etc for made operational the engine. All safety system to be chacked and made operational including all meter & safety alarms installed in engine room as well as wheel house as required as per direction of EIC/ Surveyor				
29.1	Labour charges	Comp. Job	1	40,000.00	40,000.00
29.2	Cost of spares (on Actual + 10 % basis)				

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30.0	Complete Overhauling of Both genset engine (Make Simsons, BHP- 50) is to be done with checking/calibration/renewal/servicing of liner, piston, rings, valves, heads, fuel pump, injectors, sea water and fresh water pump, crank thrust clearance, self starter, dianamo and cleaning of all coolers etc. along with renewal of spares e.g. meters, gauges, V-belts, hose pipes, sea water pumps, freshwater pump etc. servicing of self starter, dynamo, checking/rectification of all safety systems, cleaning of heat exchanger & coolers as required as per direction fo EIC/ surveyor.				
30.1	Labour charges	Comp. Job	1	22,768.00	22,768.00
30.2	Cost of spares(actual + 10%)				
	LABOUR COST(Excluding GST)				38,82,198.00
	LESS			0.10%	3,882.20
	GRAND TOTAL(Excluding GST) (in Rs.)				38,78,316.00

Rupees ThirtyEight Lakh SeventyEight Thousand Three Hundred Sixteen Only

*Cost of spares on (actual + 10%)

*(GST extra as applicable)



for DIRECTOR