



भारतीय अन्तर्देशीय जलमार्ग प्राधिकरण

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

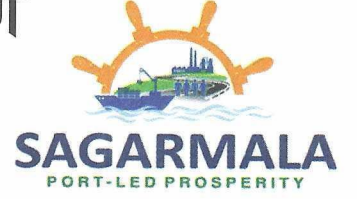
INLAND WATERWAYS AUTHORITY OF INDIA

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

क्षेत्रीय कार्यालय : पी-७८, गार्डनरीच रोड, कोलकाता - ७०० ०४३ (प० ब०)

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

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



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

IWAI/KOL/KO-150MN2/1/2024/1516

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 Rabindra Nath Tagore for the year 2024-25"-reg.

Ref: 1) E-procurement tender id. 2024_IWAI_840767_2
2) E-procurement bidder bid no- 3143897

Sir,

Kindly refer to e-tender no. 2024_IWAI_840767_2 for Dry dock repair of IWAI vessel M. V. Rabindra Nath Tagore 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. 38,53,691.00 /- (Rupees Thirty-Eight Lakh Fifty-Three Thousand Six Hundred Ninety-One) 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. 38,53,691.00 /- 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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You are requested to deposit an amount Rs. 1,92,685.00/- (Rupees One Lakh Ninety Two Thousand Six Hundred Eighty Five 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. 1,92,685.00/- (Rupees One Lakh Ninety Two Thousand Six Hundred Eighty Five 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 RN TAGORE FOR THE YEAR 2024-25

L - 54.75 M x B - 9.59 M X D -2.39 M GRT -439

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 Hull Plates including Deck & Internal Structures in way of Tanks and Engine Room Bilges to be examined, Emergency fire pump exhaust pipe on forward main deck found damaged, 2 nos. of goose neck vent cover for fresh water tank (P & S) found rusted, damaged , Steering compartment blower mushroom head spindle found missing, engine room skylight vent cover found rusted, etc. to be repaired/rectified as 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	4 Nos. of fire bucket found missing same to be supplied of marine quality 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	All quick closing valve 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
13.0	All the electrical wiring in Engine room found hanging to be secured, Emergency blackout system found non-operational, Remote stop for- accommodation fan 1 & 2, fuel oil pump and toilet exhaust fan found nonoperational, Magnetic compass on wheel house deck found non-operational, Forward flood light found non-operational, LP (230 V) operation to be shown, NLP (24V) 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 as per direction of EIC/Surveyor.				-
13.1	Labour charges	Comp. Job	1	55,020.00	55,020.00

13.2	Cost of spares (actual + 10%)				-
14.0	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
15.0	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
16.0	Fresh water tank to be cleaned properly as required as per direction of EIC/ Surveyor.	Nos.	2	9,375.00	18,750.00
17.0	Wheel house entrance wooden door (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.				
17.1	Labour charges	Comp. Job	1	10,164.00	10,164.00
17.2	Cost of spares (actual + 10%)				
B	Afloat repair				
18.1	Shaft RPM indicator (P & S) on wheel house found non-operational, Main engine digital RPM indicator (P & S) on wheel house found non-operational, etc. to be repaired/ rectified and made operational with renewal of spares as required as per direction of Surveyor/EIC .				
18.2	Labour charges	Comp. Job	4	9,345.00	37,380.00
18.3	Cost of spares (actual + 10%)				
19.0	Anchor windlass ampere meter found non-operational and sight glass found broken, Anchor winch operation to be verified etc. to be repaired/ rectified and also the anchor winch gearbox, oil seals , bearings, packings etc. to be recified 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.				
19.1	Labour charges	Comp. Job	2	36,750.00	73,500.00
19.2	Cost of spares (on Actual + 10 % basis)				
20.0	Bilge/GS/Fire/Ballast pump No. 1 found with abnormal noise, No. 1 Fresh Water pump found non-operational, No. 1 Fuel oil transfer pump found non-operational, 4 nos. of hand pump on forward main deck found non-operational, 4 nos. of cargo hold suction pump operation to be verified, Main fire pump operation to be verified , etc. to be repaired/ serviced and all other pumps to be checked & 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.				
20.1	Labour charges	Comp. Job	1	33,031.00	33,031.00
20.2	Cost of spares (on Actual + 10 % basis)				-

21.0	Fuel oil service tank for both main engine and diesel generator found with leakages and level gauge found non-operational, 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.				
21.1	Labour charges	Comp. Job	1	34,500.00	34,500.00
21.2	Cost of spares (on Actual + 10 % basis)				
22.0	Harbour generator(15 KVA) set operation not shown to be verified and battery for starting found missing same to be make operational and Complete overhauling of the genset engine to be done through checking/servicing/calibration of the iner, 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				
22.1	Labour charges	Comp. Job	1	16,500.00	16,500.00
22.2	Cost of spares(actual + 10%)				
23.0	11 Nos. natural vent on main deck rubber packing found damaged, nos. of hatches on forward main deck opening and closing arrangement found jammed to be made operational, 2 nos. of goose neck vent cover for fresh water tank (P & S) rubber packing found missing , 2 nos. goose neck vent cover (on accommodation deck) found rusted and rubber packing found missing, 4 nos. of blower vent in wheel house deck to be made operational, Engine room skylight vent cover rubber packing found damaged, Engine room exhaust inspection door and hatch cover rubber packing found damaged etc. to be repaired/ replaced 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.)				
23.1	Labour charges	Comp. Job	1	55,000.00	55,000.00
23.2	Cost of spares (on Actual + 10 % basis)				-
24.0	Steering compartment blower found non-operational, 2 nos. of blower in wheel house deck found non operational, etc to be serviced to made operational and all other blowers to be checked, repaired & make operational as required as per direction of EIC/ Surveyor.				
24.1	Labour charges	Comp. Job	1	24,750.00	24,750.00
24.2	Cost of spares (on Actual + 10 % basis)				

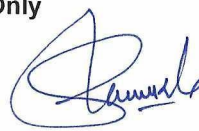
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25.0	Main Engine (P & S) safety panel found non-operational, alarms and trips not shown. Main Engine (P) battery charger indicator found non-operational, Main Engine (P) found non-operational, Engine operation from wheel house to be shown, Emergency stop for main engine (P & S) on wheel house found non- operational etc to be rectified/ repaired with calibration of fuel pump and injector along with Servicing of both 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 cooler 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.				
25.1	Labour charges	Comp. Job	2	22,008.00	44,016.00
25.2	Cost of spares (on Actual + 10 % basis)				-
26.0	Generator set (P) found non-operational etc. to be rectified / operational through 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.				
26.1	Labour charges	Comp. Job	2	40,000.00	80,000.00
26.2	Cost of spares(actual + 10%)				
27.0	Both Mannually and joystick steering gear operation not shown and same to be make operational the whole system as required as per direction of EIC/ Surveyor.				
27.1	Labour charges	Comp. Job	1	15,000.00	15,000.00
27.2	Cost of spares(actual + 10%)				-
28.0	7 nos. of lifebuoy found damaged same to be Supply of reputed/approved make life buoy with required standards/certification, vessel name printed, whistle, rope and all necessary accessories as per applicable norms, all complete as required, as per direction of EIC/Surveyor.	Nos.	7	4,000.00	28,000.00
	LABOUR COST(Excluding GST)				38,57,549.00
	LESS			0.10%	3,857.55
	GRAND TOTAL(Excluding GST) (in Rs.)				38,53,691.00

Rupees ThirtyEight Lakh FiftyThree Thousand Six Hundred NinetyOne Only

*Cost of spares on (actual + 10%)

*(GST extra as applicable)



 for DIRECTOR