



# 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



**SAGARMALA**  
PORT-LED PROSPERITY

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

IWAI/KOL/MM/NC/28/20-21/ 724

17.08.2024

To,

M/s French Enterprise,  
5, Doctor Sudhir Basu Road,  
Khidderpore, Kolkata-700023.

Sub: Award of Work for "Dry dock repair of IWAI vessel HPT Rani Laxmi Bai for the year 2024-25"-reg.

Ref: 1) E-procurement tender id. 2024\_IWAI\_817625\_3  
2) E-procurement bidder bid no- 3065150

Sir,

Kindly refer to e-tender no. 2024\_IWAI\_817625\_3 for Dry dock repair of IWAI vessel HPT Rani Laxmibai for the year 2024-25, we are pleased to place a work order to M/s French Enterprise, Kolkata at a total cost of Rs. 17,59,494.00 /- (Eighteen Seventeen Lakh Fifty Nine Thousand Four Hundred Ninety Four Only) wherein Labour charges Rs. 11,75,494.00/- Excluding GST and cost of spares Rs 5,84,000.00/- (tentative) and excluding of GST as applicable, as per enclosed bill of quantity in accordance with the tender terms & conditions. Cost of spares on actual + 10 % basis to be paid subject to spares fitted and supplied within estimated cost. Incremental spare cost to be approved by Competent Authority.

The total cost of work shall be Rs. 17,59,494.00 /- 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 60 (Sixty) 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. 87,975.00/- (Rupees Eighty Seven Thousand Nine Hundred Seventy 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. 87,975.00/- (Rupees Eighty Seven Thousand Nine Hundred Seventy 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,

रवींद्र कुमार सिंह

(R.K. Singh)  
DIRECTOR



Copy to:

1. Chief Engineer (Tech), IWAI, Noida.
2. Sr. A.O, IWAI, Kolkata



| BOQ FOR DRY DOCK REPAIR OF HPT RANI LAXMI BAI FOR THE YEAR 2024-25 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |     |             |             |
|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----|-------------|-------------|
| L - 23.3 M x B - 7.2 M X D -2.60 M                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |     |             |             |
| SL. NO                                                             | DESCRIPTION OF WORK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | UNIT      | QTY | RATE(₹)     | AMOUNT(₹)   |
| 1.00                                                               | Docking & undocking Dock hire charge and mooring charges as required for completion of repair works.                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Comp. Job | 1   | 1,65,000.00 | 1,65,000.00 |
| 2.00                                                               | 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      | 300 | 66.02       | 19,807.00   |
| 3.00                                                               | Cropping & renewal of underwater plate, deck plate, Ship side plate, railing pipe, side fender pipe, flat bar & other fitments is to be done and also F/w fender securing clamp found damaged and same to be repair as required as per direction of Surveyor/EIC.                                                                                                                                                                                                                                                                                             | Ton       | 1   | 1,32,048.00 | 1,32,048.00 |
| 4.00                                                               | All sea chest, mud box, strainer etc.to be checked, repaired, cleaned and painted as per direction of EIC/Surveyor.                                                                                                                                                                                                                                                                                                                                                                                                                                           | Comp. Job | 2   | 7,700.00    | 15,400.00   |
| 5.00                                                               | Oil leakage observed from FO line from service tank to reserve tank, Engine room piping system (fuel oil, bilge and sea main) including valves and fittings found leaking at various location, need servicing and overhauling valves to be 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   | 55,000.00   | 55,000.00   |
| 6.00                                                               | All HSD service tank (2 nos.), HSD reserve tank (1 no), ballasts tank (1 no.) and fresh water tank (1 no), sewage tank (1 no.) to be cleaned and painted as per Owner's/ paint manufacturer's paint scheme including labour charge and material as required as per direction of EIC/ Surveyor.                                                                                                                                                                                                                                                                | Nos.      | 6   | 17,600.00   | 1,05,600.00 |
| 7.00                                                               | Main deck crane limit switch found non- functional & all connecting wire found loosened up and same to be rectified through overhauling/ repair of the same with checking/ servicing of gears, bearings, drives, seals, filters, solenoid switches, limit switches, v/v, high pressure lines, control panel etc. with renewal of spares as required to make the unit operational with securing the electric wires and hydraulic oil leak free as required as per direction of EIC/ Surveyor.( crane wire to be load tasted and test certificate to be submit) |           |     |             | -           |
| 7.01                                                               | Labour charges                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Comp. Job | 1   | 23,100.00   | 23,100.00   |
| 7.02                                                               | Cost of spares (actual + 10%)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |     |             | -           |
| 8.00                                                               | Anchor chain to be drawn out and calibrated and anchor windless manual operating handle found missing and same to be supply as required. The chain and locker/compartments 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.                                                                                                                                                                                          | Nos.      | 2   | 11,500.00   | 23,000.00   |



|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |      |           |             |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------|-----------|-------------|
| 9.00  | Under water hull plate & side plate to be scraped & chipped & wire brushed 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 from keel to water level as per direction of Surveyor/EIC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Sq.m      | 300  | 264.10    | 79,229.00   |
| 10.00 | Sacrificial (Zinc) anodes to be renewed as per direction of EIC/ Surveyor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Nos.      | 8    | 4,400.00  | 35,200.00   |
| 11.00 | Wheelhouse VHF found non-functional, Wheelhouse emergency light connection found disconnected., Wheelhouse console remote stop button for fan & fuel oil transfer pump found non-functional , Wheelhouse window wiper found non-functional., Wheelhouse console horn and bell button found non-function, Wheelhouse battery charger found non- functional , Crew accommodation fridge, aqua guard found non-operational and the same all are to be repaired/ rectified & Electrical system (415V, 24V, 220V), light, fittings, socket, switch boards, indicators, earthing, panels etc. to be serviced and made operational. all the others A.C /D.C electrical Line & equipment etc. to be checked and repaired. if required replaced as per direction of EIC/Surveyor. |           |      |           | -           |
| 11.01 | Labour charges                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Comp. Job | 1    | 55,020.00 | 55,020.00   |
| 11.02 | Cost of spares (actual + 10%)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |      |           | -           |
| 12.00 | Running routine maintenance has to be done of Harbour Genset engine (Make: Simpson Co. Ltd.; Model: S 433, 37BHP) through renewal of all filters, coolants, lube oil, V- belts and also Dynamo found non-operational and same to be repair / rectified, servicing of self-starter, dynamo, checking/rectification of all safety systems, cleaning of heat exchanger & coolers with renewal of spares as required as per the direction of Surveyor/EIC.                                                                                                                                                                                                                                                                                                                   |           |      |           | -           |
| 12.01 | Labour charges                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Comp. Job | 1    | 26,400.00 | 26,400.00   |
| 12.02 | Cost of spares (actual + 10%)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |      |           | -           |
| 13.00 | Servicing of all quick closing valves and make operational with levelling indication mark of all valves as required as per direction of Surveyor /EIC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Comp. Job | 1    | 10,017.00 | 10,017.00   |
| 14.00 | The entire ship side shell plate from LWL to main deck, deck plate, superstructure, bathroom, galley inside, anchor chain, anchor locker/compartments, engine room and outside along with other fitment etc, are to be properly cleaned, 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.                                                                                                                                                         | Sqm       | 1000 | 253.09    | 2,53,092.00 |
| 15.00 | Portable fire pump found non-operational as suction pipe connecting flange reported broken/damaged, same to be made operational with servicing and renewal of spares as required as per direction of EIC/ Surveyor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |      |           | -           |

*for*



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|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---|-----------|-----------|
| 15.01 | Labour charges                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Comp. Job | 1 | 7,700.00  | 7,700.00  |
| 15.02 | Cost of spares (actual + 10%)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |   |           | -         |
| 16.00 | Fuel oil filling line found disconnected from reserve tank forward bulkhead. Fuel oil filling pipe found non-functional same to be make operational for free flow/fast flow of F.O during bunkering as required as per direction of Surveyor/EIC.                                                                                                                                                                                                                                                                                              |           |   |           | -         |
| 16.01 | Labour charges                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Comp. Job | 1 | 15,000.00 | 15,000.00 |
| 16.02 | Cost of spares (actual + 10%)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |   |           | -         |
| 17.00 | Steering (P), gear oil leakage observed from gear oil seal. Hydraulic oil leakage observed from steering gear hydraulic line (P& S) of both well mounted fixed pitch Azimuth Thruster units (type ZF AT 4111, Power: 410/KW at 1800 rpm, propeller 800 mm diameter in Nozzle, Reduction ratio: 3.882) and same to be make operational by arresting all the Hydraulics/gear oil leakages and changing of all filters, cleaning of all coolers etc. to be repair/rectified with renewal of spares as required as per direction of Surveyor/ EIC. |           |   |           | -         |
| 17.01 | Labour charges                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Comp. Job | 2 | 40,000.00 | 80,000.00 |
| 17.02 | Cost of spares (actual + 10%)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |   |           | -         |
| 18.00 | The vitrified tiles in Crew and Master toilet found damaged and same is to be renewed with good quality of premium vitrified tiles as required as per direction of EIC. (area approx.- 20 sq. ft.)                                                                                                                                                                                                                                                                                                                                             |           |   |           | -         |
| 18.01 | Labour charges                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Comp. Job | 1 | 11,023.95 | 11,024.00 |
| 18.02 | Cost of spares (actual + 10%)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |   |           | -         |
| 19.00 | Running routine maintenance has to be done of Main Genset engine (Make: Ashoke Leyland Ltd.; Model: ALMG370/1, 68BHP) through renewal of all filters, coolants, lube oil, V- belts and also sea water pump found defective and same to be repair / renewed, servicing of self-starter, dynamo, checking/rectification of all safety systems, cleaning of heat exchanger & coolers as required as per the direction of Surveyor/EIC.                                                                                                            |           |   |           | -         |
| 19.01 | Labour charges                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Comp. Job | 1 | 26,400.00 | 26,400.00 |
| 19.02 | Cost of spares (actual + 10%)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |   |           | -         |
| 20.00 | Main engine RPM meter of Both side in wheel house reported out of order the same has to be renewed/ repaired with reputed make and also STBD side W/house thruster unit clutch in bottom found non-operational, Wheelhouse inclinometer found defective same to be make operational with renewal of spares as required as per direction of Surveyor/EIC.                                                                                                                                                                                       |           |   |           | -         |
| 20.01 | Labour charges                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Comp. Job | 3 | 9,345.00  | 28,035.00 |
| 20.02 | Cost of spares (actual + 10%)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |   |           | -         |





|       |                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |   |           |              |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---|-----------|--------------|
| 21.00 | Engine room found contaminated with oily bilge and mud and same to Clean and painting with one coat primer and 2 coats of marine quality paints as per direction of EIC/Surveyor.                                                                                                                                                                                                                                               | Comp. Job | 1 | 49,500.00 | 49,500.00    |
| 22.00 | All Fire hydrant valves, nozzles, fire hose box, couplings etc. to be serviced/ renewed and have to make leak free operation and also 4 nos. of new fire hoses to be supply and fitted with coupling and other accessories as required as per direction of EIC / Surveyor.                                                                                                                                                      |           |   |           | -            |
| 22.01 | Labour charges                                                                                                                                                                                                                                                                                                                                                                                                                  | Comp. Job | 1 | 4,400.00  | 4,400.00     |
| 22.02 | Cost of spares (actual + 10%)                                                                                                                                                                                                                                                                                                                                                                                                   |           |   |           | -            |
| 23.00 | Servicing/repair of pumps (Sea water, Fresh water, GS pump, Fuel oil transfer pump, Bilge/Fire pump & sewage pump,) is to be done with renewal of required spares & also motors of these pumps to be done with checking of insulation, heat varnishing etc. with renewal of material and Fore peak tank forward (S) hand pump found non- operational same to be make operational as required as per direction of EIC/ Surveyor. |           |   |           | -            |
| 23.01 | Labour charges                                                                                                                                                                                                                                                                                                                                                                                                                  | Comp. Job | 1 | 44,000.00 | 44,000.00    |
| 23.02 | Cost of spares and machining charges of shafts, bushes etc. (actual + 10%)                                                                                                                                                                                                                                                                                                                                                      |           |   |           | -            |
|       | LABOUR COST(Excluding GST)                                                                                                                                                                                                                                                                                                                                                                                                      |           |   |           | 12,63,972.00 |
|       | Lower                                                                                                                                                                                                                                                                                                                                                                                                                           |           |   | 7.00%     | 88,478.04    |
|       | Sub Total (in Rs.)                                                                                                                                                                                                                                                                                                                                                                                                              |           |   |           | 11,75,494.00 |
|       | Cost of Tantative SPARES (in Rs.)                                                                                                                                                                                                                                                                                                                                                                                               |           |   |           | 5,84,000.00  |
|       | GRAND TOTAL(Excluding GST) (in Rs.)                                                                                                                                                                                                                                                                                                                                                                                             |           |   |           | 17,59,494.00 |

Rupees Seventeen Lakh FiftyNine Thousand Four Hundred NinetyFour Only

(GST extra as applicable)

20/09/2019

DIRECTOR

if