



# 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-150MN34/1/2021 /16/5

29.01.2025

To,

M/s. Ghosh Enterprise,  
21/2, Baje Shibpur,  
2nd bye lane, Shibpur,  
Howrah - 711102

Sub: Award of Work for "Dry Dock repair of MPT Mangal Pandey FOR THE YEAR 2024-25"-reg.

Ref: 1) E-procurement tender id. 2024\_IWAI\_829207\_1  
2) E-procurement bidder bid no- 3107810

Sir,

Kindly refer to e-tender no. 2024\_IWAI\_829207\_1 for Dry Dock repair of IWAI vessel MPT Mangal Pandey FOR THE YEAR 2024-25, we are pleased to place a work order to M/s. Ghosh Enterprise at a total cost of Rs. 12,12,762.00/- (Rupees Twelve Lakh Twelve Thousand Seven Hundred Sixty-Two Only) Excluding GST and Cost of spares on actual + 10 % basis to be paid subject to spares fitted and supplied.

The total cost of work shall be Rs. 12,12,762.00/- 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.

You are requested to deposit an amount Rs. 60,639.00/- (Rupees Sixty Thousand Six Hundred Thirty-Nine 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

Cont. page-2

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. 60,639.00/- (Rupees Sixty Thousand Six Hundred Thirty-Nine Only) will be deducted from RA bills as per Clause 4 of the General Conditions of Contract.

As per tender clause no. 35 LD (liquidity damages) will be imposed accordingly.

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. The vessel is ready for dry dock repair. You are requested to convey the date for placement of vessel to your yard.

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,



(R.K. Singh)

DIRECTOR



Copy to: -

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



## BOQ FOR DRY DOCK REPAIR OF MPT MANGAL PANDEY FOR THE YEAR 2024-25

L - 28 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   | Engine room piping system (F.O, Bilge, fresh water & sea main) including valves & fittings found leakage at various location needs servicing & 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   | Tally marks on various components missing and same to be made and the entire ship side shell plate from LWL to main deck, deck plate, superstructure, bathroom, galley inside, anchor chain, anchor locker/compartment, engine room and outside along with other fitment etc, are to be proper 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 |
| 7.00   | 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   |



|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |    |             |             |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----|-------------|-------------|
| 8.00  | Steering room hydraulic oil leakage observed form oil seal same to be repaired through overhauling, repair and maintenance of both sides Well mounted fixed pitch Azimuth Thruster units' type ZF AT 2111, Power: 220/KW at 1800 rpm. Propeller 800 mm diameter in Nozzle, Reduction ratio: 2.4:1, is to be done i.e. Propellers, gears, drives, seals, filters, solenoid switches, limit switches, v/v, high pressure lines, PCB controllers, pid controller, oil, bush and joystick control from wheelhouse to be checked & repaired, all oil cooler to be cleaned , etc. as required as per direction of EIC/ Surveyor. |           |    |             | -           |
| 8.01  | Labour charges                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Comp. Job | 1  | 1,65,000.00 | 1,65,000.00 |
| 8.02  | Cost of spares (actual + 10%)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |    |             | -           |
| 9.00  | Sacrificial (Zinc) anodes to be renewed as per direction of EIC/ Surveyor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Nos.      | 16 | 4,400.00    | 70,400.00   |
| 10.00 | Steering room found with oily bilges/ dirty water, engine room found with oily bilges/dirty water/soft mud same to be clean & painted with one coat primer and 2 coats of marine quality paints as per direction of EIC/Surveyor                                                                                                                                                                                                                                                                                                                                                                                           | Comp. Job | 2  | 49,500.00   | 99,000.00   |
| 11.00 | All HSD service tank 2 nos (capacity - 0.46 cu.m), HSD reserve tank 1 no. ( capacity - 23.49 cu.M), and fresh water tank 1 no. (capacity- 11.40 cu.M), void tank 2 nos. 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 |
| 12.00 | All weather tight hatch (store room, fore peak, emergency engine room exit, steering gear compartment) rubber gaskets found wasted/deteriorated and hardened, Engine room door & engine room ventilation hatch (P& S) weather tight rubber gaskets found wasted/deteriorated and hardened, and all the others damaged rubber packing/ beading, nuts,bolts & studs same to be repaired/ renewed by good quality of rubber packing/ beading & SS fittings respectively as per direction of EIC/ Surveyor.                                                                                                                    |           |    |             |             |
| 12.01 | Labour charges                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Comp. Job | 1  | 16,500.00   | 16,500.00   |
| 12.02 | Cost of spares (on Actual + 10 % basis )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |    |             |             |
| 13.00 | QCV valve (P) found non-functional same to be make operational and all others quick closing valves to be checked and to be make operational with levelling indication mark of valves as required as per direction of Surveyor /EIC.                                                                                                                                                                                                                                                                                                                                                                                        | Comp. Job | 1  | 10,500.00   | 10,500.00   |





|       |                                                                                                                                                                                                                                                                                                              |           |   |           |                     |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---|-----------|---------------------|
| 14.00 | Emergency fire pump hose pipe found missing, Fire Hose 3 nos. found damage same to be supplied fitted with couplings and All Fire hydrant valves, nozzles, couplings, fire hose box (2nos.) etc. to be serviced/ renewed and have to make leak free operation as required as per direction of EIC /Surveyor. |           |   |           |                     |
| 14.01 | Labour charges                                                                                                                                                                                                                                                                                               | Comp. Job | 1 | 4,400.00  | 4,400.00            |
| 14.02 | Cost of spares (actual + 10%)                                                                                                                                                                                                                                                                                |           |   |           |                     |
| 15.00 | Gear Oil pressure gauge (P & S) found non-functional, and all others gauges to be checked and replaced in wheel house, engine room, deck, steering room etc. as required as per direction of EIC/ Surveyor.                                                                                                  |           |   |           |                     |
| 15.01 | Labour charges                                                                                                                                                                                                                                                                                               | Comp. Job | 1 | 23,000.00 | 23,000.00           |
| 15.02 | Cost of spare (actual + 10% basis)                                                                                                                                                                                                                                                                           |           |   |           |                     |
|       | <b>LABOUR COST(Excluding GST)</b>                                                                                                                                                                                                                                                                            |           |   |           | <b>12,13,976.00</b> |
|       | Lower                                                                                                                                                                                                                                                                                                        |           |   | 0.10%     | <b>1,213.98</b>     |
|       | <b>GRAND TOTAL (Excluding GST) (in Rs.)</b>                                                                                                                                                                                                                                                                  |           |   |           | <b>12,12,762.00</b> |

**Rupees Twelve Lakh Twelve Thousand Seven Hundred SixtyTwo Only**

\*Cost of spares (on actual + 10%)

\*(GST extra as applicable)