



भारत सरकार

GOVT. OF INDIA

पत्तन, पोत परिवहन और जलमार्ग मंत्रालय

Ministry of Ports, Shipping & Waterways

भारतीय अन्तर्देशीय जलमार्ग प्राधिकरण

INLAND WATERWAYS AUTHORITY OF INDIA

Pandu Port Complex, Pandu, Guwahati – 781 012, Assam

Phone :- 0361-2676925, 2676929, 2570099

Email :- dirguw.iwai@nic.in

Website :- www.iwai.nic.in

No. IWAI/GHY/Khudiram/4(68)/2023-24/848

27th September 2023

To,

M/s Maa Vindhyawasni Enterprises
Sarvan Surya Complex, Shakuntala Market,
Keshari Nagar, Patna – 800 024

Sub:- Work order for "Afloat Repair of IWAI vessel MPT Khudiram Bose for the year 2023-24" – reg.

Ref:- 1. NIT No.: IWAIGw-13068/2/2023, dt. 5.9.2023

2. Your E-Bid no.: NIL, dt. 11.9.2023

Sir,

With reference to the above, Inland Waterways Authority of India (IWAI), RO Guwahati is pleased to place the work order for "Afloat Repair of IWAI vessel MPT Khudiram Bose for the year 2023-24" at a total cost of **Rs. 18,07,740/- (Rupees Eighteen lakh seven thousand seven hundred and forty only)** which is 1.00% less than to print amount of NIT **exclusive of GST as applicable** in accordance with the terms & conditions of the contract. Detailed Bill of Quantity is attached as Annex – I for your reference.

2. The contractor is required to deposit an amount of **Rs. 90,387/- (Rupees Ninety thousand three hundred and eighty seven only)** as Performance Guarantee i.e., 5 % of the contract value of the work within 15 days from the issue of this letter as per Clause 3 of General Conditions of Contract (GCC). In addition to the above, a security deposit equivalent to 5% of the contract value i.e., **Rs. 90,387/- (Rupees Ninety thousand three hundred and eighty seven only)** will be deducted from RA bills as per Clause 4 of the General Conditions of Contract.

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

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

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

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

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

8. The contractor will submit the registration number from the Labour office for this work.

9. It is requested to acknowledge the receipt of this work order and attend this office along with two non-judicial stamp papers of Rs. 200/- to enter into an agreement within 7 days.

Yours faithfully,

Encl.:- as stated above

(A. Selvakumar)

Director

E-mail: aselvakumar.iwai@nic.in

Phone:- 0361-2676925

Copy to:-

The Jr. Accounts Officer, IWAI, Guwahati.

Head Office :- I.W.A.I., A - 13, Sector - 1, NOIDA - 210 301 (U.P.)

• E-mail :- iwainoi@nic.in • Phone No :- 0120-2543972, 2543973, 2544004, 2521664, 2544036, 2522971.

BOQ for Afloat Repair of MPT Khudiram Bose for the year 2023-24

#	Description of work	Units	Qty	Rate (in Rs.)	Amount (in Rs.)	
					Labour	Spares
1.00	Both main engine make- Cummins type NT-855M, 270 BHP top overhauling is to be done by authorised dealer with all unit tappet clearance to check and adjust, lube oil and coolant filters renewal including checking, serving and renewal of required spare. Checking of Self starting system, safety parameters and cut outs to check, checking of exhaust system, lubrication system, cooling system, fuel system and repair to be done as required as per direction of EIC /surveyor with successful trial run shown.					
1.01	Labour charges	job	2	44550.00	89100.00	
1.02	Cost of spares on actual plus 10% basis.	LS	2	79200.00		158400.00
2.00	Both Genset maker -Kirloskar 4R 1040T and 3R 1040 major overhauling of engine is to be done and same is to fitted in place with new gasket and with all unit tappet clearance to check and adjust by authorised dealer. Renewal of lube oil, coolant and fuel filter. Checking of self starting system, dynamo, battery charger, safety parameters and cut outs to check, exhaust system, lubrication system, cooling system, fuel system, all foundation bolts and repair/renewal of spare to be done as required as per direction of EIC /surveyor with successful trial run shown.					
2.01	Labour charges	job	2	26730.00	53460.00	
2.02	Cost of spares on actual plus 10% basis.	LS	2	59400.00		118800.00
3.00	Both genset alternator to overhaul including exciter and AVR check, insulation checking, heat varnishing, megger testing etc is to be done with renewal of necessary spare parts as required as per direction of EIC/ Surveyor	comp job	2	19800.00	39600.00	
4.00	Harbour genset 3R 1040 25 KVA making vibration in starting same to be inspected and repair with required spare as per direction of EIC. Governor and exhaust trunking to be inspected	comp job	1	19800.00	19800.00	
5.00	Sea chest, mud box, strainer to be opened, cleaned and boxed back and renewal of gasket and nut bolt as required.	comp job	2	9900.00	19800.00	
5.01	Sea chest valves, overboard valves, Fire, General service, seawater and freshwater valves to be overhauled and pipeline to be operationally pressure tested as required with renewal of required materials - gasket, valve seat etc. as per direction of EIC/ Surveyor.	comp job	1	49500.00	49500.00	
6.00	Both side HRP unit safety system inspection /repair, Checking and repair of panel board signal and switch, hydraulic system, seals, solenoid switch, PID controller, Joystick control at W/H and feedback system. One unit HRP unit electronic PID control panel system is faulty with alarm unit failure same to be repaired and renew spare as required as per direction of EIC.					
6.01	Labour charges	job	1	79200.00	79200.00	
6.02	Cost of spares (actual + 10%)	LS	1	49500.00		49500.00

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	Description of work	Units	Qty	Rate (in Rs.)	Amount (in Rs.)	
					Labour	Spares
7.00	Electrical/electronics AC/DC line/wiring, control panel of engine room switch board, wheel house, accommodation (lights, fans etc), engine room (including emergency lights), general alarm bell, D.C. horn, air horn, battery charger, switch boards, MCBs, switch board, sensors, lighting, navigational lights, search light, halogen light, fire alarm, siren, bed light, table light, light cover, exhaust fan, wipers & other fittings etc. are to be checked and rectified the defects as required, with renewal of required materials as required as per direction of EIC/Surveyor. Control panel switch and MCBs of genset to be cleaned, overhauled and all trips to check as per direction of EIC.	comp job	1	59400.00	59400.00	
7.01	Cost of spares (actual + 10%)	LS	1	29700.00		29700.00
8.00	1 no Reserve FO tank (cap- approx 12 KL) and 1 no FW (12 KL) tank, 2 nos service tank (cap- approx 400 liters) to be opened, cleaned, inspection and boxed back as required as per direction of EIC.	comp job	1	29700.00	29700.00	
9.00	Supply of 8 nos of standard ISI marked life jacket as per new safety guidelines with certification.	No.	8	1980.00	15840.00	
10.00	Supply of 4 nos of standard ISI marked life buoy as per new safety guidelines with certification.	No.	4	2970.00	11880.00	
11.00	1 no weather tight door, 6 nos hatch cover and other rubber packing to renew with required spare as required as per direction of EIC/Surveyor.	comp job	1	29700.00	29700.00	
12.00	Servicing of deck mounted electro hydraulic crane, gear, bearing drives seals, filters, solenoid switch, greasing nipple, limit switch, high pressure line. Safety parameter indication to check and repair with required spare as required as per direction of EIC.	comp job	1	59400.00	59400.00	
13.00	Both HRP unit indication panel control control box unit in engine room and wheel house feedback unit checking and repair with required spare as per direction of EIC.	comp job	1	49500.00	49500.00	
14.00	Cropping and renewal of damaged plate of guard railing, deck, side shell angles, frames railing, bracket, Engine room etc MS plate / Iron plate, pipe of existing thickness followed by paint with red oxide primer as required to be done as per direction of EIC.	kg	500	198.00	99000.00	
15.00	Overhauling of SW, FW, FO, Sewage, Bilge p/p and check pump pressure and adjust the wear ring clearance and renew gasket, impeller and gland packing if any damage found as required as per direction of EIC.	comp job	5	7920.00	39600.00	
16.00	3 nos Door and door net to be repaired /renew as required as per direction of EIC.	comp job	1	24750.00	24750.00	
17.00	Bathroom 2 nos commode to repair/renew, 2 tap to repair/renew, suction and discharge pipeline of water tap of 2 nos bathroom to repair/renew with required spare as per direction of EIC.	comp job	1	49500.00	49500.00	
18.00	2 length (27m) each of anchor chain of ISI marked to supply and fitting with required diameter as per direction of EIC.	comp job	1	74250.00	74250.00	
19.00	Servicing of galley chimney with renewal of spare as required, repair of kitchen shelf and drawer along with supply of kitchen room utensil -Mixing machine 1 no, 2 nos 12 inch patila, cooking heater coil 2000Watt 1 no to supply and fitting as required as per direction of EIC.	comp job	1	59400.00	59400.00	

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#	Description of work	Units	Qty	Rate (in Rs.)	Amount (in Rs.)	
					Labour	Spares
19.01	Mat cover and wooden fitting of accomodation and dining room damaged at some location same to be repaired / renewed along with cement levelling as per direction of EIC/ Surveyor. .	comp job	1	64350.00	64350.00	
20.00	The entire ship side shell plate from LWL to deck plate, superstructure, bathroom, galley inside, anchor chain, anchors, engine room, store, roof, railing, railing chain, bollard, draft mark, plimsoll mark, stairs, stair railings, rooms, roof along with other fitment etc, are to be proper cleaned, scrapped, wire brushed, chipped and painted as following, (a.)1 coat zinc chromate primer, (b.) 1 coat epoxy paint (c) marine quality paint to be done in dust free environment using airless spray machine. All pipe lines should be colored as per marine color code. After it name of vessel, depts. and logo to be made by fluorescent sticker as required as per direction of EIC/ Surveyor.	sqm	800	247.50	198000.00	
21.00	Bilges to be cleaned and drains to be cleared as per direction of EIC.	comp job	1	9900.00	9900.00	
22.00	1 nos portable 150 Ah/ 12 V tubular battery inverter not working same to repair or renew with required spare as per direction of EIC.	No	1	14355.00	14355.00	
23.00	1 nos portable 150 Ah/ 12 V Solar power battery not working same to repair or renew as per direction of EIC.	no	1	14355.00	14355.00	
24.00	Supply and fitting of 2 fire hose coupling joint of dia 63 mm and same to be checked if correct fitting with existing fire hose of same dia is possible as per direction of EIC.	comp job	1	9900.00	9900.00	
25.00	Supply of reputed 2nos walkie talkie system along with programming of the same as per direction of EIC.	no	2	24750.00	49500.00	
26.00	Supply and fitment of reputed LED television (32") with dish antenna & set top box as required as per direction of EIC.	comp job	1	29700.00	29700.00	
27.00	Making of required hook support to tie up tyre fender on both side of deck and supply and fitting of 15 nos tyre fender with bull dog clamp as per direction of EIC.	comp job	1	39600.00	39600.00	
28.00	Supply and fitting of reputed aquagaurd alongwith fitting at required place as per direction of EIC.	No.	1	24750.00	24750.00	
29.00	12 nos curtain 1*1 m to supply and fitting as required and supply and fitting of 5 nos mattress on required bed bunk ,supply and fitting of 6 nos standard pillow and pillow cover ,10 bedsheets and 10 mosquito net as per direction of EIC.	LS	1	44550.00	44550.00	
Total Amount (in Rs.)					1451340.00	356400.00
Work Order Amount (in Rs.)					1807740.00	

(Rupees Eighteen lakh seven thousand seven hundred and forty only)

GST Extra as applicable

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for