



Phone : 0361-2676925, 2676929, 2570099
Email : dirguw.iwai@nic.in
Website : www.iwai.nic.in



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

No. IWAI/GHY/WB Iris/4(106)/2019-20/567

31st July 2024

To,

M/s Maa Vindhyawasni Enterprises
Sarvan Surya Complex, Shakuntala Markket,
Keshari Nagar, Patna-800024

Sub:- Award of work for "Annual afloat repair of IWAI vessel WB Iris for the year 2024-25" – reg.

Ref:- 1) NIT No.: IWAI/GHY/Saffron/4(103)/24-25
2) Your E-Bid no.: 3047784, dated 9.7.2024

Sir,

Inland Waterways Authority of India (IWAI), RO Guwahati is pleased to award the work for "Annual afloat repair of IWAI vessel WB Iris for the year 2024-25" at a total cost of Rs. 10,37,200/- (Rupees Ten lakh thirty seven thousand and two hundred only) plus GST as applicable. Further, Cost of Spares on actual plus 10% basis shall be reimbursed on submission of proper bills / invoices in accordance with the terms & conditions of the contract. Detailed Bill of quantity is attached as Annex-I.

2. It is requested to deposit an amount of Rs. 51,860/- (Rupees Fifty one thousand eight hundred and sixty only) i.e., 5 % of the contract value of the work either in the form of RTGS / NEFT through scheduled / nationalized banks in favour of "IWAI FUND PLAN" payable at Guwahati (or) in the form of irrevocable bank guarantee of any scheduled bank towards Performance Guarantee within 15 days from the issue of this letter as per **Clause 3** of General Conditions of Contract (GCC). **As per GCC Clause 29.6, you are also requested to take insurance policy mandatory before commencing the above work.** In addition to the above, a security deposit equivalent to 5% of the contract value (i.e., Rs. 51,860/- (Rupees Fifty one thousand eight hundred and sixty only) will be deducted from your 1st RA bill as per **Clause 4** of the General Conditions of Contract.

3. The payment shall be made as per the Bill of Quantity on satisfactory completion & certification of the items of works by EIC (or) his authorized representative. While submitting the bills, you have to indicate GST also, which may be paid by this office as per norms.

4. Time is the essence of this work. The whole work has to be completed within a period of **45 days** from the date of handing over the vessel. The work has to be completed as per Tender terms & conditions.

5. The cost of spares will be paid on an actual basis, submission of Proper GST bills in support of the purchase of spares is mandatory along with challan. The old spares replaced shall also be returned

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

7. 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 15 days.

Encl.: as above

Yours faithfully,

(Prabin Bora)
Director

E-mail: pbora.iwai@nic.in
Phone:- 0361-2676925

Copy for information to (by E-mail):-

1. The Chief Engineer (Tech.), IWAI, Noida
2. The Dy. Director (Marine), IWAI, Noida
3. The Accounts Officer, IWAI, Guwahati.

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

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

BOQ FOR ANNUAL AFLOAT REPAIR OF WB IRIS FOR THE YEAR 2024-25

Sl.No	Description of Work / Item(s)	No. of Qty	Units	Rate	Amount
1.00	Servicing of main engine make : Cummins, Model-NT8 55M, 270 BHP, is to be done with checking, servicing and renewal of spares like diesel filter, LO filter, belts, air filter, fuel-water-oil pipes. Servicing of self starter and battery charger. Checking and rectification of safety system parameters. Cleaning of radiator shall be done. Cooler to be cleaned, checking of exhaust line, trunking and silencer. Renewal of gauges/meters (digital and analog) installed on machine, engine room panel board and wheel house. Coupling and hose pipes etc. has to be replace as required as per direction of EIC/ Surveyor.				
1.01	Labour charges	2	No.	48000.00	96000.00
1.02	Cost of spares/material (actual bill/invoice + 10%)				
2.00	It is reported that hydraulic oil is leakage from HRP, the same has to be arrested by renewal of seal etc. Checking and replace of complete HRP system from wheel house to kort as required as per direction of EIC/Surveyor.				
2.01	Labour charges	2	No.	80000.00	160000.00
2.02	Cost of spares/material (actual bill/invoice + 10%)				
3.00	Servicing of genset engine make : Simpsons, model no. S433, Speed: 1500 RPM, with renewal of air filter etc. Safety parameters with cut outs, exhaust system/pipes with trunking/cover/glass wool, cooling system, silencer to be check and rectified. Leakage to be arrested as required. Cleaning of radiator shall be done. Cooler to be cleaned. Gauges/meters installed on machine, engine room panel box as well as wheel house to be inspect and replace if needed. Coupling and hose pipes etc. has to be replace as required as per direction of EIC/ Surveyor. (Lube oil given by IWA)				
3.01	Labour charges	1	No.	30000.00	30000.00
3.02	Cost of spares/material (actual bill/invoice + 10%)				
4.00	Servicing of genset engine make : Kirloskar, model no. 4R-1040T, Speed:1500 RPM, with renewal of air filter etc. Safety parameters with cut outs, exhaust system/pipes with trunking/cover/glass wool, cooling system, silencer to be check and rectified. Leakage to be arrested as required. Cleaning of radiator shall be done. Cooler to be cleaned. Gauges/meters installed on machine, engine room panel box as well as wheel house to be inspect and replace if needed. Coupling and hose pipes etc. has to be replace as required as per direction of EIC/ Surveyor. (Lube oil given by IWA)				
4.01	Labour charges	1	No.	30000.00	30000.00
4.02	Cost of spares/material (actual bill/invoice + 10%)				

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5 00	Bilge line not working properly, the same has to make fully operational, by checking/servicing, cleaning and repair of line, motor and pump etc as required as per direction of EIC/Surveyor.				
5.01	Labour charges	1	Comp. Job	12000.00	12000.00
5.02	Cost of spares/material (actual bill/invoice + 10%)				
6 00	Rubber beading of engine room door -1 no., hatch cover - 04 Nos., blower - 02 nos. was wasted and perished. The same has to renewed with existing composition, material and dimension as required as per direction of EIC				
6.01	Labour charges	1	Comp. Job	10000.00	10000.00
6.02	Cost of spares/material (actual bill/invoice + 10%)				
7 00	Installation of good quality door consisting steel mesh (approx size of each door 72" X 34") for preventing mosquitos on the existing door frames with latch, hinge and handle including labour charges and materials, as required as per direction of EIC.	2	Nos.	7000.00	14000.00
8.00	It is reported that, steel mesh (approx size of each door 72" X 34") for preventing mosquitos on the existing door frames was damaged. The same has to be repaired including labour charges and materials as required as per direction of EIC.	3	Nos.	2500.00	7500.00
9 00	Supply and fitting of good quality window mosquito mesh, self-adhesive hook tape type size (Window Dimensions-37"X35") including labour and materials charges as required as per direction of EIC.	8	Nos	1800.00	14400.00
10.00	Supply and fitting of good quality window curtain for (cloth/cotton) of size (Window Dimensions-37"X35") including labour and materials like hanging spring & hook etc charges as required as per direction of EIC.	8	Comp. Job	1400.00	11200.00
11.00	Supply and fitting of good quality door curtain for (cloth/cotton) of size (Door Dimensions-72" X 34") including labour and materials like hanging spring & hook etc charges as required as per direction of EIC.	6	Comp. Job	1600.00	9600.00
12 00	Installment of split air conditioner (1.0 ton DC inverter) at wheel house with all electrical connection, stablizer, directly from genset and carpentary work etc. as required as per direction of surveyor/EIC.				
12.01	Labour charges	1	Comp. Job	7000.00	7000.00
12.02	Cost of spares/material (actual bill/invoice + 10%)				
13 00	Installment of new VHF for communication at wheel house with electrical connection and carpentary works as required as per direction of EIC/Surveyor.				
13.01	Labour charges	1	Comp. Job	12000.00	12000.00
13.02	Cost of spares/material (actual bill/invoice + 10%)				
14 00	Both bathroom's and kitchen tiles (floor & wall) was damaged the same has to be renewed by cementing etc as required as per direction of EIC.				
14.01	Labour charges	1	Comp. Job	39500.00	39500.00

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14.02	Cost of spares/material (actual bill/invoice + 10%)				
15.00	Servicing of deck mounted crane, it is reported that hydraulic oil is leaking, the same has to be rectified, as required as per direction of EIC.				
15.01	Labour charges	1	Comp. Job	25000.00	25000.00
15.02	Cost of spares/material (actual bill/invoice + 10%)				
16.00	Wheel house general alarm bell and calling bell was out of order, the same has to be repaired/renewed. Entire electrical/electronics/AC/DC line, panel of engine room, accommodation, engine room (including emergency lights), switch boards, lighting, navigational lights, fire alarm, bed light, table light, light cover, all navigation horn/alarm, exhaust, MCB, push buttons & other fittings etc. are to be checked and rectified the defects as required, with renewal of required materials. Line & wiring to be checked and serviced/ repaired as required as per direction of EIC/Surveyor.				
16.01	Labour charges	1	Comp. Job	45000.00	45000.00
16.02	Cost of spares/material (actual bill/invoice + 10%)				
17.00	Installation of fresh & sea water syntex's cover with 2 side lock arrangement in both tank. Installation of mirror, towell rod, soap stand, cloth hook, comode top in both bathrooms as required as per direction of EIC. 2 no. attach bathroom's all accessories i.e taps, showers, latch, flush tank with pipe, valves, complete wash basin, jet, exhaust fan etc and fitments to be checked and repaired/renewed as required and ensure leakage proof & free flow of water from over head tanks. Galley and dinging room's sink/basin, taps, discharge pipe, strainer, napkin stand, soap stand and mirror to checked and renew as required as per direction of EIC.				
17.01	Labour charges	1	Comp. Job	35000.00	35000.00
17.02	Cost of spares/material (actual bill/invoice + 10%)				
18.00	Installation of fire hose of dimension 30 meter and 63 mm dia in fire hose box by fitting existing nozzle as required as per direction of EIC.	1	Comp Job	20000.00	20000.00
19.00	It is reported that lube oil leakage from portable Honda pump the same has to be arrested and servicing to be done with renewal of spares as required as per direction of EIC.				
19.01	Labour charges	1	No.	5000.00	5000.00
19.02	Cost of spares/material (actual bill/invoice + 10%)				
20.00	It is reported that PVC doors of both bathroom was damaged. The same has to be renewed by reputed/branded make with latch, hinge and handle etc. as required as per direction of EIC.	2	No.	4500.00	9000.00
21.00	It is reported that Door & Almirah of galley was damaged, the same has to be repaired with requisite material. Entire vessels's carpentry, sunmica, plywood and wooden work to be done as required as per direction of EIC.				
21.01	Labour charges	1	Comp. Job	35000.00	35000.00
21.02	Cost of spares/material (actual bill/invoice + 10%)				

22.00	Servicing of echosounder and transducer and it's line with renewal of requisite accessories as required as per direction of EIC/Surveyor.				
22.01	Labour charges	1	Comp. Job	60000.00	60000.00
22.02	Cost of spares/material (actual bill/invoice + 10%)				
23.00	01 in nos. FRP Crew Boat / Life Boat (Dia. 4.50 x1.86x0.75 mtr, 06 person) Make: SHM, Entire rubber fender(Running meter=20) is wasted and perished, the same to be renewed and fitted by good/reputed existing material with strengthening the structure. Fibreglass, hand rest, hull/base, bollard and chair was damaged the same has to be repaired by providing necessary material gluing with adhesive to make leak proof and strengthening the structure. Painting of FRP boat with double coat & naming of vessel as required as per direction of EIC.				
23.01	Labour charges	1	Comp. Job	45000.00	45000.00
23.02	Cost of spares/material (actual bill/invoice + 10%)				
24.00	It is reported that manhole of HSD tank, water tank, ballast tank bolt's thread was rubbed and perished the same has to be rectified by making thread and putting SS nut bolts. All manhole's rubber gasket to be replaced. (Total manhole = 6, Total nut bolts = 144)	1	Comp Job	45000.00	45000.00
25.00	It is reported that 5 no wooden door was damaged. The same has to be replaced with teak wood or rosewood on existing frame with latch, hinge and handle as required as per direction of EIC. (Approx. dimension of door = 72" x 34"x2")	5	No.	8000.00	40000.00
26.00	Installation of 6 litre capacity new Geyser (1 no.) in officer bathroom with all plumbing, electrical and carpentry works as required as per direction of EIC.				
26.01	Labour charges	1	No.	1500.00	1500.00
26.02	Cost of spares/material (actual bill/invoice + 10%)				
27.00	Installation of water purification machine with all type of electrical, plumbing and carpentry works. Provision of booster pump with connection from overhead tank to filter as required as per direction of EIC.				
27.01	Labour charges	1	Comp. Job	12000.00	12000.00
27.02	Cost of spares/material (actual bill/invoice + 10%)				
28.00	Servicing of both genset's self starter and dynamo as required as per direction of EIC.				
28.01	Labour charges	2	Nos.	3000.00	6000.00
28.02	Cost of spares/material (actual bill/invoice + 10%)				
29.00	Servicing of fuel transfer pump with renewal of seal as required as per direction of EIC.				
29.01	Labour charges	1	No.	8000.00	8000.00
29.02	Cost of spares/material (actual bill/invoice + 10%)				
30.00	Installation of chimney at galley with all connection like electrical, carpentry, ducting and mounting etc as required as per direction of surveyor/EIC.				

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30.01	Labour charges	1	No.	6000.00	6000.00
30.02	Cost of spares/material (actual bill/invoice + 10%)				
31.00	Installation of 300 W solar power unit with solar panel, batteries and other applicable accessories with output to vessel's apparatus as required as per direction of EIC/ Surveyor.				
31.01	Labour charges	1	Comp. job	15000.00	15000.00
31.02	Cost of spares/material (actual bill/invoice + 10%)				
32.00	Servicing of OBM engine (25 HP) with renewal of filters and pipes etc as required as per direction of EIC.				
32.01	Labour charges	1	Comp. job	5000.00	5000.00
32.02	Cost of spares/material (actual bill/invoice + 10%)				
33.00	Installation of truck tyre, bull dog clamp and wire rope including labour and material as required as per direction of EIC.	12	No.	2000.00	24000.00
34.00	Installation of manhole cover flap, made with MS, properly painted with handle to prevent water contact of chamber as required as per direction of EIC.	5	No.	8300.00	41500.00
35.00	Installation of inter telecom system to make communication from wheel house to engine room. Speaker for announcement in crew room, dining/galley and engine room as required as per direction of EIC.				
35.01	Labour charges	1	Comp. job	35000.00	35000.00
35.02	Cost of spares/material (actual bill/invoice + 10%)				
36.00	Installation of new master chair in wheel house by gas cutting and welding etc as required as per direction of EIC.	1	No.	25000.00	25000.00
37.00	Installation of walkie talkie in wheel house with all electrical connection and at user friendly/ easily visible location in wheel house as required as per direction of EIC.				
37.01	Labour charges	1	Comp. job	6000.00	6000.00
37.02	Cost of spares/material (actual bill/invoice + 10%)				
38.00	Fire extinguisher to be hydraulic tested, refilled with same materials after renewal of accessories. Certificate is to be submitted as required as per direction of Surveyor/ EIC.				
38.01	Water type 09 ltrs	2	No.	3500.00	7000.00
38.02	DCP Type -05 kgs	4	No.	3500.00	14000.00
38.03	Mechanical Foam type 09 ltrs	4	No.	3500.00	14000.00
38.04	Replacement of any leaked cylinder(Auctual bill/invoice + 10%)				
Total Labour Cost (in Rs.)					1037200.00

(Rupees Ten lakh thirty seven thousand and two hundred only)

Note:

1. Cost of spares on actual plus 10% basis shall be reimbursed during submission of proper bill / invoices
2. GST extra as applicable

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Arun

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