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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/Jiabhorali /4(88)/2015-16/ 849

27th September 2023

To,

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

Sub:- Work order for “Annual repair of IWAI vessel HSD Jiabhorali for the year 2023-24” – reg.

Ref:- 1. NIT No.: IWAIGw-13006/1/2023-AD(Marine), dt. 5.9.2023
2. Your E-Bid no.: NIL, dt. 9.9.2023

Sir,

With reference to the above, Inland Waterways Authority of India (IWAI), RO Guwahati is pleased to place the work order for “Annual repair of IWAI vessel HSD Jiabhorali for the year 2023-24” at a total cost of **Rs. 13,51,053/- (Rupees Thirteen lakh fifty one thousand and fifty three 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. 67,553/- (Rupees Sixty seven thousand five hundred and fifty three 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. 67,553/- (Rupees Sixty seven thousand five hundred and fifty three 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.

Encl:- as stated above

Yours faithfully,

(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 Annual repair of IWAI vessel HSD JIABHORALI for the year 2023-24

Sl. No.	Description of work	Unit	Qty	Rate(₹)	Amount(₹)	
					Labour	Spares
1.00	2 nos Dredge pump driving engine make- Cummins type NT-855 ,170 BHP each top overhauling is to be done by authorised dealer with all unit tappet clearance to check and adjust.fuel filter,lube oil and coolant filters renewal .Checking of Self starting system ,safety parameters,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	No.	2	34650.00	69300.00	
1.02	Cost of spares (actual + 10%)	LS	2	39600.00		79200.00
2.00	2 nos Gear box(centrifugal/dredge pump) make - Premium type H1-180 ratio 1.5/1P1 to be check and servicing to be done with renewal of spare parts ,port side gear box have leakage from sealing nut which need to arrest with required spare as shall be required for proper working as per direction of EIC/Surveyor.	comp job	2	14850.00	29700.00	
3.00	2 nos 50 KVA Simpson RB66C model genset major overhauling is to be done by authorised dealer with all unit tappet clearance to check and adjust by authorised dealer service engg including servicing and renewal of fuel filter,lube oil filter and coolant filter.Checking of self starting system ,safety parameters ,checking of gauges,exhaust system ,lubrication system ,cooling system ,fuel system ,all foundation bolts and repair / renew with required spare ,leakage to arrest from flexible couplings to be done as required as per direction of EIC /surveyor with successful trial run shown .					
3.01	Labour charges	No.	2	24750.00	49500.00	
3.02	Cost of spares (actual + 10%)	LS	2	29700.00		59400.00
4.00	The Alternator make Crompton Greaves of 50 KVA genset's servicing to be done with checking of insulation, heat varnishing and megger testing, etc. with renewal of material as required as per direction of EIC/ surveyor.	comp job	2	19800.00	39600.00	
5.00	Engine(HRP) make - Daewoo D1146, 129 HP, overhauling of fuel injector 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 including serving.Checking of self starting system ,safety parameters ,checking of gauges,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 . Front HRP engine signal indication is non operational and facing problem in navigation same to be repaired /renewed with necessary spare required as per direction of EIC.					
5.01	Labour charges	No.	3	19800.00	59400.00	
5.02	Cost of spares (actual + 10%)	LS	1	99000.00		99000.00
6.00	Hydraulic lines to be checked and repaired alongwith leakage to be arrested with renewal of its gaskets, seals, o-rings, damaged high pressure hoses, etc as required and make leak proof and operational of hydraulic lines with required pressure and ensure air free operation as per direction of EIC/ Surveyor.	comp job	1	69300.00	69300.00	
7	Electrical/electronics, AC/DC line/wiring, panel of engine room, wheel house, accomodation (lights, fans etc) ,engine room (including emergency lights), general alarm bell, D.C. horn, air horn, battery charger, switch boards ,MCBs, switch boardv ,sensors, lighting, navigational lights, search light, halogen light (5 nos) to supply , 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.Supply and fitting of 5nos flood light .	comp job	1	64350.00	64350.00	

Sl. No.	Description of work	Unit	Qty	Rate(₹)	Amount(₹)	
					Labour	Spares
8	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 with 100 micron each . All pipe lines should be colored as per marine color code. After it name of vessel, deptt. and logo to be made by fluorescent sticker as required as per direction of EIC/ Surveyor.	Sq.m.	750	247.50	185625.00	
9	Wheel house 2 nos air conditioner is out of order the same to be renewed/fitting done as per direction of EIC/ surveyor.	comp job	2	49500.00	99000.00	
10	Supply of spare 1)HRP engine make Daewoo D1146(a)superservo filter ssf-3847 ,6 nos (b)super servo fuel filter (ssf-3383),6 nos (c.) super servo water sep filter (ssf-4057),6 nos(d) V-belt-(0084-1500-2)6nos , (A1585LP/A61)-6 nos . (2)DG ENGINE /SIMPSON (a)Oil filter(ssf3010)super servo 4 nos (b) V-belt A52 A1350209-4 nos (c.) V-belt A64-4 nos (d)diesel filter element .					
10.01	Cost of spares (actual + 10%)	LS	1	24750.00		24750.00
11	Supply and fitting of reputed 10nos (1m*1m) curtain, 6 nos mattress with fitting on bed bunk ,6 nos mild winter blanket ,pillow and pillow cover ,bedsheet ,mosquito net each ,4 nos wall mounted fan of blade dia 200-300 mm ,2 wall clock along with fitting as per direction of EIC.	comp job	1	39600.00	39600.00	
12	Supply and fitting of new Refrigerator of good brand of approx 190 litre with povision of jerk free arrangements to made to prevents vibration as per direction of EIC.	comp job	1	24750.00	24750.00	
13	Supply of reputed make 1 nos walkie talkie set along with programming of each other as require as per direction of EIC/Surveyor.	comp job	1	19800.00	19800.00	
14	All rubber of weathertight hatches and door are hardened the same to be renewed alongwith missing hinges, with good quality of adhesive as required as per direction of Surveyor/EIC.	comp job	1	24750.00	24750.00	
15	Galley's chimney reported out of order the same to be repair/renew as required ,kitchen shelf and drawer to be made with wooden fitments along with repair of kitchen tap ,pipelines and drain line pipe fittings as required per direction of EIC.	comp job	1	59400.00	59400.00	
16	Supply and fitting of reputed aquagaurd alongwith fitting at required place as per direction of EIC.	comp job	1	19800.00	19800.00	
17	Repair of 2 nos bathroom tap,door & locks,tower bolt ,basin, shower, taps, commode cover, flushing tank pipe, pipeline fittings of about 5m to repair/renew and supply and fitting of 2 nos water tank sintex cover as required as per direction of EIC.	comp job	1	49500.00	49500.00	
18	Supply of 8 nos of standard ISI marked life jacket as per new safety guidelines with certification.	No.	6	1980.00	11880.00	
19	Supply of 4 nos of standard ISI marked life buoy as per new safety guidelines with certification .	No.	4	2970.00	11880.00	
20	All water lines and valve (fresh, sea, fire) to be checked and repaired as required with renewal of required materials - gasket ,valve seat etc. as per direction of EIC/ Surveyor.	comp job	1	29700.00	29700.00	
21	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	400	198.00	79200.00	

Sl. No.	Description of work	Unit	Qty	Rate(₹)	Amount(₹)	
					Labour	Spares
22	Fire hose box (3 nos) is damaged same to be repaired with plating of same thickness and painted with same color as per direction of EIC.	comp job	3	3960.00	11880.00	
23	Fire extinguisher to be hydraulic tested, refilled with same refilling materials and made operational after renewal of accessories, certificate is to be produced as required as per direction of Surveyor/ EIC.					
23.01	DCP-5 kg	No.	4	3168.00	12672.00	
23.02	Mechanical foam AFFF -9 ltr	No.	4	3168.00	12672.00	
23.03	Liquid CO2 - 9 ltr.	No.	3	3168.00	9504.00	
23.04	Mechanical foam AFFF -50 ltr	No.	1	5940.00	5940.00	
Total Amount (in ₹)					1088703	262350
Work Order value (in ₹)					1351053.00	

(Rupees Thirteen lakh fifty one thousand and fifty three only)

GST Extra as applicable