



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/SL Kosi/4(112)/2019-20/1009

27th October 2023

To,

M/s Das Consultancy & Agency Services
81, Mridula Bhawan, Chatribari
Guwahati – 700001, Assam

Sub:- Work order for "Dry Dock Repair of IWAI vessel SL Kosi for the year 2023-24" – reg.

Ref:- 1. NIT No.: IWAIGw-130112/1/2023

2. Your E-Bid no.: NIL, dt 4.10.2023

Sir,

With reference to the above, Inland Waterways Authority of India (IWAI), RO Guwahati is pleased to place the work order for "Dry Dock Repair of IWAI vessel SL Kosi for the year 2023-24" at a total cost of **Rs. 15,65,900/- (Rupees Fifteen lakh sixty five thousand and nine hundred only)** which is equal to the 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. 78,295/- (Rupees Seventy eight thousand two hundred and ninety five 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. 78,295/- (Rupees Seventy eight thousand two hundred and ninety five 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:-

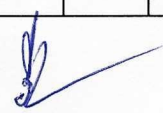
The Jr. Accounts Officer, IWAI, Guwahati

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

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

BOQ for Dry dock repair of IWAI vessel SL Kosi for the year 2023-24

Sl. No.	Item Description	Units	Qty	Rate (in ₹)	Amount (in ₹)
1.00	Vessel shifting with assistance of pilot along with mooring and unmooring as required .Vessel to be beached ,blocking at adequate height as per vessel docking plan and unblocking in suitable site for underwater inspection, cleaning ,scrapping ,wire brussing ,chipping ,repairing as required and painting as per direction of EIC.Fire precautions arrangements and gas free /hot work certificates required for work to be carried inside tanks.	GRT	64	4000.00	256000.00
2.00	Visual inspection and ultrasonic thickness gauging to be carried out for thickness determination to the bottom shell ,side shell and main deck .UTG to be carried out in presence of IWT Surveyor .Both anchor housing box inside void space to be gauged .Test report to be submitted as required as per direction of EIC/Surveyor .	spot	360	90.00	32400.00
3.00	Renewal of bottom damaged /wasted plate, stiffeners and inside tanks platings with same material quality to be undertaken as per UTG and EIC/IWT Surveyor and visual inspection report.Report of same material plating used for repair/renewal to be given .	kg	1000	200.00	200000.00
4.00	For surface preparation and painting of the underwater hull,above water hull plate and side plate to be undertaken as per following standards : (i) Surface preparation :By water jet cleaning (ii)Surface painting :-Marine quality painting to be done in dust free environment using airless spray machine as following -(a) 1st coat -100 micron primer (b) 2nd coat -70 micron tiecoat (c) 3rd coat -125 micron anti follic paint (d) 4th coat -125 micron anti follic glossy paint .All pipe lines should be colored as per marine color code.	sqm	180	275.00	49500.00
5.00	Sacrificial (zinc) anode to be renewed in hull size (360*50*50)mm as required as per direction of EIC/IWT Surveyor.	No	10	4200.00	42000.00
6.00	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	50000.00	50000.00
7.00	Sea chest ,mud box ,strainer to be opened ,cleaned and boxed back and renewal of gasket and nut bolt as required .	comp job	2	10000.00	20000.00
8.00	Electrical/electronics AC/DC line/wiring, contol panel of engine room switch board , 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, 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 . 2 nos officer cabin switch board repair as per direction of EIC.Supply of 1 nos electric tester,multimeter and laser temperature gun each.	comp job	1	65000.00	65000.00



Sl. No.	Item Description	Units	Qty	Rate (in ₹)	Amount (in ₹)
9.00	Supply of 8 nos of standard ISI marked life jacket as per new safety guidelines with certification.	No.	8	2000.00	16000.00
10.00	Supply of 4 nos of standard ISI marked life buoy as per new safety guidelines with certification .	No.	4	3000.00	12000.00
11.00	1 nos weather tight door , rudder room hatch and Fwd emergency escape hatch and all hatch cover rubber packing to renew with required spare as required as per direction of EIC/Surveyor.	comp job	1	25000.00	25000.00
12.00	Wheel house lever to be renewed and renewal of rubber wiper as per direction of EIC/ surveyor.	comp job	1	30000.00	30000.00
13.00	W/H ,2 nos officer cabins ,2 nos crew cabin and dining room floor mat of area 50 sqm is damaged same to be repaired/renewed with same original sheet as per direction of EIC .	sqm	50	700.00	35000.00
14.00	The entire ship side shell plate from LWL to deck plate, bathroom, galley inside, engine room, store, roof, railing, railing chain, bollard, draft mark, plimsoll mark, stairs, stair railings,air vents ,sounding pipe, 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 of 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.	sqm	700	250.00	175000.00
15.00	PA system is not working same to be repaired/renewed as per direction of EIC.	comp job	1	15000.00	15000.00
16.00	Supply and fitting of 1 nos 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	25000.00	25000.00
17.00	Supply and fitting of reputed 14 nos (1m*1m) curtain, 6 nos mattress cover with fitting on bed bunk ,mosquito net fitments on 4 nos door ,5 nos wall mounted fan of blade dia 200-300 mm ,2 wall clock along with fitting and supply of reputed 4 nos plastic chairs per direction of EIC.	comp job	1	45000.00	45000.00
18.00	Wheel house 1 nos air conditioner not working same to be repaired/renewed as required and fitting to be done as per direction of EIC/ surveyor.	comp job	1	50000.00	50000.00
19.00	Making of required hook support for 10 nos tyre fender on both side of deck with chain clamp as per direction of EIC.	comp job	10	2000.00	20000.00
20.00	Supply and fitment of 2 nos FW and SW syntex tank cover and supply and fitment of 3 nos 5-7 ltr geyser as required as per direction of EIC.	comp job	1	20000.00	20000.00
21.00	Supply of 1 nos semi rotary pump ,1 nos screw driver set, plier set ,open and closed wrench set ,wooden hammer set ,1 nos cutter punch and 1 nos spade .	comp job	1	8000.00	8000.00
22.00	Galley's electric chimney to be fitted as required ,kitchen shelf and drawer with wooden fitments to be repaired /renewed as required per direction of EIC.	comp job	1	60000.00	60000.00
23.00	Aft of ship side 1 nos bathroom 24 sqft plating is damaged same to be repaired as per direction of EIC.	comp job	1	15000.00	15000.00
24.00	Anchor motor control box unit to be inspected as it is not holding same to be repair/renewed as per direction of EIC.	comp job	1	15000.00	15000.00

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Sl. No.	Item Description	Units	Qty	Rate (in ₹)	Amount (in ₹)
25.00	Rudder indicator not working same to be repaired .Propeller and Rudder stock shaft grease lubrication passage to inspect ,clean and clear as required as per direction of EIC.	comp job	1	20000.00	20000.00
26.00	Installation and fitment of new 300 lts fuel service tank with new pump and pipe fittings as required since gravitation force is not sufficient for smooth fuel flow to the engine.Work includes material cost of system pipeline fitments ,valves at required fittings, electric driven pump fitment, flanges, foundation bolts, dampers, joints, packings and ms plate as required as per direction of EIC.				
26.01	Labour charges	No.	1	60000.00	60000.00
26.02	Cost of spares (actual + 10%)	LS	1	155000.00	155000.00
27.00	IWT surveyor fees(Rs.)	No.	1	20000.00	20000.00
28.00	Grand Total including labour and materials (Rs.)	No.	1	30000.00	30000.00
	Work Order value (in ₹)				1565900.00

(Rupees Fifteen lakh sixty five thousand and nine hundred only)

GST extra as applicable

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