



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



SAGARMALA
PORT-LED PROSPERITY

E-mail : iwaical@yahoo.com
dirkol.iwai@nic.in

IWAI/KOL/150/MN/38/1/2021/1272

05.03.2022.

To,

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

Sub: Work Order for dry-dock repair of M.V.Homi Bhabha.-reg.

Ref: E-procurement tender id. 2022_IWAI_673084_1 dated 12.02.2022.

Sir,

Kindly refer to e-tender no. IWAI/KOL/150/MN/38/1/2021/01/ for dry-dock repair of M.V.Homi Bhabha, we are pleased to place a work order to M/s Ghosh Enterprise at a total cost of Rs. 35,99,965/- (Rupees Thirty five lakh ninety nine thousand nine hundred and sixty five only) wherein Labour charges Rs. 25,99,965.00 and cost of spares Rs 10,00,000.00 (tentative) and excluding of GST as applicable, as per enclosed bill of quantity in accordance with the tender terms & conditions. Cost of spares on actual + 10 % basis to be paid subject to spares fitted and supplied within estimated cost. Incremental spare cost to be approved by Competent Authority.

The total cost of work shall be Rs 35,99,965/- and 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, including 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 at Howrah/Kolkata as per submitted tender document. Work to be carried out under IRS supervision as mentioned in tender document and Survey certificate from IWT, Govt. of W.B. to be obtained on completion of work. If any additional work is required to be carried out, completion period shall be extended accordingly.

-P.T.O-

You are requested to deposit Rs. 1,79,998/- (Rupees One lakh seventy nine thousand nine hundred and ninety eight only) being the 5% of the contract value as performance guarantee for the due fulfillment of the contract in form of Demand Draft on any Nationalized Bank or Scheduled Bank of India in favor of "Inland Waterways Authority of India Fund" payable at Kolkata within 15 days of the issue of this work order as per terms & conditions of the tender document. Further, Security Deposit shall be deducted from each running bill @ 10 % of the gross amount of bill till the security deposit amount along with EMD becomes 5 % of total contract value.

In case of delay in completion of the repair work of the vessel and delivery thereafter, liquidated damages as per the Clause no. 35 will be applicable @ 1.5% per month of delay for delay of work to be computed on per day basis subject to a maximum 10% on the total value of the contract.

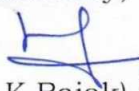
A list of the additional work which is considered necessary as per recommendation of the EIC and or those which are directed during the course of repairs for satisfactory completion of repairs and subsequent commissioning of vessel should be prepared jointly by EIC and contractor. Thereafter, contractor 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 6 months or manufacturers warrantee whichever is more from the date of delivery of the vessel after repair.

An agreement shall be entered between this Authority and yours in the approved format within ten 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.

Yours faithfully,


(L.K. Rajak) 512/4
DIRECTOR

Enc.: As Stated.
Copy to: Accounts Section, IWAI Kolkata.

BOQ for repair of MV Homi Bhabha during the year 2021-22

Sl. No.	Description of work	Unit	Qty	Rate	Amount
1	Beaching , blocking, unblocking including dock hire / mooring charges for repair of vessel as required as per direction of EIC/ surveyor.	Comp.	1	200000	200000
2	Ultrasonic testing to be done of hull, deck plate & LWL ship side plate, etc for checking of thickness as has been mentioned in IRS report for underwater and hull condition, as per direction of IWT Surveyor / EIC.	Spot	400	150	60000
3	Cropping & renewal of under water, deck plate & super structure etc as required after ultrasonic testing & its report as per direction of IWT Surveyor/ EIC.	ton	2	110000	220000
4	Painting of hull plate & side plate, engine room, galley, bathroom to be done by 3 coat (1 coat zinc chromate primer and 2 coat of marine paints as per existing colour) from keel to water level as per direction of IWT Surveyor/ EIC.	Sq.m.	1200	250	300000
5	Opening and fitting of propeller after repairing with same composition of material, fairing, balancing and bedding as required as per direction of EIC/Surveyor.	Comp.	2	75000	150000
6	Opening and fitting of propeller shaft and bushes after re-metalling, repairing, straightening, machining, bedding etc. as required as per direction of EIC/Surveyor.	Comp.	2	175000	350000
7	D check of generator engine make - Simpson, 50 KVA, 440V is to be done with checking and renewal of liner, piston,rings,valves,heads and other accessories alongwith calibration of fuel pump , injectors, cooling water pump, etc as shall be required . The necessary machining is also to be done as required to complete the entire works and make the generator operational as per direction of EIC/Surveyor.				
	Labour charges	No.	2	30000	60000
	Cost of spares (actual + 10%)				


 T.A(H)
 5/3/22



8	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.				
	Labour charges	No.	2	20000	40000
	Cost of spares (actual + 10%)				
9	All hydraulic lines to be checked and leakage to be arrested with renewal of its gaskets, seals, o-rings, high pressure hoses, etc as required and make leak proof. Also fill up the hydraulic oil in the tank as well as make operation of all hydraulic lines and ensure air free operation as per direction of EIC/ Surveyor.				
a	Labour charges	Comp.	1	30000	30000
b	Cost of spares (actual + 10%)				
10	All pressure gauges to be checked and replaced in wheel house, engine room, deck, pump room etc. as required as per direction of EIC/ Surveyor.				
a	Labour charges	Comp.	1	15000	15000
b	Cost of spares (actual + 10%)				
11	All electrical panel of wheel house, engine room, deck, motors, blowers, fans, lights, emergency line, and its line to be checked and serviced/ repaired as required with renewal of required materials as per direction of EIC/ Surveyor.				
a	Labour charges	Comp.	1	180000	180000
b	Cost of spares (actual + 10%)				
12	Emergency fire pump(main deck), blige pumps, fuel oil transfer(engine room) rubber coupling reported missing and same have to be renewed with good quality of adequate capacity as require as per direction of Surveyor/EIC.				
a	Labour charges	No.	3	10000	30000
b	Cost of spares (actual + 10%)				
13	Stbd side anchor's chain reported jumping out from gypsy during lowering and hoisting the same has to be rectified with renewal of spare parts as require as per direction of EIC/ Surveyor.				
a	Labour charges	Comp.	1	35000	35000
b	Cost of spares (actual + 10%)				
14	Chain locker manhole covers and studs reported missing the same to be supplied and fitted as required as per direction of EIC/ Surveyor.				


 T.A (H)
 5/3/22



a	Labour charges	Comp.	1	30000	30000
b	Cost of spares (actual + 10%)				
15	Guard rail & stanchions reported damaged and bend the same has to make straight or renewed as required as per direction of Surveyor/EIC.				
a	Labour charges including cost of material per meter.	Mtr.	12	3000	36000
16	Boat davit has to be serviced and made operational with renewal of wire and pulley as require as per direction of EIC/ Surveyor.				
a	Labour charges	No.	1	10000	10000
b	Cost of spares (actual + 10%)				
17	Aquaguard (mess room) reported missing the same to be supplied and fitted as required as per direction of EIC/ Surveyor.				
a	Labour charges	No.	1	10000	10000
b	Cost of spares (actual + 10%)				
18	Pedestral drill reported out of order the same has to be serviced, repaired with renewal of spare parts or renewed as required as per direction of EIC/ Surveyor.				
a	Labour charges	No.	1	3500	3500
b	Cost of spares (actual + 10%)				
19	Pedestral grinder reported out of order the same has to be serviced, repaired with renewal of spare parts or renewed as required as per direction of EIC/ Surveyor.				
a	Labour charges	No.	1	3500	3500
b	Cost of spares (actual + 10%)				
20	Emergency fire pump reported not working the same has to be serviced and repaired with renewal of spare parts as required as per direction of Surveyor/EIC.				
a	Labour charges	No.	1	10000	10000
b	Cost of spares (actual + 10%)				
21	Steering gear system pump reported not working the same has to be serviced and repaired with renewal of spare parts as required as per direction of Surveyor/EIC.				
a	Labour charges	Comp.	1	20000	20000
b	Cost of spares (actual + 10%)				
22	Both cargo hold hand winch band brake reported broken the same has to be renewed as required as per direction of Surveyor/EIC.				
a	Labour charges	Comp.	1	20000	20000
b	Cost of spares (actual + 10%)				


 T.A(H)
 5/3/22



23	Both cargo hold hatch covers all stopper locking bolts reported bend and out of order the same has to be renewed as required as per direction of Surveyor/EIC.				
a	Labour charges	Comp.	1	25000	25000
b	Cost of spares (actual + 10%)				
24	Both cargo hold bilge suction pumps reported not working the same has to be serviced and repaired with renewal of spare parts as require as per direction of Surveyor/EIC.				
a	Labour charges	Comp.	1	20000	20000
b	Cost of spares (actual + 10%)				
25	Both cargo hold deck girder rider(P&S) repoted bent the same has to be repaired as require as per direction of Surveyor/EIC.				
a	Labour charges including cost of material per meter.	Mtr.	10	4000	40000
26	Both cargo hold covers stopper all wooden pad reported perished the same has to renewed with sal wood as require as per direction of Surveyor/EIC.				
a	Labour charges including cost of material.	No.	20	4000	80000
27	All wooden door, bed-drawer, table-drawer have damaged and locks(door,drawer & almirah) are out of order. The same has to be serviced and repaired . As well as polishing of above alongwith bed,table & almirah with renewal of reputed spare parts as required as per direction of EIC/ Surveyor.				
a	Labour charges	Comp.	1	50000	50000
b	Cost of spares (actual + 10%)				
28	Rudder angle indicator in wheel house reported faulty the same has to be repaired as required as per direction of Surveyor/EIC.				
a	Labour charges	No.	1	15000	15000
b	Cost of spares (actual + 10%)				
29	Propeller shaft(P&S) RPM meter in wheel house reported out of order the same has to be renewed with reputed make as require as per direction of Surveyor/EIC.				
	Labour charges	No.	2	5000	10000
	Cost of spares (actual + 10%)				
30	Steering hydraulic pump running indicator in wheel house reported faulty the same has to be repaired as required as per direction of Surveyor/EIC.				
a	Labour charges	No.	1	25000	25000
b	Cost of spares (actual + 10%)				


 T.A(H)
 5/3/22



31	P.A. system in wheel house reported out of order the same to be rectified with renewal of spare parts as required as per direction of Surveyor/EIC.				
a	Labour charges	No.	1	20000	20000
b	Cost of spares (actual + 10%)				
32	All hatch cover's rubber gasket reported perished and cracked. Also hatch cover's hinges pins are missing. The same has to be renewed as required as per direction of Surveyor/EIC.				
a	Labour charges	Comp.	1	30000	30000
b	Cost of spares (actual + 10%)				
33	All ventilation blower mushroom head mesh guard and rubber gasket reported wasted, broken and missing respectively. As well as heads spindle jammed. The same has to renewed, repaired, serviced as required as per direction of EIC/ Surveyor.				
a	Labour charges	Comp.	1	30000	30000
b	Cost of spares (actual + 10%)				
34	All air vent's rubber gasket and wire mesh is reported painted, hardened and perished respectively. As well as funnel casing door rubber gasket reported missing. The same has to renewed as required as per direction of EIC/ Surveyor.				
a	Labour charges	Comp.	1	35000	35000
b	Cost of spares (actual + 10%)				
35	Entire toilet fittings ,valves,door & locker locks, wash basin, shower, taps, commode cover, flushing tank pipe,tank main hole nut & bolt, Washer etc to be checked, repaired/renewed as per direction of EIC/Surveyor.				
a	Labour charges	No.	3	10000	30000
b	Cost of spares (actual + 10%)				
36	Aquaguard(galley) reported out of order the same has to renewed and fitting of booster pump as required as per direction of EIC/ Surveyor.				
a	Labour charges	No.	1	8000	8000
b	Cost of spares (actual + 10%)				
37	Exhaust chimney(galley) reported out of order the same has to be serviced, repaired with renewal of spare parts as required as per direction of EIC/ Surveyor.				
a	Labour charges	No.	1	8000	8000
b	Cost of spares (actual + 10%)				


 T.A.(H)
 5/3/22

38	General alarm bells reported not working the same has to repaired and serviced with renewal of spare parts as require as per direction of EIC.				
a	Labour charges	No.	3	5000	15000
b	Cost of spares (actual + 10%)				
39	Matress are reported perished and wasted the same has to be renewed with reputed make mattress 6'x2.5'x4" as require as per direction of EIC.	No.	12	8000	96000
40	Sun mica paneling of wall(accomadation), wheel house's console panel and table top reported cracked and damaged the same has to be renewed and fixed with reputed make adhesive as required as per direction of EIC.	Sq.m.	80	1712.5	137000
41	Port & Stbd wiper of wheel house reported defective. The same to be renewed with reputed make as required as per direction of EIC.				
a	Labour charges	No.	2	5000	10000
b	Cost of spares (actual + 10%)				
42	Polyvinyl sheet and cements are broken and damage at various location inside the vessel. Same to be renewed with reputed polyvinyl sheet after cementing as require as per direction of Surveyor/EIC.				
a	Labour charges	Sq.m.	105	333	34965
b	Cost of spares (actual + 10%)				
43	Fire extinguisher to be hydraulic tested, refilled and made operational after renewal of accessories and refilling materials as required and as per direction of Surveyor/ EIC.				
a	DCE-5 kg	No.	7	4000	28000
b	Mechanical foam AFFF -9 ltr	No.	4	4000	16000
c	Liquid CO2 - 4.5 Kg.	No.	6	4000	24000
Total					2599965

GST extra.


 T.A(H)
 5/3/22