



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 बं०)

REGIONAL OFFICE : P-78, Garden Reach Road, Kolkata - 700 043 (W.B.)

दूरभाष : 2439 0393 / 5577 / 6055, फ़ैक्स : 2439 5570



SAGARMALA
PORT-LED PROSPERITY

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

IWAI/KOL/150/MN/1/1/2020/1267

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 CSD Sweta-reg.

Ref: E-procurement tender id. 2022_IWAI_673087_1 dated
12.02.2022.

Sir,

Kindly refer to e-tender no. IWAI/KOL/150/MN/1/1/2020/01/ for dry-dock repair of CSD Sweta, we are pleased to place a work order to M/s Ghosh Enterprise at a total cost of Rs. 36,65,000/- (Rupees Thirty six lakh sixty five thousand only) wherein Labour charges Rs. 26,65,000.00 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 36,65,000/- 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. 1,83,250/- (Rupees One lakh eighty three thousand two hundred and fifty 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.

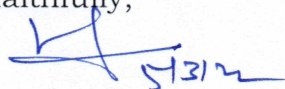
A list of the additional work which is considered necessary as per recommendation of the EIC and or those which are directed during the course of repairs for satisfactory completion of repairs and subsequent commissioning of vessel should be prepared jointly by EIC and contractor. Thereafter, contractor 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)
DIRECTOR

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

BOQ for Dry-dock repair of CSD Sweta 2022

L - 33.5 M, B - 9.5 M, D - 2.3 M, REG No. - WBI - 5083 , Gross Tonnage - 194 T.

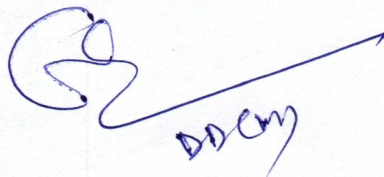
Sl.No.	Description of work	Qty.	Unit	Rate	Amount
1	Beaching , blocking, unblocking including dock hire / mooring charges for repair of vessel as required .	1	comp.	100000	100000
2	Ultrasonic testing to be done of hull, deck plate & LWL ship side plate, etc for checking of thickness as per direction of IWT Surveyor / EIC.	500	Spot	150	75000
3	Cropping & renewal of under water & deck plate etc as required after ultrasonic testing & its report as per direction of IWT Surveyor/ EIC.	1	Ton	110000	110000
4	Sea chest, Mud Box, Stainer to be checked (total 5 no.s), repaired along with materials, cleaned and painted as required as per direction of IWT Surveyor/ EIC.	1	Comp.	50000	50000
5	All Sea water valves (10 no.s) to be pressure tested and serviced / renewed as per direction of EIC / surveyor.	1	No.	50000	50000
6	All Fresh water valves, HSD valves, LO valves, Hydraulic valves, fire line valves to be serviced / renewed as per direction of EIC / surveyor.	40	No.	2000	80000
7	Under water hull plate & side plate to be scrapped, chipped, wire brushed & cleaned from keel to LWL to remove fouling and paints and then Painting of hull plate & side plate to be done by 3 coat as per painting scheme from keel to water level as per direction of IWT Surveyor/ EIC.	400	sqm	200	80000
8	For painting of above water level, ship side, deck, toilet, anchor chain compartments, engine rooms, store rooms, all compartments of the vessel to be scrapped, chipped, wire brushed and Painting of above water level surface , ship side, deck, toilet, anchor chain compartments, engine rooms, store rooms, all compartments of the vessel to be done by two coats of exisiting colour marine paint after application of one coat of zinc chromate primer.	1000	sqm	200	200000
9	Servicing of generator engine engine model no. 4R1040T, make - Kirlosker , Capacity: 82 HP, Speed :1500 RPM 50 KVA, is to be done including renewal of spares as per OEM maintenance manual based on running hours. The unit to be shown operational including safety cut outs and remote operation as required as per direction of EIC/ Surveyor.	1	No.	95000	95000
10	Dredge pump and dredging discharge pipe thickness to be checked by ultrasonic testing and/or any suitable method and report to be submitted as per direction of IWT Surveyor/ EIC.	1	No.	100000	100000
11	For Sl.no.10 above if required the pipe to be changed as per recommendation of IWT Surveyor based on report.	0.8	ton	187500	150000
12	For Sl.no.10 necessary repairs of dredge pump/ casing/ impeller is to be done with plastic carbide or other means as required as per direction of EIC/ Surveyor.				
a	Labour charges	1	Comp.	80000	80000
b	Cost of spares (actual + 10%)				
13	Dredger pump to be opened and fitted after renewal of its seals etc, as required as per direction of IWT Surveyor/ EIC.	1	comp.	80000	80000
14	Both side anchor winch swing balance pulley to be renewed. (capacity - 1 tons) along with renewal of pin, sleeve, bush as per direction of EIC/ Surveyor.	2	job	30000	60000
15	Cutter ladder pulley to be renewed. (capacity - 1 tons) along with renewal of pin, sleeve, bush as per direction of EIC/ Surveyor.	2	job	30000	60000


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16	All electrical panel of wheel house, engine room, deck, emergency light (DC) 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	1	Comp.	80000	80000
b	Cost of spares (actual + 10%)				
17	To check and service/ repair of computer , GPS power, VHF, SCM talk back system, air horn, battery charger, both side CT board, etc with renewal of spares as required as per direction of EIC/ Surveyor.				
a	Labour charges	1	Comp.	30000	30000
b	Cost of spares (actual + 10%)				
18	Dredge pump grease pump to be serviced along with renewal of spares, accessories as required as per direction of EIC/ Surveyor.	1	Comp.	230000	230000
19	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	1	Comp.	20000	20000
b	Cost of spares (actual + 10%)				
20	Air bottle(capacity - 13 cu.mtr., max. wrk. Pr. -10 kg/cm2) to be tested in the presence of IWT Surveyor and EIC and leakage if any, to be arrested as required with renewal of spares and accessories as per direction of Surveyor/ EIC.	3	No.	10000	30000
21	Carriage distance and alignment to be calibrated with wheel house (distance sensor to be renewed and 1 no. spare to be provided). All spud pins to be renewed with SS pins (6no.s to be provided including 2 spares).				
a	Labour charges	1	Comp.	100000	100000
b	Cost of spares (actual + 10%)				
22	Clutch cylinder/ clamp cylinder hydraulic oil leakage to be arrested and rectified along with renewal of spares as required as per direction of EIC/ surveyor.	1	Comp.	50000	50000
23	Guard rails of 30 m length with Galvanised pipe (approx.dia 2")and MS steel flat bar equally spaced all around the dredger to be repaired and renewed as per direction of EIC/ Surveyor.	30	mtr	3000	90000
24	Tyre fender of truck and its adequate chain to be provided on both side of the dredger as per direction of EIC/ Surveyor.	10	No.	1500	15000
25	Speed boat fibre body, seats, fenders, etc to be repaired with FRP materials and make opertional as required as per direction of EIC/ Surveyor.	1	Comp.	15000	15000
26	Deck crane of capacity 3 ton to be serviced and made operational along with renewal of spares as required as per direction of EIC/ surveyor.	1	comp.	10000	10000
27	Dredge pump gear box filters (2 no.s) and Hydraulic oil tank filter (1 no) to be renewed.	1	Comp.	10000	10000
28	Sand bucket stand, fire hose box, to be repaired/ renewed with necessary existing materials as required as per direction of EIC/ Surveyor.	1	Comp.	30000	30000
29	Wiper of wheel house to be renewed as existing one as per direction of EIC/ Surveyor.	4	No.	5000	20000
30	Quick closing v/v to be serviced and made operational as per requirement of EIC/ Surveyor.	1	Comp.	10000	10000
31	Water is leaking from window & doors & hatch covers. Same to be repaired and made watertight with renewal of good quality rubber gasket and its adhesive as required as per direction of EIC/ Surveyor.	1	Comp.	30000	30000
32	Hydrophore and its pump to be tested and serviced with renewal of spare parts as required. Also to renew the cut off switches and pressure gauges as per direction of EIC/ Surveyor.	1	Comp.	30000	30000

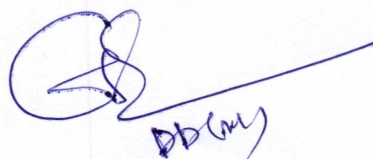

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				30000	
33	Hydraulic oil tank to be cleaned after taking out of Hydraulic oil as required as per direction of Surveyor/ EIC. The existing Hydraulic oil to be tested from authorised or reputed test lab and submit the report to EIC/ Surveyor for further decision.	1	Comp.		30000
34	All hydraulic lines to be checked and leakage to be arrested with renewal of its gaskets, seals, o-rings, 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	1	Comp.	30000	30000
b	Cost of spares (actual + 10%)				
35	All blowers to be serviced including repair & renewal of spares as required as per direction of EIC/ Surveyor.	1	comp.	40000	40000
36	Sewage pump (ALWEILLER PUMPS., Type: Self Priming, Model: AEB1E200- IE, Capacity: 7cu.m/hr@3bar) to be serviced with renewal of spare parts as required.	1	Comp.	20000	20000
37	Sewage tank to be cleaned properly as per direction of EIC/ Surveyor.	1	Comp.	15000	15000
38	HSD tank to be cleaned properly as per direction of EIC/ Surveyor. (Capacity - 15000 litre - 2no. & 25000 litre - 2 no.)	4	No.	9000	36000
39	Fresh water tank (Capacity - 15000 litre) to be cleaned properly as per direction of EIC/ Surveyor.	2	No.	12500	25000
40	Discharge pipeline S Bend point (Elbow joint) to be dismantled and repaired and made free movement as required as per direction of EIC/ Surveyor.	1	Comp.	30000	30000
41	Main engine , Auxilliary engine and Hydraulic cooler to be cleaned and spares and accessories to be renewed as required as per direction of EIC/Surveyor.	1	Comp.	40000	40000
42	Main spud and Auxilliary spud clamp cylinder housing to be aligned for free movement as required as per direction of EIC/ Surveyor.	1	Comp.	30000	30000
43	Servicing of main engine model no. KTA38M2, make - Cummins , Capacity: 1200 HP, is to be done including renewal of spares as per OEM maintenance manual based on running hours. The unit to be shown operational including safety cut outs and remote operation as required as per direction of EIC/ Surveyor.				
a	Labour charges	1	no.	40000	40000
b	Cost of spares (actual + 10%)				
44	Servicing of auxilliary engine model no. KTA19DM1, make - Cummins , Capacity: 550 HP, is to be done including renewal of spares as per OEM maintenance manual based on running hours. The unit to be shown operational including safety cut outs and remote operation as required as per direction of EIC/ Surveyor.				
a	Labour charges	1	no.	20000	20000
b	Cost of spares (actual + 10%)				
45	The door of bathroom of dredger is broken. Same to be renewed as per direction of EIC/ Surveyor.	1	no.	20000	20000
46	Cleaning and painting of bilges with one coat primer and 2 coats of marine quality paints as per direction of EIC/Surveyor.	1	comp.	75000	75000
47	Fire extinguisher to be hydraulic tested, refilled and made operational after renewal of accessories as per direction of Surveyor/ EIC.				
a	DCP-5 kg	2	No.	4000	8000
b	DCP- 10 kg	2	No.	4000	8000
c	Mechanical foam AFFF -9 ltr	6	No.	4000	24000
d	Liquid CO2 - 4.5 Kg.	1	No.	4000	4000
	Sub-total				2665000
	Total				2665000

GST extra.


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


 P.D. (M)