

eProcurement System Government of India Created By: Lakshmi Kant Rajak Created Date/Time: 26-Feb-2022 05:11 PM Tender Title: DRYDOCK REPAIR OF CSD SWETA FOR THE YEAR 2021-22 Tender ID: 2022_IWAI_673087_1			
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Tender Inviting Authority: DIRECTOR IWAI, KOLKATA

Name of Work: Dry-dock repair of CSD Sweta 2021

Contract No: IWAI/KOL/MM/NC/30/21-22/CSD SWETA/03

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate	GHOSH ENTERPRISE(GSTN-19ADOPG8500A1ZT)		GRSE LTD.(GSTN-NA)	
					Rate	Amount	Rate	Amount
1.00	Beaching , blocking, unblocking including dock hire / mooring charges for repair of vessel as required .	1.00	Comp.		100000.00	100000.00	900000.00	900000.00
2.00	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.	500.00	Spot		150.00	75000.00	107.50	53750.00
3.00	Cropping & renewal of under water & deck plate etc as required after ultrasonic testing & its report as per direction of IWT Surveyor/ EIC.	1.00	Ton		110000.00	110000.00	295625.00	295625.00
4.00	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.	1.00	Comp.		50000.00	50000.00	86000.00	86000.00
5.00	All Sea water valves (10 no.s) to be pressure tested and serviced / renewed as per direction of EIC / surveyor.	1.00	No.		50000.00	50000.00	86000.00	86000.00
6.00	All Fresh water valves, HSD valves, LO valves, Hydraulic valves, fire line valves to be serviced / renewed as per direction of EIC / surveyor.	40.00	No.		2000.00	80000.00	2203.75	88150.00
7.00	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.	400.00	Sq.m.		200.00	80000.00	1827.50	731000.00
8.00	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 existing colour marine paint after application of one coat of zinc chromate primer.	1000.00	Sq.m.		200.00	200000.00	1075.00	1075000.00
9.00	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.	1.00	No.		95000.00	95000.00	365500.00	365500.00
10.00	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.	1.00	No.		100000.00	100000.00	21500.00	21500.00
11.00	For Sl.no.10 above if required the pipe to be changed as per recommendation of IWT Surveyor based on report.	.80	Ton		187500.00	150000.00	268750.00	215000.00
12.00	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.							
12.10	Labour charges	1.00	Comp.		80000.00	80000.00	48375.00	48375.00
12.20	Cost of spares (actual + 10%)							
13.00	Dredger pump to be opened and fitted after renewal of its seals etc, as required as per direction of IWT Surveyor/ EIC.	1.00	Comp.		80000.00	80000.00	80625.00	80625.00
14.00	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.	2.00	Job		30000.00	60000.00	43000.00	86000.00
15.00	Cutter ladder pulley to be renewed. (capacity - 1 tons) along with renewal of pin, sleeve, bush as per direction of EIC/ Surveyor.	2.00	Job		30000.00	60000.00	43000.00	86000.00
16.00	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.							
16.10	Labour charges	1.00	Comp.		80000.00	80000.00	241875.00	241875.00
16.20	Cost of spares (actual + 10%)							
17.00	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.							
17.10	Labour charges	1.00	Comp.		30000.00	30000.00	80625.00	80625.00

L1 Amount	L1 Vendor
100000.00	GHOSH ENTERPRIS E
53750.00	GRSE LTD.
110000.00	GHOSH ENTERPRIS E
50000.00	GHOSH ENTERPRIS E
50000.00	GHOSH ENTERPRIS E
80000.00	GHOSH ENTERPRIS E
80000.00	GHOSH ENTERPRIS E
200000.00	GHOSH ENTERPRIS E
95000.00	GHOSH ENTERPRIS E
21500.00	GRSE LTD.
150000.00	GHOSH ENTERPRIS E

48375.00	GRSE LTD.
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80000.00	GHOSH ENTERPRIS E
60000.00	GHOSH ENTERPRIS E
60000.00	GHOSH ENTERPRIS E

80000.00	GHOSH ENTERPRIS E
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30000.00	GHOSH ENTERPRIS E
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17.20	Cost of spares (actual + 10%)		
18.00	Dredge pump grease pump to be serviced along with renewal of spares, accessories as required as per direction of EIC/ Surveyor.	1.00	Comp.
19.00	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.		
19.10	Labour charges	1.00	Comp.
19.20	Cost of spares (actual + 10%)		
20.00	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.	3.00	No.
21.00	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).		
21.10	Labour charges	1.00	Comp.
21.20	Cost of spares (actual + 10%)		
22.00	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.	1.00	Comp.
23.00	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.	30.00	Mtr.
24.00	Tyre fender of truck and its adequate chain to be provided on both side of the dredger as per direction of EIC/ Surveyor.	10.00	No.
25.00	Speed boat fibre body, seats, fenders, etc to be repaired with FRP materials and make operational as required as per direction of EIC/ Surveyor.	1.00	Comp.
26.00	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.	1.00	Comp.
27.00	Dredge pump gear box filters (2 no.s) and Hydraulic oil tank filter (1 no) to be renewed.	1.00	Comp.
28.00	Sand bucket stand, fire hose box, to be repaired/ renewed with necessary existing materials as required as per direction of EIC/ Surveyor.	1.00	Comp.
29.00	Wiper of wheel house to be renewed as existing one as per direction of EIC/ Surveyor.	4.00	No.
30.00	Quick closing v/v to be serviced and made operational as per requirement of EIC/ Surveyor.	1.00	Comp.
31.00	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.	1.00	Comp.
32.00	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.	1.00	Comp.
33.00	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.	1.00	Comp.
34.00	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.		
34.10	Labour charges	1.00	Comp.
34.20	Cost of spares (actual + 10%)		
35.00	All blowers to be serviced including repair & renewal of spares as required as per direction of EIC/ Surveyor.	1.00	Comp.
36.00	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.	1.00	Comp.
37.00	Sewage tank to be cleaned properly as per direction of EIC/ Surveyor.	1.00	Comp.
38.00	HSD tank to be cleaned properly as per direction of EIC/ Surveyor. (Capacity - 15000 litre -2no. & 25000 litre - 2 no.)	4.00	No.
39.00	Fresh water tank (Capacity - 15000 litre) to be cleaned properly as per direction of EIC/ Surveyor.	2.00	No.
40.00	Discharge pipeline S Bend point (Elbow joint) to be dismantled and repaired and made free movement as required as per direction of EIC/ Surveyor.	1.00	Comp.
41.00	Main engine , Auxiliary engine and Hydraulic cooler to be cleaned and spares and accessories to be renewed as required as per direction of EIC/Surveyor.	1.00	Comp.

230000.00	230000.00	26875.00	26875.00
20000.00	20000.00	16125.00	16125.00
10000.00	30000.00	26875.00	80625.00
100000.00	100000.00	37625.00	37625.00
50000.00	50000.00	75250.00	75250.00
3000.00	90000.00	913.75	27412.50
1500.00	15000.00	10212.50	102125.00
15000.00	15000.00	48375.00	48375.00
10000.00	10000.00	268750.00	268750.00
10000.00	10000.00	16125.00	16125.00
30000.00	30000.00	32250.00	32250.00
5000.00	20000.00	23650.00	94600.00
10000.00	10000.00	12900.00	12900.00
30000.00	30000.00	64500.00	64500.00
30000.00	30000.00	48375.00	48375.00
30000.00	30000.00	19350.00	19350.00
30000.00	30000.00	26875.00	26875.00
40000.00	40000.00	215000.00	215000.00
20000.00	20000.00	64500.00	64500.00
15000.00	15000.00	21500.00	21500.00
9000.00	36000.00	21500.00	86000.00
12500.00	25000.00	19350.00	38700.00
30000.00	30000.00	37625.00	37625.00
40000.00	40000.00	96750.00	96750.00

26875.00	GRSE LTD.
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16125.00	GRSE LTD.
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30000.00	GHOSH ENTERPRIS E
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37625.00	GRSE LTD.
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50000.00	GHOSH ENTERPRIS E
27412.50	GRSE LTD.

15000.00	GHOSH ENTERPRIS E
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15000.00	GHOSH ENTERPRIS E
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10000.00	GHOSH ENTERPRIS E
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10000.00	GHOSH ENTERPRIS E
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30000.00	GHOSH ENTERPRIS E
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20000.00	GHOSH ENTERPRIS E
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10000.00	GHOSH ENTERPRIS E
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30000.00	GHOSH ENTERPRIS E
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30000.00	GHOSH ENTERPRIS E
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19350.00	GRSE LTD.
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26875.00	GRSE LTD.
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40000.00	GHOSH ENTERPRIS E
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20000.00	GHOSH ENTERPRIS E
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15000.00	GHOSH ENTERPRIS E
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36000.00	GHOSH ENTERPRIS E
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25000.00	GHOSH ENTERPRIS E
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30000.00	GHOSH ENTERPRIS E
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40000.00	GHOSH ENTERPRIS E
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42.00	Main spud and Auxiliary spud clamp cylinder housing to be aligned for free movement as required as per direction of EIC/ Surveyor.	1.00	Comp.
43.00	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.		
43.10	Labour charges	1.00	No.
43.20	Cost of spares (actual + 10%)		
44.00	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.		
44.10	Labour charges	1.00	No.
44.20	Cost of spares (actual + 10%)		
45.00	The door of bathroom of dredger is broken. Same to be renewed as per direction of EIC/ Surveyor.	1.00	No.
46.00	Cleaning and painting of bilges with one coat primer and 2 coats of marine quality paints as per direction of EIC/Surveyor.	1.00	Comp.
47.00	Fire extinguisher to be hydraulic tested, refilled and made operational after renewal of accessories as per direction of Surveyor/ EIC.		
47.10	DCP-5 kg	2.00	No.
47.20	DCP- 10 kg	2.00	No.
47.30	Mechanical foam AFFF -9 ltr	6.00	No.
47.40	Liquid CO2 - 4.5 Kg.	1.00	No.

30000.00	30000.00	25800.00	25800.00
40000.00	40000.00	591250.00	591250.00
20000.00	20000.00	403125.00	403125.00
20000.00	20000.00	16125.00	16125.00
75000.00	75000.00	129000.00	129000.00
4000.00	8000.00	5912.50	11825.00
4000.00	8000.00	10588.75	21177.50
4000.00	24000.00	6987.50	41925.00
4000.00	4000.00	6450.00	6450.00

25800.00	GRSE LTD.
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40000.00	GHOSH ENTERPRISE
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20000.00	GHOSH ENTERPRISE
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16125.00	GRSE LTD.
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75000.00	GHOSH ENTERPRISE
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8000.00	GHOSH ENTERPRISE
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8000.00	GHOSH ENTERPRISE
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24000.00	GHOSH ENTERPRISE
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4000.00	GHOSH ENTERPRISE
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Total in Figures

2665000.00

7345915.00

Lowest Amount Quoted BY: GHOSH ENTERPRISE(2665000.00)