

eProcurement System Government of India Created By: Lakshmi Kant Rajak Created Date/Time: 26-Feb-2022 05:31 PM Tender Title: DRYDOCK REPAIR OF MV HOMI BHABHA FOR THE YEAR 2021-22 Tender ID: 2022_IWAI_673084_1
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Tender Inviting Authority: DIRECTOR IWAI, KOLKATA
Name of Work: Dry Dock repair of MV Homi Bhabha during the year 2021-22
Contract No: IWAI/KOL/MM/NC/30/21-22/ MV Homi Bhabha /01

SCHEDULE OF WORK / ITEM(S)						GHOSH ENTERPRISE(GSTN-19ADOPG8500A1ZT)		GRSE LTD.(GSTN-NA)	
Sl.No	Description of Work / Item(s)	No.of Qty	Units	Estimated Rate		Rate	Amount	Rate	Amount
1.00	Beaching , blocking, unblocking including dock hire / mooring charges for repair of vessel as required as per direction of EIC/ surveyor.	1.00	Comp.			200000.00	200000.00	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 has been mentioned in IRS report for underwater and hull condition, as per direction of IWT Surveyor / EIC.	400.00	Spot			150.00	60000.00	107.50	43000.00
3.00	Cropping & renewal of under water, deck plate & super structure etc as required after ultrasonic testing & its report as per direction of IWT Surveyor/ EIC.	2.00	ton			110000.00	220000.00	295625.00	591250.00
4.00	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.	1200.00	Sq.m.			250.00	300000.00	1379.58	1655499.60
5.00	Opening and fitting of propeller after repairing with same composition of material, fairing, balancing and bedding as required as per direction of EIC/Surveyor.	2.00	Comp.			75000.00	150000.00	193500.00	387000.00
6.00	Opening and fitting of propeller shaft and bushes after re-metalling, repairing, straightening, machining, bedding etc. as required as per direction of EIC/Surveyor.	2.00	Comp.			175000.00	350000.00	155875.00	311750.00
7.00	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.								
7.10	Labour charges	2.00	No.			30000.00	60000.00	188125.00	376250.00
7.20	Cost of spares (actual + 10%)								
8.00	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.								
8.10	Labour charges	2.00	No.			20000.00	40000.00	80625.00	161250.00
8.20	Cost of spares (actual + 10%)								
9.00	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.								
9.10	Labour charges	1.00	Comp.			30000.00	30000.00	37625.00	37625.00
9.20	Cost of spares (actual + 10%)								
10.00	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.								
10.10	Labour charges	1.00	Comp.			15000.00	15000.00	16125.00	16125.00
10.20	Cost of spares (actual + 10%)								
11.00	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.								
11.10	Labour charges	1.00	Comp.			180000.00	180000.00	161250.00	161250.00
11.20	Cost of spares (actual + 10%)								
12.00	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.								
12.10	Labour charges	3.00	No.			10000.00	30000.00	9137.50	27412.50
12.20	Cost of spares (actual + 10%)								

L1 Amount	L1 Vendor
200000.00	GHOSH ENTERPRIS E
43000.00	GRSE LTD.
220000.00	GHOSH ENTERPRIS E
300000.00	GHOSH ENTERPRIS E
150000.00	GHOSH ENTERPRIS E
311750.00	GRSE LTD.

60000.00	GHOSH ENTERPRIS E
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40000.00	GHOSH ENTERPRIS E
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30000.00	GHOSH ENTERPRIS E
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15000.00	GHOSH ENTERPRIS E
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161250.00	GRSE LTD.
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27412.50	GRSE LTD.
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13.00	Sbd 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.		
13.10	Labour charges	1.00	Comp.
13.20	Cost of spares (actual + 10%)		
14.00	Chain locker manhole covers and studs reported missing the same to be supplied and fitted as required as per direction of EIC/ Surveyor.		
14.10	Labour charges	1.00	Comp.
14.20	Cost of spares (actual + 10%)		
15.00	Guard rail & stanchions reported damaged and bend the same has to make straight or renewed as required as per direction of Surveyor/EIC.		
15.10	Labour charges including cost of material per meter	12.00	mtr.
16.00	Boat davit has to be serviced and made operational with renewal of wire and pulley as require as per direction of EIC/ Surveyor.		
16.10	Labour charges	1.00	No.
16.20	Cost of spares (actual + 10%)		
17.00	Aquaguard (mess room) reported missing the same to be supplied and fitted as required as per direction of EIC/ Surveyor.		
17.10	Labour charges	1.00	No.
17.20	Cost of spares (actual + 10%)		
18.00	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.		
18.10	Labour charges	1.00	No.
18.20	Cost of spares (actual + 10%)		
19.00	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.		
19.10	Labour charges	1.00	No.
19.20	Cost of spares (actual + 10%)		
20.00	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.		
20.10	Labour charges	1.00	No.
20.20	Cost of spares (actual + 10%)		
21.00	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.		
21.10	Labour charges	1.00	Comp.
21.20	Cost of spares (actual + 10%)		
22.00	Both cargo hold hand winch band brake reported broken the same has to be renewed as required as per direction of Surveyor/EIC.		
22.10	Labour charges	1.00	Comp.
22.20	Cost of spares (actual + 10%)		
23.00	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.		
23.10	Labour charges	1.00	Comp.
23.20	Cost of spares (actual + 10%)		
24.00	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.		
24.10	Labour charges	1.00	Comp.
24.20	Cost of spares (actual + 10%)		
25.00	Both cargo hold deck girder rider(P&S) repoted bent the same has to be repaired as require as per direction of Surveyor/EIC.		
25.10	Labour charges including cost of material per meter.	10.00	mtr.
26.00	Both cargo hold covers stopper all wooden pad reported perished the same has to be renewed with sal wood as require as per direction of Surveyor/EIC.		
26.10	Labour charges including cost of material.	20.00	No.

35000.00	35000.00	21500.00	21500.00
30000.00	30000.00	12900.00	12900.00
3000.00	36000.00	1881.25	22575.00
10000.00	10000.00	80625.00	80625.00
10000.00	10000.00	9137.50	9137.50
3500.00	3500.00	10750.00	10750.00
3500.00	3500.00	9675.00	9675.00
10000.00	10000.00	48375.00	48375.00
20000.00	20000.00	48375.00	48375.00
20000.00	20000.00	19350.00	19350.00
25000.00	25000.00	37625.00	37625.00
20000.00	20000.00	64500.00	64500.00
4000.00	40000.00	9137.50	91375.00
4000.00	80000.00	4837.50	96750.00

21500.00 GRSE LTD.

12900.00 GRSE LTD.

22575.00 GRSE LTD.

10000.00 GHOSH ENTERPRIS E

9137.50 GRSE LTD.

3500.00 GHOSH ENTERPRIS E

3500.00 GHOSH ENTERPRIS E

10000.00 GHOSH ENTERPRIS E

20000.00 GHOSH ENTERPRIS E

19350.00 GRSE LTD.

25000.00 GHOSH ENTERPRIS E

20000.00 GHOSH ENTERPRIS E

40000.00 GHOSH ENTERPRIS E

80000.00 GHOSH ENTERPRIS E

27.00	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.		
27.10	Labour charges	1.00	Comp.
27.20	Cost of spares (actual + 10%)		
28.00	Rudder angle indicator in wheel house reported faulty the same has to be repaired as required as per direction of Surveyor/EIC.		
28.10	Labour charges	1.00	No.
28.20	Cost of spares (actual + 10%)		
29.00	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.		
29.10	Labour charges	2.00	No.
29.20	Cost of spares (actual + 10%)		
30.00	Steering hydraulic pump running indicator in wheel house reported faulty the same has to be repaired as required as per direction of Surveyor/EIC.		
30.10	Labour charges	1.00	No.
30.20	Cost of spares (actual + 10%)		
31.00	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.		
31.10	Labour charges	1.00	No.
31.20	Cost of spares (actual + 10%)		
32.00	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.		
32.10	Labour charges	1.00	Comp.
32.20	Cost of spares (actual + 10%)		
33.00	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.		
33.10	Labour charges	1.00	Comp.
33.20	Cost of spares (actual + 10%)		
34.00	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.		
34.10	Labour charges	1.00	Comp.
34.20	Cost of spares (actual + 10%)		
35.00	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.		
35.10	Labour charges	3.00	No.
35.20	Cost of spares (actual + 10%)		
36.00	Aquaguard(galley) reported out of order the same has to renewed and fitting of booster pump as required as per direction of EIC/ Surveyor.		
36.10	Labour charges	1.00	No.
36.20	Cost of spares (actual + 10%)		
37.00	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.		
37.10	Labour charges	1.00	No.
37.20	Cost of spares (actual + 10%)		
38.00	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.		

50000.00	50000.00	161250.00	161250.00
15000.00	15000.00	26875.00	26875.00
5000.00	10000.00	6987.50	13975.00
25000.00	25000.00	37625.00	37625.00
20000.00	20000.00	48375.00	48375.00
30000.00	30000.00	69875.00	69875.00
30000.00	30000.00	188125.00	188125.00
35000.00	35000.00	96750.00	96750.00
10000.00	30000.00	21500.00	64500.00
8000.00	8000.00	8600.00	8600.00
8000.00	8000.00	12362.90	12362.90

50000.00	GHOSH ENTERPRIS E
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15000.00	GHOSH ENTERPRIS E
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35000.00	GHOSH ENTERPRIS E
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30000.00	GHOSH ENTERPRIS E
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8000.00	GHOSH ENTERPRIS E
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8000.00	GHOSH ENTERPRIS E
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38.10	Labour charges	3.00	No.
38.20	Cost of spares (actual + 10%)		
39.00	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.	12.00	No.
40.00	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.	80.00	Sq.m.
41.00	Port & Stbd wiper of wheel house reported defective. The same to be renewed with reputed make as required as per direction of EIC.		
41.10	Labour charges	2.00	No.
41.20	Cost of spares (actual + 10%)		
42.00	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.		
42.10	Labour charges	105.00	Sq.m.
42.20	Cost of spares (actual + 10%)		
43.00	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.		
43.10	DCP-5 kg	7.00	No.
43.20	Mechanical foam AFFF -9 ltr	4.00	No.
43.30	Liquid CO2 - 4.5 Kg.	6.00	No.

5000.00	15000.00	6987.50	20962.50
8000.00	96000.00	8600.00	103200.00
1712.50	137000.00	2257.50	180600.00
5000.00	10000.00	6987.50	13975.00
333.00	34965.00	967.50	101587.50
4000.00	28000.00	5912.50	41387.50
4000.00	16000.00	6987.50	27950.00
4000.00	24000.00	6450.00	38700.00

15000.00	GHOSH ENTERPRIS E
96000.00	GHOSH ENTERPRIS E
137000.00	GHOSH ENTERPRIS E
10000.00	GHOSH ENTERPRIS E
34965.00	GHOSH ENTERPRIS E
28000.00	GHOSH ENTERPRIS E
16000.00	GHOSH ENTERPRIS E
24000.00	GHOSH ENTERPRIS E

Total in Figures

2599965.00

6498600.00

Lowest Amount Quoted BY: GHOSH ENTERPRISE(2599965.00)