

LIST-A

List of anticipated requirements of various Products and Services for(EAST YARD)			
Sr.No.	Brief Discription of Material/Services	EstimatedQty.Reqd.	Tentative Period when material/ Service is Reqd.
1	3year maintenance contract of Hardware,Software and networking equipments for Back up solution,TIDDS and DNS/file server	3 Year Maintenance	Sept 2015
2	BMC of UPS and Batteries	2 Year maintenance	Feb-16
3	Triennial Rate contract for Physical and chemical testing ofmaterials and preparation of Test specimens .	Total for different type of test 5000 nos	Aug-15
4	Triennial Rate contract for Gamma radiography (15000 nos),X-Ray(25000 nos),Ultrasonic Testing (1500mtrs), Ultrasonic Thickness Gauging(10000 nos), Magnetic particle testing(15000 mtrs) and Dye penetrant testing (10000 metres),work on Unit Rate basis for submarine division AS PER APPROVED NDT PROCEDURE. 1 Gamma radiography 2 X-RAY for piping 3 Ultrasonic testing 4 Ultra sonoc thickness gauging 5 Magnetic particle testing 6 DYE Penetrant Testing	Quantity indicated against each item in column no -2	Jun-15
5	TRCs for hiring services of inspection agencies for carrying out Inspection of fabrication. Piping,welding,NDT ,painting,Insulation etc. works carried out by MDLs'/ contractor's premises for submarine division(EAST YARD)	6000 mandays	Sep-15
6	Scanning od documents	240000 pages	Apr-16
7	Photocopyng	10000/month	2015

8	<p>NDT Instruments</p> <ol style="list-style-type: none"> 1 welders gauge (20 Nos.) 2 digilit fillet gauge)(20Nos.) 3 digital depth gauge (5 Nos.) 4 radiographic viewers(2Nos.) 5 temperature gauges(contact & non contact type)(20Nos.) 6 Ultrasonic thickness gauge (for pipes as small as 8 mm OD and 1 mm thickness) (2Nos.) 7 Transmission Densitometer with own light source for measuring optical density 2 to 4(2Nos.) 	Quantity indicated against each item in column no -2	2016
9	<p>Mechanical Instruments</p> <ol style="list-style-type: none"> 1 Endoscope(2 Nos.) 2 Digital clinometer (4Nos.) 3 Vernier caliper(6 Nos.) 4 Digital Transmeter(3 Nos.) 5 Rectangular guage block set,grade'0'(2 Nos.) 6 Digital micrometer 0-25mm,Least count 0.001mm(5 Nos.) 7 Digital micrometer 25-50 mm. Least count 0.001mm(5 Nos.) 8 Digital Universal Protractors(4 Nos.) 	Quantity indicated against each item in column no -2	2015
10	<p>Painting Instruments</p> <ol style="list-style-type: none"> 1 Dew point meter (6Nos.) 2 DFT Meter(5Nos.) 3 Probe for DFT Meter(4 Nos.) 4 ISO grit roughness comparator(4Nos.) 5 Hygrometer (3 Nos.) 6 Hexagonal wet film comb(3 Nos.) 7 Kit for scratch testing after painting(3 Nos.) 8 Painting instruments manufactured by Elcometer(3 Nos.) 	Quantity indicated against each item in column no -2	2015

11	Electrical Instruments 1 Digital Multimeter (4 Nos.) 2 Clamp Meter (5Nos.) 3 Megohmmeter(5 Nos.) 4 Continuity Tester (4Nos.) 5 Walkie Talkie(3 Nos.) 6 Lux Meter (5 Nos.) 7 Gauss meter	Quantity indicated against each item in column no -2	2015
12	Annual Maintenance Contract of Static Frequency Convertors installedat SIF & locatedat workshop C	5 non	2014-15
13	Annual Maintenance Contract of Compact Heat Treatment unit	26 nos	2014-15
14	Annual Maintenance contract of Thermocouple Attachment unit	25 nos	2014-15
15	Lifting arrangement for about 750 Kg at shore integrated facility on terrace of EY -New store building(Pillar mounted cantilever type small radial crane is to be fabricated and erected at site	1 no	Dec-14
16	Annual Maintenance contract for Battery operated Truck(Jumbo)	1 no	2014-15
17	HOUSE KEEPING FOR EY, ALCOCK YARD,MODULE SHOP AND CAS	As per scope of work of the current PO NO 3130000196-1AU (24 Months)	w.e.f. 25.03.2015 for 3 years
18	OPERATION AND MAINTENANCE OF WATER COOLED PORTABLE A/C PLANTS		With immediate effect
19	MAINTENACE OF SPLIT A/C PLANTS	As per scope of work of the current PO NO 3110006624-1AU(80)	w.e.f 20.03.2016 for 3 years
20	COOL AIR SUPPLY TO BOAT 1,2,3	As per scope of work of the current PO NO 3110006624	With immediate effect
21	PEST CONTROL	As per scope of work of po no 31100006584-1AU (404 nos) of work of the current PO	w.e.f. 20.02.2016 for 3 years.

22	TESTING OF MOBILE CRANES,EOT CRANES AND FORKLIFTS	As per scope of work of po no 31100005854 iAU(183 nos)	w.e.f. 21.03.2016 for 3 years.
23	AIR RECEIVERS AS PER FACTORY ACT	Air receivers -8 Nos. Air Bottles - 2 Nos.	w.e.f. 02.02.2016 for 3 years.
24	MAINTENANCE OF WELDING STATIONS	3 Nos.	w.e.f. 05.12.2015 for 3 years
25	CNC PIPE BENDING MACHINES IN PIPE SHOP	1 Nos.	w.e.f. 01.05.2014 for 3 years.
26	ROOF EXTRACTORS AND FAS FANS	Roof Fans : 120 Nos. FAS Fans: 21 Nos.	With immediate effect
27	OVERHEAD LIGHT FITTING	As per scope of work	With immediate effect
28	MAINT OF WELDING MACHINES - MAKE TORNADO 401/H	60 nos.	w.e.f. 18.06.2014 for 3 years.
29	MAINT OF WELDING MACHINES - MAKE TORNADO 401/H	30 nos.	w.e.f. 02.09.2015 for 3 years.
30	MAINT OF WELDING & GAUGING MACHINES- SURARC MAKE	Welding - 20 Nos. Gouging - 6 Nos.	w.e.f. 08.01.2015 for 3 years.
31	MAINT OF MIG WELDING MACHINES -EWM MAKE PHOENIX 351	21 Nos.	w.e.f. 01.06.2015 for 3 years.
32	MAINT OF TIG WELDING MACHINES- MAKE EWM TETRIX 421	34 Nos.	w.e.f. 01.11.2015 for 3 years.
33	MAINT OF TIG WELDING MACHINES-ESAB MAKE	22 Nos.	w.e.f. 01.10.2015 for 3 years.
34	MAINT OF LIFTS- KONE LIFTS	2 Nos.	w.e.f. 07.05.2017 & 10.07.2017 for 3 years.
35	MAINT OF LIFTS- KONE LIFTS	Passenger lift - 3 Nos. Goods lift - 1 Nos.	With immediate effect
36	MAINT OF LIFTS- OTIS LIFTS	1 Nos.	With immediate effect
37	MAINT OF EOT CRANES -CONTROL PANELS	6 nos.	With immediate effect
38	ROLLING SHUTTERS		
39	MONSOON REPAIR		With immediate effect
40	WATER PURIFIERS	As per scope of work of the current PO NO 3110006582 1AU(584 nos)	17.02.2016
41	Housing keeping for EY,ALCOCK YARD,Module Shop ans CAS	APPROX.50000M2	March 2015 to March 2017

42	Maintenance of Split AC in Reclamation Bldg	27 nos	March 2016- March 2018
43	Cool Air Supply to Boast 1,2 3	1 no per boat	May 2014 to May 2017
44	Air Receivers as per Factories ACT	7 NOS	Feb 2016 to Feb 2018
45	Testing of Mobile Cranes,EOT Cranes and Forlifts	1AU	March 2016 to March 2018
46	Maintenance of Welding Station 2,3 & MS-6	3 Nos.	Dec 2015 to Dec 2017
47	CNC Pipe Bending Machine in Pipe Shop	1 no	April 2014 to April 2017
48	Maint. OF Welding Machines- make Torando-401/H	60 nos.	June 2014 to June 2016
49	EOI combined pipe bending, fabrication and installation	20000 nos	Jun-14
50	Pipe fabrication -only fabrication of Bend pipes	20000 nos	Jul-14
51	Craddle outfitting	11 cradles per Boat for 2 Boats	Jul-14
52	Connectorisation of fibre optics cable	39 cables per Boat for 2 Boats	Apr-14
53	Complex Seat 3Boats	969 nos	Sep-14
54	Flange Machining	2999 nos	Apr-14
55	Shaft Line machining	M/c, Drill & Tap of EPM -Seat, M/C of Shaft line PH Penetration ,M/c of Shaft-hull-penetration	Oct-14
56	Lifting and shifting equipment	30 Triggers per day	Apr-14
57	Pressure testing of systems & flushing of HP Pipes.	3316 pipes, 15 systems for Boat-1	Jun-14
58	External pressure testing - Exhaust pipes, Rescue Bouy control unit & Access Trunk	3 pipes, 1 rescue buoy, 1 access Trunk,	May 2014 .
59	Scanning of Quality documents	10000 per month	Jun-14
60	Machining of soft patch	1 no	May-14
61	Section outfitting(Boat 2 to 6)	5 sections per Boat for Boat 3 & 4	Mar-15
62	Fab .of small Cradles(Boat 5 to 6)	4 cradles per boat for 2 boats	Oct-15
63	GRP	850 Sq.Mtr. Boat-1	May-14

64	Pressure testing of all system except Hydraulic systems pipes	6636 pipes Boat-1	Jun-14
65	Drilling and Tapping	5825 holes	Jun-14
66	Scaffolding	3000sq.Mtr	Jun-14
67	Annual Maintenance Contract for Jaldoot Make 4-wheeler battery operated platform Truck load capacity-2 tons	service for 1 no per year	Continuous requirement from year 2014 onwards
68	Rocol RTD Metal Cutting compound	50 cans of 500 gms	Continuous requirement from year 2014 onwards
69	Permenant Paint Marker (various colours)	50 nos per year	Continuous requirement from year 2014 onwards
70	Cutting insert CNMG 120408 TF IC 907	200 NOS PER YEAR	Continuous requirement from year 2014 onwards
71	Cutting insert CNMG 120404 TF IC 907	200 NOS PER YEAR	Continuous requirement from year 2014 onwards
72	WD Compound	10 cans of 450 ml each per year	Continuous requirement from year 2014 onwards
73	Rabakote Antirust compound	30 ltrs per year	Continuous requirement from year 2014 onwards
74	Cutting Insert CCMT 09 T3 08	200 nos per year	Continuous requirement from year 2014 onwards
75	Cutting Insert CCMT 09 T3 04	200 nos per year	Continuous requirement from year 2014 onwards
76	BI-Metal -M42 COBALT HSS BANDSAW BLADE CONTINUOUS TYPE SIZE(LXWXT) (4674 MMX34MMX1.1MM)4/6-TPI TOOTH HARDNESS RC 66-68	40 nos per year	Continuous requirement from year 2014 onwards
77	LED Torch Light	20 nos per year`	Continuous requirement from year 2014 onwards
78	Lubrication oil super 85 W-140,210 LIT	210 litres per year	Continuous requirement from year 2014 onwards