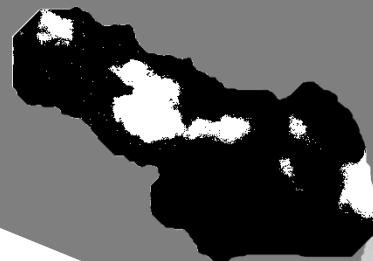
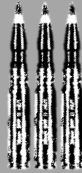
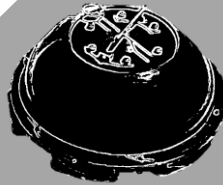
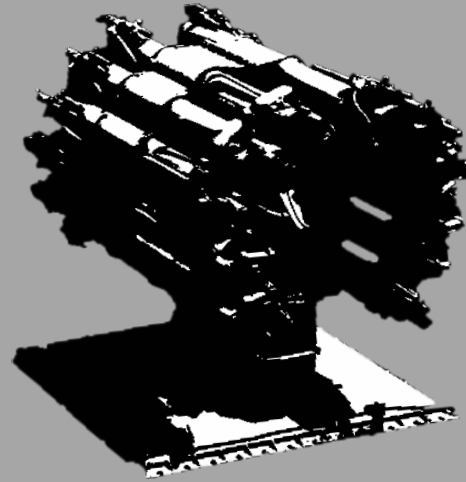




INDIGENISATION OF NAVAL ARMAMENTS



**Directorate of Armament
Production & Indigenisation**

Naval Headquarters

Ministry of Defence (Navy)

West Block – V, Wing No. 5 (FF), RK Puram

INDIGENISATION OF NAVAL ARMAMENTS

Organisation

1. Directorate of Armament Production and Indigenisation under DGNAI at IHQ-MoD(N) is the Authority Holding Sealed Particulars (AHSP) for all Naval Armament (NA) Stores of the Indian Navy. Indigenisation of NA Stores for the Indian Navy, is one of the primary charters of the Directorate. The address of DAPI as given below:-

Directorate of Armament Production & Indigenisation
Naval Headquarters
West Block -V, Wing No. 1 (FF)
RK Puram, New Delhi – 110 066
Ph No.: 011-26194691
Email: dapi.ihq@navy.gov.in

2. DAPI was established in Apr 2017. The role and responsibility of indigenisation of NA stores has been entrusted to DAPI since its inception. Subsequently, following Indigenisation Cells (ICs) were created at:-

- (a) Controllerate of Naval Armament Inspection(West), Mumbai
- (b) Controllerate of Naval Armament Inspection(East), Vishakhapatnam
- (c) Controllerate of Naval Armament Inspection(South), Always
- (d) Controllerate of Naval Armament (Ordnance Factory), Pune
- (e) Controllerate of Naval Armament (Defence Production), Hyderabad

3. In addition, following NAI cells at DRDO labs have been mandated to associate during the R&D activities being undertaken for NA stores:-

- (a) NAI Cell at HEMRL, Pune
- (b) NAI Cell at ARDE, Pune
- (c) NAI Cell at NSTL, Vishakhapatnam

4. DAPI along with Indigenisation Cells at Controllerates and NAI Cells at DRDO Labs is responsible for indigenisation of Naval Armament stores. The role and responsibilities includes:-

- (a) Provide input towards formulation of QRs wrt indigenisation of Naval Armament stores.
- (b) Indigenisation of fast moving components/ spares/ consumables and explosives for all NA stores, their fitment and functioning trials and acceptance into service.
- (c) Undertake in-house indigenisation of NA stores, sub systems/ spares and prepare their drawings, specifications, inspection/ proof schedules, inspection criteria, in association with DRDO/ DPSUs/ Trade.
- (d) Render technical advice on indigenous NA stores, their design, stability, safety and reliability including design modification.

- (e) Maintain close liaison with DGQA, DGAQA, DPSUs, DRDO and private firms on indigenisation/ production QA related issues of NA stores.
- (f) Associate in R&D projects during technical/ user/ environmental trials, transfer of technology and evaluation of NA stores.
- (g) Coordination with various authorities on design, development, manufacture, proof, testing and standardisation of NA stores.

5. Organisation Chart for indigenisation of NA stores is as shown at Figure 1 below and the communication details of various indigenisation cells are placed at Table 1 below.

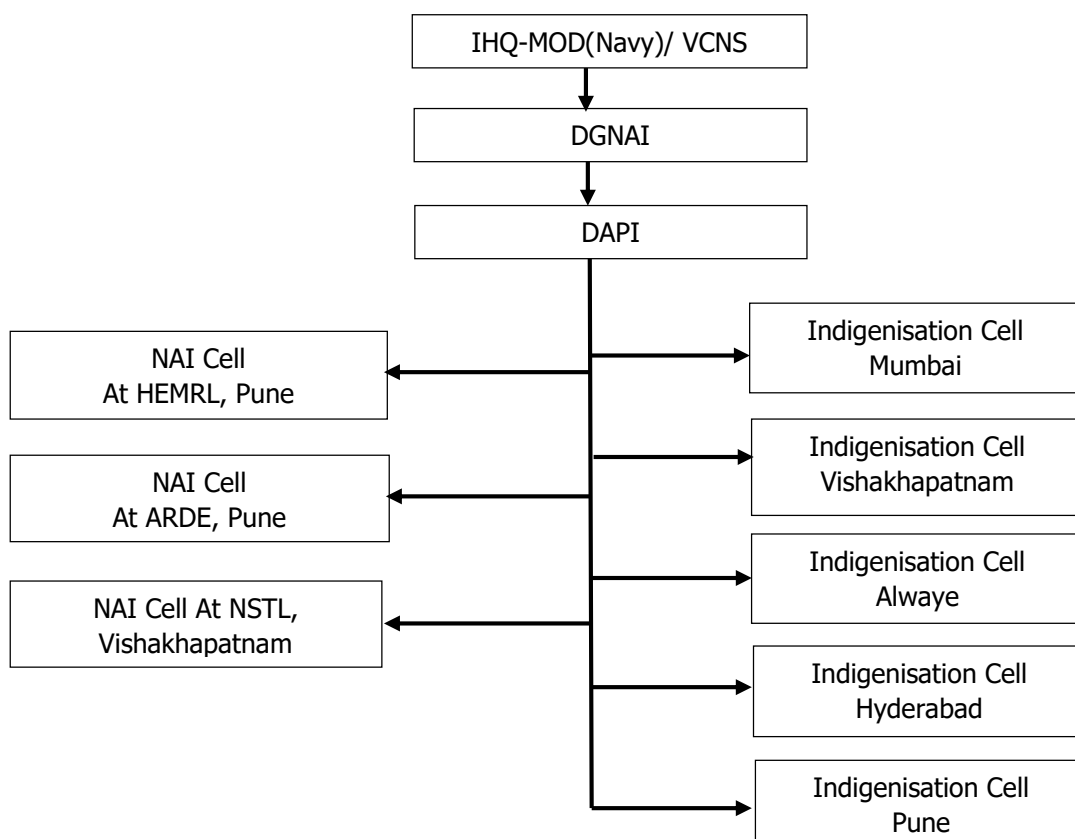


Figure 1: Organisation Chart for Indigenisation of NA stores

Table 1: Communication Details of Indigenisation Cells

Ser.	Indigenisation Cell	Communication Address	Contact Details
(a)	Indigenisation Cell Mumbai CNAI(W)	The Controller of Naval Armament Inspection Controllerate of Naval Armament Inspection(West) Naval Dockyard, Gun Gate Mumbai 400023	Tel: 022-22666091/ 22660990 Fax: 022-22660990 Email: wncnaimb@navy.gov.in
(b)	Indigenisation Cell Vishakhapatnam CNAI(E)	The Controller of Naval Armament Inspection Controllerate of Naval Armament Inspection(East) PO : Naval Armament Depot Vishakhapatnam 530009	Tel: 0891-2571143 Fax: 0891-2576416/ 2515468 Email: encnainv@navy.gov.in
(c)	Indigenisation Cell Always CNAI(S)	The Controller of Naval Armament Inspection Controllerate of Naval Inspection(South) NAD PO, Always 683563	Tel: 0484-2838384 Fax: 0484-2839751 Email: sncnaia@navy.gov.in
(d)	Indigenisation Cell Hyderabad	The Controller of Naval Armament Controllerate of Naval Armament (Defence Production) Naval Armament Inspectorate	Tel: 040-24340589 Fax: 040-24340599 Email: naihyderabad@navy.gov.in

Ser.	Indigenisation Cell	Communication Address	Contact Details
	CNA(DP)	PO – Kanchanbagh, Hyderabad – 500 059	
(e)	Indigenisation Cell Pune CNA(OFF)	The Controller of Naval Armament Controllerate of Naval Armament (Ordnance Factories) Naval Armament Inspectorate At Ammunition Factory Khadki, Pune - 411003	Tel: 020-25810852 Fax: 020-25811248 Email: najablpur@navy.gov.in

Indigenisation Routes

6. Indigenisation projects for NA stores are progressed under following routes:-

(a) **Revenue Scheme.** This route is exercised through funds allotted to IHQ-Mod(N)/DAPI. Appropriate funds are sub-allocated to respective Indigenisation Cells through Admin Authorities.

(b) **Make II/III Schemes.** "Make II/ III - Industry Funded" scheme has been described in Chapter III of Defence Acquisition Procedures (DAP) 2020. It primarily focuses on import substitution through development/ upgradation of systems. In this sub-category, no government funding is envisaged for prototype development, but has assurance of orders on successful development and trials of prototype.

(c) **Technology Development Fund (TDF) Scheme.** The Technology Development Fund (TDF) operated by DRDO was setup in union budget 2014-15. This scheme aims at funding the development of Defence & Dual use technologies. The funding is done to public/ private industry especially MSMEs and only Indian vendor including Association of Person are eligible for this scheme. Each project is capped at 10 Crore with a development period of two years.

(d) **DRDO Projects.** The indigenisation of NA stores is also progressed through DRDO. DGNAI is the Co-Chairman for the IN-DRDO Synergy - Armament Combat & Engineering (ACE) Cluster.

(e) **iDEX.** The iDEX (Innovations for Defence Excellence) initiative was launched by the Hon'ble PM in Apr 18 with the aim to achieve self-reliance and foster innovation and technology development in Defence and Aerospace by engaging industries including MSMEs, Start-ups, individual innovators, R&D institutes and academia. Defence India Start-up Challenge (DISC) is being launched since then with Problem Statements (PS) from Armed Forces and DPSUs. iDEX has provision of providing funding to shortlisted vendors under various schemes.

Indigenisation Methodology at ICs

7. Following methodology would be followed for indigenisation of stores:-

(a) **Development Procedures.** The procedure followed for indigenisation of stores are as per Chapter 15 of DPM-2009 (through Indian industries) or Chapter IV of DAP-20.

(b) **No Cost-No Commitment (NCNC) Basis.** The Production Agencies (PAs) are at times engaged for development of stores on NCNC basis. In such cases, the Indigenisation Cells will generate Paper Particulars (PPs) in association with the Production Agencies (PAs). The store will be declared developed and bulk production may be initiated based on satisfactory trials and approval of IHQ-MoD(N)/DAPI.

(c) **Indigenisation through DRDO/ Academia.** Stores shall be taken up for indigenisation through DRDO/ Academia wherever feasible, post discussion with respective development agencies in DcPP mode.

(d) **Sample Based Indigenisation.** In view of large number of stores required to be indigenised and constraints on resources for generation of drawings/ paper particulars, samples will be issued to development agencies (DAs) for indigenisation. The DAs shall be responsible for generation of drawings and identification of material, etc. based on the sample provided under the supervision of concerned Indigenisation Cell. The RFP may be formulated accordingly.

Indigenisation List

8. A list of more than 800 types of stores integral to missiles, torpedoes and other underwater stores, guns, gun ammunition, etc. is attached at **Appendix 'A'**.

Details for Correspondence

9. In this list, stores have been assigned to various Indigenisation Cells as brought out above. Industries possessing the required infrastructure, capability, expertise and desirous of taking up indigenisation/ manufacturing of the listed components may get in touch with respective Indigenisation Cells (for contact details refer Table 1 above).

ANNUAL INDIGENISATION PROGRAMME
FOR NAVAL ARMAMENT STORES (AIPNAS)

ROLL-ON PLAN 2023-26

<u>Ser</u>	<u>Item Description</u>	<u>LPP</u>	<u>LPP Year</u>	<u>MOQ (05 yrs)</u>	<u>Spareability</u>	<u>Remarks</u>
<u>IHQ-MOD(NAVY)/DAPI: YEAR 2023-26</u>						
1.	Universal Proximity and DA Fuze for 76/62 Gun Ammunition (with electronics adaptable to 76 mm to 127 mm Ammunition)	DA – Euro 175/ fuze Proximity- Euro 375/ fuze	DA – 2017 Proximity - 2021	DA - 4000 Proximity - 4000	Yes	Make-II Project
2.	Indigenous Development of Effectors for Anti Torpedo Countermeasure System (5" Mobile Target Emulator) for P-75 Submarines	-	-	-	No	Make-II Project
3.	Development of Limpet Mines Mk-414 (07 Kg) and Mk-430 (15 Kg)	-	-	-	Yes	Make-II Project
4.	Development of 76/62 SRGM Ammunition HE & HEPFF	HE – Euro 646.20 HEPFF – Euro 1210	HE – 2021 HEPFF - 2021	HEDA – 4000 HEPFF - 4000	Yes	Make-III Project
5.	Extended Range Anti-Submarine Rocket (ER-ASR)	-	-	-	Yes	DRDO Projects
6.	Universal Proximity & DA Fuze	-	-	-	Yes	
7.	Guided Pinaka Rocket for Naval Application	-	-	-	NA	
8.	Ctge Submerged Ejector Signal	-	-	-	Yes	
9.	500 Kg GP Bomb	-	-	-	NA	
10.	Cartridge Harness Power Retraction Unit (HPRU) and Command Delay Breech Unit (CDBU)	-	-	-	Yes	
11.	Insensitive Munition (IM)	-	-	-	Yes	
12.	Indigenisation of Signal Flares (Red Star, Green Star, Red Smoke & Green Smoke) and Anti-Submarine Decoy for P-75 class Submarines	<ul style="list-style-type: none"> •Red Star – Euro 4591/ unit •Green Star – Euro 4591/ unit •Red Smoke – Euro 5432/ unit •Green Smoke – Euro 5432/ unit •Decoy – Euro 5491/ unit 	2021	<ul style="list-style-type: none"> •Red Star – 150 •Green Star – 600 •Red Smoke – 150 •Green Smoke – 250 •Decoy – 300 	Yes	
13.	Indigenisation of Chaff Cartridges for MiG 29K	-	-	-	Yes	
14.	Indigenisation of Chaff Cartridges for P8I	-	-	-	Yes	
15.	Development of Microwave Obscurant Chaff for MR Kavach Rockets	-	-	-	NA	
16.	Universal FIAMs	-	-	-	Yes	
17.	IR Decoy	-	-	-	NA	

Ser	Item Description	LPP	LPP Year	MOQ (05 yrs)	Spareability	Remarks
18.	Safety & Actuating Mechanism (9E129/ PIM 9E129)	-	-	200	NA	DRDO Projects (Monitoring trough CNAI(W))
19.	Booster Engine 78 Д -Т	-	-	75	NA	
20.	Ignition Cartridge K-716-1 (У-418) (for ignition of Booster Engine Igniter)	-	-	75	NA	
21.	Igniter B-287 (for ignition of solid propellant charge of booster engine)	-	-	75	NA	
22.	Modification of MRCR Kavach rocket	--	--	240	Yes	
23.	Igniter – 3Т-10 (for booster and combat motor)	-	-	200	NA	
24.	Booster stage GG	-	-	88	NA	
25.	Igniter – 3Т-20 (for booster and combat GG)	-	-	200	NA	
26.	Combat stage GG	-	-	128	NA	
27.	Booster Motor 3Л -10М with propellant 3Ш-10М	-	-	88	NA	
28.	SPME (Combat motor) 3Д-52 with propellant 3Ш-59	-	-	64	NA	
29.	Explosive Bolt 15 X 569-2	-	-	678	NA	
30.	Igniter – 83Р-П3-3 (Push apart mechanism booster and SPME)	-	-	660	NA	
31.	Gun Powder Charge fin deployment mechanism- 86Р-П3-5	-	-	209	NA	
32.	Electric Detonator Elongated Detonation Cord (EDC) ЭД-У	-	-	57	NA	
33.	Elongated Detonation Cord - Д У3	-	-	229	NA	
34.	Gas generator -Ш-521	-	-	88	NA	
35.	Igniter B-521	-	-	88	NA	
36.	Pyro Charge ДП4-1	-	-	88	NA	
37.	Pyro spark ПС-10	-	-	88	NA	
38.	Pyro spark ПС-140	-	-	88	NA	
39.	Pyro Valve	-	-	88	NA	

Ser	Item Description	LPP	LPP Year	MOQ (05 yrs)	Spareability	Remarks
40.	GP Charge - 3W-29-010 (Wing rotation mechanism)	-	-	88	NA	
41.	Electric igniter of the wind rotation mechanism PK1	-	-	88	NA	
42.	Electro-Magnetic Fusing Device (EMFD)	-	-	176	NA	
43.	Rubber Components	-	-	88 sets	NA	
44.	30 mm Barrel using alternate material	--	--	--	Yes	In association with ARDE
45.	30 mm Barrel Nitrocarburizing	--	--	--	Yes	
46.	Kavach Chaff Rockets	<ul style="list-style-type: none"> •LRRCR - Rs. 1,91,292 •MRRCR - Rs. 2,17,098 •SRRCR - Rs. 33,095 	2021	<ul style="list-style-type: none"> •LRRCR - 600 •MRRCR - 1800 •SRRCR - 3000 	Yes	Indigenisation Project with Pvt Industry
47.	Electromechanical Fuze	-	-	-	Yes	
48.	Practice Head(PHs) for Modified Oxygen Torpedo	-	-	-	Yes	
49.	Standalone Miniaturised Telemetry Package	-	-	-	Yes	
50.	Contact Exploder N-239	13,200 \$	2020	-	Yes	Indigenisation Project with Pvt Industry
51.	SRGM Ordnance	-	-	-	Yes	
52.	PP3CP	400 \$	2022	-	Yes	
53.	Contact explosive device	209213 \$	2022	-	Yes	
54.	Super Hydrophobic Coating for Torpedoes	-	-	02 (01 LWT & 01 HWT)	-	In association with CNAI(E)
55.	30mm Proximity Fuze	-	-	5000 Rds	-	In association with CNA(OF)
56.	Long Range Communication Technology for locating Torpedoes	-	-	02 Sets	-	In association with CNAI(W)
57.	AI based Gun Parts Inspection	-	-	02 systems	-	In association with CNAI(W)
58.	AI based Gun Barrel crawling Bot	-	-	04 systems	-	In association with CNAI(E)
59.	Development of Steel Cartridge Case for 76/62 SRGM	-	-	-	-	
60.	Development of Steel Cartridge Case for 30mm	-	-	-	-	
61.	Development of Single/ Double Base Gun Propellant	-	-	-	-	
62.	Development of Double Base Propellant for Rockets	-	-	-	-	
63.	Ring Laser Gyro	-	-	-	-	
64.	Otto Fuel Based Propulsion System	-	-	-	-	

Ser	Item Description	LPP	LPP Year	MOQ (05 yrs)	Spareability	Remarks
65.	Al-Ago Batteries	-	-	-	-	
66.	Development of Mg Alloy for Sea Water activated Battery	-	-	-	-	
67.	Rocket Motor	--	--	100	NA	
68.	Safety & Actuating Mechanism along with Detonator, squib and pellet	--	--	100	NA	
69.	TVC Explosive bolts	--	--	100	NA	
70.	Thermal Battery (including squib and ignition tape)	--	--	100	NA	

YEAR: 2023-24 (Includes Rolled over from 2022-23)

CONTROLLERATE OF NAVAL ARMAMENT INSPECTION (WEST)

71.	Cable No. 4 - 2517.030.0101	US\$489	2019	20	Yes	
72.	Cable No. 5 - 2517.030.0102	US\$509	-do-	20	Yes	
73.	Cable No. 6 - 2517.030.0103	US\$499	-do-	20	Yes	
74.	Cable No. 23 - 2517.030.0106	US\$599	-do-	20	Yes	
75.	Cable No. 82 - 2517.030.0110	US\$499	-do-	20	Yes	
76.	Cable No. 11 - 2517.039.0103	US\$643.46	-do-	20	Yes	
77.	Cable No. 12 - 2517.039.0106	US\$699	-do-	20	Yes	
78.	Cable No. 37 - 2517.039.0115	US\$798	-do-	20	Yes	
79.	Cable No. 40 - 2517.039.0117	US\$249	-do-	20	Yes	
80.	Cable No. 53 - 2517.039.0120	US\$2445	-do-	20	Yes	
81.	Cable No. 54 - 2517.039.0121	US\$389	-do-	20	Yes	
82.	Cable No. 56 - 2517.039.0122	US\$748	-do-	20	Yes	
83.	Cable No. 83 - 2517.039.0131	US\$638	-do-	20	Yes	
84.	Cable No. 87 (2517.039.0132)	US\$599	-do-	20	Yes	
85.	Cable No. 20 - 2517.019.0102	US\$499	-do-	20	Yes	
86.	Cable No. 14 - 2517.019.0103	US\$379	-do-	20	Yes	
87.	Cable No. 15 - 2517.019.0104	US\$345.21	-do-	20	Yes	
88.	Cable No. 16 - 2517.019.0105	US\$396.15	-do-	20	Yes	
89.	Cable No. 17 - 2517.019.0106	US\$499	-do-	20	Yes	
90.	Cable No. 18 - 2517.019.0107	US\$581	-do-	20	Yes	

Ser	Item Description	LPP	LPP Year	MOQ (05 yrs)	Spareability	Remarks
91.	Cable No. 35 - 2517.019.0110	US\$446.31	-do-	20	Yes	
92.	Cable No. 55 - 2517.019.0111	US\$649	-do-	20	Yes	
93.	Bunched Conductor No. 51 (2517.006.0112) (Cable No. 61) - (2517.106.0110)	US\$466.53	-do-	20	Yes	
94.	Cable No. 52 - 2517.006.0113	US\$898	-do-	20	Yes	
95.	Bunched Conductor No. 204 2517.006.0125	US\$1098	-do-	20	Yes	
96.	Bunched Conductor 2517.108.0000	US\$1197	-do-	20	Yes	
97.	Electronic Pack 2517.040.0050	NA	NA	50	Yes	
98.	Pipe 2517.019.0010	NA	NA	20	Yes	
99.	Pipe 2517.019.0015	NA	NA	20	Yes	
100.	Pipe 2517.019.0016	NA	NA	20	Yes	
101.	Pipe 2517.019.0027	NA	NA	20	Yes	
102.	Pipe 2517.019.0030	NA	NA	20	Yes	
103.	Pipe 2517.019.0031	NA	NA	20	Yes	
104.	Pipe 2517.019.0032	NA	NA	20	Yes	
105.	Pipe 2517.019.0033	NA	NA	20	Yes	
106.	Pipe 2517.019.0034	NA	NA	20	Yes	
107.	Pipe 2517.019.0035	NA	NA	20	Yes	
108.	Pipe 2517.019.0036	NA	NA	20	Yes	
109.	Pipe 2517.019.0037	NA	NA	20	Yes	
110.	Pipe 2517.019.0038	NA	NA	20	Yes	
111.	Pipe 2517.019.0039	NA	NA	20	Yes	
112.	Pipe 2517.019.0040	NA	NA	20	Yes	
113.	Pipe 2517.019.0041	NA	NA	20	Yes	
114.	Pipe 2517.019.0042	NA	NA	20	Yes	
115.	Pipe 2517.019.0043	NA	NA	20	Yes	
116.	Pipe 2517.019.0053	NA	NA	20	Yes	
117.	Pipe 2517.019.0054	NA	NA	20	Yes	
118.	Pipe 2517.019.0059	NA	NA	20	Yes	
119.	Pipe 2517.019.0503	NA	NA	20	Yes	
120.	Pipe 2517.019.0505	NA	NA	20	Yes	
121.	Pipe 2517.019.0506	NA	NA	20	Yes	
122.	Hose Pipe 2517.019.0062	NA	NA	20	Yes	
123.	Hose Pipe 2517.019.0062 - 01	NA	NA	20	Yes	
124.	Hose Pipe 2517.019.0062 - 04	NA	NA	20	Yes	
125.	Hose Pipe 2517.019.0062 - 05	NA	NA	20	Yes	

Ser	Item Description	LPP	LPP Year	MOQ (05 yrs)	Spareability	Remarks
126.	Towed Reel BK4.769.010-01	31,900 \$	2021	100	Yes	
127.	Pipe 2517.039.0035	NA	NA	20	Yes	
128.	Pipe 2517.039.0035 – 01	NA	NA	20	Yes	
129.	Pipe 2517.039.0063	NA	NA	20	Yes	
130.	Pipe 2517.039.0067	NA	NA	20	Yes	
131.	Pipe 2517.039.0067 – 01	NA	NA	20	Yes	
132.	Pipe 2517.039.0067 – 02	NA	NA	20	Yes	
133.	Pipe 2517.039.0067 – 03	NA	NA	20	Yes	
134.	Pipe 2517.039.0304	NA	NA	20	Yes	
135.	Pipe 2517.039.0305	NA	NA	20	Yes	
136.	Pipe 2517.039.0306	NA	NA	20	Yes	
137.	Pipe 2517.030.0019	NA	NA	20	Yes	
138.	Pipe 2517.030.0020	NA	NA	20	Yes	
139.	Hose Pipe 2517.030.009 – 1	NA	NA	20	Yes	
140.	Pipe 2517.006.0010	NA	NA	20	Yes	
141.	Pipe 2517.006.0011	NA	NA	20	Yes	
142.	Pipe 2517.006.0053	NA	NA	20	Yes	
143.	Pipe 2517.006.0058	NA	NA	20	Yes	
144.	Pipe 2526.003.007	NA	NA	20	Yes	
145.	Pipe 2526.003.008	NA	NA	20	Yes	
146.	Hose Pipe 2526.030.009-01	NA	NA	20	Yes	
147.	Hose Pipe 260.030.019	NA	NA	20	Yes	
148.	Hose 2042.03.018-02	NA	NA	20	Yes	
149.	Hose 2042.03.018-03	NA	NA	20	Yes	
150.	Headlight 2517.034.0000	US \$7983	Oct 2019	05	Yes	
151.	Depth Sensor 1563.039.0500	US \$7983	-do-	05	Yes	
152.	Poppet Valve 002.84.030	US\$1297	-do-	10	Yes	
153.	Bollard 2526.003.009	US\$449	-do-	10	Yes	
154.	Battery Hose Pipe for TEST 71ME	NA	NA	30	Yes	
155.	Torpedo Reel End Connector	NA	NA	30	Yes	
156.	Spring 2517.070.0050	NA	NA	50	Yes	
157.	Spring 1563.04.0140-01	NA	NA	50	Yes	
158.	Spring 260.051.117	NA	NA	50	Yes	
159.	Spring 239.10.178	NA	NA	50	Yes	
160.	Spring 241.10.109	NA	NA	50	Yes	
161.	Spring 241.12.125	NA	NA	50	Yes	
162.	Spring 2517.013.5002	NA	NA	50	Yes	

Ser	Item Description	LPP	LPP Year	MOQ (05 yrs)	Spareability	Remarks
163.	Spring 2526.013.601	NA	NA	50	Yes	
164.	Spring 2526.014.605	NA	NA	50	Yes	
165.	Spring 2517.031.5001	NA	NA	50	Yes	
166.	Spring 2526.043.602	NA	NA	50	Yes	
167.	Spring 2526.038.634	NA	NA	50	Yes	
168.	Micro Switch П1М9-2В	NA	NA	30	Yes	
169.	Orifice 238.11.060	NA	NA	30	Yes	
170.	Valve 1563.039.0101	NA	NA	50	Yes	
171.	Valve 1563.04.0142	NA	NA	50	Yes	
172.	Valve 2526.014.0102	NA	NA	50	Yes	
173.	Valve 002.84.035	NA	NA	50	Yes	
174.	Valve 238.11.002	NA	NA	50	Yes	
175.	Valve 2517.043.0002	NA	NA	50	Yes	
176.	Valve 2526.013.0101	NA	NA	50	Yes	
177.	Valve 2526.038.0109	NA	NA	50	Yes	
178.	Valve 2526.039.501	NA	NA	50	Yes	
179.	Piston 260.014.002	NA	NA	50	Yes	
180.	Piston 260.013.001-1	NA	NA	50	Yes	
181.	Valve 2526.043.0102	NA	NA	50	Yes	
182.	Bearing 2517.020.0010	NA	NA	50	Yes	
183.	Bearing 2517.016.0004	NA	NA	50	Yes	
184.	Bearing 7b80212C2W1 (60x110x22)	NA	NA	50	Yes	
185.	Bearing 7b80208C2W1 (40x80x18)	NA	NA	50	Yes	
186.	Bearing 1000915W2 (75x105x16)	NA	NA	50	Yes	
187.	Bearing b-8209 W1 (45x73x20)	NA	NA	50	Yes	
188.	Bearing 7000804П (20x32x4)	US\$30	Oct 2019	50	Yes	
189.	Spring 255.003.141	NA	NA	100	Yes	
190.	Spring 260.003.164	NA	NA	100	Yes	
191.	N239 contact exploder	US \$13,200	Jul 20	200	Yes	
192.	Diaphragm Valve - 238.030.0050	US\$349	Oct 2019	40	Yes	
193.	Pressure Pick Up - 260.07.002-1	NA	NA	10	Yes	
194.	Towed Reels	US\$31,900	2021	20	Yes	
195.	Torpedo Reel	US\$35,850	Mar17	50	Yes	
196.	Hydraulic Pump with Reduction Unit 2517.011.0000-01	US\$16964	2019	10	Yes	
197.	Distance Gear - 2526.010.000	US\$5773	-do-	10	Yes	
198.	Air Flask 2517.005.0507	US\$371.68	Oct 2019	10	Yes	

<u>Ser</u>	<u>Item Description</u>	<u>LPP</u>	<u>LPP Year</u>	<u>MOQ (05 yrs)</u>	<u>Spareability</u>	<u>Remarks</u>
199.	Equipment Switch 2517.070.0050	US\$4191	-do-	10	Yes	
200.	Retarder 2526.014.000	US\$4515	-do-	10	Yes	
201.	Safety Valve 1563.04.0140-01	NA	NA	10	Yes	
202.	Bleeding Unit 2526.028.000	US\$1996	2019	10	Yes	
203.	Fluid Flask 2526.019.0107	US\$3972	-do-	10	Yes	
204.	Pneumatically Operated Switch 2517.051.0000	US\$2325	-do-	10	Yes	
205.	Non Return Valve 1563.039.0100-01	US\$599	-do-	10	Yes	
206.	Filter 2526.043.000	US\$1803	-do-	10	Yes	
207.	Noise Maker 094.033.000-I	US\$14617.82	-do-	10	Yes	
208.	Tube Safety Device / Lever 260.545.092	NA	NA	20	Yes	
209.	Propeller Lock 2517.545.0026	NA	NA	20	Yes	
210.	Air Flask / Long Life Balloon (LLB) 260.030.122	US\$3,800	Sep 21	20	Yes	
211.	Bulk Head Terminals	NA	NA	10	Yes	
212.	+ 200 Ve Bus Bar 260.035.033	US\$1666	2021	10	Yes	
213.	- 200 Ve Bus Bar 260.035.034	US\$1325	-do-	10	Yes	
214.	+ 200 Ve Bus Bar 260.035.032	US\$1324	-do-	10	Yes	
215.	Cable (Loose)No. 35 (ARL- 35)	NA	NA	10	Yes	
216.	Cable (Loose)No. 108 (91- 37)	NA	NA	10	Yes	
217.	Cable (Loose)No. 109 (92- 16)	NA	NA	10	Yes	
218.	Cable (Loose)No. 124 (YL - 35)	NA	NA	10	Yes	
219.	Cable (Loose)No. 133 (Bunch)	NA	NA	10	Yes	
220.	Cable No. 117-P (95-78)	NA	NA	10	Yes	
221.	Cable No. 120 (29- 24)	NA	NA	10	Yes	
222.	Inlet-CEC Union (260.030.128)	NA	NA	10	Yes	
223.	Squib-CEC Union (260.030.129)	NA	NA	10	Yes	
224.	CEC Union-A/B inbuilt (260.030.131)	NA	NA	10	Yes	
225.	Inlet Union-4w &Ret. Union (260.030.132)	NA	NA	10	Yes	
226.	Retarder-COD (260.030.008)	NA	NA	10	Yes	
227.	Retarder-NRV (260.030.105)	NA	NA	10	Yes	
228.	4w-NRV, Retarder, COD, Pneumatic Switch (260.030.106)	NA	NA	10	Yes	
229.	COD – Battery Diaphragm 260.030.047	NA	NA	10	Yes	
230.	+ 200 Ve Bus Bar-15 (SBC-15) 260.035.030	US\$420	2021	10	Yes	
231.	- 200 Ve Bus Bar-16 (SBC- 16) 260.035.031	US\$420	-do-	10	Yes	

Ser	Item Description	LPP	LPP Year	MOQ (05 yrs)	Spareability	Remarks
232.	- 27 Ve Bus Bar-43 (SBC - Wh) 260.037.059	US\$629	-do-	10	Yes	
233.	- 80 Ve Bus Bar-45 (SBC - 45) 260.037.059-01	US\$629	-do-	10	Yes	
234.	+ 200 Ve Bus Bar (SBC-47) 260.036.055	US\$541	-do-	10	Yes	
235.	- 200 Ve Bus Bar (SBC- 75) 260.036.056	US\$629	-do-	10	Yes	
236.	- 80 Ve Bus Bar (SBC - 126) 260.036.057	US\$412	-do-	10	Yes	
237.	Pipe (260.030.018) (HP)	NA	NA	10	Yes	
238.	Pipe (300.030.038) (LP)	NA	NA	10	Yes	
239.	Cable No. 10 (10- G& R)	NA	NA	10	Yes	
240.	Cable No. 104 (11- 97) 260.053.0074	NA	NA	10	Yes	
241.	Cable No. 105 (12- 92) 260.053.0075	NA	NA	10	Yes	
242.	Cable No. 106 (13- 93) 260.053.0076	NA	NA	10	Yes	
243.	Cable No. 107 (14- 94) 260.053.0077	NA	NA	10	Yes	
244.	Cable No. 116 (77- 95) 260.053.0086	NA	NA	10	Yes	
245.	Battery Hose Pipe for CET 65E	NA	NA	10	Yes	
246.	Cable(inbuilt) No. 34 (36- 47,126)	NA	NA	10	Yes	
247.	Cable(inbuilt) No. 36 (36- 47,126)	NA	NA	10	Yes	
248.	Cable (inbuilt)No. 37 (37- 48)	NA	NA	10	Yes	
249.	Cable (inbuilt)No. 38 (38- 55)	NA	NA	10	Yes	
250.	Cable (inbuilt)No. 39 (39- 56)	NA	NA	10	Yes	
251.	Cable (inbuilt)No. 125 (35- Check)	NA	NA	10	Yes	
252.	Cable (Loose)No. 132 (55,56 -USG)	NA	NA	10	Yes	
253.	Pipe (260.019.105) (TC union- W/Fluid-NRV)	US\$1011	2021	10	Yes	
254.	Pipe (260.019.108) (A/B union-Hyd. Pump)	US\$399	-do-	10	Yes	
255.	Pipe (260.019.109) (Hyd. Pump - A/B union)	US\$404	-do-	10	Yes	
256.	Pipe (260.019.110) (SG-A/B 4w & Ret.)	US\$840	-do-	10	Yes	
257.	Pipe (260.019.112) (SG-CEC union HP line)	US\$460	-do-	10	Yes	
258.	Pipe (260.019.115) (4w-COV)	US\$449	-do-	10	Yes	
259.	Pipe (260.019.116) (COV-NRV)	US\$175	-do-	10	Yes	

Ser	Item Description	LPP	LPP Year	MOQ (05 yrs)	Spareability	Remarks
260.	Pipe (260.019.117) (NRV-SG-Bleed Unit)	US\$504	-do-	10	Yes	
261.	Pipe (260.019.118) (Bleed Unit-HFF)	US\$401	-do-	10	Yes	
262.	Pipe (260.019.119) (HFF-NRV-Tail Cone)	US\$513	-do-	10	Yes	
263.	Pipe (260.019.120) (4w-CGM & USG)	US\$509	-do-	10	Yes	
264.	Pipe (260.019.121) (4w-APS)	US\$404	-do-	10	Yes	
265.	Pipe (260.019.123) (Oil Filter- Tail Cone)	US\$404	-do-	10	Yes	
266.	Pipe (260.019.130) (Tail Cone- W/Fluid-NRV)	US\$633	-do-	10	Yes	
267.	Pipe (260.019.132) (Motor)	US\$592	-do-	10	Yes	
268.	Pipe(inbuilt) – 04 Nos.	NA	NA	10	Yes	
269.	Pipe (260.030.025) (SBC-PWH coil)	NA	NA	10	Yes	
270.	Pipe (300.030.026) (SBC-PWH coil)	NA	NA	10	Yes	
271.	Pipe (260.003.046) (SG-Bollard- PPV)	US\$354	2021	10	Yes	
272.	Pipe (300.003.047) (CSV- PPV)	NA	NA	10	Yes	
273.	Pipe (300.003.048) (PWH Body- PP & DS)	NA	NA	10	Yes	
274.	Cable No.1 (1 - 12)	NA	NA	10	Yes	
275.	Cable No.2 (5 – 8 Check)	NA	NA	10	Yes	
276.	Cable No.5 (15 – 10A)	NA	NA	10	Yes	
277.	Cable No.6 (49 – 75,77A)	NA	NA	10	Yes	
278.	Cable No.7 (6 – 11A)	NA	NA	10	Yes	
279.	Cable No. 127-P (119-120)	NA	NA	10	Yes	
280.	Transducer cable Assembly of Digital AIE	NA	NA	10	Yes	
281.	Depth Sensor	NA	NA	10	Yes	
282.	Pressure pick-up (PP) 260.007.002-1	US\$6077.91	Dec 2016	10	Yes	
283.	Valve 260.046.102	NA	NA	50	Yes	
284.	Valve 260.013.003	NA	NA	50	Yes	
285.	Valve 260.013.051	NA	NA	50	Yes	
286.	Valve 260.014.004	NA	NA	50	Yes	
287.	Valve 277.038.015	NA	NA	50	Yes	
288.	Valve 277.038.012	NA	NA	50	Yes	
289.	Valve IIX5.890.027	NA	NA	50	Yes	
290.	Valve 260.014.004/ 2526.014.0102	NA	NA	50	Yes	
291.	Collar 238.19.028M	NA	NA	50	Yes	
292.	Valve 270.038.015	NA	NA	50	Yes	
293.	Valve 260.046.003-I	NA	NA	50	Yes	
294.	Collar 7/13, 238.11.105	NA	NA	50	Yes	
295.	Collar 4/10, 085.13.103	NA	NA	50	Yes	

Ser	Item Description	LPP	LPP Year	MOQ (05 yrs)	Spareability	Remarks
296.	Collar 9/16, 260.014.110	NA	NA	50	Yes	
297.	Collar 12/21, 260.014.105	NA	NA	50	Yes	
298.	Collar 12/18, 239.10.180	NA	NA	50	Yes	
299.	Valve 1563.039.0101	NA	NA	50	Yes	
300.	Valve 1563.04.0142	NA	NA	50	Yes	
301.	Connector (U-6)	NA	NA	25	Yes	
302.	Orifice 238.11.60	NA	NA	25	Yes	
303.	Hose 2517.019.0062-02	NA	NA	25	Yes	
304.	Hose 2517.019.0062-03	NA	NA	25	Yes	
305.	Relay MAГ-11	US\$4140	Mar 2021	10	Yes	
306.	Non Return Valve (Air)	US\$2000	Mar 2021	10	Yes	
307.	Retarder 260.013.000-11	US\$5582	Sep 21	10	Yes	
308.	Retention belt(pneumatic)	42,000 For 10 nos. each	2018	80	Yes	
309.	Restraint bands				Yes	
310.	Breaking disc				Yes	
311.	Covers orange				Yes	
312.	Emergency battery				Yes	
313.	Sea trail kit	17,033	2020	20	Yes	
314.	Ring stop (W036595, W020859, W029419)	847 1083 1227	2022	05 sets	Yes	
315.	Feeding tube assy	2,822	2022	05	Yes	
316.	Feed assy e.h a244s srp	8,717	2022	05	Yes	
317.	Diode & piles box	5,394	2022	05	Yes	
318.	Body, percussion	2,466	2022	10	Yes	
319.	Pressure switches (n 212000100, n 212000101)	4,570	2022	10	Yes	
320.	Valve assembly	11,626	2022	05	Yes	
321.	Security valve	7,430	2022	10	Yes	
322.	EH cable	1866	2022	10	Yes	
323.	Check plug p 202	1617	2022	05	Yes	
324.	Varnish for SBH Vepolux-038(component a & b)	NA		10L	Yes	
325.	(A) Paint 1n630000001				Yes	
326.	(B) Catalyst act 65				Yes	
327.	(C) Diluents sn530002dilue				Yes	
328.	(D) Additive 1n601000018				Yes	

Ser	Item Description	LPP	LPP Year	MOQ (05 yrs)	Spareability	Remarks
329.	Inverter of mod 3			20	Yes	
330.	Battery section of mod 3			50	Yes	
331.	PCB xa22 card	8412.29	2010	20	Yes	In association with CNA(DP)
332.	PCB xa23 card	7994.33				
333.	PCB xa09 card	7611.68				
334.	PCB xa11 card	8003.46				
335.	PCB xa12 card	2101.36				
336.	PCB xa14 card	1867.04				
337.	PCB xa25 card	7835.17				
338.	Acoustic head Mod 0	99614.65				
339.	Electronic rack Mod 0 (with 27 PCBs)	112840.30				
340.	RPM Sensor	1318.34				
341.	FIAM MOD 3 (SET) WITH ACCESSORIES WMP 324400405	18,661	2010	100	Spareability of 02 U/s samples from NAD (Mbi)	
342.	TRANSDUCER,PRESSURE N211000200, N211000202	NA	NA	10		
343.	SRP ELECTRONICS W036718	6472	2022	05		
344.	SRP ELECTRONICS CABLE W036539	749	2022	05		
345.	SENSOR BOX W003198	39,041	2022	05		
346.	PINGER CABLE WCP324400019A	-		10		
347.	PINGER N21000200	9,000	2018	05		
348.	ARMING DEVICE OF MOD 0 AND MOD 3 W002257	€14,286	2018	20		
349.	ACOUSTIC HEAD FOR MOD 3 TORPEDO WMP324400429	25,891	2017	20		
350.	AG 2000 RACK WMP324400277	NA	NA	20		
351.	SCAN BOARD WM 9940119900	NA	NA			
352.	I/O BOARD WM 9940120600	10,000	2017			
353.	DSP BOARD WM 9940120700	NA	NA			
354.	PPC BOARD WM 9940133200	NA	NA			
355.	DC/DC CONVERTER WTP 324400206	NA	NA			
356.	YOKE FOR ELEVATOR ASSEMBLY W005716	NA	NA	10		
357.	TIE ROD (WMP32440000295) NUT (WMP324400292A) WASHER (WMP324400290)	NA	NA	60		

Ser	Item Description	LPP	LPP Year	MOQ (05 yrs)	Spareability	Remarks
358.	INCLINOMETER N215000200	10,703	2022			
359.	PRESSOMETER SUPPORT WMP324400232	NA	NA	10		
360.	STUD WMP324400343	NA	NA			
361.	SLING W013679	NA	NA			
362.	SPACER W013681	NA	NA			
363.	JUMPERED CAP WMP324400025	NA	NA			
364.	PRESSOMETER ASSEMBLY WITH CABLING WMP324400349	NA	NA	05		
365.	INCLINOMETER N215000100	3454	2008	05		
366.	DAS RECORDER WMP324400029	49067	2022	05		
367.	Locking ring ii complete 279.840 322	1292.00€	2016	50	Yes	
368.	Locking ring iii complete 279.840 314	1557.00€	2016	63	Yes	
369.	Excess pressure valve 279.345 249	873.60€	2013	60	Yes	
370.	Guide tube 279.599 571	4112.00€	2016	60	Yes	
371.	A- spool kw 20 279.648 683	4476.00€	2013	60	Yes	
372.	Bushing 279.410 795	115.20€	2016	100	Yes	
373.	Rudder shaft bearing 279.710 632	2736.00€	2016	100	Yes	
374.	Toothed segment 279.586 057	1219.20€	2016	100	Yes	
375.	Coupling piece 279.410 951	307.20€	2016	100	Yes	
376.	Coupling link complete 279.446 658	556.80€	2016	60	Yes	
377.	Upper fin 279.562 678	1728.00€	2016	60	Yes	
378.	Upper guide piece with pin 279.579 300	1689.00€	2016	20	Yes	
379.	Lower fin with thread insert 279.562 645	1689.60€	2016	20	Yes	
380.	Lower guide piece complete 279.578 351	3792.00€	2016	20	Yes	
381.	Knurled nut 279.578 393	35.52€	2016	20	Yes	
382.	Compression spring 279.491 886	NA	NA	50	Yes	
383.	Spring pin 279.578 385	14.40€	2016	50	Yes	

Ser	Item Description	LPP	LPP Year	MOQ (05 yrs)	Spareability	Remarks
384.	Push-out lever 279.578 377	91.20€	2016	20	Yes	
385.	Locking rail 279.578 336	1104.00€	2016	20	Yes	
386.	Water velocity switch ef6037g651	NA	NA	20	Yes	
387.	Xmtr coil complete 279.836 122	4200.00€	2013	60	Yes	
388.	Xmtr coil complete 279.836 130	4200.00€	2013	60	Yes	
389.	Lateral fin with bushing 279.841 254	2918.40€	2016	60	Yes	
390.	Cable trunk II 279.835 850	2950.00€	2013	60	Yes	
391.	Cable trunk III EF6037G549	160€	2013	60	Yes	
392.	Forward propeller 279.840 280	11000.00€	2013	20	Yes	
393.	Rear propeller 279.840 272	10100.00€	2013	20	Yes	
394.	Forward shaft sealing 279.840 306	2688.00€	2016	60	Yes	
395.	Screwing ring 279.340 000	268.80€	2016	100	Yes	
396.	Matching ring 1082180803008	NA	NA	50	Yes	
397.	Slotted round nut 279.340 018	62.40€	2016	50	Yes	
398.	Intermediate shaft sealing 279-840 298	3120.00€	2016	60	Yes	
399.	Screwing ring 279.340 034	100.80€	2016	100	Yes	
400.	Slotted round nut 279.340 023	273.60€	2013	50	Yes	
401.	Rear shaft sealing 279.551 275	460€	2016	60	Yes	
402.	Screwing ring 279.569 475	1.92€	2016	100	Yes	
403.	Propeller shaft bearing complete 279.432 427	9066.67€	2016	20	Yes	
404.	Snap ring Sw60 272.300 945	1.92€	2016	50	Yes	
405.	Bearing flange 279.400 143	254.40€	2016	40	Yes	
406.	External shaft 279.409 284	3680.00€	2016	10	Yes	
407.	Inner shaft 279.409 292	3792.00€	2016	10	Yes	
408.	A-cable guard 279.604 967	484.80€	2016	100	Yes	
409.	Locking device 279.829 549	NA	NA	20	Yes	
410.	B-spool kw 8279.779 405	4476€	2013	60	Yes	
411.	Red lever mechanism	NA	NA	100	Yes	
412.	A-B connector	131.10€	2013	100	Yes	

Ser	Item Description	LPP	LPP Year	MOQ (05 yrs)	Spareability	Remarks
413.	Hose with coupling 297.903 396	-	-	50	Yes	
414.	FITTING SCREW	NA	NA	50	Yes	
415.	FITTING SCREW	NA	NA	50	Yes	
416.	GUIDE STUD FWD PART	NA	NA	20	Yes	
417.	GUIDE STUD AFT PART	NA	NA	20	Yes	
418.	GUIDE PIECE	NA	NA	20	Yes	
419.	CYLINDER WITH PIN	3763.20€	2013	20	Yes	
420.	BUS BAR CONNECTOR	787.2€	2016	20	Yes	
421.	BUS BAR CONNECTOR COVER	1296€	2016	20	Yes	
422.	BUS BAR SUPPORT	264€	2016	20	Yes	
423.	BALL	NA	NA	100	Yes	
424.	DISTANCE MEASURING DEVICE	NA	NA	20	Yes	
425.	FIN BOLT	326.40€	2016	50	Yes	
426.	FIN BOLT	230.40€	2016	50	Yes	
427.	SUPORT WITH THREAD INSERT	1296.00€	2016	20	Yes	
428.	FIN BOLT	307.20€	2016	50	Yes	
429.	FIN BOLT	288.00€	2016	50	Yes	
430.	FIN BOLT	302.40€	2016	50	Yes	
431.	FIN BOLT	364.80€	2016	50	Yes	
432.	Section 1 Assembly 9M317.0100.000-05	\$ 1,207,941	2020	15	Yes	
433.	Section 4 Assembly 9M317.0400.000-02	\$ 371,282	2020	20	Yes	
434.	Plug Fitting (End Ring) 9M38.0000.002	\$ 250	2020	100	Yes	
435.	Section No.4 9M381э.0401.000-01	NA	-	30	Yes	
436.	Radar Homing Head (RHH) 9э501э	NA	-	50	Yes	
437.	Radio Fuse 9э241M1э	NA	-	50	Yes	
438.	Auto-pilot БУ-10	NA	-	50	Yes	
439.	Turbo Generator Power Supply unit 9Б256	\$ 68, 034	2011	80	Yes	Through HEMRL
440.	Sealant T Y 3801051436-88	\$ 162/ Kg	2020	20 Kg	Yes	
441.	Plug (TG Stub) ЕИГА.305364.002	NA	-	100	Yes	
442.	Missile Balwanka 3M14eBW	02 Nos	-	-	No	
443.	Missile Mockup 3M14ETBM and 3M54ETBM	02 Nos	-	-		
444.	Imitator-R	02	-	-		
445.	Cross Gauge for EKM submarine	01	-	-		
446.	Cross gauge for Kalveri class submarines	02	-	-		
447.	Caliber Jig		-	-		

Ser	Item Description	LPP	LPP Year	MOQ (05 yrs)	Spareability	Remarks
448.	Uran SDD	-	-	-	Yes	
449.	KH-35 Explosive Bolts	-	-	-	Yes	
450.	MVDP Equipment				Yes	(Harpoon mock up firing)
451.	Mobile Target Emulator (MTE) for C-303 Decoy system	--	--	--	--	Revenue route
452.	Safety & Actuating Mechanism	--	--	40	--	Through NAI(Goa)
453.	Solid Propellant Rocket Motor	--	--	40	--	
454.	RM Igniter	--	--	40	--	
455.	Igniter Cartridge	--	--	40	--	
456.	Thermal Battery Assembly	--	--	40	--	
457.	Battery Igniter	--	--	40	--	
458.	Safety & Actuating Mechanism	--	--	65	--	
459.	Solid Propellant Rocket Motor	--	--	65	--	
460.	RM Igniter	--	--	65	--	
461.	Gas Generator Propellant	--	--	65	--	
462.	Gas Generator Igniter	--	--	65	--	
463.	Igniter Cartridge	--	--	65	--	
464.	Thermal Battery Assembly	--	--	65	--	
465.	Battery Igniter	--	--	65	--	
466.	Tube Safety Device 243.17.000	NA	NA	30	Yes	
<u>CONTROLLERATE OF NAVAL ARMAMENT INSPECTION (EAST)</u>						
467.	Floater Cover 243.03.0502KEM	US\$1,570	Mar 21	20	Yes	
468.	Floater Safety Valve 243.03.049ME	US\$1384	-do-	10	Yes	
469.	Striker Pin (Bypass Mechanism) 243.18.131	US\$52	-do-	20	Yes	
470.	Pulse Headlight 2.424.005	NA	NA	10	Yes	
471.	Valve - Π243-00-003	NA	NA	50	Yes	
472.	Valve 243.06.032	NA	NA	100	Yes	
473.	Valve 243.11.181	NA	NA	50	Yes	
474.	Valve 243.11.112.I	NA	NA	50	Yes	
475.	Valve 243.11.164	NA	NA	50	Yes	
476.	Valve 068.01.021	NA	NA	25	Yes	
477.	Valve Π243.00.009	NA	NA	50	Yes	

Ser	Item Description	LPP	LPP Year	MOQ (05 yrs)	Spareability	Remarks
478.	Valve 243-39-026	NA	NA	10	Yes	
479.	ROD 243.06.052	NA	NA	150	Yes	
480.	ROD 243.06.051	NA	NA	150	Yes	
481.	Safety Valve 243.03.049ME	NA	NA	10	Yes	
482.	Diaphragm 243.06.0202	NA	NA	100	Yes	
483.	Adhesive 78BUC	1917.5 Rs/ Litre	Nov 2016	50 Litre	Yes	
484.	UID 825.52.000 T	NA	NA	60	Yes	
485.	Vertrel XF	NA	NA	600 ltr/year	Yes	
486.	Oil 4LF	53,100 Rs/ Kg	Aug 2020	100Ltr/year	Yes	
487.	AKOP-1	NA	NA	100Ltr/year	Yes	
488.	Radar Homing Head Y554-5	\$ 1,597,159	2021	15	Yes	
489.	On Board Computer Complex (OBCC) БЦВМЗАРЯ-43	\$ 186,280	2020	15	Yes	
490.	'O' Rings (Д4102.51500)	NA	-	50	Yes	
491.	'O' Rings (6IP3012OCTB38.0544.90)	NA	-	50	Yes	
492.	'O' Rings (БШ 54.1.0000-150)	NA	-	50	Yes	
493.	Auto Pilot Control Unit ДВ2.564.012	\$ 35,075	2020	15	Yes	
494.	Altitude Prediction Gyro ДВ2.562.096	\$ 5,236	2020	15	Yes	
495.	Rate Gyro	NA	-	10	Yes	
496.	Radio altimeter ГY1.000.040.-05	\$ 180,516	2020	15	Yes	
497.	Angular Coordinate Control Unit бIK2.035.321-1СП	\$ 72,052	2020	15	Yes	
498.	Timer Missile бIK2.320.083	\$ 27,668	2020	10	Yes	
499.	Timer Radar бIK2.320.094	\$ 22,971	2020	10	Yes	
500.	Integrating Mechanism ДБ4.004.001	\$ 19,987	2020	10	Yes	
501.	Amplifier лИ2.032.265	\$ 13,869	2020	10	Yes	
502.	Selection Unit лИ2.214.000	\$ 13,367	2020	10	Yes	
503.	Pre-Amplifier лИ2.328.010	\$ 13,281	2020	10	Yes	
504.	Power Amplifier лИ2.039.107	\$ 25,014	2020	10	Yes	
505.	Power Supply Unit лИ2.087.747	\$ 13,602	2020	10	Yes	
506.	Communication Unit лИ3.622.557	\$ 34,875	2020	10	Yes	
507.	RF portion of Receiver бIK2.026.010-1СП	\$ 1,04,306	2020	10	Yes	
508.	Receiver бIK2.026.009-1СП	\$ 66,640	2020	10	Yes	
509.	Current Control Unit (бIK)2.032.188	NA	-	10	Yes	
510.	Synchroniser unit бIK2.075.035-1СП	NA	-	10	Yes	
511.	Auto Tracking Unit бIK2.076.272-1СП	NA	-	10	Yes	

Ser	Item Description	LPP	LPP Year	MOQ (05 yrs)	Spareability	Remarks		
512.	Rectifier Unit	NA	-	10	Yes			
513.	Distributor unit (BIK)3.680.051	NA	-	10	Yes			
514.	Rubber O Ring Д4102.51500	--	--	For entire Club inventory of <i>IV</i>	Yes	CLUB (Vetted by DM)		
515.	Rubber O Ring 2-10-2.5-3012	--	--		Yes			
516.	Rubber O Ring ГКСА 754174.019-04	--	--		Yes			
517.	Rubber O Ring (73.5-3.3-11750)	--	--		Yes			
518.	Rubber O Ring Д4102.50724-03	--	--		Yes			
519.	Rubber O Ring 2-6-2-3012	--	--		Yes			
520.	Rubber O Ring 2-3.9-2-3012	--	--		Yes			
521.	Rubber O Ring 2-83.5-3.3-3012	--	--		Yes			
522.	Rubber O Ring A5x589.6 1gr.3012	--	--		Yes			
523.	Rubber O Ring 109-115-36-2 ИРП-1175	--	--		Yes			
524.	Rubber O Ring 2-9.6-2.4-3012	--	--		Yes			
525.	Rubber O Ring 2-5.9-2-3012	--	--		Yes			
526.	Plasticiser Sealant ПАСТА Тф-1	--	--		5 Kg		Yes	
527.	Sealant ПАСТА N-1	--	--		5 Kg		Yes	
528.	Sealant ДфГ	--	--	5 Kg	Yes			
529.	Self-Contained Noise Maker Battery (2556.010.090)	--	--	06	NA			
530.	Overflow valve (Valve by-Pass) (2556.010.040)	--	--	15				
531.	One Shot Battery Compartment with squib and accessories	--	--	10				
532.	Squibs	--	--	--				
533.	Contact Fuze (Device И-346)	--	--	--				
534.	Start Battery 26 НКМ-5 (ИПВЕ.563511.011)	--	--	--				
535.	Rubber Components	--	--	--				
536.	Towed Reel	--	--	--				
537.	Torpedo Reel	--	--	--				
538.	Shield/ Cover Assembly	4604\$	2022	-	NA			
539.	Float (T.004.00.00)	--	--	--	NA			
540.	Unit Б-119 (ПЕ 3.145.012) (Electrical Squib Connector)	--	--	--	NA			
541.	Input device assembly along with Squibs and accessories (SET) (2600.000.003)	--	--	--	NA			
542.	TE2-02 Torpedo input Device and Complete accessories (SET) (2556.028.000)	--	--	--	NA			
543.	Coil (2600.022.000)	--	--	--	NA			

Ser	Item Description	LPP	LPP Year	MOQ (05 yrs)	Spareability	Remarks
544.	Load Unit (Weight) (2600.005.309)	--	--	--	NA	
545.	Pusher Along with Squib (2600.005.011)	--	--	--	NA	
546.	TE2-02 Torpedo Tension Link Screw (2556.000.192)	--	--	--	NA	
547.	TE2-02 Torpedo Tension Link Screw (2556.000.123)	--	--	--	NA	
548.	Charging and Closing Valve (Inlet and Check Valve) (2556.010.000)	--	--	--	NA	
549.	Tail Section (2556.020.000)	--	--	--	NA	
550.	3M54E W/H	--	--	18	Yes	
551.	3M54TE W/H	--	--	28	Yes	
552.	Rubber components for Uran	--	--	75 sets	NA	
553.	Protection filters (Φ3-78M-1 and Φ3-78M-2) (Qty – 01 each) for Kh-35E	--	--	50 each	NA	
554.	Rubber Components for Kh-35E	--	--	50 sets	NA	
555.	Propulsion System Squib (15X341/ PP 15X341)			200	NA	
556.	Rocket motor Igniter (9X253)	--	--	200	NA	
557.	TGPSU (Turbo Generator Power Supply Unit)	--	--	200	NA	
558.	Propulsion System Squib (9X456)	--	--	72	NA	
559.	RM Igniter (9X522)	--	--	72	NA	

CONTROLLERATE OF NAVAL ARMAMENT (ORDNANCE FACTORIES)

560.	SBP for 100mm Ammn	--	--	--	NA	
561.	100mm HEDA, HEVT & Practice Ammunition	--	--	--	NA	Through OFs
562.	76/62 SRGM HEPFF ammunition	--	--	--	NA	Through OFs
563.	76/62 SRGM HEDA & HEPFF ammunition	--	--	--	NA	Alternate Vendor
564.	RGB-60 with Fuze YDB-60 or equivalent				--	through Revenue route
565.	SRGM Primer	Euro 68/ primer	2021	250	Yes	
566.	Refilling of A244S W/H	--	--	Entire inventory	Yes	In association with CNAI(W)
567.	Mk 1 Mod 3 Squib (Motor disconnecter) for A244S	--	--	160	Yes	
568.	DA Fuze PDM9030A1	--	--	240	Yes	Revenue & OFAj
569.	Steel Ctge Case for SRGM	--	--	161	Yes	Revenue & OFAj
570.	Proximity Fuze for 76/62 SRGM	Euro 375/ fuze	2021	240	Yes	Revenue
571.	Advanced Mini Depth Charge with ESAD fuze	--	--	240	Yes	M/s EEL proposal

Ser	Item Description	LPP	LPP Year	MOQ (05 yrs)	Spareability	Remarks
572.	Float Smoke & Flame	--	--	240	Yes	M/s EEL proposal
573.	Modification of MRCR Kavach rocket	--	--	240	Yes	Revenue route
574.	Limpet Mine 7kgs and 15kgs	--	--	100	Yes	Revenue route
575.	Gas generator Section-IV	\$ 68,034	2011	80	Yes	Revenue route
576.	SRGG (ГТТ-95)	--	--	125	--	
<u>CONTROLLERATE OF NAVAL ARMAMENT (DEFENCE PRODUCTION)</u>						
577.	Release Wire for A244S Torpedo	-	-	50	Yes	In association with CNAI(W)
578.	Scoop Arming Wire for A244S Torpedo	-	-	50	Yes	
579.	Coupling Ring for A244S Torpedo	-	-	50	Yes	
580.	DM16 for SUT Torpedo	-	-	100	Yes	Through M/s Renegesis, Hyd
581.	Ignition Cartridge (ДП4-3)	-	-	275	NA	
582.	Ignition cartridge ДП4-3М) (Qty -03) (02-breaking pneumatic unit diaphragms, 01-operation of pyrotechnic valve of fuel tank pressurization system)	-	-	600	NA	
583.	Igniter Squibs (ПС-95ТМО)	-	-	250	NA	
584.	Igniter Squibs (ПС-95ТМ) (Qty -02) (for relighting in case of SE flame out) (Used along with Electric Igniter ЭВП-19)	-	-	175	NA	
585.	Thermal Battery Assembly (УБ-78М)	-	-	75	NA	
586.	Thermal Battery Assembly (УБ-78-07) for Kh-35E	-	-	50	NA	
587.	Thermal Battery	-	-	100	NA	
<u>CONTROLLERATE OF NAVAL ARMAMENT INSPECTION (SOUTH)</u>						
588.	Battery Section Shell	-	-	20	Yes	
589.	Cox Gun Ammunition (Blank)	NA	NA	10000	-	
590.	Electrically Operated Cartridge	NA	NA	100	Yes	
591.	PT1047 Needle Cartridge	NA	NA	100	Yes	
592.	Cartridge Injector L3A1 NE	NA	NA	100	-	

Ser	Item Description	LPP	LPP Year	MOQ (05 yrs)	Spareability	Remarks
593.	Electrically Driven Impulse Cartridge 12.7mm	NA	NA	100	-	
594.	Electric Cartridge 12.7mm	NA	NA	100	-	
595.	Electrically Initiated Cartridge -LMDE Practice	NA	NA	1000	Yes	
596.	Electrically Initiated Cartridge -LMDE Service	NA	NA	500	Yes	

YEAR: 2024-25

CONTROLLERATE OF NAVAL ARMAMENT INSPECTION (WEST)

597.	Forward Propellers A666.393.030-01	US\$16465	Oct 2019	5	Yes	
598.	Aft Propellers A666.393.031-01	US\$12973	-do-	5	Yes	
599.	Horizontal Rudder 033.046.000-01	US\$1098	-do-	20	Yes	
600.	Vertical Rudder 003.046.000	US\$898	-do-	20	Yes	
601.	Aileron 260.020.062	US\$596.34	-do-	20	Yes	
602.	Towed Reel	US\$31900	Jun17	50	Yes	
603.	Tail Unit 2517.020.0000	US\$53763.22	Oct 2019	10	Yes	
604.	Starting Gear 2517.038.0000-01	15468 \$	Oct 2019	60	Yes	
605.	Ball Bearings b-7000107	NA	NA	100	Yes	
606.	Converter and Frequency Stabilizer ПТО-1000 & БР42Н	NA	NA	40	Yes	
607.	Hydraulic Fluid Flask 282.019.030	NA	NA	10	Yes	
608.	Steering Engine (829.25.03)	US\$19,842.22	Dec 2016	40	Yes	
609.	Steering Engine (810.11.10)	US\$17505.89	-do-	20	Yes	
610.	Shut up Device	NA	NA	10	Yes	
611.	Starting Lever	NA	NA	10	Yes	
612.	Gyroscope w018940	31,400	2008	10	Yes	
613.	Elevators yoke (heel trim motor with cable) w001968	NA	NA		Yes	
614.	Left elevator with shaft WMP324400433				Yes	
615.	Right elevator with shaft WMP 324400432				Yes	
616.	Vertical lower pin w000187				Yes	
617.	Horizontal port fin WMP 324400167				Yes	

Ser	Item Description	LPP	LPP Year	MOQ (05 yrs)	Spareability	Remarks
618.	Shaft 27ropeller assembly WMP 32440009				Yes	
619.	Steering control assembly W WMP 324400392				Yes	
620.	Card b2 w0 01674	NA	NA		Yes	
621.	Inverter (ex-head) w036615	6504	2022		Yes	
622.	Card b1 w001673	8322	2022		Yes	
623.	Card b2 w001674	8322	2022		Yes	
624.	Connector n236000200	187	2022		Yes	
625.	Connector n232000401	120	2022		Yes	
626.	Connector n232000700	117	2022		Yes	
627.	Connector n232000201	46	2022		Yes	
628.	Recording rack assembly (with cards) w036560	137526	2022		Yes	
629.	Guide rail stb. Compl	912.00€	2016	10	Yes	
630.	Guide rail port. Compl	912.00€	2016	10	Yes	
631.	Switching unit sd	NA	NA	10	Yes	
632.	Pressure piece	14.40€	2016	20	Yes	
633.	Pressure piece	26.88€	2016	20	Yes	
634.	Sealing Paste Y-303-5	NA	-	30 kgs	Yes	
635.	Vulcanising Paste No.9	NA	-	30 kgs	Yes	
636.	Product AFM-9	NA	-	30 kgs	Yes	
637.	Nitrocellulose Glue AK-20	NA	-	30 kgs	Yes	
638.	Central Tube of SM-39	--	--	--	--	
639.	Helium Bottle of M1B Mock Up	--	--	--	--	
640.	TLT Cable of SM-39	--	--	--	--	
641.	SM-39 and M1B maintenance kit	--	--	--	--	

<u>Ser</u>	<u>Item Description</u>	<u>LPP</u>	<u>LPP Year</u>	<u>MOQ (05 yrs)</u>	<u>Spareability</u>	<u>Remarks</u>
<u>CONTROLLERATE OF NAVAL ARMAMENT INSPECTION (EAST)</u>						
642.	Steering Engine KЯ2-503-026	NA	NA	10	Yes	
643.	Striker 243.18.131	NA	NA	100	Yes	
644.	Accumulator Battery 743.19.007-1	NA	NA	50	Yes	
645.	Steering Engine 243.08.000-01Э	NA	NA	20	Yes	
646.	Converter 253.58.000-I МЭ	NA	NA	10	Yes	
647.	Linear Acceleration Pickup 243.64.000. МЭ	NA	NA	10	Yes	
648.	Command Distribution Unit 243.51.010-1МЭ	NA	NA	10	Yes	
649.	Water Discharge Governor 243.06.027	NA	NA	20	Yes	
650.	Nozzle Box 243.40.000 МЭ	NA	NA	20	Yes	
651.	Valve 243.06.031	600	Jan 2015	20	Yes	
652.	Valve 243.06.032	NA	NA	20	Yes	
653.	Reducing Valve 812.13	NA	NA	20	Yes	
654.	Steering Engine 810.10.11-01	NA	NA	28	Yes	
655.	Stem 243.10.103-I	NA	NA	100	Yes	
656.	Lock 243.03.008 МЭ	NA	NA	40	Yes	
657.	Rod 243.03.812	NA	NA	40	Yes	
658.	Noise Maker 243.53.090	1,270 \$	Mar 2021	10	Yes	
659.	Pipeline 243.03.0208	NA	NA	10	Yes	
660.	Washer 243.11.117-II	NA	NA	40	Yes	
661.	Receiving Coil 243.91.002 МЭ and улр гилш 468332.084	NA	NA	10	Yes	
662.	Depth and Roll Recorder ЕП001-04-020-II	NA	NA	10	Yes	
663.	AKOP	NA	NA	100 litre	Yes	
664.	SFE and Barrel 243.59.000	US\$17480	Mar 21	10	Yes	
665.	Piston Brass and Steel (Bypass Valve)	NA	NA	10	Yes	
666.	Bollard	NA	NA	10	Yes	
667.	UID M825.01.000	NA	NA	30	Yes	
668.	Safety & Actuating Mechanism (9E129/ PIM 9E129)	--	--	72	NA	
669.	Gas Supply System	--	--	72	NA	
670.	Rocket Motor	--	--	72	NA	
671.	Load Shied/ Cover assembly	615\$	2022	-	-	

<u>Ser</u>	<u>Item Description</u>	<u>LPP</u>	<u>LPP Year</u>	<u>MOQ (05 yrs)</u>	<u>Spareability</u>	<u>Remarks</u>
<u>CONTROLLERATE OF NAVAL ARMAMENT (ORDNANCE FACTORIES)</u>						
672.	Detonator Electric No. 82					
673.	Detonator Igniferous 50-3-70					
674.	Detonator Disruptive 50-4-70					
675.	Detonator Electric 77					
676.	Fuze Electric 77					
677.	Pyro Cartg YDP 4-2					
678.	Pyro Cartg YDP 1-2					
679.	Pyro Cartg PP9 (I)					
680.	Marker Man Over Board					
681.	Pyro (India) Para Flare Red					
682.	Pyro (India) Buoyant Smoke Orange 3 Min					
683.	Pyro (India) Hand Flare Red					
684.	Signal Distress Day and Night					
685.	Torpedo Ignition cartridge					
686.	Sustainer Igniter 5B-43					
687.	Booster Igniter 5B-94					
688.	Signal Flare 239-31-025 CH(Filled)					
689.	Detonator Electric No. 79					
690.	Detonator Percussion N5					
691.	Squib 239-39-028 CH					
692.	Signal Flare Red					
693.	TGPSU (Turbo Generator Power Supply Unit)	--	--	72	NA	
694.	PBG Mine Mk-1 Warhead Filling	--	--	--	--	
695.	Booster CE Pallet for PBGM	--	--	--	--	
<u>CONTROLLERATE OF NAVAL ARMAMENT (DEFENCE PRODUCTION)</u>						
696.	Alternate source for Battery	--	--	--	--	
697.	Reserve batteries for proximity fuze					

<u>Ser</u>	<u>Item Description</u>	<u>LPP</u>	<u>LPP Year</u>	<u>MOO (05 Yrs)</u>	<u>Spareability</u>	<u>Remarks</u>
<u>YEAR: 2025-26</u>						
<u>CONTROLLERATE OF NAVAL ARMAMENT INSPECTION (WEST)</u>						
698.	Wire for Confinement Belt W021166	--	--	--	--	
699.	Plastic Screws N111000820/30	--	--	--	--	
700.	AN8-121-N-300-9 Forward Ring N142001300	--	--	--	--	
701.	Sealing Washer N145000200/210	--	--	--	--	
702.	Bushing W004503/3199	--	--	--	--	
703.	Front Tightness/ Rear Tightness WMP024400020/21	--	--	--	--	
704.	Arming Rod W002282	--	--	--	--	
705.	Pin N132000610	--	--	--	--	
706.	Gasket W001017	--	--	--	--	
707.	Dehydrating Salts W001183	--	--	--	--	
708.	Junction Band Spacer W013681	--	--	--	--	
709.	Squib Assembly W012681	--	--	--	--	
710.	Squib Assembly WMP019101410	--	--	--	--	
711.	Battery and Fuse Board WCP32440024	--	--	--	--	
712.	Propulsion Motor Assembly WTP324400120	--	--	--	--	
713.	Gyroscope W002198	--	--	--	--	
714.	Shipping Ring W002895	--	--	--	--	
715.	Pressometer A&B with cableW000801	--	--	--	--	
716.	Propulsion Motor MOD-0 W018367C	--	--	--	--	
717.	Rudder Fins W000195	--	--	--	--	
718.	Elevator Fins W000199	--	--	--	--	
719.	Inclinometer N215000200A	--	--	--	--	
720.	Stabilizing Ring W000191	--	--	--	--	
721.	Steering Control W000474	--	--	--	--	
722.	A244S MOD-0 Torpedo Warhead	--	--	--	--	
723.	Welding Paste SN 60 WRAP2#1 QQ-S-571	--	--	--	--	
724.	One Thousand Head Cord SN269004TA	--	--	--	--	
725.	Diaphragm of Pressometer Cavity W002844	--	--	--	--	
726.	Diaphragm of Pressometer Cavity W000144	--	--	--	--	
727.	Adjustment Tightness W004547	--	--	--	--	

Ser	Item Description	LPP	LPP Year	MOQ (05 Yrs)	Spareability	Remarks
728.	PH-A Cable/ PH-B Cable/ PH-C Cable WCP324400029/30	--	--	--	--	
729.	Anti-seize painting SN432002	--	--	--	--	
730.	Adhesive SN440003	--	--	--	--	
731.	Anti-seize Compound SN441011	--	--	--	--	
732.	Thermo Shrink SN269043TE	--	--	--	--	
733.	Aluminium Mounting Clamps with Straps N263000400/4600/IN428000004	--	--	--	--	
734.	Sling W013680	--	--	--	--	
735.	Breather Valves of SRP Bag W029414C	--	--	--	--	
736.	Charging Valve W020387	--	--	--	--	
737.	Detonator (DM12) M1297	--	--	--	--	
738.	Transmitting Load M1298	--	--	--	--	
739.	Ignition Amplifier/ Booster Charge (DM16) 279.994 340	--	--	--	--	
740.	Warhead 279.997 518	--	--	--	--	
741.	Reed Contact Complete EF6015G070	--	--	--	--	
742.	TONA	01	-	-	No	In association with CNA(DP)
743.	Warhead			40		Through NAI(Goa)
744.	Warhead			65		
745.	Blade Big (For Propeller Assembly) 007.060.028-01	US\$849.10	-do-	20	Yes	
746.	Blade Small (For Propeller Assembly)007.060.029-01	US\$963.59	-do-	20	Yes	
747.	Charging and Stop Valve - 2517.046.0000-01	US\$2994	2019	25	Yes	
748.	Starting Device - 2517.038.0000	US\$15468	-do-	10	Yes	
749.	Cut Off Valve 2526.014.000	US\$2195	-do-	10	Yes	
750.	Cut Off Device 2526.013.050	US\$1746	-do-	10	Yes	
751.	Electronic Pack 2517-040-0300	NA	NA	50	Yes	
752.	Noise Emitter	NA	NA	05	Yes	
753.	Pressure Pick up	US\$6077.91	Dec 2016	10	Yes	
754.	Protection Unit	US\$2087	-do-	10	Yes	
755.	Contactora with Pneumatic Switch	US\$2236	-do-	10	Yes	
756.	Stern Bush 260.019.0102	US\$31663	2021	10	Yes	
757.	ENSD	NA	NA	10	Yes	
758.	Timer	NA	NA	10	Yes	
759.	Blinker Unit 2039.04.020-II	NA	NA	10	Yes	

Ser	Item Description	LPP	LPP Year	MOQ (05 Yrs)	Spareability	Remarks
760.	Bollard- 02 Nos.	NA	NA	10	Yes	
761.	Relay Unit -1 (P5-1)	NA	NA	10	Yes	
762.	Radio Marker (TPO-72)	NA	NA	10	Yes	
763.	Filter 2526.043.000	US\$1803	Mar 2021	10	Yes	
764.	Junction Box -19 (JB-19)	NA	NA	10	Yes	
765.	Bypass Valve (PPV) 241.503.040	US\$2392	Mar 2021	10	Yes	
766.	Unit of connector (W-1)	NA	NA	25	Yes	
767.	Connector (W-5)	NA	NA	25	Yes	
768.	Forward Propeller 260.021.010	US\$18,937	Mar 2021	5	Yes	
769.	After Propeller 260.021.011	US\$15,451	-do-	5	Yes	
770.	Oil Filter 260.043.000	NA	NA	15	Yes	
771.	Pneumatic Switch (APS) 260.042.006	US\$2236	Mar 2021	10	Yes	
772.	Load Unit	NA	NA	10	Yes	
773.	Shut up Valve 260.014.000	US\$3007	Mar 2021	10	Yes	
774.	Non Return Valve (NRV)	US\$2000	Mar 2021	10	Yes	

CONTROLLERATE OF NAVAL ARMAMENT INSPECTION (EAST)

775.	Torpedo Ignition Ctgs(Ind)	-	-	-	-	
776.	Marker Smoke White A/S MK N3	-	-	-	-	
777.	Air Launch Accessories (ALA)	-	-	20 Nos.	--	Through NAI(Ark)
778.	Propeller baffle	-	-	20 Nos.		
779.	Propeller shaft, bush assembly and washer	-	-	03 Nos.	Yes	
780.	Periodic maintenance kit (7608938) containing various types of spares and consumables (Annexure I)	-	-	10 Kits.	--	
781.	Turnaround maintenance kit (7608937) containing various types of spares and consumables (Annexure II)	-	-	20 Kits.		
782.	CMDS(ALE-47)	-	-	-	-	
783.	Warhead (9H318)	-	-	72	-	

CONTROLLERATE OF NAVAL ARMAMENT (ORDNANCE FACTORIES)

784.	Box FRP S-12	Ab-Initio development	--	2500	Yes	
785.	Box FRP S-6	Ab-Initio development	--	4000	Yes	

Ser	Item Description	LPP	LPP Year	MOQ (05 Yrs)	Spareability	Remarks
786.	Depth Charge Mk-II MOD 3 with Packages	--	--	--	--	Alternate Vendor development
787.	Cartridge Squib PPL for 30 mm	Rs 2200/ unit	2021-22	20	--	
788.	Rocket 84mm Illuminating	Rs 19440/ unit	2021-22	367	--	
789.	84mm HEAT FFV 551 Rounds	Rs 88000/ unit	2021-22	95	--	
790.	Rocket 84mm TPT	Rs 12830/ unit	2021-22	360	--	
791.	Rocket 84mm HE FFV-44	Rs 18300/ unit	2021-22	286	--	
792.	Torpedo Impulse cartridge	--	--	--	--	
793.	Primer GUV-7	Rs 5300/ unit	2021-22	5910	--	
794.	Propellant 6/7 for AK-630 Ammn	NA	NA	NA	NA	
795.	Propellant S-760 for 76/62 SRGM	NA	NA	NA	NA	
796.	Propellant for RGB-60	NA	NA	NA	NA	
797.	Propellant for MRCR	NA	NA	NA	NA	
798.	Propellant for LRCR	NA	NA	NA	NA	
799.	Propellant for 100mm Ammn	NA	NA	NA	NA	
800.	Low Smoke EDB Propellant for TIC	NA	NA	NA	NA	
801.	Pyro (India) Parachute RKT Flare Red (PT-II)	Rs 3800/ unit	2021-22	1916	--	
802.	Pyro (India) Hand Flare Red (PT-III)	Rs 1200/ unit	2021-22	3461	--	
803.	Striker for Thunder flash	Rs 835/ unit	2021-22	920	--	
804.	Cartridge Submerged Ejector Signal (CSES) Red	--	--	--	--	
805.	Pyro Cartg UDP (1-3)	--	--	--	--	
806.	Pyro Cartg UDP (3-3)	--	--	--	--	
807.	Pyro Cartridge Filled PP9 PC/M	--	--	--	--	
808.	Detonator Percussion W/T Mk- N8	--	--	--	--	
809.	Primer CE Demolition Mk-III	--	--	--	--	
810.	Kavach Launcher MOD II	--	--	--	--	
<u>CONTROLLERATE OF NAVAL ARMAMENT (DEFENCE PRODUCTION)</u>						
811.	EED squib	5000		80	Yes	SO placed by DAPI.

Annexure I
(Refers to Ser. 780)

MK54 REXTORP PERIODIC MAINTENANCE KIT

<u>Ser</u>	<u>Description</u>	<u>Qty</u>
01.	Preformed Packing	01
02.	Preformed Packing	02
03.	Preformed Packing	04
04.	Preformed Packing	04
05.	Preformed Packing	01+01
06.	Preformed Packing	01
07.	Preformed Packing	02
08.	Preformed Packing	02
09.	Preformed Packing	01
10.	Preformed Packing	01
11.	Preformed Packing	01
12.	Preformed Packing	01
13.	Preformed Packing	01+01+01+03
14.	Preformed Packing	01
15.	Retaining Ring	01
16.	Retaining Ring	01
17.	Retaining Ring	01+01
18.	Screw	02+02
19.	Screw	04
20.	Screw	01
21.	Screw	02
22.	Screw	01
23.	Screw	04

<u>Ser</u>	<u>Description</u>	<u>Qty</u>
24.	Spacer	01
25.	Spiral Retaining Ring	01
26.	Spring	01
27.	Sticker, Maintenance Log	01
28.	Teflon Spacer	02
29.	Washer, Flat	04
30.	Washer, Lock	04
31.	Washer, Lock	04
32.	Dye Container	01
33.	Lanyard Assembly	01

MK54 REXTORP TURNAROUND MAINTENANCE KIT

<u>Ser</u>	<u>Description</u>	<u>Qty</u>
01.	Dye Container	01
02.	Lanyard Assembly	01
03.	Screw	02
04.	Screw	02
05.	Teflon Spacer	04