

File No. 1(5)/2020/PMO/DP(PLG-V)(1)
Government of India
Ministry of Defence
Department of Defence Production
Defence Enclave, K.G. Marg, New Delhi – 110 001

December 27, 2021

OFFICE MEMORANDUM

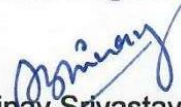
In order to provide impetus to self-reliance in defence manufacturing as part of the 'Atmanirbhar Bharat Abhiyan', two positive indigenization lists of Weapons/ Platforms/ Systems/ Ammunitions etc. have been prepared and notified by Dept. of Military Affairs (DMA) in the past.

2. In continuous pursuit of self-reliance in defence manufacturing and to minimize imports by DPSUs, a positive indigenization list of Sub-systems/Assemblies /Sub-Assemblies/ Components has been prepared with timelines and placed at Annexure-'A' and Annexure-'B'.

3. It is hereby notified that 2500 items at Annexure-A already successfully indigenized and 351 items at Annexure-B with product details as available on "SRIJAN Portal" will only be procured from Indian Industry after the timelines indicated in the list.

3. DPSUs will work in close coordination with local industrial supply chain to ensure strict adherence to the stipulated timelines.

4. Necessary certifications/approval for all items included in the list shall be granted on priority by concerned stakeholders.


(Abhinav Srivastava)
Director

Encl: Annexure 'A' and Annexure 'B'

To

All Ministries/Departments of the Government of India

Copy to :

1. PS to Raksha Mantri
2. PS to Raksha Rajya Mantri
3. DA to Secretary (DMA)
4. PPS to Defence Secretary / PPS to Secretary (DP)/PPS to Secretary (DRDO)
5. PPS to Secretary (Defence Finance)
6. DA to CISC/MA to VCOAS/NA to VCNS/AA to VCAS/ MA to AS (DMA)
7. PPS to AS (DP)
8. JS (Army)/ JS (Navy)/ JS(Air)/ JS (Estt & Coord)/ JS (Works)
9. JS (LS)/ JS (NS)/ JS(AERO)/ JS (P&C)/ JS (DIP)
10. All CMDs of DPSUs

ANNEXURE-B

Indigenization list with effect from Dec'2022			Annexure 'B'
SI No	Company Name	Product Description	Product Ref No.
1.	HSL	High pressure Safety Relief valve, PN300	PRO90563
2.	HSL	High Pressure regulating valve at 300 Bar.	PRO90565
3.	HSL	High pressure check valve	PRO90564
4.	HSL	High pressure globe valve, PN300	PRO90566
5.	BEL	Laser Warning Sensor	PRO90538
6.	BEL	UV Missile Approach Warning Sensor	PRO90539
7.	BEL	Gimbal for Tethered UAV	PRO90540
8.	BEL	Dual Sensor PTZ Camera	PRO90541
9.	BEL	Drainage Intrusion Detection System	PRO90542
10.	GRSE	3T Telescopic Deck Crane	PRO61533
11.	GRSE	HP Air Fittings & Reducing Station	PRO56786
12.	GRSE	Telescopic Helo Hangar	PRO61534
13.	MIL	Semi Combustible Cartridge Case for 125mm	PRO90580
14.	MIL	Shell / Warhead Filled for 84mm HEDP	PRO90586
15.	MIL	Shell Filled for 84 mm HEAT 751	PRO90587
16.	MIL	Rocket Motor Charge for 84 mm HEAT 751	PRO90584
17.	MIL	Double Base Propellant for 125mm Tank ammn	PRO90582
18.	MIL	Penetrator Assembly for 125 mm FSAPDS Mango	PRO90583
19.	IOL	TRANSFORMER (AL5.720.031)	PRO47383
20.	IOL	MALE CONTACT (AL7.732.541)	PRO61377
21.	IOL	SPACER (AL7.840.554)	PRO61378
22.	IOL	SPACER (IUMK.713111.007)	PRO61380
23.	IOL	SCREW B.M1.6-6GX12.58.013	PRO61381
24.	IOL	NUT M1.6-6N.5.016	PRO61382
25.	IOL	WASHER 1.6.01.016	PRO61383
26.	IOL	RESISTOR (S2-36-0.125-30.1KOHM+/-5%-V)	PRO61384
27.	IOL	RESISTOR (S2-36N-0.125-43.2KOHM+/-5%-V)	PRO61385
28.	IOL	RESISTOR (S2-33N-0.125-100KOHM+/-2%-A-V-V)	PRO61387
29.	IOL	RESISTOR (S2-33N-0.125-562KOHM+/-2%-A-V-V)	PRO61388
30.	IOL	RESISTOR (S2-33N-0.125-3.01KOHM+/-2%-A-V-V)	PRO61390
31.	IOL	RESISTOR (S2-33N-0.125-4.32KOHM+/-2%-A-V-V)	PRO61391
32.	IOL	RESISTOR (S2-33N-0.125-27.4KOHM+/-2%-A-V-V)	PRO61392
33.	IOL	RESISTOR (S2-33N-0.125-30.1KOHM+/-2%-A-V-V)	PRO61393
34.	IOL	RESISTOR (S2-33N-0.5-2.74KOHM+/-2%-A-V-V)	PRO61394
35.	IOL	RESISTOR (SP5-2V-1W-22KOHM+/-10%)	PRO61395
36.	IOL	RESISTOR (S5-5V-2W-150OHM+/-5%)	PRO61396
37.	IOL	SPACER (AL7.840.618-01)	PRO61415
38.	IOL	RESISTOR (S2-33N-0.25-5.11OHM+/-2%-A-V-V)	PRO61417
39.	IOL	RESISTOR (S2-33N-0.125-3.92KOHM+/-2%-A-V-V)	PRO61418

40.	IOL	RESISTOR (S2-33N-0.125-7.5KOHM+/-2%-A-V-V)	PRO61419
41.	IOL	RESISTOR (S2-33N-0.25-243OHM+/-2%-A-V-V)	PRO61420
42.	IOL	RESISTOR (S2-33N-0.25-1KOHM+/-2%-A-V-V)	PRO61421
43.	IOL	RESISTOR (S2-33N-0.25-4.75KOHM+/-2%-A-V-V)	PRO61422
44.	IOL	RESISTOR (S2-33N-0.25-10KOHM+/-2%-A-V-V)	PRO61423
45.	IOL	RESISTOR (S2-33N-0.5-2KOHM+/-2%-A-V-V)	PRO61424
46.	IOL	RESISTOR (S2-33N-2-200OHM+/-2%-A-V-V)	PRO61425
47.	IOL	CAPACITOR (K73-16-63V-0.47MF-10%-V)	PRO61426

48.	IOL	PLUG (RP15-23SHB-B)	PRO59240
49.	IOL	FUSE (9S831.021)	PRO59176
50.	IOL	CONTACT (9S831.450)	PRO61127
51.	IOL	CONTACT (9S831.440)	PRO61128
52.	IOL	RESISTOR (S5-16MV-1Vt-0.1 OHM+/-10%)	PRO61457
53.	IOL	RESISTOR (S5-35V-25-100OHM+/-10%)	PRO61460
54.	IOL	CHOKE 0.050(KR6.050)	PRO61461
55.	IOL	COVER (9S.831.018)	PRO61468
56.	IOL	WING NUT (9S.831.470)	PRO61469
57.	IOL	CLAMP(9S.831.244)	PRO61472
58.	IOL	CONTACT (9S831.450)	PRO61475
59.	IOL	CONTACT (9S831.440)	PRO61476
60.	IOL	GASKET (9S.831.012)	PRO61477
61.	IOL	COVER (9S.831.234)	PRO61480
62.	IOL	WIRE MGTF 0.12	PRO61456
63.	IOL	COVER (BG29-4S005)	PRO61130
64.	IOL	COVER (BG29.003-01))	PRO61131
65.	IOL	GASKET (BG29004)	PRO61132
66.	IOL	GASKET (BG29005)	PRO61133
67.	IOL	GASKET (BU 81.039)	PRO61140
68.	IOL	LIGHT BLUE TAPE (GOST-16214-86)	PRO61144
69.	IOL	BEARING 5-7000101 GOST 8338-75	PRO47379
70.	IOL	various Fasteners GOST standard	PRO61122
71.	IOL	THERMAL RESISTOR (AL5.641.014)	PRO56512
72.	IOL	COIL (AL5.680.005)	PRO59224
73.	IOL	RESISTOR (SP5-21A-1-10KOM +/-0.5%)	PRO59230
74.	IOL	SCREW (AL8.900.627-01)	PRO61187
75.	IOL	CRAMP (IUMK.745371.001)	PRO61194
76.	IOL	NUT (M2-6N.5.013)	PRO61200
77.	IOL	WASHERS 3.65GO16, 4.65GO16, 8.65GO19, 3.01.05	PRO61202
78.	IOL	PIN 2.1.6X8.05	PRO61204
79.	IOL	PIN 2.2X8.05	PRO61205
80.	IOL	PIN 2.1.6X810.05	PRO61206
81.	IOL	SPACER (AL7.840.573)	PRO61211
82.	IOL	SPACER (AL7.840.626)	PRO61213

83.	IOL	WASHER 3.01.016	PRO61242
84.	IOL	RESISTOR (S2-33N-0.125-1KOHM+/-2%-A-V-V)	PRO61246
85.	IOL	RESISTOR (S2-33N-0.125-20KOHM+/-2%-A-V-V)	PRO61248
86.	IOL	RESISTOR (S2-33N-1.0-1KOHM+/-2%-A-V-V)	PRO61250
87.	IOL	RESISTOR (S2-33N-0.5-2KOHM+/-2%-A-V-V)	PRO61258
88.	IOL	RESISTOR (S2-33N-0.125-681OHM+/-2%-A-V-V)	PRO61259
89.	IOL	WIRE MGS HF 0.14	PRO61260
90.	IOL	MALE CONTACT (AL7.732.541-01)	PRO61400
91.	IOL	RESISTOR (S2-33N-0.125-3.92OHM+/-2%-A-V-V)	PRO61401
92.	IOL	RESISTOR (S2-33N-0.125-3.92OHM+/-2%-A-V-V)	PRO61406
93.	IOL	RESISTOR (S2-33N-0.25-6.19KOHM+/-2%-A-V-V)	PRO61407
94.	IOL	RESISTOR (S2-33N-1-1KOHM+/-2%-A-V-V)	PRO61408
95.	IOL	RESISTOR (S2-33N-2-301OHM+/-2%-A-V-V)	PRO61409
96.	IOL	BOARD (IUMK.687242.006)	PRO61411
97.	IOL	PLATE (IUMK.758723.007)	PRO61412

98.	IOL	CUP (AL8.210.368)	PRO61429
99.	IOL	STOP (AL6.278.098)	PRO61489
100.	IOL	RELAY (RVIN647614064-06)	PRO65867
101.	IOL	SPACER (AL8.686.729)	PRO61184
102.	IOL	CONNECTOR,PLUG,ELECTRICAL (ABO.364.047TY)	PRO56503
103.	IOL	SOCKET,PLUG-IN ELECTRONIC COMPONENTS (RP15-23GVV)	PRO56498
104.	IOL	SLEEVE (PB8.210.490-01)	PRO57444
105.	IOL	PLUG RP15-23ShV V	PRO61446
106.	IOL	BEARING 225-1000095K	PRO61447
107.	IOL	BEARING 5-640095	PRO61448
108.	IOL	TERMINAL BOARD (PB5.282.016)	PRO61453
109.	IOL	WIRE MGTF 0.07	PRO61455
110.	IOL	CONNECTOR,PLUG,ELECTRICAL (RG1N-13OUO364002TY)	PRO56499
111.	IOL	CONNECTOR,PLUG,ELECTRICAL (2PMDT45B50SH8B1B)	PRO56501
112.	IOL	CONNECTOR,PLUG,ELECTRICAL (2PMG22B10SH1E2)	PRO56502
113.	IOL	CONNECTOR, SOCKET (GEO.364.126 TY)	PRO56504
114.	IOL	PLUG (GEO.364.140TY)	PRO57394
115.	IOL	PLUG 2RMG22B10SHE2 (GEO.364.140TY)	PRO57433
116.	IOL	PIN (AL8.960.152)	PRO61192
117.	IOL	WIRE BPVL 0.35	PRO61439
118.	IOL	PRISM,OPTICAL INSTRUMENT (AL5.935.567)	PRO56510
119.	IOL	LEVER ASSEMBLY (AL6.354.344)	PRO60074
120.	IOL	DRIVE (AL6.337.197)	PRO60073
121.	IOL	PCB (IUMK435154003)	PRO60023
122.	IOL	INC PCB (46831607BB)	PRO58831

123.	IOL	PCB (IUMK434741001)	PRO60022
124.	IOL	PCB (IUMK.435.154.003)	PRO65864
125.	GSL	Fin Stabilizers with Controls	PRO56826
126.	GSL	Steering Gear System	PRO56817
127.	GSL	HP / LP Air Compressors	PRO56846
128.	GSL	Emergency Air Compressors	PRO58866
129.	GSL	COTS NAV radar	PRO58892
130.	GSL	ICCP System	PRO90576
131.	GSL	Echo Sounder	PRO0773
132.	GSL	Advanced Composite Communication System (ACCS)	PRO58871
133.	GSL	EM Log	PRO56848
134.	GSL	APMS + 2MSBs	PRO58863
135.	AVNL	DECONTAMINATION SET (TDP SET)	PRO47375
136.	BDL	Pressurized Missile Container	PRO15691
137.	BDL	Throat Insert Machining (C-Sic)	PRO11379
138.	BDL	P2 Igniter Assembly	PRO11376
139.	BDL	CM Missile Containers	PRO11381
140.	BDL	Carbon Silicon Carbide (C-Sic) Blocks	PRO11375
141.	BDL	MDN 250 Raw Material	PRO11371
142.	BDL	APC Coat - 219	PRO11373
143.	BDL	Paints (Air Craft Grade)	PRO11377
144.	BDL	Grit Blasting Primer Coating	PRO11378
145.	BDL	APC Coated Cambric cloth and Al Foil	PRO11374
146.	BDL	Pellets (BKNO3)	PRO11372
147.	BDL	PRESSURE TIGHT CABLES ASSEMBLY	PRO79677
148.	BDL	CABLE CV10	PRO79678
149.	BDL	CABLE CAVO CV8	PRO79679
150.	BDL	CABLE CAVO CV11	PRO79680
151.	BDL	CABLE CAVO 7	PRO79681
152.	BDL	CAVO CV9	PRO79682
153.	BDL	CABLE CAVO CV12	PRO79683
154.	BDL	CABLE CAVO CV5	PRO79684
155.	BDL	CABLE CAVO CV6	PRO79685
156.	BDL	9P56.01.040 (CRADLE BODY)	PRO78826
157.	BDL	9P56.02.010 (SWIVEL BODY)	PRO78827
158.	BDL	9P56.03.010 (SIGHT BRACKET)	PRO78839
159.	BDL	9P56.04.000 (TRIPOD)	PRO78849
160.	MDL	Shock mount	PRO57600
161.	MDL	Poly Chropene Rubber Band for Submarine	PRO 56866
162.	MDL	Soda Lime	PRO 63213
163.	MDL	GRP Panel	PRO 63243
164.	MDL	Magazine Fire Fighting System (MFFS)	PRO 57490
165.	BEML	PLATE	PRO64067

166.	BEML	DISC	PRO11300
167.	BEML	Floating Seal Assy	PRO11296
168.	BEML	Floatin Seal Assy	PRO11297
169.	BEML	CIRCUIT BREAKER - 5A	PRO1226
170.	BEML	GAS SPRING ASSEMBLY AS DRAWN	PRO79908
171.	BEML	GAS SPRING ASSEMBLY - OPPOSITE	PRO79909
172.	BEML	GAS SPRING ASSEMBLY OPPOSITE	PRO79910

Indigenization list with effect from Dec'2023			
SI No	Company Name	Product Description	Product Ref No.
1.	BEL	50KW AC DC Power Supply for Akash NG	PRO90551
2.	BEL	COMSIS	PRO90552
3.	BEL	24" Rugged Panel PC	PRO90553
4.	BEL	Industrial PC	PRO90554
5.	BEL	10.4" Rugged panel PC	PRO90555
6.	BEL	21.3" Rugged panel PC	PRO90556
7.	BEL	PSPU	PRO90557
8.	AWEIL	30mm Barrel Automatic Gun AO- 18	PRO57059
9.	AWEIL	84mm RL MKIII complete Barrel assembly	PRO57067
10.	MIL	Shell Filled for 84 mm Smoke	PRO90585
11.	MIL	Single Base Propellant for 125 mm Tank ammn	PRO90581
12.	IOL	MOTOR DPR-2-F1-13	PRO47396
13.	IOL	BEARING 25-1000093	PRO61432
14.	IOL	INSULATOR (AL7.890.074)	PRO61433
15.	IOL	SPACER (AL7.840.918)	PRO61434
16.	IOL	SEALING RING 6X2N068-1	PRO61435
17.	IOL	SPACER (AL7.840.810)	PRO61436
18.	IOL	RING (AL8.686.661)	PRO61438
19.	IOL	DC MOTOR DPM20-N1-08	PRO59233
20.	IOL	CONNECTOR, SOCKET (PG1H-1-3 OUO.364.002TY)	PRO59241
21.	IOL	CHASIS 9S831.071	PRO59929
22.	IOL	CHOKE (KR6.050)	PRO61124
23.	IOL	CABLE NO.1(9S831.510)	PRO61125
24.	IOL	PLUG (RMG24B19SH1V1)	PRO61465
25.	IOL	PLUG (SHRG36P53SH11)	PRO61466
26.	IOL	BODY (9S.831.201)	PRO61467
27.	IOL	CHASIS (9S.831.071)	PRO61470
28.	IOL	PLUG (9V.982.100-04)	PRO61479
29.	IOL	TRANSFORMER (IUMK.671121007)	PRO61459
30.	IOL	FRAME (BG29-4S260)	PRO61145
31.	IOL	PLATE (BG29 100)	PRO61146
32.	IOL	PLATE (BG29 220)	PRO61147

33.	IOL	BRACKET (BG29-4S002)	PRO61231
34.	IOL	BRACKET (BG29-4S003)	PRO61232
35.	IOL	MICROSWITCH (KM2-1OUO.360.011TY)	PRO47382
36.	IOL	SENSOR - 6S2.320.016-2TY	PRO61431
37.	IOL	MICRO SWITCH (PG311P2NV)	PRO59229
38.	IOL	BLOCK (AL6.730.560)	PRO59236
39.	IOL	WIRE MM-0.8	PRO61255
40.	IOL	BOARD (IUMK.687242.005)	PRO61398
41.	IOL	SLEEVE F-4D 1.0X0.2	PRO61410
42.	IOL	BODY (AL8.021.297)	PRO61416
43.	IOL	PLUG,ELECTRICAL (CSHPG28P7ESH9) ; ACL.P.434410.017TY	PRO56515
44.	IOL	PLUG (PSH2H-1-17 OUO.364.002TY)	PRO59242
45.	IOL	RESISTOR SP4-1V-0,25-47KOHM+/-20%-A	PRO61449
46.	IOL	TRANSFORMER T0.5-15	PRO61450
47.	IOL	RELAY RES-34 (RS4.534.370-05.01)	PRO61451
48.	IOL	SOCKET (RP15-23sHV)	PRO61454
49.	IOL	THERMO-RESISTOR ST3-17-330 OHM+/-20%	PRO61442
50.	IOL	TRANSISTOR 2T830G	PRO61443
51.	IOL	TRANSISTOR 2T3108A	PRO61444
52.	IOL	SOCKET (2RMT22KP310G1V1V)	PRO61445
53.	GSL	LED Lights & Fitting	PRO58865
54.	GSL	Indigenous torpedo Tube Launcher	PRO56843
55.	GSL	INS-SA Ring Laser Gyro	PRO56845
56.	GSL	Ship Weapon Interlock safety system (SWISS)	PRO56849
57.	GSL	SRGM	PRO56850
58.	GSL	AK 630	PRO56851
59.	GSL	EON 51	PRO56852
60.	GSL	Mooring & Towing fittings and Ropes	PRO90575
61.	GSL	Indigenous Rocket Launcher	PRO56842
62.	HAL	Eleven Servo Actuator Assembly	PRO56733
63.	HAL	Rudder Servo Actuator Assembly	PRO56737
64.	HAL	Sensor Assembly Rate [RSA]	PRO56738
65.	HAL	Multi-Function Display Unit [MFD]	PRO57810
66.	HAL	Sensor Assembly, Accelerometer [ASA]	PRO56731
67.	HAL	LP NGV-Locating	PRO90561
68.	HAL	LP NGV-Non Locating	PRO90562
69.	HAL	Beam Combiner	PRO58432
70.	HAL	Beam Combiner	PRO57554
71.	HAL	Power Supply	PRO61881
72.	HAL	Voltage control oscillator	PRO0683
73.	HAL	Power Supply	PRO61883
74.	HAL	Diffuser	PRO90558
75.	HAL	Intermediate Casing	PRO90559
76.	HAL	Diffuser Cover	PRO90560

77.	AVNL	Electric Motor to Drg. No. ED76 000GC for T -90 Tank	PRO0963
78.	AVNL	Synchororesolver 2.5W with Coupling Assembly	PRO0964
79.	AVNL	Installation of Tachogenerator Assembly	PRO0965
80.	AVNL	Rubber items of IGB T-90/T-72 Tank	PRO60616
81.	BDL	9X949.01.048 SHELL	PRO57298
82.	BDL	9M113M.04.00.040-01 14 PIN CONNECTOR (ADDITIONAL SOURCE)	PRO78454
83.	BDL	9M113.004.00.390 sb 18 PIN CONNECTOR (ADDITIONAL SOURCE)	PRO78451
84.	BDL	9B61M.220 CURRENT COLLECTOR - (ADDITIONAL SOURCE)	PRO78453
85.	BDL	9B61M.080 TRANSMITTER (Additional source)	PRO78450
86.	BDL	9M113M.00.00.120 CONTACT (SECOND SOURCE DEVELOPMENT)	PRO79997
87.	BDL	9M113M.04.00.120 LIMIT SWITCH(FOR SECOND SOURCE DEVELOPMENT)	PRO90014
88.	BEML	STEERING WHEEL	PRO63512
89.	BEML	Nylock Nut	PRO11278

Indigenization list with effect from Dec'2024			
SI No	Company Name	Product Description	Product Ref No
1.	BEL	X-Band 12W HPA MMIC	PRO90544
2.	BEL	C-Band Digital Phase Shifter	PRO90545
3.	BEL	C-Band SPDT Switch	PRO90546
4.	BEL	C-Band LNA BELN3019V1P	PRO90547
5.	BEL	C-Band LNA BELN3012V3P	PRO90548
6.	BEL	C-Band Driver Amplifier	PRO90549
7.	AWEIL	Impact Protection Muzzle	PRO57073
8.	AWEIL	Recuperator Spring	PRO57074
9.	AWEIL	WIRE RACE ROLLER BEARING TO DRG. NO. 3054115	PRO57136
10.	AWEIL	BEARING TO DRG. NO. 74716 KETY 500	PRO57119
11.	AWEIL	Actuator Spring	PRO57021
12.	AWEIL	Charging Valve Assy. To Drg. No. 2A46M.C60710C6	PRO57132
13.	AWEIL	RUBBER BUFFER TO PART NO. 5177384	PRO57469
14.	AWEIL	SHOCK CARTRIDGE TO ART. NO. 5187179	PRO57464
15.	IOL	PCB 9S831.360	PRO59904
16.	IOL	PCB 9S831.050	PRO59906
17.	IOL	PCB (R15M-35.240)	PRO61126

18.	IOL	PCB 0.050 (9S.831.050)	PRO61462
19.	IOL	PCB 0.060 (9S.831.060)	PRO61463
20.	IOL	PCB(R.15M-3S.240)	PRO61473
21.	IOL	PCB (BG-4S.110)	PRO61481
22.	IOL	PCB (BG-4S.120)	PRO61482
23.	IOL	PCB (BG-4S.130)	PRO61483
24.	IOL	BALLISTIC COMPUTER-BV1	PRO56907
25.	IOL	BALLISTIC COMPUTER-BV2	PRO56909
26.	IOL	BV-29 (EOI)	PRO61458
27.	IOL	DETECTOR FOR THERMAL IMAGING CAMERA	PRO56911
28.	IOL	MOTOR,TORQUE (TORQUE GENERATOR STATOR 1000)	PRO47388
29.	IOL	MOTOR,TORQUE (TORQUE GENERATOR STATOR 800)	PRO47395
30.	IOL	GYROCHASIS, AL5156009	PRO56901
31.	IOL	STABILIZER (GUNNER SIGHT)	PRO56905
32.	IOL	LIGHT SET,GENERAL ILLUMINATION (ILLUMINATOR - AJ5.142.320)	PRO47397

33.	IOL	CONTROLLED MECHANISM (AL6.063.271)	PRO56922
34.	IOL	LASER RADIATOR (AL5.008.008)	PRO56927
35.	IOL	SPEED GOVERNOR PCB (IUMK.468122.003)	PRO61210
36.	IOL	PCB (IUMK.758723.012)	PRO61235
37.	IOL	BOARD (AL6.672.428)	PRO61256
38.	IOL	PCB (AL7.814.369)	PRO61257
39.	IOL	PCB (AL7.102.912)	PRO61376
40.	IOL	PCB (IUMK.758713.0004)	PRO61399
41.	IOL	PCB (IUMK.758723.007)	PRO61413
42.	IOL	RELAY RPK-578	PRO61430
43.	IOL	MICROCIRCUIT 564IE15	PRO61484
44.	IOL	MICROCIRCUIT 564LE5	PRO61485
45.	IOL	MICROCIRCUIT 564TL1	PRO61486
46.	IOL	MICROCIRCUIT 564TM2	PRO61487
47.	IOL	MICROCIRCUIT 140UD5A	PRO61488
48.	IOL	COLLIMATOR (BL2.766.065)	PRO47390
49.	IOL	SENSOR BL5132045	PRO56497
50.	IOL	ELECTROBLOCK, BL2.300.041	PRO56902
51.	IOL	STABILIZER, BL2564018	PRO56904

52.	IOL	HEAD ASSEMBLY, BL3906063	PRO56912
53.	IOL	AIMING DEVICE, BL3812065	PRO56913
54.	IOL	PCB (BS6.672.257)	PRO61452
55.	IOL	BODY (COLIN) BL6.115.792	PRO61440
56.	IOL	ELECTROMAGNET (BL6.650.091)	PRO61441
57.	GSL	Galley Equipment	PRO90577
58.	GSL	LYNX U2 Gun Fire Control System	PRO56840
59.	GSL	Combat Management System (CMS)	PRO56822
60.	GSL	Shakti EW System	PRO56838
61.	HAL	Insert	PRO57399
62.	HAL	Low Voltage Power Supply Unit (LVPSU)	PRO58105
63.	HAL	ARMATURE	PRO57043
64.	HAL	Frequency synthesizer	PRO0661
65.	HAL	Low Voltage Power Supply Unit (LVPSU)	PRO60599
66.	HAL	High Voltage Power Supply Unit (HVPSU)	PRO58194
67.	HAL	SPRING	PRO58300
68.	HAL	VCO	PRO0713
69.	AVNL	FILTERING & VENTILATION SYSTEM TO DRG NO:675-71-SB6	PRO57246

70.	AVNL	SPRING ASSEMBLY 765-33-cd107	PRO47373
71.	AVNL	OPTICAL QUADRANT KO-60	PRO47374
72.	BDL	AMPLIFIER UNIT	PRO59203
73.	BDL	Tactics and Launching control system along with Junction box	PRO57869
74.	BDL	BATTERY T-493 ILEV.563223.010	PRO57228
75.	BDL	9M119.01.01.140 POWER CYLINDER	PRO57229
76.	BDL	LD 34.382.002 PUSHER TM-1(GYRO PYRO)	PRO57287
77.	BDL	War Head	PRO56811
78.	BDL	FLEXI CABLE LPmF 4 x 0.08	PRO56818
79.	BDL	FLEXI CABLE LPmFUm 10 x 0.08	PRO56820
80.	BDL	LD 34.334.013-01 PYRO PUSHER IGNITER	PRO57247
81.	BDL	LD 34.334.018 TD IGNITER	PRO57285
82.	BDL	LD 34.334.018-01 SUSTAINER IGNITOR	PRO57286
83.	BDL	WARHEAD	PRO57146
84.	BDL	KOE CHARGE(MOD)	PRO57147
85.	BDL	EKB -3A ELECTRIC INGNITER -PYROBOLT (FOR SECOND SOURCE)	PRO90018

86.	BDL	9X237-1 ERDL DRG 1093 ELECTRIC IGNITER(FOR SECOND SOURCE)	PRO90020
87.	BDL	9X284 ELECTRIC IGNITER (FOR SECOND SOURCE)	PRO90022
88.	BDL	LD.34.320.010 ELECTRIC IGNITER OF GYRO(FOR SECOND SOURCE)	PRO90023
89.	BDL	KOE POWDER IGNITOR	PRO57148
90.	BDL	9C474.00.040 CASING	PRO78169

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File No. 1(5)/2020/PMO/DP(PLG-V)(1)
Government of India
Ministry of Defence
Department of Defence Production
Defence Enclave, K.G. Marg, New Delhi – 110 001

March 28, 2022

OFFICE MEMORANDUM

In continuous pursuit of self-reliance in Defence Manufacturing and to minimize imports by DPSUs under 'Atmanirbhar Bharat Abhiyan', a list of One Hundred Seven (107) strategically important Line Replacement Units (LRUs)/ Sub-systems is hereby notified with a timeline beyond which there would be an embargo on their import. These will be indigenised in the coming years and will only be procured from Indian Industry after the timelines indicated against each of them in the list. The DPSU-wise and Timeline-wise list is placed at Annexure.

2. This list is the 2nd Positive Indigenisation List in continuation to the 1st DPSU PIL of 2851 Sub-systems/ Assemblies/ Sub-Assemblies/ Components which had been earlier notified by this office on 27 Dec 2021.
3. Indigenisation of these items will be through different routes of indigenisation by involving greater participation of Indian Industry.
4. DPSUs will work in close co-ordination with local industrial supply chain to ensure strict adherence to the stipulated timelines.
5. Necessary certifications/approval for all items included in the list shall be granted on priority by concerned stakeholders.


(Abhinay Srivastava)
Director (Indig)

Encl: Annexure

To

All Ministries/Departments of the Government of India

Copy to:

1. PS to Raksha Mantri
2. PS to Raksha Rajya Mantri
3. DA to Secretary (DMA)
4. PPS to Defence Secretary / PPS to Secretary (DP)/PPS to Secretary (DRDO)
5. PPS to Secretary (Defence Finance)
6. DA to CISC/MA to VCOAS/NA to VCNS/AA to VCAS/ MA to AS (DMA)
7. PPS to AS (DP)
8. JS (Army)/ JS (Navy)/ JS(Air)/ JS (Estt & Coord)/ JS (Works)
9. JS (LS)/ JS (NS)/ JS(AERO)/ JS (P&C)/ JS (DIP)
10. All CMDs of DPSUs

SI No.	DPSU	Name of Platform	Name of Platform/ Major LRU/ Sub-system	Timeline beyond which there will be an embargo on import
1	BEL	Embedded system	Single Board Computer (SBC) for RFPS - GBMES (IAF)	Dec-22
2	BEL	Electronic Warfare (EWA)	Attitude Reference Unit (ARU)	Dec-22
3	AVNL	T-90	Set for Cleaning Internal Space from Dust B.MTO.1	Dec-23
4	AVNL	T-90	Optical Sending Unit OD1-1C.000TY	Dec-23
5	AVNL	T-90	Bore Sighting Device YPB-125-01	Dec-23
6	AVNL	T-90	Stater Generator 18 KW	Dec-23
7	BEL	Electronic Warfare (EWA)	Digital Instantaneous Frequency Measurement (DIFM) for R118 system	Dec-23
8	BEL	Navigation and Stabilization	Gyro block T-72	Dec-23
9	BEL	Electronic Warfare (EWA)	Pressure Transducer for Air Data Computer (ADC)	Dec-23
10	BEL	Electronic Warfare (EWA)	ARINC 429 Module	Dec-23
11	BEL	Tank Electronic	Amplidyne for T-90	Dec-23
12	BEL	Electro optics & laser(EOL)	OFC Cable Assy.	Dec-23
13	BEL	RF/Microwave Component	Filter Tunable Nanopole	Dec-23
14	BEL	Radar	Line Interface and Detector Unit	Dec-23
15	BEL	RF Seekers	Phase Lock Di-electric Resonator Oscillator (PLDRO) for RF Seekers	Dec-23
16	GRSE	Bailey Bridge	5.3M Carriageway Single Lane Modular Steel Bridge	Dec-23
17	GRSE	Bailey Bridge	1.8M Wide Pedestrian Bridge	Dec-23
18	AVNL	T-90	Relay Regulator P15m	Dec-24
19	AVNL	T-90	Automatic Control Unit B13	Dec-24
20	AVNL	T-90	Alarm signaling unit BAC-6A	Dec-24
21	AVNL	T-72	Stater, Generator (T-72)	Dec-24
22	AVNL	T-90	Cooling System to Drg.No.188.31.SP-7	Dec-24
23	AVNL	T-90	Fire Fighting Equipment Set	Dec-24
24	AVNL	T-90	Pre Heating System of Tank Engine T-90	Dec-24
25	BEL	Antenna	9 M antenna system for KA-band	Dec-24
26	GRSE	Amphibious Vessel	Hovercraft	Dec-24
27	GRSE	All Warships and Fleet support Naval / Coast Guard Vessels	Active Tank Roll Stabilization System	Dec-24
28	MDL	Ships & Submarines	Helo Fire Fighting System	Dec-24
29	MDL	Ships & Submarines	Incinerator	Dec-24
30	MDL	Ships & Submarines	High Pressure water Mist System and aqua Foam Fire Fighting blanketing system for Bilges	Dec-24
31	AVNL	T-72	Pre Heater to Drg.No.172.36SP-4	Dec-25
32	AVNL	T-90	BH Elevation Drive 187.94.004SB-2	Dec-25
33	AVNL	T-90	Ventilation System (T-90) to drg.No.172.87SP-3	Dec-25
34	AVNL	T-90	UNIT PKUZ-1A AED1.570.001TY1	Dec-25

SI No.	DPSU	Name of Platform	Name of Platform/ Major LRU/ Sub-system	Timeline beyond which there will be an embargo on import
35	AVNL	T-72 & T-90	Link Loading Machine Assy	Dec-25
36	AVNL	T-72 & T-90	Gyro Compass , GPK 59 175.70.071CB	Dec-25
37	AVNL	T-72 & T-90	Gyro Direction Indicator (GDI)	Dec-25
38	AVNL	T-72 & T-90	Air Vent Valve Assy to drg.No.172.36.094CBCB	Dec-25
39	AVNL	T-90	7.62 mm PKT Gun	Dec-25
40	AVNL	BMP-II	Metallic Sectioned Ammunition Belt	Dec-25
41	AVNL	BMP-II	Gyro Drift Indicator GPK-59 127 TY	Dec-25
42	AVNL	T-72 & T-90	Fuel Pump Assembly	Dec-25
43	BEL	Artificial Intelligence	Deblurring mechanism using Peizo	Dec-25
44	BEL	EO	Goniometer	Dec-25
45	GRSE	All small Warships and Fleet support Naval / Coast Guard Vessels	Close-in Weapon System (CIWS) (30 mm Single Barrel Gun)	Dec-25
46	GRSE	Destroyers and Frigates	MR Guns (100 mm and above)	Dec-25
47	GRSE	All weapon intensive platform with under water role (Destroyer, Corvettes, Frigates, Mine Sweeper etc.)	Low Frequency Variable Depth Sonar (LFVDS) – Both Active / Passive	Dec-25
48	HSL	All Naval ships (24 Ships)	Hydrostatic Level transmitters	Dec-25
49	HSL	All Naval ships (24 Ships)	Float Level switches	Dec-25
50	HSL	All Naval ships (24 Ships)	Smoke/ Heat / Flame Detectors	Dec-25
51	BDL	Konkurs-M	OMA for Warhead	Dec-26
52	GSL	Fast Patrol Vessel	Transmission Gearbox	Dec-26
53	GSL	Offshore Patrol Vessel/ Fast Patrol Vessel	Controllable Pitch Propeller with shafting	Dec-26
54	HAL	Advanced Light Helicopter (ALH), Light Combat Helicopter (LCH) & Light Utility Helicopter (LUH)	Bearings	Dec-26
55	HAL	Advanced Light Helicopter (ALH)/ Light Combat Helicopter (LCH)	Solenoid Valve	Dec-26
56	HAL	Advanced Light Helicopter (ALH) / Light Combat Helicopter (LCH)	Electro Hydraulic Servo Valve (EHSV)	Dec-26
57	HAL	Light Combat Helicopter (LCH) & Advanced Light Helicopter (ALH)	Position Light (Red, Green & White)	Dec-26
58	HAL	Light Utility Helicopter (LUH)	Series Electro Mechanical Actuators	Dec-26
59	HAL	Light Utility Helicopter (LUH)	Alternator: 10 KVA	Dec-26
60	HAL	Light Utility Helicopter (LUH)	Antenna for HF System	Dec-26
61	HAL	Light Utility Helicopter (LUH)	Rescue hoist	Dec-26
62	HSL	FSS, LPDs	Stern gear polymer bearings	Dec-26
63	HSL	FSS, LPDs	At sea, Fuel replenishment and transfer Hoses with probes	Dec-26
64	HSL	FSS, LPDs	Cargo transfer pumps of different capacities for replenishment at sea	Dec-26
65	MDL	Ships & Submarines	Shafting and Propellers	Dec-26

SI No.	DPSU	Name of Platform	Name of Platform/ Major LRU/ Sub-system	Timeline beyond which there will be an embargo on import
66	MDL	Ships & Submarines	Packaging of Lithium Ion Battery modules & testing along with Battery Monitoring System for Submarines	Dec-26
67	MIL	70mm Rocket for Air Force	Rocket propulsion and Fuze Hardware	Dec-26
68	BDL	Astra	Inertial Measuring Unit (IMU)	Dec-27
69	BDL	Astra	DLRX RF Front End (Data Link Receiver)	Dec-27
70	BDL	Astra	Data Link Transmitter	Dec-27
71	BEL	EO	IDDCA (Integrated Detector & Dewar Cooler Assy 1280X1024)	Dec-27
72	BEL	Electronic Warfare (EWA)	DF Antenna Assembly for HF Band	Dec-27
73	BEL	Electronic Warfare (EWA)	Low Frequency EW Jammer Pod for Fighter Aircrafts	Dec-27
74	BEL	Electronic Warfare (EWA)	High power RF Switch (2KW)	Dec-27
75	BEL	Antenna	High power Rotary Joints for various Bands Radars	Dec-27
76	HAL	Advanced Light Helicopter (ALH) & Light Combat Helicopter (LCH)	Electronic Warfare Suite (EWS)	Dec-27
77	HAL	Light Combat Helicopter (LCH) & Light Utility Helicopter (LUH)	Health and Usage Monitoring System (HUMS)	Dec-27
78	HAL	Advanced Light Helicopter (ALH) & Light Utility Helicopter (LUH)	Active Vibration Control System	Dec-27
79	HAL	Advanced Light Helicopter (ALH)	Directional Infrared Counter Measure (DIRCM)	Dec-27
80	HAL	Light Combat Helicopter (LCH)	Target Acquisition and Designated Systems (Electro Optical Sighting System)	Dec-27
81	HAL	Advanced Light Helicopter (ALH) & Light Combat Helicopter (LCH)	Ground Proximity Warning System	Dec-27
82	HAL	Advanced Light Helicopter (ALH) & Light Combat Helicopter (LCH)	Flame Suppressor [On Board Inert Gas Generation System (OBIGGS)]	Dec-27
83	HAL	Advanced Light Helicopter (ALH), Light Combat Helicopter (LCH) & Light Utility Helicopter (LUH)	Emergency Locator Transmitter (ELT) System	Dec-27
84	HAL	Advanced Light Helicopter (ALH) & Light Combat Helicopter (LCH)	Infrared Suppressor System	Dec-27
85	HAL	Light Utility Helicopter (LUH)	NVG (Night Vision Goggles)	Dec-27
86	HAL	Light Utility Helicopter (LUH)	Emergency Floating System	Dec-27
87	HAL	Advanced Light Helicopter (ALH), Light Combat Helicopter (LCH) & Light Utility Helicopter (LUH)	Helmet Mounted Display System (HMDS)	Dec-27
88	HAL	Light Utility Helicopter (LUH)	Particle Separator	Dec-27
89	HAL	Light Utility Helicopter (LUH)	Automatic Flight Control System	Dec-27
90	MDL	Ships & Submarines	Electric Propulsion Motor (EPM) for Submarines	Dec-27
91	MIL	155mm Smart Ammunition	Proximity Fuze and Guidance System	Dec-27
92	MIL	Guided Aerial Bombs for Air Force	Fuze and Guidance System	Dec-27
93	MIL	Drone Delivered Ammunition	Delivery System with Homing & Guidance	Dec-27
94	BEL	Communication	Cognitive Radio	Dec-28
95	BEL	Radar	RM Blower	Dec-28
96	BEMIL	Armoured Recovery Vehicle	Thermo Press Floor Plates	Dec-28

SI No.	DPSU	Name of Platform	Name of Platform/ Major LRU/ Sub-system	Timeline beyond which there will be an embargo on import
97	BEML	Armoured Recovery Vehicle	Intermediate Gearbox with Pumps	Dec-28
98	BEML	Armoured Recovery Vehicle	Suspension of Support Wheel on Torsion Shaft	Dec-28
99	BEML	Armoured Recovery Vehicle	Pneumatic system	Dec-28
100	BEML	Armoured Recovery Vehicle	Night Vision Device PNK-72 Assembly	Dec-28
101	BEML	Armoured Recovery Vehicle	NBC Filtration System	Dec-28
102	BEML	Armoured Recovery Vehicle	Rope Pay Out Unit	Dec-28
103	BEML	Armoured Recovery Vehicle	Assembly of Auxiliary Winch	Dec-28
104	BEML	Armoured Recovery Vehicle	Main Winch Reducer	Dec-28
105	BEML	Armoured Recovery Vehicle	Main Winch	Dec-28
106	BEML	Armoured Recovery Vehicle	Hydraulic System	Dec-28
107	BEML	Armoured Recovery Vehicle	Crane TD 50	Dec-28