

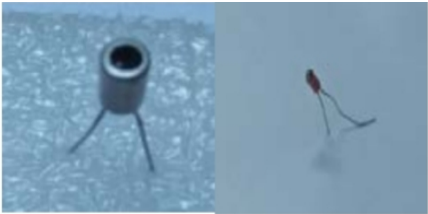


देशीकरण किये जाने वाले उत्पादों की सूची

क्र.सं	उत्पाद का नाम	फोटोग्राफ	विनिर्दिष्टताएँ	क्यू पी एस	पिछले तीन वर्षों के दौरान खरीदी गयी मात्रा	उद्यम के लिए ऑफर की गयी मात्रा	अन्य संबंधित विवरण
1	Incandescent Signalling LAMP		12V DC, 20 Watts Lumens required: 140 min. Operating temperature: -60°C to +85°C. Internal resistance without electrical load 05. to 1.0 Ohm Should withstand Mechanical & Environmental tests.	QUANTITY PER SET: 01 nos	7900	2000 Nos after NC-NC Deevaluation	
2	OKFOL Explosive Composition	Used in Warhead for Missile	OKFOL 3.5 (HMX+WAX). Shelf life 20 years min. Acceptance: Chemical Analysis Safety certification Performance analysis by penetration test Vendors must have valid license for handling / manufacturing and supply of explosive compositions, warheads and igniters etc.	2.5 kg NC	10000kg	6000 kgs after NC-Development	Vendors must have valid license for handling / manufacturing supply explosive compositions, warheads and igniters etc.
3	Sustainer Charge		Double Base propellant. NCNG composition. Pressure \leq 200Kgf/CM ² . Total Impulse \geq 230Kgf.Sec Minimum burning time 4.3 seconds Operating temperature -50°C to +50°C	QPS: 01	Nil	2000 Nos after NC-NC Development	Vendors must have valid license for handling / manufacturing supply explosive compositions, warheads and igniters etc




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4	LED 3L107B & Photo diode		<p>LED: Radiation power 9 mW min. Forward Voltage DC: 2V max. Radiation wave length: 940 - 965 nM Weight: 0.2 gm max</p> <p>Photo Diode: Darc Current: 0.1micro Amps max Operating voltage: 30V max Weight: 1 Gm max.</p>	QPS: 02	6600 No's	5000 Sets after NC-NC	
5	OMA Explosive Missile Composition	Used in Warhead for Missile	<p>OMA is an HMX based high explosive powder. Shelf life 20 years min Remark - Each private [individual] batch of composition OMA that is included in the batch, should be manufactured from the acrylic emulsion of same batch. Acceptance : Chemical Analysis Safety certification Performance analysis by penetration test Vendors must have valid license for handling / manufacturing and supply of explosive compositions, warheads and igniters etc.</p>	2.8 Kg	227780 kgs	6000 Kgs after NC-NC Deevaluation	Vendors must have license for handling / manufacturing supply explosive compositions, warheads and igniters etc.

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1	Igniters- Four types		Electric igniters with (a)Instantaneous Thrust (b&c) chemical delay mechnism(d) delay & Pressure.NFC:50mA for 5 minutes.Pulse(a)0.3A. (b,c&d) 1A for 10mSec.	(a)Gyro Pusher Igniter: 02 (b)Inductor Bush Igniter: 01 (c)Sustainer Igniter: 01 (d)Control Section Igniter: 01	5000 sets	2000 Sets after NC-NC Deevaluation	Vendors must have valid license for handling / manufacturing supply explosive compositions, warheads and igniters etc.
2	Flat flexi cables		Material: Conductors Pure soft annealed copper. Insulation: Film made of Polyimide resin duly bonded with fluoro plastic glue that should with stand at 400°Cfor 3 minutes Operating temperature ranges: A. -60°C to +125°C B. +400°C for a period of 3 minutes without repetitive usage. Operating electrical circuits: A. 10V AC, 8000Hz B. 100V AC, 3000Hz C. 150V DC	10x0.08 Variety: 1.26 met Length. 4x0.08 Variety: 500 mm Length	b) 2504 mts a) 5129 mts	1000 meters after NC-NC development	
3	Warhead		1. Tandem Warhead with SAM . 2. High Explosive(HMX based) filled Hollow shaped Charge(Cone shaped). 3. Intended to defeat ERA and RHA 4. Specifications: a. Length – 251mm b. Diameter-122mm c. Weight 4.9Kg Vendors must have valid license for handling / manufacturing,staorage and supply of explosive compositions, warheads and igniters etc.	QPS: 01	8000 nos	2000 Nos after NC-NC Deevaluation	Vendors must have valid license for handling / manufacturing supply explosive compositions, warheads and igniters etc

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क्र.सं	उत्पाद का नाम	फोटोग्राफ	विनिर्दिष्टताएँ	क्यू पी एस	पिछले तीन वर्षों के दौरान खरीदी गयी मात्रा	उद्यम के लिए ऑफर की गयी मात्रा	अन्य संबंधित विवरण
4	Thermal Battery		<p>TECHNICAL SPECIFICATIONS:</p> <p>Voltage on Load : 12 +3.5 / -1 Volts (11 to 15.5 Volts) for sec-I & II, 24 +7.0 / -2 Volts (22 to 31 Volts) for sec-III Load : Sec.I – 9.1 Ω, Sec.II- 9.1 Ω and For Sec.III–9.6Ω No. of Sections : 03 Mass : 125 gms. Maximum Insulation Resistance : not less than 40 M Ω under normal climatic conditions Igniter Resistance : 2.5 to 3.5 Ω Firing Pulse for Igniter : 500 mA for 10 2 mSec. Thermal Battery should withstand to 5500g</p>	QPS: 01	5000 No's	2000 Nos after NC-NC Deevaluation	
5	Knock-Out Engine (Charge)		<p>Double Base propellant. NCNG composition. Pressure 470Kgf/cm²max. Instantaneous burning. Operation time:30mSecmax. Operating temperature-50°C to +50°C.</p>	780 Gms	12,000 kgs	100 Kgs after NC-NC Deevaluation	Vendors must have valid license for handling / manufacturing supply explosive compositions, warheads and igniters etc
6	Warhead		<p>1. Tandem Warhead with SAM . 2. High Explosive(HMX based) filled Hollow shaped Charge(Cone shaped) 3. Intended to defeat ERA and RHA 4. Specifications: a. Length – 213mm b. Diameter-125mm Vendors must have valid license for handling / manufacturing and supply of explosive compositions, warheads and igniters etc.</p>	QPS: 01	4000 No's	2000 Nos after NC-NC Deevaluation	Vendors must have valid license for handling / manufacturing supply explosive compositions, warheads and igniters etc

संपर्क अधिकारियों का विवरण :

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