

# BEL OPTRONIC DEVICES LIMITED

(Govt. of India Enterprise, Ministry of Defence)

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- List of items for procurement

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Sr. No.	Item Description
1	<b>Abrasive Powders</b>
2	<b>Ball and Bush Bearings</b>
3	<b>Brazing Alloys / Metals</b>
4	<b>Ceramic Parts</b> - Ring / Tube / Envelope / Cell / Mould / Component-Metalized / Non-Metalized Type
5	<b>Chemicals Viz</b> - Acetone, Isopropyl Alcohol, Hydrochloric Acid, Hydrofluoric Acid, Nitric Acid, Sodium Hydroxide.
6	<b>Clean Room Consumables Viz.,</b> Clean Room Papers, Mats, Wipes, Cotton Sticks, Wooden Tips / Pricks, Sponges, Mops.
7	<b>Clean Room Garments Viz.,</b> - Apron, Coveralls, Shoes / Overshoes, Footwear, Jackets, Face Masks, Gloves (Nitrile / Biotac /Legion), Finger Cot, Head Covers
8	<b>Crucibles for Evaporation</b> - Crucible Liner (Tantalum / Inter metallic / Boron Nitride / Titanium Nitride / Titanium / Copper / Graphite / Molybdenum / Tungsten)
9	<b>Electronic Components Viz.,</b> - Transistors, Diodes, Zener Diodes, Light Emitting Diodes (LEDs), SMD Capacitors, Ferrite Cores, Bobbins, Transformer, Integrated Circuit, Connectors, SMD Resistor, Thermistor, Field Effect Transistor (FET), Metal Oxide Field Effect Transistor (MOSFET), - in Chip / Package / Array / Module Form
10	<b>Encapsulants Viz.,</b> - Room Temperature Vulcanisiers (RTVs), Epoxy, Polyurethane compounds, Polybutadiene Rubber, Araldite Mixer, Catalyst, Stycast, Hardner etc. and Primers thereof
11	<b>Gases Viz.,</b> - Nitrogen, Hydrogen, Helium, Zero Air, Argon, Acetylene, Argon + Hydrogen
12	<b>High Temp. Metals / Alloys Viz.,</b> ungsten, Tantalum, Titanium, Zirconium, etc. (In the form of - Sheet / Plate / Rod / Wire / Component / Flange)
13	<b>Graphite Jigs</b>
14	<b>Items for Optical and Mechanical Grinding, lapping and Polishing Viz.,</b> Abrasive bonded wheels, Abrasive Cloth based Polish Paper, Diamond Pellets, Diamond Impregnated tools, Diamond Slurry, Felt - Polyurethane / Polyester Type, Polishing Slurry, Lapping Oil, Desmopan
15	<b>Laboratory wares Viz.,</b> Beakers, Bulbs, Flasks, Tubes, Trays, Pipettes, Petri Dishes, Measuring Cylinders, Plates, Rings
16	<b>Liquid Nitrogen</b>
17	<b>Membrane Filters for Fluids incl. Gases</b>
18	<b>Optical Components / Accessories Viz.,</b> - Lens, Prisms, Filters, Mirrors, Graticules, Reticles, Resolution Targets, Filter Wheel, Objectives, Eye Pieces, Attenuators, Beam Splitter, Optical Rails, Optical Positioners, Optical Flats, Optical Reference Glasses, Collimators, Rubber Cap, Shutter, Iris, Diaphragm

Sr. No.	Item Description
19	<b>Personal Protective Equipment Viz.,</b> - Welding Protection Glass, Aprons, Masks, Gloves, Shoes
20	<b>Plastic Component-</b> Plastic Pistons, Accessories for Plastic Pistons, Plastic Assembles, Boxes, Cylindrical Container, Housing, Cover, Syringes, Adapter / Tip for Syringes, Cap, Sleeve / Tube (Shrinkable / Non Shrinkable); Boxes - Corrugated / Buffer Box
21	<b>Plastic Materials Viz.,</b> Teflon, Noryl, PVC, PVDF, Acetal, etc.
22	<b>Plastic Stickers / Labels</b>
23	<b>Printed Circuit Boards</b> - Glass Epoxy / Polyamide / Teflon Substrate /
224	<b>Quartz Crystals</b>
28	<b>Recorder Paper &amp; Pens</b>
29	<b>Resins for De-ionized Water Plant, Membranes for Reverse Osmosis</b>
30	<b>Sealing Glasses Viz.,</b> - Frit Powder, Frit Ring (In the form of - Powder / Ring / Pre-Form / Rod)
31	<b>Solder Materials Viz.,</b> - Tin-lead, Tin- Lead-Silver, Tin-Lead-Silver-Copper, Lead Free, Solder Flux / Solder Stop Fluid etc. (In the form of - Wire / Rod / Paste)
32	<b>Special Alloys of / Metals Viz.,</b> - Chromium, Nickel, Sealing Alloys, FeNico (Kovar), Invar, Molybdenum, Spring steel, Stainless steel, Titanium, Mu Metal, Beryllium-copper, Inconel, Monel, etc. Male/Female Plug, Foil (Aluminum/Copper/Mu metal/Tantalum), Nuts, Plate Nuts, Bolts, Screws, Feedthrough (In the form of - Sheet / Plate / Rod / Wire / Component / Flange)
33	<b>Special Purpose Paints, Plastic Sprays, Glues, Adhesives, Acrylic Resins, etc.</b>
34	<b>Tapes, Adhesive / Non-Adhesive</b> - Teflon / Polyester / Aluminum / Polypropylene / Fiber Glass / Plastic / PVC / Polyamide
35	<b>Temperature Sensors Viz.,</b> - Thermocouples, Resistor Temperature Detectors (RTDs), Thermowells, Silicon Temp. Sensors (In the form of - Wire / Tube / Plate / Module / Package with their Connectors)
36	<b>Thin Film Deposition / Sputtering Materials.</b> - (In the form of - Bead / Powder/ Granulate/ Granule/ Slug / Disk/ Paint/ Paste /Ingot / Rod)
37	<b>Wires &amp; Cables Viz.</b> - Copper - Single and Multi-strand, Silver Plated Copper, Tin Plated Copper With / Without Insulation
38	<b>Computer, Printer, UPS, Main. Free Batteries</b>