1.            MDL is constructing Warships & Submarines for Indian Navy based on orders placed by Navy. During Construction of Ship or Submarines a large no of items are required to be fitted in Ships & Submarines. These items are either sourced from Indian market or imported depending upon availability. These items are required to meet high quality standard & undergo stringent test & trials prior to fitment in Ship/Submarines.

2.             The requirements of these items are project based & not on continuous basis.  The items are procured through e procurement process. The requirement is uploaded in MDL website as and when required along with technical specification, quality & quantity requirement. From the list of items being imported , items which can be indigenized by MSME  are follows:-

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SNo | Item Description | Type | Capacity | Qty/ Ship |
| (a) | Ventilation Fan | Centrifugal/ Radial | 3000-10,000 CuM/Hr | 130 Nos |
| (b) | Smoke Extraction Fan | Centrifugal Type, 400°C for 1 Hr | 3000-6000CuM/Hr | 09   Nos |
| (c) | Smoke extraction Hose | Compressible Type, 400°C for 1 Hour | ø 300 , 6 Metres length | 19   Nos |
| (d) | RAS Hoses | Rubber Hoses as Def Standard | ø 100 , 6 Metres length | 05   Nos |
| (e) | Oily water Separator | Gravity Separation | 05 Cu.M/Hr, IMO Certified | 02   Nos |
| (f) | Bridge Window Glass | Root Opaque  Optically Transparent | Transmission 75%, Blast Pressure 2.1 Bar | 32 Nos |
| (g) | MCT Gland (Hybrid) | Hybrid Type | Fire Resistant, Air & Water tightness | 950 Nos |
| (h) | Fire Resistant Door | Fire Class B15 | Fire Resistant, Air & Water tightness | 10 Nos |
| (j) | Fire Resistant Panel | Fire Class B15 | Wall Mounted | 600 Sq.Mt |
| (k) | Pipe BulkHead Fittings | Hybrid Type | Fire Resistant, Air & Water tightness | 200 Nos |
| (l) | Flangeless Coupling | Grip Type | Fire Resistant, Water Test Pressure 20 Bar, | 450 Nos |

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Warm Regards

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