

Nomenclature and Drg. No.	Sub Assy	Manufacturing Technology and Testing/Inspection facilities required to produce the item. *	Must be possessed by the Vendor in his own premises (List of Plant & Machinery and Testing/Inspection facility to be submitted.	May be possessed by the Vendor in his own premises (or) may be outsourced (Name and address of sub-contractor, list of Plant & Machinery and Testing/Inspection facility to be submitted)	
1 CYLINDER FFE 155.59.233CB-1CB	a) Cylinder	Technology 1	Air Cylinder manufacturing	To be outsourced from reputed cylinder manufacturers having experience of manufacturing cylinders for T-72/T-90 Fire Fighting system etc with testing facility like a) Hydraulic Pr. Testing equipment capacity Upto 175 kg/cm2 b) Facility for hydrostatic stretch test 225 kg/cm2 c) Firm has to submit undertaking to arrange required test facilities as per QAP.	
		Technology 2	Varnish coating		
		Technology 3	Painting		
		Test/Inspection 1	Air tightness test facilities		
		Test/Inspection 2	Hydraulic Testing		
		Test/Inspection 3	Hydrostatic stretch test		
		Test/Inspection 4	Pressure and functional tests		
	b) Gas filling	Technology 1	Gas filling facilities	Compressed gas filling facility with experience of filling for Fire Fighting cylinders of T-72/T-90 Tank etc.	
		Technology 2	Varnish coating	Heat chamber (Min Temp. 120 deg C)/Min	
		Technology 3	Extinguisher gas	Certification for handling of extinguisher.	
		Test/Inspection 1		Extinguisher Gas Testing facility.	
		Test/Inspection 2		Gas leakage test in sea water	
		Test/Inspection 3	Pressure and functional tests	Firm has to submit undertaking to arrange required test facilities as per QAP.	

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		C)Head Body	Environmental testing		Head body to be outsourced from Defence/HVF approved source.
			Test/Inspection 1		Through NABL Accredited lab.
			Test/Inspection 2		Firm has to submit undertaking to arrange required test facilities as per QAP.
		d) Pressure warning device	Pressure and functional tests		To be imported from approved Russian OEM with CoC or procured from HVF against payment <i>is available</i>

\* If a particular technology as mentioned above is not available then vendor has to submit with justification, how the same will be manufactured.

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