

Technical Specifications

I. List of Items:

Sl No	Item Code	Description	Qty (Nos)
1	3820002649	DRY POWDER TYPE FIRE EXTINGUISHER 6KG	1080
2	3820002650	DRY POWDER TYPE FIRE EXTINGUISHER 9KG	923
3	3820002662	CO2 TYPE FIRE EXTINGUISHER 4.5KG CAP	1096
4	3820002637	FIRE EXTGSHR DRY POWDER TYPE 25 KG CAP	53

The above items are required at various areas of SCCL and successful bidder shall supply these items to various areas of SCCL as per delivery schedule.

i) The technical specifications for 4.5 Kg Capacity CO2 type fire extinguishers.

- CO2 type fire Extinguisher manufactured as per IS: 15683 of 2018 or later standard and also comply with DGMS (Approval) Circular No.2 Dt. 8th July 2013 or its revised version.
- The CO2 Extinguisher should be suitable for class B & C fire and also for fire involving electrical equipments.
- The cylinders used for fire extinguishers shall be approved by Petroleum and Explosive Safety Organization (PESO) Nagpur as per Gas Cylinder Rules 2004 and as per IS: 7285 of 2018 or later standard.
- The supplier shall furnish cylinder manufacturer test certificate & Hydraulic Test Certificate by BIS and certificate from Petroleum and Explosive Safety Organization (PESO), Nagpur along with supplies.
- The body should be made of quenched seamless steel confirming to IS 7285 or later standard.
- The extinguisher should be provided with squeeze grip nozzle.
- The extinguisher should be filled with CO2 confirming to IS 15222 of 2002 or later standard with certificate.
- Guarantee: - The items should be guaranteed for a period of 24 Months from the date of receipt and acceptance at SCCL stores.

ii) The technical specifications for 6 Kg 9 Kg and 25 Kg Capacity DCP type fire extinguishers.

- Dry Chemical powder fire extinguishers (Cartridge type) with fire rating ABC manufactured as per modified IS: 15683 of 2018 or later standard and also comply with DGMS (Approval) Circular No.2 Dt: 8th July 2013 or its revised version.
- The neck ring, cap, plunger, cartridge holder, piercer, siphon tube should be of brass or steel.
- It should be filled with ABC dry chemical powder, manufactured as per IS 4308: 2019 or later standard.
- The CO2 Cartridge shall confirm to IS: 4947 of 2006 with IS mark or later standard.
- The outlet connection, seating device and other parts in the CO2 cartridge should be of non-ferrous or steel as per IS:3224 : 2021 or later standard.
- Guarantee: The items should be guaranteed for a period of 24 Months from the date of receipt and acceptance at SCCL stores.

Sub: Refilling and recharging of various capacities of CO₂ & ABC Dry chemical powder
Fire Fighting Extinguishers under CMC

SPECIAL TERMS & CONDITIONS

S. No.	Other Terms and Conditions
1.	The requirement of the above is on need base, as and when used in emergency.
2.	A joint inspection report shall be made before collecting the Fire extinguishers at stores for parts to be replaced.
3.	Firm should collect and deliver the Fire extinguishers at respective stores of SCCL.
4.	Any spares like Hoses, Valves in place of missing or damaged are to be replaced at the cost as applicable. Firm should quote prices for the required spares.
5.	Evaluation of the offer for L1 status will be arrived by considering the landed cost of refilling and the spares cost indicated against each item in the Price Bid.
6.	Firm Shall supply PESO Registration certificate / License copy while participating in tender
7.	<u>Hydraulic Pressure Test:</u> As per requirement from respective stores, the firm shall conduct Hydraulic Pressure test of each cylinder for one and half times to working pressure and the authentication certificate shall be tag to the tested cylinder. Without test certificate, the Hydraulic test of any cylinder is considered not valid.

Note:

- **Re-filling Fire extinguisher cylinders shall have PESO Certificate. L-1 Firm shall submit copy of the grant of Recognition from the Explosive department (PESO) in the Name of bidder for CO₂ cylinders and gas Cartridges at the time of Delivery**
- **The extinguisher should be filled with CO₂ confirming to IS 15222 of 2002 or later standard with certificate (Upload any latest BIS Standard from Official Web site).**
- **The extinguisher should be filled with ABC dry chemical powder, manufactured as per IS 4308: 2019 or later standard with certificate (Upload any latest BIS Standard from Official Web site).**
- **The bidders shall submit the IS 15222 of 2002 or later standard with certificate for filling of CO₂ / ABC dry chemical powder as per IS 4308: 2019 or later standard certificate along with the offer.**
- **The L-1 Firm shall submit the Valid IS 15222 of 2002 or later standard with certificate for filling of CO₂ / ABC dry chemical powder as per IS 4308: 2019 or later standard certificate along with supplies.**