2 4 ين Conformity product/gadget/equipment Nomenclature/ Technical Para ^meter Configuration/ Description Mounting type Name of High pressure water mist CAF fire extinguisher Back- To be checked physically by BOOs be extinguisher shall be confirmed pressure vessel 9/10 ltrs and air cylinder. pack type, ultra light, Carbon composite with Pet liner at vender site 7.1.2, 7.2, 7.3, 7.4, 8.1, 8.2, 9.2, 10.1, 10.2, 10.3, 10.4, 10.5, 10.6.1 & 10.6.2, 14.1, 14.2, 15.2, 15.3, 16.1, 16.2) clauses (3.2, 3.15, 4.2, 4.3, 4.4, 4.5, 6.1, 6.2, 6.3, 7.1.1, 7:2004+A1:2007-08 standards The complete system shall applicable for the complete system." of EN 3 - 7:2004 + Al: 2007-08 (E) Standard mandatorily nationally accredited laboratory for compliance to all 30 The Water Mist & CAF(Back Pack) high pressure To be checked and verified with Backpack shall be supplied with air cylinders. materials used shall be of fire retardant type. Backpack backpack and a handle to be carried by hand. All for comfort, provided with shoulder pads for carrying as a BOOs. It shall be mounted on a sturdy frame suitably cushioned To be checked physically by the tested for compliance from an internationally/ Q RS/S ECIFICATION ASF Ø FIRE DIRECTORATE ð EN 3- relevant EN certificates. Fitment to be checked physically. **Trial Directive**

TRIAL DIRECTIVE (TDs) OF WA TER MISTEX TINGUISHER 09/10 LTRS CAPACITY (BACK PACK TY PE/ HIGH PRESSURE)

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Technical Parameter	Characteristics of extinguishing medium of AFFF Compound with infrared spectrogram (to be furnished).	Pressure Vessel Material & Capacity (Nominal Charge)	Minimum wall thickness of pressure vessel (mm)	Extinguishing gun material	Weight of extinguishing gun.	Length of standard of Hose for backpack system	Weight of fully charged Backpack system	R N N N N
QRs/ specification	Characteristics of extinguishing medium of Special AFFF Compound shall be- Density : 1.04 (kg/cm ³ , Viscosity : 1.35 (m ² /s, pH Factor 7.8, Refractive Index 1.34 @ 20 +/- 2 ^o C (accredited laboratory test report required)	Ultra light Carbon Composite with PET Liner of 9/10 liter capacity.	Minimum wall thickness of pressure vessel should be 5 mm	Stainless Steel	Shall not more than 750 +/-50 gram.	Hose shall be EN marked, not less than 1.3 meters for backpack system.	Weight of fully charged Ultra light Carbon composite with PET liner Backpack system shall be not more than 20kg.	De de la de
Trial Directive	To be verified with relevant certificates from Govt approved lab.	To be physically checked and verified with relevant certificates by the BOOs.	To be checked and verified with relevant certificates.	To be checked and verified with relevant certificates.	To be checked physically by BOOs.	To be checked physically and verified with relevant certificates by BOOs.	To be checked physically by BOOs.	R

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FRFO RMANCE :-18 17. SI. 19. 22. 21. 20. 23 **Technical Parameter** Fire Rating High Pressure Type Operating temperature Air Cylinder pressure (Bar) Air Cylinder Capacity (Ltrs) Minimum operating time Lancing Distance of Gun 2 litre 300 bar System shall be designed for 60° C or more and minimum 5° C or less and certified by the manufacturer as per More than 15 +/-2 meter of EN 3 - 7:2004 + Al: 2007-08 (E) Standard.) ≥ 37.6 Bar be considered as high pressure for as per clause No. 3.15 High Pressure Type (Dynamic Operating pressure to be 25 +/-2 second for Ultra-light Carbon composite with PET Liner vessel tested in the accredited laboratory test report which will relevant EN certificates extinguishing medium as per accredited laboratory test Electric suitability) with commercial brand name of fire AFFF Compound for backpack 55A, 233B, E1000V (Die relevant certificates of EN. Class A, Class B and Electrical Fire Rating with Special the accredited test report for backpack system Clause 7.4 of EN 3-7:2004+A1:2007-08 standards as per report for Backpack System. C or less and certified by the manufacturer as per relevant certificates. 0 **QRs/** Specification To be checked and verified with To To be checked and verified with To be checked physically by BOOs. To be tested physically by BOOs. To be tested physically by BOOs. To be checked physically by BOOs be checked and verified with **Trial Directive**

CISE

FIRE

DIRECTORATE

31. ancy ingla Member AC/SSB IG(Fire)/CISF (Member) AIG/Fire(CISF) Member Pre dispatch inspection (Rajnath Singh) (A.K. Vernia) Team Comdr/NSG ,Member upure, Pre Dispatch Inspection (PDI) of product shall be carried To be carried out by CISF Fire officers as per specification, at the vendor's site. vendor site where all the testing facilities are available. (Na resh Namdev AC/ITBP Member (Neeraj Shahi) (Alok Kumar Pateria) AC/CRPF Member ক্রিমেরি জীব্বনিক দ্রুবেলা বল Central industrial Security Force গুরু বঁহালের / Ministry of Home Affairs লা বিল্লী-110003 / New Deihi-110003 RECOND SDG(HQ)/CISF Chairman J SIJ NUEST Director General (Kailas h Yadav) FIRE DC/BSF Member DIRECTORATE (Prashant Lonkar) Scientist (E)/DRDO Co-opt Member (S.K. Tomar) DO/DFS REAL (Udayan Ban erjee) IG(Adm)/CISF (Member) Sound Co-opt Member out by (Dr. M. M. Gosal SSO(T)BPR&D BOOs at Member 6