

APPENDIX-B**SCHEDULE OF THE EQUIPMENT TO BE SUPPLIED WITH THE APPLIANCE**

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| 1. Extension ladder: 10.5m (see BIS:4571-1977 or BIS: 930-1977) | : 01 no. |
| 2. Armoured suction hose complete with round thread couplings to suit the pump inlet – 2.5 mtr long (see BIS:2410-1963 & BIS:902-1974) | : 04 length |
| 3. Delivery hose 63 mm rubber lined in 30 mtr. length (see type 2 of BIS: 636-1979) complete with instantaneous coupling (see BIS 903-1975) | : 10 length |
| 4. Suction strainer for item 2 (BIS: 907-1965) | : 01 |
| 5. Basket strainer for item 2 (BIS: 3582-1966) | : 01 |
| 6. Dividing breaching made of light alloy (BIS: 5131-1969) | : 02 |
| 7. Collecting breaching made out of light alloy (BIS: 905-1980) | : 02 |
| 8. Suction wrenches (BIS: 4643-1968) | : 01 pair |
| 9. Long line 50mm circumference 30m long (BIS: 1084-1969) | : 02 length |
| 10. Short lines 50mm circumference 15m long (BIS: 1084-1969) | : 02 length |
| 11. Hose Bandages, rubberized (BIS: 5612-part I 1977) | : 12 |
| 12. Hose clamps (BIS: 5612-part II 1977) | : 06 |
| 13. Hydrant valve key and bar (BIS:910-1980) | : 01 set |
| 14. Protective clothing for firemen complete with gloves, boots, helmets with suitable face shield made out of material capable of reflecting at least 95 percent of radiant heat temperatures around 1500 to 2000° C and also afford some protection against direct flame. The suit will be of sufficient size to accommodate a breathing apparatus to users. | : 02 set |
| 15. Fog Nozzle branch (BIS:952-1969) with extension applicator with fog head | : 02 |
| 16. L.P Hand control branch for 63mm size hose coupling | : 02 |
| 17. Diffuser branch for 63mm size hose coupling | : 02 |
| 18. Quicklet branch for 63mm size hose coupling | : 02 |
| 19. Short branch for 63mm size hose coupling | : 04 |
| 20. Long branch for 63mm size hose coupling | : 02 |
| 21. Foam making branch 20 X with pick up tube for 63mm size hose coupling | : 02 |
| 22. Foam making branch 10 X with pick up tube for 63mm size hose coupling | : 02 |
| 23. Foam making branch 5 X with pick up tube for 63mm size hose coupling | : 02 |
| 24. Medium foam expansion Generator (MX) | : 01 |
| 25. Branch with revolving head for 63mm size hose coupling | : 02 |
| 26. Branch pipe (BIS:903-1975) | : 04 |
| 27. Nozzle of size 12mm, 16mm, 20mm & 32mm (two each) (BIS:903-1975: 10 | |
| a) Adaptor for 100mm suction female screw coupling and 63mm male Instantaneous. | : 02 |
| b) Adaptor double female Instantaneous pattern 63mm | : 02 |
| c) Adopter double male Instantaneous pattern 63mm | : 02 |
| 28. Nozzle spanner (BIS:903-1975) | : 02 |
| 29. Portable electric box lamp with rechargeable accumulator | : 02 |
| 30. Hand lamp (Torch – 4 cell) | : 02 |
| 31. Flame proof lamp (useable in the present of inflammable gases or vapour | : 02 |

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32. First-Aid box for 10 persons	: 01
33. Rubber gloves (BIS:4770-1968)	: 05 pair
34. Large Axe (BIS:703-1966)	: 02
35. Spade	: 01
36. Pick Axe (BIS:273-1973)	: 01
37. Crowbar (BIS:704-1968)	: 02
38. Sledge hammer 6.5 kg (BIS:841-1968)	: 01
39. Carpenter's saw 60cm (BIS:5098-1964)	: 01
40. Hydraulic jack 15 ton capacity	: 01
41. Fire hook (BIS:927-1981)	: 02
42. Tool kit	: 01

NOTE: THE EQUIPMENTS SHOULD BE SUPPLIED AS PER LATEST REVISION OF BIS SPECIFICATION.

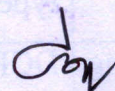
29/11/20

महायुक्त कमाण्डेंट/आग्नि
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TECHNICAL SPECIFICATION FOR COMBINED FOAM TENDER

01	CHASSIS TYPE	LPT 1613-4225 MM WB with 07 Nos. of tyres size 10x20-16 PR
02	PUMP	
	TYPE	Centrifugal fire pump
	MATERIALS	A) casing- Gun metal IS-318 B) Impeller-Gun metal C) Pump shaft- Stainless steel
	Mounting	Rear of the appliances
	Discharge capacity	2250 lpm@ 7 kg/cm ²
	Suction lift	7.0 mtrs. maximum
03	Primer Type	EXHAUST EJECTOR/WATER SEAL
	Priming capacity	7mtrs within 30 sec
04	Power take off Type	The PTO shall be of reputed make, heavy duty type of suitable ratio capable of transmitting the full torque of engine in the first gear.
05	Cooling system	Indirect cooling system
06	Water tank Capacity	4500 ltrs(approx)
07	Foam compound tank Cap	800 ltrs
08	Foam compound proportionate inductor Type	Round the pump proportioner
09	Foam /water monitor Discharge rate ,Type	1400 lpm @7 kg/cm ² of water, Self aspirating type
10	DCP Extinguishing agent	DCP 50 kg x 2 Nos. with hose pipe
11	Co2 extinguishing agent	02 Nos. Co2 cylinders of 22.5 kg. cap

12	Hose reel quantity, Type	One, First Aid type
13	Control panel	Automatic primer control Gauge for cooling water Water level indicator
14	Driver cab and body work type, Doors, Seat	Enclosed Single compartment closed type, Two on each side, Total seven persons
15	Ladder Gallows	To Carry 10.5 mts extension ladder
16	Hose Tunnels	Carry 04 Nos. of 2.5mts long suction hose
17	Stability	30 degree
18	Electrical System	Standard fittings, electrical wiring, fuse box will be provided.
19	Workmanship & finish	Good workmanship and streamlined finish. The appliance shall be painted in FIRE RED make conforming to shade no.536 of IS:5-2007
20	Marking	Fire vehicle shall be clearly and permanently marked the following information. 1. Manufacturer's name 2. Capacity of pump 3. Capacity of water tank 4. Capacity of Foam tank 5. Year of manufacture 6. Foam discharge rate.



 28/11/22

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