

SPECIFICATIONS SHEET

Sr. No.	Description	Quantity
1.	▪ Metal Sheathed Heating Cables Mineral Insulated heating cables with SS metal sheath Heating Element: Nickel Chrome Alloy Element Diameter: 6.6mm Electrical Insulation: Magnesium Oxide Max. withstand Temperature: 1000 °C Power/length: 200W/m Connector: Water Proof Cold Tail: 0.5 meter on both side With PG 11 Threaded Glands Length: 35 meter Power: 9.5-10.0 kw (220V)	20 Nos.
2.	▪ Metal Sheathed Heating Cables Mineral Insulated heating cables with Inconel-600 metal sheath Heating Element: Nickel Chrome Alloy Element Diameter: 6.6mm Electrical Insulation: Magnesium Oxide Max. withstand Temperature: 980 °C Connector: Water Proof Cold Tail: 0.5 meter on both side With PG 11 Threaded Glands Power Density ≤250watt/m Heated Length: 12 meter approx. Power: 2-3 Kw (220V)	10 Nos.
3.	▪ Silicon Rubber Heater Power: 700-800 Watt, 220 V Size: 24 in. x 12 in. With internal thermocouple With PTFE Leads (Length= 3ft) Make: ISCHEAT/Watlow/Wattco or equivalent Note: Attach technical datasheet & Literature (Detailed specifications with pictures) with quotation in English language.	05 Nos.

Note: Item No. 1-3 may be quoted as per Specs and drawing attached a Annexure - B.

SPECIFICATION SHEET

S. No.	Description	Qty. Req.
4-	TUBULAR HEATERS <ul style="list-style-type: none"> Mineral Insulated heating cable with Inconel-600 metal sheath Heating Element = Nickel Chrome alloy Electrical insulation = Magnesium Oxide Max. Temperature = 1000 °C or nearest Dimension (Dia) = ϕ 6.5 mm or nearest Connector = water proof Cold End = 2 X 500 mm or nearest Threaded Gland = PG 11 Electric Load = 9500 W 220V, 50Hz Length = approx. 35 meter 	20 Nos.
5-	HEATING TAPES <ul style="list-style-type: none"> Heating Element: Nickel-Chrome alloys Electrical Insulation: Magnesium oxide Outer Sheath: Inconel-600 Carrier: Stainless steel Mesh Maximum withstand temperature: 800 °C Minimum Pipe Temperature: 40 °C Maximum Pipe Temperature: 625 °C Electric Load = 2324W, 220V, 50Hz Length = approx. 7.75meter 	15 Nos.

Item No. 1 - 3 may be quoted as per drawing attached at Annexure-B.

Make: (i) For Item No. 1-3 ISOHEAT/ Watlow / Wattco or Equivalent

(ii) Make of Item No. 4-5 King Wing China or Equivalent

Equivalent Make / Model can be quoted too.

Technical literature / Operation & maintenance manuals (where applicable) in English language must also be provided.

Annexure B

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HEATING CABLES



Notes:

- Mineral Insulated Heating Cables With SS Metal Sheath
- Heating Element = Nickel Alloy
- Electrical Insulation = Magnesium Oxide
- Max. With stand temp = 1000°C
- Power/length = 200 W/m (approx.)
- Dimension = ϕ 6.6 mm
- Connector = Water Proof
- Cold Tail = 0.5 meter on both sides
- With PG 11 Threaded glands
- It should be wrapped easily on a pipe of minimum Dia 8"