

Annexure to Tender No.65.12.8073
Specification for Induction Heater Cap.11KVA Model No.HIB-03
of Inventum Engineering Co. or similer

1) Major Parameter

- i) **Maximum rated Power-** 11KVA
- ii) **Input Voltage-**2 phase x 440V AC.
- iii) **Max. Operating current-** 28 Amp.
- iv) **Residual Magnetism-** Less than 2A/cm.
- v) **Space between vertical support (wxh)-** 310 x 185 mm.
- vi) **Overall dimension (w x d x h) -** 610 x 320 x 410 mm.
- vii) **Weight (Main unit) -** 87 kgs. (Max.)
- viii) **Weight with std. Yoke –** 112 Kgs. (Max.)
- ix) **Standard horizontal Yoke size –** 80 x 80 x 490 mm.
- x) **Control unit -** Microprocessor based electronic control.

2) Minor Parameter

- i) Power level – Variable in step of 25%, 50%,75% and 100% Power.
- ii) Temperature control – 50°C to 250°C using micro processor based circuit, adjustable in steps of 1°C and accuracy $\pm 5^\circ\text{C}$.
- iii) Time control – 0 to 99 min. adjustable in steps of 0.1 minute.

3) Concomitant accessories

- i) Horizontal yoke size –
 - a) 80 x 80 x 490 mm = 01 No.
 - b) 65 x 65 x 490 mm = 01 No.
 - c) 50 x 50 x 490 mm = 01 No.
 - d) 40 x 40 x 490 mm = 01 No.
- ii) Special equipment trolley – 690 x 530 x 355 mm.= 01 No.
- iii) Hand held digital Thermometer – DT-01 (0 to 500°C) = 01 No.

4) Optional accessories

- i) Temperature probe with cable & socket - 01 No.
- ii) Hand gloves – 02 Pairs.

5) Spares

- i) main PCB Card-01 No.
- ii) ON / OFF Switch -01 No.

6) AMC Required – No.

7) Warranty requirement – As per IRS condition .

8) Special requirement

- i) Installation and commissioning –With in one month.
- ii) Training – Learning & tranning to staff.
- iii) Maintenance manual- 02 Sets.
- iv) Parts catalogs – 02 Sets.