



AN ISO 9001
COMPANY

Bharat Heavy Electricals Limited
(A Govt. of India Undertaking)
High Pressure Boiler Plant, Tiruchirappalli 620 014, India
Phone: (0431) 2577645
Fax: (0431) 2520719
e mail : pgavictor@bheltry.co.in

Ref: 2661500228/75
Date: 18.07.2015

CORRIGENDUM No. 1

With reference to BHEL enquiry ref: **2661500228 - 75 Dt. 29.06.2015**, hosted in BHEL & NIC Portal on 17.06.2015 vide reference: NIT - 23187, for our requirement of **dry transformer capable of delivering 8000 A current**

Following amendment for The specification for item no 10 in the subject enquiry will be applicable:

OLD TEXT	NEW TEXT
<p>Item description : Dry type transformer capable of delivering 8000 A for MPI testing</p> <p>TECHNICAL DATA:</p> <p>1) Application : Magnetic Particle Material Inspection (Primary will be controlled through SCR firing controller)</p> <p>2) Capacity: 160 KVA (considering max RMS current) approx - Vendor to specify</p> <p>3) Input (Primary) Voltage : 415V AC +/- 10 %,</p> <p>4) Input frequency: 50 Hz</p> <p>6) Output (Secondary) Voltage : 20V</p> <p>7) Output Current : 8000A RMS max</p> <p>8) Operational criteria : Not a continuous operation w.r.t MPI testing.</p> <p>The machine shall be operated 12 hours in a day delivering 8000 A current.</p> <p>9) Core Material: CRGO material</p> <p>10) Winding & its Material : Electrolyte Copper, Primary and secondary are to be isolated</p> <p>11) Insulation: Class H</p> <p>12) Cooling: Natural Air</p> <p>13) Ambient conditions: 50 deg. C and 90% RH humidity max.</p> <p>14) Construction</p> <p>14 - A Chassis mounted , Open Type</p> <p>14 - B Earthing provision of the core to be provided.</p> <p>14 - C Lifting arrangement to be provided.</p> <p>15) Connection Primary Side : Bolted with suitable size lugs.</p> <p>16) Connection Secondary Side : Copper Busbar with multiple holes of suitable size. Primary and secondary connections shall be on opposite sides.</p> <p>17) Inbuilt "Thermistor Winding Temperature Relay" should be provided.</p> <p>18) Temperature Rise : 90 deg.C in Air Approx</p> <p>19) Efficiency At UPF and at 100% load : Not less than 98 %</p> <p>20) Dimensions : 1.25ft x 1.25ft x 1.25ft Approx(Vendor to specify)</p>	<p>Item description : Dry type transformer capable of delivering 8000 A for MPI testing</p> <p>TECHNICAL DATA:</p> <p>1) Application : Magnetic Particle Material Inspection (Primary will be controlled through SCR firing controller)</p> <p>2) Capacity: 160 KVA (considering max RMS current) approx - Vendor to specify</p> <p>3) Input (Primary) Voltage : "415VAC +/- 10%, line to line (2Phase)</p> <p>4) Input frequency: 50 Hz</p> <p>6) Output (Secondary) Voltage : 20V</p> <p>7) Output Current : 8000A RMS max</p> <p>8) Operational criteria : Not a continuous operation w.r.t MPI testing.</p> <p>The machine shall be operated 12 hours in a day delivering 8000 A current.</p> <p>9) Core Material: CRGO material</p> <p>10) Winding & its Material : Electrolyte Copper, Primary and secondary are to be isolated</p> <p>11) Insulation: Class H</p> <p>12) Cooling: Natural Air</p> <p>13) Ambient conditions: 50 deg. C and 90% RH humidity max.</p> <p>14) Construction</p> <p>14 - A Chassis mounted , Open Type</p> <p>14 - B Earthing provision of the core to be provided.</p> <p>14 - C Lifting arrangement to be provided.</p> <p>15) Connection Primary Side : Bolted with suitable size lugs.</p> <p>16) Connection Secondary Side : Copper Busbar with multiple holes of suitable size. Primary and secondary connections shall be on opposite sides.</p> <p>17) Inbuilt "Thermistor Winding Temperature Relay" should be provided.</p> <p>18) Temperature Rise : 90 deg.C in Air Approx</p> <p>19) Efficiency At UPF and at 100% load : Not less than 98 %</p> <p>20) Dimensions : 1.25ft x 1.25ft x 1.25ft Approx(Vendor to specify)</p>

&

The tender due date for submission of offer has been extended to 14 hrs of 29.07.2015. Tender will be opened at 14:30 hrs of 29.07.2015

Tender /Eng No.	Original due date	Extended due date after 1st extension
2661500228-75	22.07.2015	29.07.2015

Regd. Office: BHEL House, Siri Fort, New Delhi - 110 049

S. V. SURAJ KUMAR
Engineer
Purchase / MM / RM / CP & SP
BHEL, TRICHY - 620 014