



**Boiler Auxiliaries Plant,
Bharat Heavy Electricals Limited,
Ranipet - 632406, Tamilnadu, INDIA.**

Enquiry No. 2771161E

Due Date : 27/11/2017

Reference :

Date : 03/11/2017

Specification cum Compliance Certificate for SAW Flux Drying Oven Capacity-100kg

Note:-

1. The 'Offered' Column and where applicable, the 'Deviations' & 'Remarks' Column of this format shall be filled in by the Vendor and submitted along with the offer. Inadequate / incomplete, ambiguous or unsustainable information against any of the clauses of the specifications / requirements shall be treated as non-compliance.

2. The offer and all documents enclosed with offer should be in English language only.

Name & Address of the supplier:

Name & Address of the Indian Agent:

Telephone No.

Telephone No.

Fax No.

Fax No.

e-mail :

e-mail :

Scope: Supply, Installation & Commissioning of SAW Flux Drying Oven capacity-100kg. complying with the following specification

SI No.	DESCRIPTION FOR BHEL REQUIREMENT	VENDOR TO SPECIFY
1	PREQUALIFICATION REQUIREMENT: a) The suppliers shall give a list of at least One PO copies or customers list with contact numbers / email id's to whom similar or higher SAW Flux Drying Oven are supplied. b) The vendor shall be OEM or authorized distributor and the supporting documents need to be submitted.	To be submitted
2	Purpose: (Operations/Jobs involved): SAW Flux Drying	Vendor to Confirm
3	Oven Capacity : minimum 100 kgs.	Vendor to Confirm
4	Type of loading: Top Loading	Vendor to Confirm
5	Flux Dispensing direction: from Bottom	Vendor to Confirm
6	Working Temperature of the Oven: Ambient to 400°C	Vendor to Confirm
7	Type of Chamber: Single , Square / Rectangular.	Vendor to Confirm
8	Material of inner wall : Stainless steel 304	Vendor to Confirm
9	Material of Outer wall : Carbon steel	Vendor to Confirm
10	Insulation : Ceramic fiber, 200mm thick on all sides.	Vendor to Confirm
11	Temperature Control : PID Controller	Vendor to Specify
12	Safety Temperature Control: It shall prevent the Oven temp. above a pre set temperature limit.	Vendor to Confirm
13	Temperature Uniformity control: Preset cyclic timer, This will independently switch the heaters O/OFF at preset intervals to safeguard the heaters from over heating and to maintain a uniform temperature throughout the mass of Flux.	Vendor to Confirm
Safety Protection Features :		
14	a) A safety controller will take over the oven operation in the event of main controller failure	Vendor to Confirm
	b) MCBs or Equivalent	Vendor to Confirm
	c) The equipment should have all the necessary accessories for normal working condition and it should be installed with all the necessary safety requirements also. It should be part of main equipment cost	Vendor to note & Confirm
15	Heater Construction : Tubular heaters	Vendor to Confirm
16	Heater placement: Heater terminals are accessible from behind the oven for fast and easy maintenance. Terminals will be protected with mild steel covers.	Vendor to Confirm
17	ELECTRICAL	
17.1	Power supply 415VAC, 50HZ, 3 phase AC. (4 wire system) Power supply voltage will be provided by BHEL.	Vendor to Confirm
17.2	Wattage : 2000 - 3000 watts	Vendor to Specify
18	All the bought out items (if any) shall be reputed make only	Vendor to Confirm
19	Installation, Commissioning and prove out of the equipment at BHEL, Ranipet works is suppliers responsibility	Vendor to note & Confirm
20	Estimated commissioning Charges : Terms and condition for E&C Charges should be furnished in detail separately by vendor along with the offer	Vendor to Confirm
21	A detailed Catalog of the equipment has to be submitted along with the offer	Vendor to submit
22	03 sets of O&M manuals including all circuit diagrams has to be submitted along with equip	Vendor to Confirm
23	The equipment shall be Guaranteed for the satisfactory performance for a period of One year from the date of commissioning	Vendor to note & Confirm
24	Delivery Period : within 3-4 weeks from date of drawing approval.	Vendor to Confirm
25	Supply details: Only those bidders, who have supplied at least 1 No. of SAW Flux Drying Oven of Similar capacity in the last 3 years (On the Date of Opening of tender), are eligible to quote.	
26	The following information is to be submitted by the vendor about the companies where similar equipments have been supplied. This is required from all the vendors for qualification of their offer.	
	1.Name of the customer/Company where referred equipment is installed.	
	2.Complete postal address of the customer.	
	3.Month & year of commissioning.	
	5.Name and designation of the contact person of the customer.	
	6.Phone no, fax no and email address of the contact person of the customer.	