



Ph No:91-080 23450603 Fax:23450726,Cell: 91-9448397340

OMEGA ENGINEERING SYSTEMS

No:14, Hanuman layout,Ramachandrapura,Jalahalli ,Bangalore 560013.
email -omegablrssystem@gmail.com / omegasystemblr@gmail.com

OUR REF : O.E.S./C/JAL/CF/102/23-24

Date :28/06/2023

Kind Attn. Mr. Mohan N
M/s. Jindal Aluminium Limited
Jindal Nagar, Tumkur Road,
Bengaluru - 560073, Karnataka, India

Dear Sir

Sub: Your requirement of Electrically Operated Container Heating Furnace.

With reference to the above requirement, we are pleased to submit our lowest and most competitive offer for manufacture and supply of Electrically Operated Container Heating Furnace,
Following constructional details

"OMEGAT" MAKE ELETRICALLY OPERATED CONTAINER HEATING FURNACE:
SPECIFICATION: Useful Chamber Size : 1200 mm W x 1200 mm D x 1500 mm H.
Oven Inside Baffle : S.S 304 6mmThick **Power Rating** : 30 K.W. **Power Supply** : 440 volts, 3 phase 50 c/s A.C. **Max. Temperature** : 600 C. **Mode of Temp. Controlling** : with PID controller and Thyristor. **Temperature Sensor** : K Type Duplex. **Heating Elements** : With Nichrome 80/20 Wire in coil form
Air Circulation Arrangements :with 2nos 1 HP 1440 RPM Motor Sucking System, No. of Fan : 2 Nos., No. of Door : 1 No. Vertically lifting with Pneumatic cylinder
CONSTRUCTIONAL DETAILS: Outer casing & Inner chamber:

The Furnace will be fabricated out of thicker section of S.S. Sheet, Angle and flat with necessary welding and screw joints, wherever necessary. Necessary vertical and horizontal angles/flats support will be provided. The Furnace will be designed and constructed with double wall and the wall in between will be filled with 200 mm ceramic fiber insulation to reduce heat loss to the minimum. inner chamber Baffle will be of S.S. sheet of good quality.

Air Circulation Arrangements: The oven will be provided with 2 Nos. 1 HP 1440 RPM Motor with necessary fan shaft and blades to blow the hot air throughout the chamber uniformly. The motor will be mounted on Back-side of the Furnace directly. There will be interlocking arrangements between motors and heating coils, so that if the motor is not working heating coil will not be switched on.

Control Panel:1 No. side mounted type M.S. Sheet metal Fabricated control panel will have the following parts such as: 1no SHIMADEN (Japan) make PID controller, 1 no. OMEGA Make Over rider controller, 1no, OMEGA make Thyristor Power pack, 1no. 4 pole main MCB,with all Switch gear items, such as air break magnetic contactor, On/Off switches, ammeters, HRC Fuse links and units, indicating lamps, single phase preventer etc., All switch gear items will be wired neatly with PVC insulated copper cable.

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GST NO: 29ALXPS0966K1ZZ / PAN NO: ALXPS0966K
Udyog Aadhar number : KR03 0025987 (MICRO)



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Painting:The oven control panel will be painted neatly with attractive color of your choice over two coats of red oxide

P R I C E : Rs. 13,57,000/- (Rupees : Thirteen Lakhs Fifty Seven Thousand Only).

TERMS AND CONDITIONS: Taxes : GST @ 18%

Delivery (Ex works) Within 60-75 days from the date of receipt of your Purchase order along with advance. **Payment :** 60% as advance along with your order and balance after Dispatch. **Transportation:** Loading, Unloading and transportation charges will be extra. **Inspection :** Pre-delivery inspection(If any) can be done at our works by your engineers.

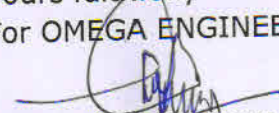
Warrantee : One year warrantee from the date of Supply against any manufacturing defects.

Validity : 30 days.

We hope that you will find our offer very much competitive and in line with your requirement. we look forward to receive your valuable Purchase orders to execute the same.

Yours faithfully

For OMEGA ENGINEERING SYSTEMS


M.K.SUDHEENDRAN
CHIEF EXECUTIE

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