

THERMOCHEM FURNACES PVT.LTD.



THERMOCHEM

Plot No. 1604 , G.I.D.C, Phase IV , Wadhwan City-363035 Dist. Surendranagar (Gujarat)
Ph. No.(02752)243811,Fax :(02752)241813 E-mail :thermochemfurnace@hotmail.com

TF/2023/06/28/R0

June 28, 2023

To,
JINDAL ALUMINIUM LTD
Bangalore

Email: - purchase@jindalaluminium.com

Kind Attn.:- Mr. Mohan N (Mo: +91 8023-715-555)

Sub. : - Techno- Commercial offer for chamber Type heating Oven for liner removal and liner fixing.

Dear Sir,

This has reference to mail, your requirement for chamber Type heating Oven for Liner removal and Liner fixing. Please find herewith the offer as per the requirement.

Thanking you and assuring you of our best attention and prompt services at all times.

Regards

N.P.Sompura M:-09426215943
Hardik Sompura M :- 09601551009



Thermochem Furnaces Pvt Ltd,



Plot No. 1604 , G.I.D.C, Phase IV , Wadhwan City-363035 Dist. Surendranagar (Gujarat)
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Technical Specification.

Sr. No.	Description	
1	Furnace Capacity	Die Heating Chamber Type Oven
	Furnace Dimension (Approx)	
2	Chamber Useful Dimension	Length 1200 mm Width 1200 mm Depth 1500 mm
3	Over all Dimension	Length 2000 mm Width 2000 mm Height 2200 mm
4	Charge Material Details	Press container heating for liner removal and liner fixing.
5	Electrical Supply Requirements	415V,3-Phase,50 Hz,4 Wire A.C Each chamber connected load :- 30 KW Total Load :- 30 KW + 3 HP Fan
6	Water Requirement	NIL
7	Max. Furnace Air Temp	600 C
8	Furnace Normal Operating Temp	550 C
9	Skin temperature	25 °C above the ambient temperature
10	Furnace Atmosphere	Air
11	Furnace Zone	1
12	Heating Element	Furnace have the provision of spiral on ceramic tube type heating element mounted on the left wall and right wall of the furnace



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13	Zone Thermocouple	Furnace have the following "K" type thermocouples 1-Air 01 No's for PID each chamber 2-Air 01 No's for Safety each chamber Total :- 02 (01 PID + 01 Safety)
14	Chamber Recirculation Fan	01 No's
15	Recirculation Fan	Furnaces have the provision of Axial Type Recirculation Fan installed on the back side wall of the furnace. Each rated at 2.2 KW
16	Furnace Casing	Furnace outer body fabrication from 5mm Thick M.S Plate with suitable section.
17	Furnace Insulation	Furnace All side walls and bottom will be lined with Ceramic Fiber board, HFK and IS 6 Ceramic bricks and Furnace roof lining with ceramic fiber module with having various density of 160 Kg/m ³ Total Thickness of insulation :- 200 mm
18	No. of Door	1 No's
19	Door Structure	Fabricated from 5 mm Plate with Suitable Sections
20	Type of door operation	Furnace have a top side door which is open back side hinged type and open by pneumatic air cylinder mounted back side wall of the furnace.
21	Door Insulation	Door Will be lined with 200 mm Ceramic Module lining
22	Door control limit switch	2 Nos. of Limit Switch will be provided for door up/down Position
23	Electric Power Control Panel	01 No. Panel is fabricated from M.S. Sheet Power Control Panel and powder coated of Siemens Grey in housing with following electrical accessories & equipment Make:-Rittal



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		<p>Furnace will have the provision of Power and Temperature Control Panel.</p> <p>→Process Temperature Controller ;- 01 Nos →Safety Temperature Controller :- 01 Nos</p> <p>Electrical goods</p> <p>→ MCC with short circuit and over current trip →HRC Fuse Base with links will be provided → Control Switches → Contactor → Safety Fuses → Indicating Lamp Sets → Auxillary Contactors →Amp. & Volt Meters</p>
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COMMERCIAL OFFER:-

Description	At Our works Unit Price (Rs.)	Qty	Total Price (Rs.)
Chamber Type heating Oven for liner removal and liner fixing With control panel	17,50,000/-	1	17,50,000/-
Erection & Commissioning Charges To & Fro Tickets , lodging & boarding in customer scope	50,000/-	1	50,000/-

Thermochem Furnaces Pvt.Ltd.

Director



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Terms & Conditions:-

PRICE BASIS	At your Works
FREIGHT	Included
PACKING & FORWARDING	Nil
GST	18% Extra
TRANSIT INSURANCE	Has to be arranged by Purchaser. However we will immediately dispatch the particulars
DELIVERY TIME	Within 4 Months The above time schedules are from the date of receipt of your order technically and commercially clear in all respects & timely approval of GA and Layout drawings. The delivery has been offered with good faith subject to force measure conditions.
PAYMENT TERMS	40% as advance along with the order. 50% of Ex-works value+100% taxes & duties after pre dispatch inspection and prior to dispatch. 10% after commissioning
ERECTION & COMMISSIONING PAYMENT	30% as advance at time of deputation of man power. 30% after 50 % work Completion 30 % after 75% work completion 10% after 100 % work completion
WARE HOUSE CHARGES	If Furnaces delivery has not been taken within 30 days after readiness of furnace Ware house charges @ 1.5% interest on balance amount will be charges per month
INSPECTION	If you require physical/visual inspection of the equipment in knocked down condition, can be had at our works before dispatch by your authorized representatives. The final inspection and test can be carried out at consignee's Site after erection and commissioning.



LATE DELIVERY	No Late Delivery clause is applicable, unless agreed upon in written.
UNLOADING OF THE EQUIPMENT	Our offer does not include unloading of the dispatched consignment at Consignee's site/stores. The consignee has to arrange for unloading the incoming consignment, bringing the materials to proper erection site when erection starts. The materials received by the consignee should be properly stored under covered area to prevent from rain.
SUB-CONTRACTING	We reserve the right to buy parts, semi-finished parts from sub-contractors and also to sub-contract any portion of the work as may be found necessary for betterment of the equipment. However, we will be responsible for the complete supply of the equipment.
WARRANTY	We stand WARRANTY for the equipment against defective design/faulty workmanship for a period of 18 months from the date of dispatch of equipment or 12 months from the date of commissioning whichever is earlier. However this Warranty does not apply of parts which are subject to normal wear and tear and require periodical replacement such as rubber parts, refractory items electrical/electronic items and other perishable items and if the components are found damaged during transit to bad storage, misuse or mishandling of the equipment by you.
VALIDITY	30 Days
JURISDICTION	All dispute are subject to Surendranagar jurisdiction
CANCELLATIONS	In case of cancellation of LOI / Purchase order, following cancellation charges will apply. Within 1 month of LOI / Order: 20% Within 2 month of order: 50% After 2 months of order: 100%