



TIRUCHIRAPPALLI ENGINEERING AND TECHNOLOGY CLUSTER (TREAT)

Regd. Office: P2, Adjacent to GK industrial park Pvt Ltd.,

Reddimangudi village, Siruganoor, Lalgudi TK, Trichy dt. pin: 6211015

Admin Office: Shed No. A3, TREC-STEP campus, Thuvakudi, Trichy-620015.

Ph: (+91)431-2500606 Fax: (+91)431-2500616

Email: treat.trichy@gmail.com ; web: <http://www.treatcluster.in>

TENDER FOR 4 AXIS CNC DRILLING MACHINE.

FOR TIRUCHIRAPPALLI ENGINEERING AND TECHNOLOGY CLUSTER (TREAT)

REFERENCE NO: TREAT/CAP/0014/14-15.

Date and time of tender opening: 25/03/2015 at 4.00 P.M.

Venue:

Shed No: A3-TREC STEP,

NIT CAMPUS,

THUVAKUDI,

TRICHY-620 015.

Tender opening can be attended by authorized personnel of the company. They should bring the authorization letter in original.

SPECIFICATION

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4 AXIS CNC DRILLING MACHINE

<u>MACHINE MAIN SUB ASSEMBLIES</u>		
SL NO	DESCRIPTION	Bidder Offer (with Complete Technical Details)
1	BED	
2	SADDLE	
3	COLOUM	
4	COLOUM SHELL	
5	ARM	
6	SPINDLE HEAD	
7	ELECTRICAL EQUIPMENT	
8	ACCURACY	

BASIC TECHNICAL PARAMETER

DRILLING CAPCITY IN STEEL 600 MPA T.S	MM	63
DRILLING CAPACITY IN GREY COST IRON 250MPA T.S	MM	75
TAPPING /THREAD MILLING CAPACITY	M	30
MAX VERTICAL TRAVEL OF THE ARM (W -AXIS)	MM	800
TRAVERSE OF THE DRILLING HEAD ALONG THE ARM(Y-AXIS)	MM	2180
MAX SPINDLE OUTPUT (Z-AXIS)	MM	300
COLOUM TRAVEL OVER THE BED(X-AXIS)	MM	8000
RAPID TRAVERSE :(Extra for Every Additional 1000mm to Be Quoted Separately)		
COLOUM (X-AXIS)	M/MIN	15
SPINDLE HEAD (Y-AXIS)	M/MIN	10
SPINDLE OUT PUT (Z-AXIS)	M/MIN	3
ARM LIFTING (W-AXIS)	M/MIN	6
DRILLING SPINDLE		
TAPER IN SPINDLE NOSE AS PER DIN 69871/A	ISO	50



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Spindle speeds	RPM	11-6000
FEEDS OF SPINDLE INFINITY VARIABLE	MM/MIN	1-3000
MAIN SPINDLE MOTOR	KW	17
MAX TORQUE ON SPINDLE	NM	600
TOTAL MACHINE INPUT	KVA	50
DIMENSION OF MACHINE	LENGTH X WIDTH X HEIGHT	

01. Payment Terms And Conditions

- Tax and duties will be paid extra. Please specify the rate of tax & duties.
- Supplier to furnish the performance bank guarantee for 10% of PO value for 1 year validity from the date of commissioning.
- Payment terms to be discussed mutually .

02. Erection And Commissioning

- Vendor to deploy required manpower (fitter, technician, and helper etc..) during commissioning of plant. Any rectification works found necessary during commissioning due to faulty workmanship will have to undertake by the vendor at their own cost & responsibility .
- Power supply will be provided by TREAT.
- All erection equipment including crane should be provided by vendor.
- Storage space for material provided by vendor for erection work will be at TREAT scope.

03. Two Part Bid System

1st Part – Technical bid , 2nd Part-Price bid is invited from experienced, resourceful and bonafide original machinery manufacturer for supply of **4 AXIS CNC DRILLING MACHINE**. Separate envelop should be used for Technical & Price bid and indication to that effect may please be super-scribed on the envelopes. The sealed envelope should reach us on or before 25-03-2015 at 4 PM and technical bid will be opened on the same day. Financial bids only of those firms will be opened, who qualify on the basis of the Technical Evaluation by the Tender Committee.



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GENERAL CONDITIONS OF TENDER

COMMERCIAL TERMS & CONDITIONS

TRANSPORTATION: All consignments shall be dispatched by road through reliable transporters on freight to pay and door delivery basis. Necessary Road / State Government Sales Tax Permits/Forms wherever applicable shall be furnished by the supplier. Any demurrage and other charges levied by the transporter for delays in unloading by customer shall be borne by the supplier and settled directly by the supplier with the transporter.

Transit Insurance: Transit Insurance shall be extra and arranged by us.

System lay-out/ GA drawings shall be sent for approval within ONE week of receipt commercially clean purchase order. Order acceptance: shall be sent by email within two days and signed copy shall be sent within four days by courier.

Scope of Supply: Scope of supply should adhere to our Purchase Order, Specification sheet, drawings and terms and conditions.

Short Shipment/Loss/Damage: Short shipment if any shall be replaced by supplier without hindering erection or commissioning with own expenses.

Warranty: supplier shall warrant that the machinery and equipment to be supplied shall be free from any defect due to design, materials and workmanship. Warranty period shall be 18 months from the last date of dispatch or 12 months from the date of commissioning, whichever is later.

Penalty: As the time is the essence in establishing the facility intended under this tender, the risk of delays in supplies needs to be mitigated. Therefore, in case of any delay in the supply of items from the agreed delivery pattern, schedule causing time overrun in implementation of project, the supplier would be subject to liquidated damages.

In case supplier fails to meet the supply, erection & commission schedule released on the supplier and accepted by the supplier as defined in PO, the supplier will be charged 0.50% per week or part thereof, subject to maximum of 10% of PO value.

Jurisdiction: All legal dealings are subject to Tiruchirappalli jurisdiction only.

General:

Purchase order No. and date should be mentioned in all future correspondence.

In case of any change to that mentioned in the purchase order, prior information should be given to us and Purchase order amendment should be collected from us prior to dispatch.



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