

TFDPC Industrial Estate
Tripura Forest Development & Plantation Corporation Limited
Anandanagar, West Tripura, Pin 799 004

Notice Inviting Tender

Sealed item rate tenders are invited on behalf of Tripura Forest Development & Plantation Corporation Limited, Agartala, Tripura from reputed suppliers for supply, installation and commissioning of one CNC Router Machine as indicated in attached Schedule of Requirements and technical specifications as per following terms and conditions given below.

The Tender as detailed below to be submitted in letterhead neatly printed / typed, duly signed by authorized person with seal of the bidder to

The General Manager
Tripura Forest Development & Plantation Corporation Limited,
Abhoynagar, (Behind Raj Bhavan)
Agartala – Tripura, Pin:- 799 005

All envelopes containing the tenders should be properly sealed only by Sealing wax embossed with the Logo or monogram of the bidders. Envelopes sealed by only gum or stapled shall not be accepted.

Tenders submitted through telegram, telex, fax or e-mail will not be considered.

Last date for submission of Offer: 16th April'2010 upto 3 PM
Due date for opening of tender: 16th April'2010 upto 3-30 PM

(Under unforeseen circumstances and if the due date falls holiday the tender will be received and opened on the next full working day at the same time)

Technical Specification

CNC- controlled router for customized production of solid wood and similar work materials.

1. Rigid steel frame construction & Bridge type
2. Adjustment of the axes in X, Y and Z with stroke / Travel range of the axes:
X = minimum 2500 mm
Y = minimum 1500 mm
Z = minimum 250 mm
Vector speed
X axis / Y axis = minimum 50m/min
Z axis = minimum 20m/min
3. Direct extraction at drilling block and routing spindle and separate connection for the extraction device (on site)
4. The positional accuracy of the machine must be 0.01mm.

5. Table top with vacuum Grid suitable for variety of vacuum hold down. Vacuum clamping system
6. PC with windows suitable operating system allowing network and USB interface for downloading and import of files and connection to other peripheral devices
7. UPS for the machine and computer.
8. Suitable software packages for tool path control in all axes, optimum speed for transitions, accuracy of the contour, graphic operating programs, tool data base, production list software, machine data recording schedule, function moving, 3D simulating including time calculation, optical error display and vacuum positioning control, generation of CAD drawing programs and interactive design for furniture and allied features.
9. Automatic uploading pusher
10. Heavy duty high precision 10hp (or more) router with rapid automatic 8 or more position tool changer making work of any type of routing or grooving operations, Boring unit with 9 or more independent vertical drill operation, independent grooving saw and horizontal drill units.
11. Dust protected linear guiding system in all axes with central lubrication system.
12. Handheld device interface to allow operator to jog the machine, perform system tests and run CNC programs from a remote computer.
13. Maintenance free motors with high resolution optical encoders guarantee high accuracy
14. Digital drive control units guarantee high Reliability
15. Safety fences in the lateral and rear areas. LED safety devices on the operator's side of the machine.
16. Automatic Vacuum pump with operation from the electric panel.
17. The machine shall be supplied with following tools
 - carbide tip drill bits – 5,6,8,10mm left & right – 8 sets (64 pcs.)
 - TCT Saw (120 x 5 x 30Z) – 3 nos
 - PCD Saw (120 x 5 x 30Z) – 2 nos
 - TC Tipped drill – 5,6,8,10,12 mm – 3 pcs each
 - Router Bits (solid Carbide Finishing Bit)
 - Spiral with 3 positive twists and with nylon coating
 - Ø 10 x 32 /42 L – 12 pcs
 - Ø 12 x 32/42 L – 12 pcs
 - PCD Router Bits
 - Ø 8 x 25 x 8 sh – Ø 8mm x 2 Flute 3 pcs
 - Ø 10 x 25 x 10 sh – Ø 10mm x 2 Flute 3 pcs

- | | |
|--------------------------------------|-------|
| Ø 12 x 25 x 12 sh – Ø 12mm x 2 Flute | 3 pcs |
| Ø 16 x 25 x 16 sh – Ø 16mm x 2 Flute | 2 pcs |
| Ø 20 x 35 x 20 sh – Ø 20mm x 2 Flute | 2 pcs |
- Profile Router bits (customized) - 12 pcs.
 - Solid carbide stock mounted router bits
 - Ø 5 mm to Ø 12 mm x 30mm – 6 pcs

18. The machine shall be supplied with following accessories
- Tool holder for HSK spindle 8 nos
 - Collect of all sizes upto 25mm in metric size – 10 nos.
 - Elevated Vacuum Pads 125mm x 125mm – 10 Nos.
 - Dust Collector with one micron filter of capacity to meet the requirement for keeping the work atmosphere dust free and to protect the machine from dust with required length and size dust collection pipe.
 - Air compressor of required capacity (3800 CFM or more) along with Compressed air supply pipes with accessories.

Terms & Conditions

- 1 Earnest Money Deposit
 - i The tenders should be accompanied by Earnest Money deposit in the form of Demand Draft drawn in favour of 'The General Manager, TFDPC Industrial Estate, Anandanagar' Payable at Agartala and must accompany the quotation. For unsuccessful bidder the EMD shall be refunded immediately after finalization of tender. EMD shall be forfeited if any bidder withdraw their offer before expiry of the validity of their offer or fails to submit order acceptance within 15 days from the date of order. No interest is payable on EMD to be deposited.
 - ii The EMD prescribed against the tender is Rs. 2,00,000 (Rs. Two lakh).
- 2 Tender documents can be obtained from the office of the General Manager, TFDPC Industrial Estate, Anandanagar. The request for tender documents from outstation firms shall reach at-least 10 days prior to the last date of receipt of tender.
- 3 The successful bidder is to deposit 10% of the total value of the machine before signing the agreement.
- 4 The offer should be submitted strictly as per the terms and conditions and procedures laid down in the tender documents failing which the offer are liable for rejection.
- 5 The machine shall be installed by supplier at our works at TFDPC Industrial Estate, Anandanagar, Tripura. The supplier must give training to operators at our works and must depute an experienced technician for a period not less than six months or 600 hrs of actual productive operation (excluding trial run, program time and test run) to solve all functional problems in production. the expenses in actual for accommodation and local transport will be borne by us.
- 6 The supplier shall develop product as per national demand and as per requirement of TFDPC Ltd.
- 7 All the pages of quotations including the documents therein must be duly signed and failing which the offer shall be liable for rejection.
- 8 Quotations erased and overwritten shall be summarily rejected, unless authenticated with bidder's signature with seal.

- 9 The quotation shall accompany the list of all spares with brand-name, specification, name of manufacturer and/or Indian supplier along with rates of each spares separately and approximate requirement for two years operation.
- 10 Quotation should accompany the detail technical specifications, capacity, and output per shift.
- 11 The forwarding letter of the offer must contain the details of documents enclosed.
- 12 All disputes shall be subject to the jurisdiction of Agartala Court only.
- 13 Taxes & duties
- i Excise duty:- The legally applicable rate of Excise duty should be clearly mentioned in the bid. In case the price is stated inclusive of Excise duty, the current rate included in the price must be indicated. If the bidder is exempted from paying the Excise duty, the same must also be confirmed with valid documentary evidence. If the bidder fails to specify the exact rate of excise duty applicable, the maximum rate currently leviable shall be loaded to the price.
 - ii Sales Tax:- The legally applicable rate of sales tax should be clearly mentioned in the tender. 'C' forms will be issued against all supply and hence CST shall be charged accordingly.
 - iii Custom duty:-In case of imported goods bidder should clearly mention the rate of Customs duty included in their quotation. Necessary import documents for authenticity and genuineness of supply of imported material shall have to be submitted by the supplying firm. The bidder shall be liable for any breach on laws/ rules regarding importation of the machineries and shall function on be-half of Tripura Forest Development & Plantation Corporation Limited for importing & release of machineries from port.
 - iv Any other duty or levies if chargeable should be mention in the quotation.
 - v An undertaking shall have to be given by the bidder mentioning the Awareness of Statutory & legal Requirement.
- 14 The rates should be quoted FOR destination (TFDPC Industrial Estate, Anandanagar, Agartala, West Tripura) basis and transportation charges shall be separately mentioned in the quotation.
- 15 The bidder shall have to quote for installation & commissioning, training, and operation for three months charges separately.
- 16 Payment terms:- the payment terms may be
- i 80% of the cost of machineries along with transportation charges within 7 days after receiving the materials
 - ii Next 10% of the cost of machineries along with EMD and Installation & commissioning charges on successful commissioning of the machines.
 - iii Balance 10% after successful operation of one year.
- 17 Delivery:-Within 2 months from the date of offer.
- 18 Warranty:- Bidders should furnish the manufacturers' composite guarantee for satisfactory performance of the same in all respect for a period of 12 months operation from the date of commissioning. If any defects are found due to faulty design or bad workmanship the defective parts will be replaced by the supplier at site & installed if necessary free of cost by new spares. Warranty replacement should be completed within one month from the date of claim.
- 19 The supply will be treated completed only after successful commissioning of the machine and training of operator at site.
- 20 Quotations without commitment of installation & commissioning and training of operators at site will not be treated valid.

- 21 Our representative will inspect the plant & machineries after manufacture or similar machineries in operative condition. The expenses for inspection shall be borne by the supplier & the supplier should provide the facility for checking / measurement.
- 22 Quotation should specify the rating & brands of the motors & pump and it should be reputed or standard make.
- 23 The management of Tripura Forest Development & Plantation Corporation Ltd reserves the right to reject any or all the tenders without assigning any reason thereof. The criteria for selection of supplier will be based on technical specification and rate quoted for each items. The management may accept any tender other than the lowest one depending on technical specification of the particular machine.
- 24 Detail drawings required for civil works in connection with the installation & commissioning of the quoted machine shall have to be furnished within 15 days from the date of supply order.

General Manager
TFDPC Industrial Estate
Anandanagar, West Tripura

No.F.12-1/TFDPCIE/Door/07-08/.....

March 3, 2010

Copy to:

- 1. The Managing Director, TFDPC Ltd for kind information with a request for display.
- 2. The Divisional Manager, North/Sadar/South-I/South-II/ Factory Division with a request for display.
- 3. The Infotech.com with a request to upload the same in our website www.tfdpc.com
- 4. M/S.....
.....
.....
.....

General Manager
TFDPC Industrial Estate
Anandanagar, West Tripura