

**CENTRAL INSTITUTE FOR RESEARCH ON COTTON TECHNOLOGY  
(INDIAN COUNCIL OF AGRICULARAL RESEARCH)  
ADENWALA ROAD, MATUNGA , MUMBAI- 400019.**

Admn.II/Pur./11/10-11/

Dated : 10/06/10

**Sub : Inverter Controlled Drive System For Ring Spinning Machine**

Sir.

Please send your lowest quotation with terms and conditions for supplying the following

Sr. No.	Specification	Require Quantity	Delivery Place
01	<b>Technical Specifications:</b> 1) It should be programmable logic controller (PLC) based inverter drive system. 2) Suitable for LR - Duo speed ring frame. 3) Minimum drive capacity = 7.5 HP. 4) The drive should be suitable for 440v, 3 - phase and 50 Hz AC supply line. 5) There should be facility for minimum 9 - stage spindle speed control. 6) Minimum display of actual spindle speed, front roll speed, twist, hank or yarn length. 7) Facility for doff height adjustment through according to yarn length. 8) Auto doff start and stop adjustment through sensor. 9) The supply should be complete with inverter drive, PLC, HMI/MMI, sensors electrical panels so as to function as a drive for ring frame. 10) The inverter should have built in PLC and RS 485 port for various motor settings connectivity. 11) The inverter should have facility for initial output torque setting. 12) PLC should have minimum RS 485 / RS 232 communication ports. 13) PLC should have frequency display counter. 14) PLC should have open communication protocol for SCADA and HMI. 15) PLC should be programmed with window based programming software with program editing facility. 16) HMI/MMI should be with minimum 65,000 colour, touch screen TFT display, minimum size 5ft 7inch. 17) It should have appropriate RS 232 & RS 485 connectivity for inverter and PLC. 18) Erection, testing and demonstration should be done by the party.	01	MPD, CIRCOT

Quotation should be in sealed cover super scribed "Quotation for **above mentioned in the sub. due on 30.06.10**. So reach this Institute on or before 30.06.10.

- ✓ The quotation without above superscription on the cover will not be considered.
- ✓ Validity of quotation should be indicated.
- ✓ Quotation received by fax will not be accepted.
- ✓ NET cost including all taxes should be clearly indicated.
- ✓ Quotation without indication of NET COST will be rejected.
- ✓ We do not issue any kind of concessional forms except excise duty.
- ✓ Delivery time and warranty period should be indicated.
- ✓ The party should quote the price for the above mentioned material. They should also quote separately the installation and testing charges.

**Payment Conditions :**

- 100 % of payment will be released 15 days after the delivery of ordered item good condition and subject to satisfactory report from the Indenting Officer..
- Time given delivery of Goods is 15 days after the receipt of Purchase Order.
- Penalty will be levied for delayed delivery.
- If the above payment conditions are agreeable , then only submit the Quotation.

Yours faithfully,

(K.W.Khamkar)  
Head Of Office