



To, M/s -----

Enquiry no:- NaMPET/EE/PUTCWM/2017-2018

Dated: 12/10/2017

"Sealed Tenders are invited for procurement of Programmable Universal toroid core winding machine with following Specifications"

S.No	Specifications	Description
	Basic machine	Bench type (desirable) quote with model number.
1	Controller	Programmable Controller With at least 10 Program store Capacity.
2	Desired finished Coil Outer Diameter	Between 10mm to 150 mm (Different Accessories combination can be quoted if not in one head/table but must be compatible to main machine).
3	Desired finished Coil Inner Diameter	2.5 mm
4	Wire Size	AWG 14 to 44
5	Maximum Coil Height	60 mm
6	Shuttle Speed Control	Controllable; Speed regulation at every speed setting not to exceed 5%.
7	Chuck/Core rotation in both forward and reverse directions	Choice of (a) Automatic Sector Winding up to 360°, and/or (b) Manually controlled clockwise and counter-Clockwise core rotation by a switch.
8	Winding head & Table (if any)	Quote price for different interchangeable winding head & table , if any, compatible to main machine.
9	Pitch tolerance	1%
10	Associated Accessories & consumables.	Quote price for each
11	Adjustable wire tension	Essential
12	Interface with PC	Programmable through software ; interface software included in base quotation
13	Input Voltage	50 Hz, 230 V, Single Phase
14	Warranty	Not less than 1 year from the date of installation

Sealed Tender is invited for **Programmable Universal toroid core winding machine** with aforesaid specifications on or before **November 01, 2017** with marking the tender number at top of envelope or by E-mail & which should be in favour of “**Dr. P. Sensarma, Department of Electrical Engineering IIT Kanpur 208016**”. The Indenter has right to accept or reject the tender without assigning any reason thereof. Also the indenter reserves the right to reject or accept all or any of the offers made above.

akbasu

Amit Kumar Basu
In-charge &
J. Technical Superintendent
Power Electronics Laboratory,
National Mission for Power Electronics Technology (NaMPET) Laboratory
& Ministry of Labour & Employment Laboratory (MOLE)
WL-217, WL-111, WL-110
Department of Electrical Engineering
Indian Institute of Technology Kanpur
Kanpur-208 016, Uttar Pradesh
Email- akbasu@iitk.ac.in
Tel(o).:-0512,259 7822,259 6131.
Fax(o) .0512- 259 0063.