

**INDIAN INSTITUTE OF TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING**

Enquiry letter for purchase of Power Feeder

Sub: Quotation for supply of Power Feeder (Nos. 2)

Reference: IITK/CE/2017-18/0277

Dated: March 27, 2018

Sir/Madam,

With reference to the subject mentioned above, you are invited to submit the quotation in a sealed cover. Configuration/Specifications are given below:

Specifications of Power Feeder

Working principle – works on the principle of pressurization and constant volumetric principal using a rotary plate having slots. The speed of rotation is variable by using A.C. variable speed controller. The inert carrier gas can be set through a Flow meter that carries powder to Plasma Torch.

1. Feed rate - 1 RPM to 28 RPM
2. Powder wheel rpm – 0.5 to 28 stepless
3. Powder container size - 45 cubic inches (8"x 4" x4")
4. Hose length – 10, 35, 100 feet
5. Remote or local powder feed control selectable
6. Sensor less vector control technology for accurate RPM control
7. Electrical supply – 220 V AC, 50 Hz, 1 Ph
8. Gross weight ~ 40 Kgs

The quotation should have the following details:

1. Cost of the item and accessories and installation charges, if any
2. Technical specifications in detail
3. Warranty period
4. Educational discount considering end use for research and teaching
5. Please submit single bid quotation

Terms and condition:-

1. Sealed Quotation must reach the undersigned on or **April 17, 2018**.
2. Prices should be in USD and CIF Delhi.
3. Payment will be 90% after delivery and 10% after installation.

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