

Department of Electrical Engineering
Indian Institute of Technology, Kanpur

September 29, 2015

Reference No: IIT/EE/LB/2015-16/P/02

Sub: Inviting sealed for a 3-axis Helmholtz coil setup :

Sealed quotations are invited for a 3-axis Helmholtz coil setup with a gradient across the x-y and z directions for the purpose of controlling magnetic micro/nano particles inside a tube. The requirements for the unit are mentioned as below:

Amplifier:

- Three axis Helmholtz coil with a diameter of 1m in x-y and z directions with gradient coils as found in a MRI device.
- Power amplifier for three axes Helmholtz coil apparatus as needed.
- Control unit for Helmholtz coil assembly.
- Strength of central magnetic field: 2-3 Tesla.
- Stable area of gradient magnetic field: 50*50*50 cm³.
- Average Diameter of the coils: 1 m.
- Continuous working time at 2T: 3-5 hrs.
- Stable Area of Central magnetic field: 50*50*50 cm³
- Strength of gradient field for the gradient coils: 100 mT/ meter.

Terms & Conditions

- Payment: As IITK standard terms.
- Taxes: as applicable
- Delivery: earliest possible time
- Validity of quotation: 60 days.
- Inspection: to be carried out at our place.
- Please attach proprietary certificate on letter head from the manufacturer, if it is applicable.
- Please mention on envelop, if the quoted item is proprietary in nature.
- Please attach the authorization certificate from the manufacture.
- Please clearly mention the warranty.

Last date for submission of quote is October 16, 2015, (5pm).

The Quotation in sealed envelope should be sent to the following address:

Dr.Laxmidhar Behera

Professor,

Western lab-Room No.212A

Email: lbehera@iitk.ac.in

Department of Electrical Engineering

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