

Technical Specification for Multi-channel gamma spectrometer

Date: 17.10.2012

- Should have well counter functions including Schilling test, blood volume plus wipe test
- At least 6-channel pulse height analyser for energy discrimination & preliminary isotope identification
- Counting channels: variable from 1-1000KeV
- Automatic energy calibration & background subtraction
- NaI crystal detector of 5-inches
- Direct readouts in cpm, dpm, Curies or Bequerel
- Count rate should be maximum 600,000cps
- Radiation shield: 0.5” (1.3cm) lead outer shield
- Auxiliary shield: 0.5 thick. The top lid of the auxiliary shield should have a handle for easy removal
- At least 1 year warranty plus 2 years extended warranty without spares
- At least 5 years of comprehensive AMC post-warranty period and should be quoted separately
- The equipment should meet all state and NCR wipe test requirements

General Terms and Conditions: as per rules of IIT Delhi

1. Quotations to be made in sealed envelope. Technical and commercial bids must be sent separately in two sealed envelopes, subscribed with “technical bid” or “commercial bid” and put together in one envelope address to **Prof. Harpal Singh ,CBME, Block III/297, IIT, Hauz Khas, New Delhi-110016** latest by 01th Nov 2012.
2. Price must be quoted FOB Basis.
3. Mode of payment as per institution rules.
4. The cost should include installation and demonstration.
5. Warranty and delivery period should be mentioned.
6. Tax/Vat should be clearly indicated in the quotation.
7. Printed brochures/catalogue should be provided.