

**Subject: Quotation for Material / Equipment**

We intend to purchase goods detailed as on attached annexure. Kindly send us your best offer in accurate with following General Conditions as stated below :-

**General Conditions:**

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|-----------------------------|---|
| a) Submission of Quotation: | Quotation may be sent immediately through Fax or Courier but Original Proforma Invoice along with detailed technical brochures / literature must reach us by mail before the last date mentioned below.   |
| a) Last Date of Quotation:  | 10-06-2019  |
| b) Currency:                | Quotation should be in <b>RMB</b>   |
| c) Validity:                | At least 90 days  |
| d) Prices Basis:            | Firm and Fix C&F Prices   |
| e) Payment Mode:            | <ul style="list-style-type: none"><li>• We accept payment through L/C with condition that all domestic bank charges will be borne by us while all bank in beneficiary's country including all L/C conformation (if desired by the supplier) charges will be borne by the beneficiary, OR payment may be made against shipping documents OR after delivery of goods ( in case of small value).</li><li>• We accept Pre-payment only against unconditional &amp; irrevocable Bank Guarantee through First Class Bank.</li></ul> |
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|--------------|---|
| <b>Notes</b> | <ul style="list-style-type: none"><li>a. Quotation must be accompanied with detailed technical literature/brochure, manufacturing drawings, operational manuals, repair / maintenance manual, circuit diagrams in English language.</li></ul> |
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### Detectors' Specification

Sr. No.	Item	Specs
<b>Hand Contamination Detectors (Qty: 07)</b>		
1	Type:	Plastic Scintillator with ZnS coating with magnetically screened photomultiplier
2	Size	250 mm x 150 mm (375 cm <sup>2</sup> )
3	Useable area	240 mm x 140 mm
4	Detector Module Dimension	380 mm x 170 mm x 65 mm (L x W x H)
5	Background count rate at 50 nSv/hr	$\alpha = 0.1$ cps (approx.) $\beta/\gamma = 16-25$ cps (approx.)
<b>Foot Contamination Detectors (Qty: 05)</b>		
6	Type:	Plastic Scintillator with ZnS coating with magnetically screened photomultiplier
7	Size	300 mm x 150 mm (450 cm <sup>2</sup> )
8	Useable area	290 mm x 140 mm
9	Detector Module Dimension	430 mm x 170 mm x 65 mm (L x W x H)
10	Background count rate at 50 nSv/hr	$\alpha = 0.1$ cps (approx.) $\beta/\gamma = 16-25$ cps (approx.)

### Detectors Efficiency

Nuclide	Efficiency (%)
C <sup>14</sup>	8
Cl-36	42
Co-60	22
Sr-90 / Y-90	90
Cs-137	35
Am-241 $\alpha$	13
Pu-238 $\alpha$	12

### Electrical Specifications

Supply Voltage +5 V (DC)

Output Signal:

- i) Alpha: +5 V TTL
- ii) Beta/Gamma: +5 V TTL