

Annexure 1

Material description:

| Sl. No. | Material description | Required quantity |
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| 1 | Low Level Radon Detection System with BNC Connector, SS - 316 Planchet and internal fitting Female Swagelok Connector Model no. B-OC-88-8-PM | 8 Nos. |
| 2 | Swagelok Quick Connector Coupling, Male & Female Model no. Male-OC-8-5-S10 and Female- B-OC-88-8-PM | 10 Sets |
| 3 | Hygrometer. (Dial Type with Temperature indicator) | 2 Nos. |
| 4 | Ice Pot, Made from (SS-316 Rolled plate) double wall system | 1 Nos. |
| 5 | Moisture Trap with inner tube. Made from SS 316 Rolled plate. | 2 Nos. |
| 6 | Reservoir pot with nozzle and piping system | 1 Nos. |
| 7 | Face Mask | 5 Nos. |
| 8 | Oxygen Cylinder with measuring regulator and stand with Moving wheel. (1.4 Cub-meter Cap.) with gas | 1 Set |
| 9 | Connection tubes. Complete sets | 1 Set |
| 10 | Negative volt supplies | 2 Nos. |
| 11 | Vacuum Pump Rocker 400 model | 1 Set |

Estimated cost (approx.): Rs. 600000.

Pre-qualification criteria (PQC):

LOW LEVEL RADON DETECTION SYSTEM (LLRDS)

- Complete system of LLRDS holds the vacuum for minimum 10 Hrs.
- Standard Female Swage locks quick connector (1/2") no. B-OC-88-8-PM.
- 1 no. Swage locks connector Male No. OC-8-5-S10 for use, in vacuum of LLRDS Chamber.
- Standard BNC Connector will be fitted on part 'C'.
- SS 316 Planchet in every LLRDS.
- Outer surface will be ANODISED From ILKA; the chamber is require to be fabricated from aluminium LM-6 Sheet.
- All O rings must be made from VITRO rubber.
- All internal fitting lick Part D, Part E and currant, collector pad and SS 316 Planchet must be properly fitted and matched.