

Annexure 1

Material description:

Sl. No.	Material description	Required quantity
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)

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