

**INDIAN INSTITUTE OF TROPICAL METEOROLOGY**  
(An autonomous Institute under the Ministry of Earth Sciences, Govt. of India)  
**PASHAN, PUNE - 411008**  
**TENDER NOTICE**

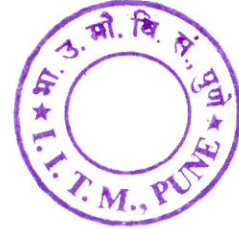
Director, Indian Institute of Tropical Meteorology, Dr. Homi Bhabha Road, Pashan, Pune - 411008 (India) invites tenders (Techno-commercial Price Bid) from Contractors registered in the approved list of contractors of PWD/MES/CPWD/Railways/P&T/Experienced Industrial Contractors and any other government departments in appropriate class for following work

Sr. No.	Tender Notice No.	Description
01.	IITM/CE/works/sewer line/2019-20/LT/02	Repair of sewer pipe line form Directors bungalow to main PMC chamber IITM, Pune-8. निदेशकों के बंगले के सीवर पाइप लाइन की मरम्मत मुख्य पीएमसी कक्ष आईआईटीएम

Date of Issue of Tender documents : 28<sup>th</sup> October, 2019  
Date of Pre bid Visit : 01<sup>st</sup> November, 2019 at 11:00 Hrs  
Last date of submission of Tender : 19<sup>th</sup> November, 2019 at 12:30 Hrs.  
Opening of Tenders (Techno- commercial bids only) : 19<sup>th</sup> November, 2019 at 15:00 Hrs.

The Institute reserves the right to reject any or all tenders without assigning any reason thereof. For details and submission of bids please visit website for the information of the prospective bidders, the tender details are also available on this Institute's Website: <http://www.tropmet.res.in>

Sd-  
सिविल अभियंता कृते निदेशक  
Civil Engineer, for Director  
ईमेल/Email : civil@tropmet.res.in



INDIAN INSTITUTE OF TROPICAL METEOROLOGY,  
Dr. Homi Bhabha Road, Pashan, PUNE - 411 008

**Tender No. IITM/CE/WORKS/sewer line/2019-20/LT/02**

**NAME OF WORK: Repair of sewer pipe line from Directors bungalow to main PMC chamber IITM, Pune-8.**

**(Techno-commercial Bid)**

Issue to M/s. \_\_\_\_\_

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INDIAN INSTITUTE OF TROPICAL METEOROLOGY, PUNE 411 008

TERMS & CONDITIONS

ENQUIRY NO: IITM/CE/WORKS/sewer line/2019-20/LT/02

Tender No. : IITM/CE/WORKS/sewer line/2019-20/LT/02

Sealed item rate tenders are invited from the experienced Contractors registered with PWD, CPWD, MES and industrial contractor for carrying out the following work at Indian Institute of Tropical Meteorology, Pune-8.

Sr. No.	Name of Work	Estimated Cost	Completion Period
1.	Repair of sewer pipe line from Directors bungalow to main PMC chamber IITM, Pune-8.	Rs. 1,48,875=23	45 days

Date of Issue of Tender documents	28/10/2019
Date of Pre bid site visit	01/11/2019 (11:00 Hrs)
Last date of receipt of Tender	19/11/2019 (12:30 Hrs)
Opening of Tenders	19/11/2019 (15:00 Hrs.)

E.M.D : ₹3000=00 (₹ Three Thousand only) DD/ Bānk guarantee from any Nationalized/Scheduled bank drawn in favor of Director, IITM Pune. EMD of unsuccessful bidders will be released on award of the work to successful bidder.

Following documents are to be submitted along with techno-commercial bid:

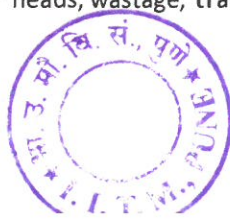
- 1) The tenderer is required to furnish the Permanent Account Number (PAN) and GST registration no.
- 2) Bank details: RTGS Details

Other terms and Condition:

- 1) This tender is not transferable.
- 2) Tenders received through Fax / E-mail / Telegraphic / Telex will not be considered.
- 3) The tenders must be clearly written or typed without any cancellations / corrections or overwriting.
- 4) Unsigned Tenders will also be rejected.
- 5) Part and incomplete tenders are liable to be rejected.
- 6) Tenders addressed to the Director, Indian Institute of Tropical Meteorology, Pune 411008 are to be submitted super scribed with Tender No. IITM/CE/WORKS/sewer line/2019-20/LT/02 for Repair of sewer pipe line from Directors bungalow to main PMC chamber IITM, Pune-8.



- 7) IITM will not be responsible:
- a) For delayed / late quotations submitted / sent by Post / Courier etc.
  - b) For submission / delivery of quotations at wrong places other than the Office of Director, IITM, Pune-8.
- 8) Contractor shall inspect the site before quoting their rates.
- 9) The rate shall be quoted inclusive of all taxes (GST etc.) duties etc. complete.
- 10) Delivery Period: As time is the essence of the contract, period of completion work **45 days** (forty five days including monsoon) mentioned in the work order should be strictly adhered to. Date of the commencement of the work will be recorded with successful bidders sign. From that date number of days for completion period will be counted.
- 11) **PAYMENT Terms:**
- a) No advance will be paid.
  - b) 95% payment will be made on completion of work & handing over of clear site to the Institute and Balance 5% will be released on completion of 12 months defect liability period from handing over the clear site to the Institute.
  - c) No any price escalation will be granted.
- 12) The prices quoted should be firm and irrevocable and not subject to any change whatsoever, even due to increase in cost of raw material components and fluctuation in the foreign exchange rates and excise duty.
- 13) IITM will not provide any accommodation/transportation for the Engineers/Representatives.
- 14) **DEFECT LIABILITY PERIOD:** Defect liability period of the work will be 12 months from the date of actual completion of work and handing over the clear site to IITM Pune.
- 15) No sub-contracting will be allowed for installation or maintaining system/ equipment/ instrument during or after warranty period.
- 16) Discount if any offered should be mentioned clearly in the commercial bid only.
- 17) **PENALTY CLAUSE:**
- If the work is not completed by scheduled time or if you leave work in half complete stage, the liquidated damages will be charged or deducted 1.0% per week of the work order cost and the maximum to 10% value of work order.
- 18) **EXTRA ITEM:**
- The rate for Extra Item shall be worked out in accordance with the following rules:
- a) The rates for the extra items shall be derived from the rate of an appropriate item of similar class for which the rate already has been accepted, where same can be directly derived.
  - b) The contractor shall bound to carry out any extra items of work as per site requirement with prior approval of the Institute's authority. The rate for extra items shall be derived from the rate already quoted. Where the items are not specified in the BOQ the rate shall be worked out at cost of material +labour cost+ taxes +10% over heads, wastage, transportation & profit.



19) **DEVIATION:** Additional work/any deviation beyond work order quantities requires prior approval of the IITM authorities before execution of such work. The permissible overall deviation from the work order value is 10% and such deviation should not be executed at site without prior approval of Institute's authority.

20) Bid security may be forfeited if

a) Bidder withdraws or amends or modifies or impairs or derogates its bid during the period of bid validity period specified by the bidder on the bid form

b) In case of successful bidder, if bidder fails to furnish the order acceptance within 15 days of the order.

21) Corrupt or Fraudulent Practices.

A) IITM requires that the bidders/contractors under this tender observe the highest standards of ethics during the procurement and execution of such contracts. In pursuance of this policy, IITM:

i) Defines for the purposes of this provision, the terms set forth as follows:

a) "Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of the public official in the procurement process or in contract execution; and

b) "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or a execution of a contract to the detriment of IITM, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive IITM of the benefits of the free and open competition;

ii) Will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

B) IITM will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that the firm has engaged in corrupt and fraudulent practices in competing for, or in executing, a contract.

22) Conditional Offers will not be considered.

23) Water for the work will be supplied at one point for execution of work. If there is scarcity of water then bidder have to arrange the water from outside with storage facility.

24) The Electricity for the execution of the work will be provided on chargeable basis. Sub meter and required cable to be arranged by successful bidder.

25) All disputes are subject to exclusive jurisdiction of Competent Court and Forum in Pune, India only.

26) The Director, Indian Institute of Tropical Meteorology, Pune 411 008, India reserves the right to accept any tender in full or in part or to reject the lowest or any or all tenders without assigning any reason.

27) The Director, Indian Institute of Tropical Meteorology, Pune will be the final authority to decide the appropriate action and it will be binding on the Vendor.

For Director

Email: [anupam@tropmet.res.in](mailto:anupam@tropmet.res.in)



# COMERCIAL- BID

NOTE: 1) Contractor shall inspect the site before quoting their rates.

2) The rate shall be quoted inclusive of all taxes, duties, octroi etc. complete



**BoQ for repair of sewer pipe line from Directors bungalow to main PMC chamber  
IITM, Pune-8.**

Sr. no.	Description	Qty	Unit	Basic Rate ₹	CGST ₹	SGST ₹	Total Rate ₹	Amount ₹
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains with precaution for water pipe line, electric cables etc., including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 500 m. All kinds of soil.	27	cum					
2	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material out of office premises as per direction of Engineer - in- charge. [ For road portion ]	1.5	cum					
3	Demolishing cement concrete manually/ by mechanical means including disposal of serviceable material in office premises and unserviceable material out of office premises as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) [ For minor PCC work]	1	cum					
4	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	1	cum					



5	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 500 metres lead as per direction of Engineer-in-charge : In cement mortar	2	cum					
6	Dismantling of manhole including R.C.C. top slab ( overall appr. size 1.55m x 1.35m ), C.I./RCC cover with frame, including stacking of useful materials near the site and disposal of unserviceable materials out of office premises as per direction of Engineer-charge : Rectangular manhole 120x90 cm and 90 cm deep	3	each					
7	Supplying and stacking at site. Moorum ( good quality and hard )	3	cum					
8	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road/vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density .	3	cum					
9	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinthlevel : 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size) [ Location : At base of new chamber]	1.2	cum					
10	Providing and laying in position specified grade of reinforced cement concrete, including the cost of provision of opening of RCC cover, centering, shuttering and finishing All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size) [ Location : Slab of new and raise chamber]	1.4	cum					





11	<p>Providing and laying design mix cement concrete of M-30 grade, in roads using cement content as per design mix, using coarse sand and graded stone aggregate of 40 mm nominal size in appropriate proportions as per approved &amp; specified design criteria, providing dowel bars with sleeve/ tie bars wherever required, laying at site, spreading and compacting mechanically by using needle and surface vibrators, levelling to required slope/ camber, finishing with required texture, including steel form work with sturdy M.S. channel sections, curing, making provision for contraction/expansion, construction &amp; longitudinal joints (10 mm wide x 50 mm deep) by groove cutting machine, providing and filling joints with approved joint filler and sealants, complete all as per direction of Engineer-in-charge.  Note:- Cement content considered in M-30 is @ 340 kg/cum.  Cement concrete prepared with batch mixing machine</p>	0.6	cum					
12	<p>Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete up to plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.  [ Location : For slab and other if require]</p>	100	Kg					
13	<p>Brick work with non modular fly ash bricks conforming to IS:12894, class designation 10 average compressive strength : Cement mortar 1:4 (1 cement : 4 coarse sand) [ Location : For new &amp; raised chambers ]</p>	3.7	cum					



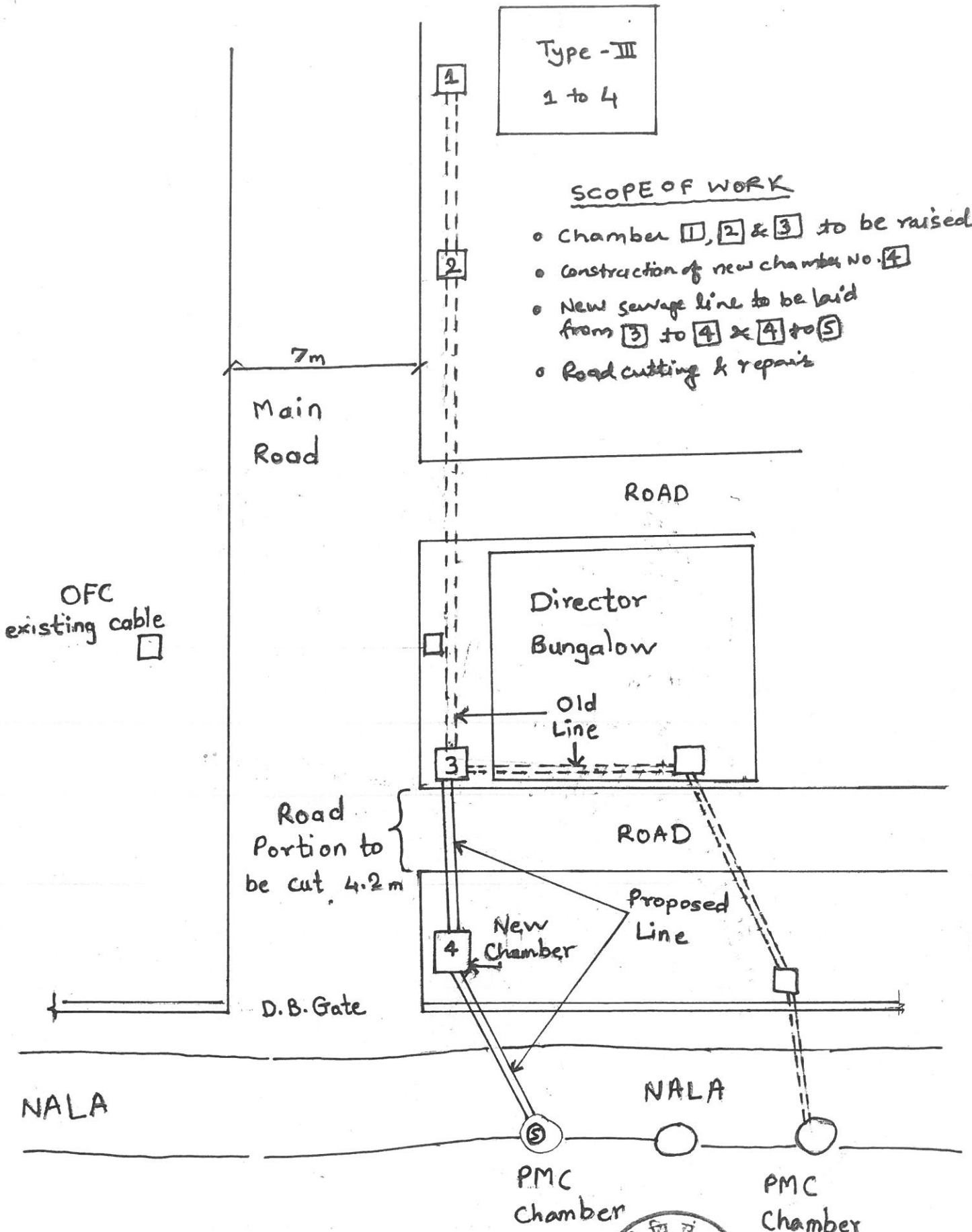
14	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand)	1	cum					
15	15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix : 1:3 (1 cement: 3 fine sand) [ Location : For new & raised chamber from inside]	12.5	sq.m.					
16	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:4 (1 cement: 4 fine sand) [ Location : For new & raised chambers from outside]	12.5	sq.m.					
17	Providing and laying non-pressure NP2 class (light duty) 250mm dia. R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete.	26	meter					
18	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality with chamfer on all sides H D - 20 Circular shape 560 mm internal diameter	4	each					
19	Dry stone pitching 22.5 cm thick including supply of stones and preparing surface at side of nala complete.	2.25	sqm					



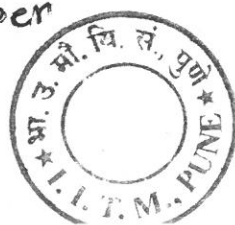
20	Making connection of drain or sewer line with existing chamber/manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement and making necessary channels for the drain etc. complete : For pipes 100 to 250 mm diameter	2	each					
21	Providing and fixing of sludge pump during execution of work with 2 HP capacity for lifting of sewage water of live line to PMC chamber as per direction of engineer in charge.	1	Job					
								Total =

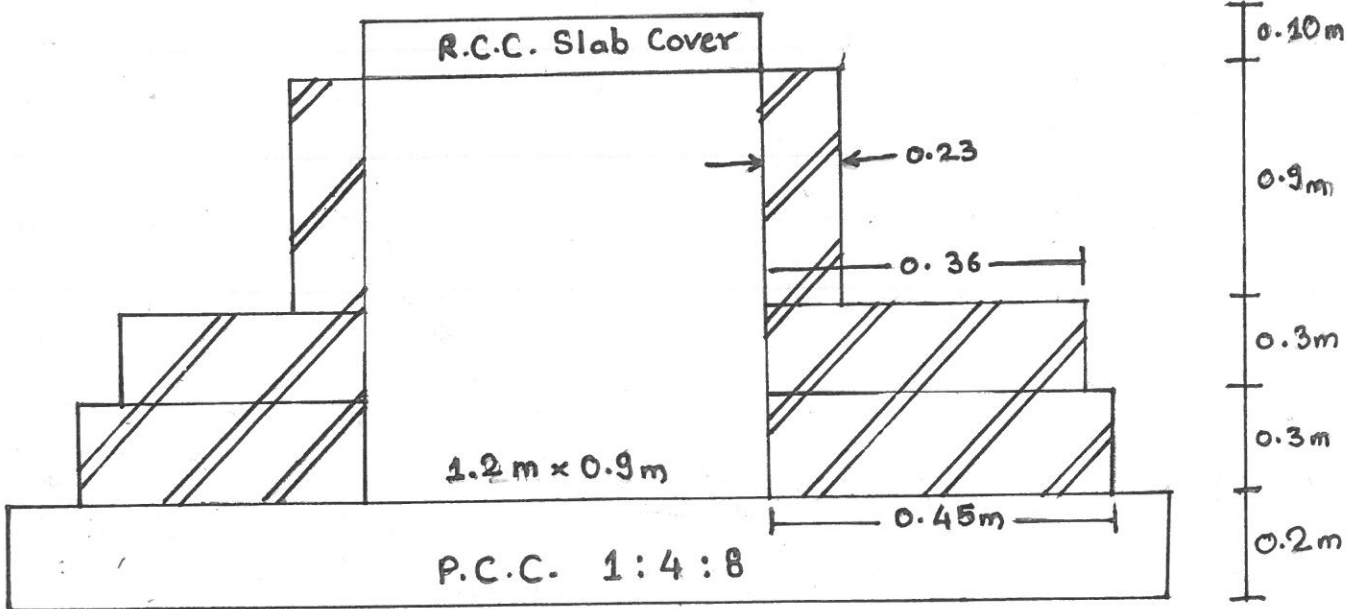


# Annexure - I



Layout





C/S of chamber for reference

