

**WORLD VISION BANGLADESH**

**TENDER NO: Ref. SCM/CONST./ITB/05/01/19**

**PACKAGE NO: CONS/NO/573865**

**TENDER DOCUMENTS**

**FOR**

Request for Proposal (RFP) for Construction and Installation of Arsenic Iron Removal Plant according to design & specification at the working area of Gowainghat CWI Project, Gowainghat, Sylhet.

**ISSUED TO:**

**Name of Company** \_\_\_\_\_

**Date** \_\_\_\_\_



## WORLD VISION BANGLADESH REQUEST FOR PROPOSAL

<b>TENDER NO:</b>	SCM/CONST/ITB/05/01/19
<b>PACKAGE NO:</b>	CONST/NO/573865

09.01, 2019

M/S: .....
<b>(Vendor)</b>
Abedin Tower(2 <sup>nd</sup> Floor), 35, Kemal Ataturk Avenue,Banani, Dhaka-1213

**RE: Invitation to Bid for Arsenic and Iron removal units (14 Nos.) with electric motor and over head tank at the working area under Gowainghat CWI Project, Sylhet.**

**Annexure-1: Work Related Information:**

Description of Work	Location of Work	Time of Completion	Eligibility of Contractors Category
Construction and Installation of Arsenic and Iron removal units (14 Nos.) with electric motor and overhead tank at the working area under Gowainghat CWI Project, Sylhet	Community Based WASH Improvement Project, Gowainghat, Sylhet	50 Days	Any relevant Bonafide Firms

**Your offer should clearly indicate the following if & when applicable:**

1. Unit price in BDT inclusive of VAT and Tax and Total Price in the BOQ
2. Rate Analysis of individual item of works is not required to submit together with the bid documents. But Rate Analysis must be submitted as and when asked by WVB Management.
3. Offer valid for 90 Days

**Other Requirements:**

1. The applicant has to make a declaration that the Business Entity has no relative or business partner in World Vision Bangladesh (WVB) who can influence the purchase decision.
2. The applicant has to agree to comply with WV Child protection Policy and will have to complete CPP Form once enlisted.
3. Bidders must submit details work Program schedule together with the bid.

Note:

- i. **Read the conditions and instructions on reverse carefully before quoting**
- ii. **Vendors have to Quote all items using this original format ( no partial quote or photocopy will be accepted)**
- iii. **Rate Analysis of individual item of works is not required to submit together with the bid documents. But Rate Analysis must be submitted as and when asked by WVB Management.**

**Manner of Submission:**

**Bids to be submitted IN A SEALED ENVELOPE WITH MARKED “Name of work & TENDER/RFQ NO.” Location: National Office of WVB described in Tender Notice**

Closing deadline: time:	January 22 , 2019 up to 2:00 PM
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**Work related information:**

1	Items / Products for Purchase & Sale:	Construction and Installation of Arsenic and Iron removal units (14 Nos.) with electric motor and overhead tank at the working area under Gowainghat CWI Project, Sylhet
2	Availability of Tender:	<b>National Office</b> : Abedin Tower (Level-II), 35 Kemal Ataturk Avenue, Banani, Dhaka-1213  <b>And</b> <b>Bdjobs.com</b>  During WVB Office Working days (Sunday – Thursday) (09:00 AM to 04:00PM) except Govt. & World vision Bangladesh Holidays.
3	Last date & time of collecting the Tender / Bid Documents by the Vendors:	Tuesday , January 22, 2019 1:00:00 PM
4	Security Deposit / Earnest Money:	5% of the quoted amount to be submitted along with the tender. Bank Draft/Pay Order to be issued in favor of “WORLD VISION BANGLADESH” from any schedule bank to be drawn on any branch in Dhaka. Please note that PO is applicable for banks inside Dhaka & DD is applicable for banks outside Dhaka. MICR DD/PO Must submit
5	Place of Receiving the Tender:	<b>National Office of World Vision Bangladesh</b> described in the Tender Notice
6	WVB Contact regarding Technical Specification:	Engineering Sector (SCMD), WVB. Cell#01755625764

7	Submission of Tender:	Tuesday 22 January 2019 up to 2:00 PM
8	Date, time and place of opening Tender:	Tuesday, 22 January 2019 at 2:30PM : National Office, Abedin Tower (2 <sup>nd</sup> Floor), 35, Kemal Ataturk Avenue, Banani, Dhaka-1213
9	Validity of Tender:	90 days from the date of submission.
10	Tender Price	Free of cost.

**Note :**

1. Contractor must not sub-contract the job to any other party or transfer the job to any other party by way of a Power of Attorney or any other means (it does not apply when an employed worker of the contractor's firm does the job). If so happens, contractual agreement will cease to exist and the earnest money so deposited will be forfeited and enlistment with WVB will be cancelled.
2. The WVB is not bound to accept the lowest quoted rate and reserves the right to accept or reject any or all the Tenders without showing any reason and acceptance of any liability.
3. Rate Analysis of individual item of works is not required to submit together with the bid documents. But Rate Analysis must be submitted as and when asked by WVB Management.

**Timothy S. Chakraborty**

Acting National Engineer  
World Vision Bangladesh.

# **Annexure-2: CP Behavioral and Security Policy Protocol**

**CP Behavioral and Security Policy Protocol-FY-2016**

**To be signed by Staff/Interns/volunteers/Contractors/Board members/Consultants of WV Bangladesh  
(During accepting the offer)**

All WV staffs, volunteers, interns, donors, visitors-outside from World Vision Offices, partners and independent consultants, contractors, acknowledge in writing the receipt and understanding of WV Bangladesh behavior protocols and also committed to abide by this. Any violation of the provisions of this document will be ground for taking any disciplinary or legal action by WVB authority to the person as appropriate.

**My Commitment:** I am aware of the pertinent sections of World Vision Bangladesh Child Protection and Security Policy, procedures & protocols and I commit that:

1. I will behave with children with due respect to their rights, respective perception and language.
2. I will always be appropriate and culturally sensitive during all interactions with children in particular.
3. I will not stay alone with any child, whether in the child's house or elsewhere.
4. I will always comply with two adult rule during conducting WVB work where two or more adults will be visible, supervise and be present at all time when children are involved.
5. I will only photograph project children when they are appropriately dressed, and I will respect their dignity and right to privacy at all times.
6. I will take consent from parents/legal guardians/children themselves before taking photograph and will keep record of the consent in the file.
7. I will not use verbal conduct such as derogatory comments, pornography, sexual advances, unwanted invitations, or use of power and authority to persuade a child.
8. I will not hold, fondle, hug, kiss, or touch the children in any inappropriate or culturally offensive way.
9. For any confirmed instance of abuse or exploitation or inappropriate behavior towards children in general I realize that I will be subject to appropriate action by appropriate authority of WVB and LEA members of Bangladesh where necessary in addition to disciplinary action and leave myself open to any consequent decision that such behavior from my side will result in.
10. I will comply with any investigation (external and internal) of the violation of the WVB Child Protection Policy and Standards and committed to make available of information or any document necessary for the completion of the investigation.
11. I will be intentional in caring to the needs and in protecting the rights of the children during my tenure of service with World Vision.

**CP Behavioral and Security Policy Protocol-FY-2016**

12. I am aware of WV's policy on Kidnapping and Hostage situation where no ransom will be paid or gain will accrue to those who employ such methods. I confirm that my understanding that WV Bangladesh will not be responsible in the event of a kidnap or hostage situation.
13. I am aware of the country's political and security situation and will follow WVB's security advice. I will not hold WVB responsible if anything goes wrong with regard to my personal security during my tenure of service with World Vision Bangladesh.
14. I will not hire children bellow 18 years of age in any form of child labor, in particular will not hire as house made/help. (Child labour is work that is mentally, physically, socially or morally dangerous and harmful to development of children, or that interferes with their schooling. See ILO Convention 182 and 138 for further explanation of child labour.)
15. I will not behave in an inappropriate physical manner, or develop a sexual relationship with a child (under 18 years old), regardless of legal age of consent in the country.
16. I will not condone or participate in behaviour with a child which is illegal, unsafe or abusive; including harmful traditional practices such as early marriage, dowry, and spiritual or ritualistic abuse.
17. I will not hit, mentally torture or use other corporal punishment against a child while the child is in care of WVB or under any project of WVB.
18. Unless it is absolutely necessary and with parental and management consent I will not take a child alone in a vehicle for any of WVB work.

**I have read, understood and I agree to adhere to the Behavior Protocols of World Vision Bangladesh.**

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**Signature**  
Name:  
ID No:  
Department/ADP/Project:

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**Date**  
Designation:

**Annexure-3: Declaration of Conflict of Interest**

Having examined my relationships with other organizations and employees of World Vision Bangladesh to the best of my knowledge, and nothing that if in doubt a relationship should be disclosed for further discussion, I have carefully reviewed each of the four statements below and marked either “yes” or “no” for each with additional information where necessary.

Circle	<b>O</b>	the appropriate
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**Answer for each**

- 1 YES NO I/My Business Entity have/has a financial interest in or otherwise involved with, an organization or person with which World Vision Bangladesh or any of its office has business or ministry dealings.

Sl.	Name of Organization	Office or Interest in Organization

- 2 YES NO I/My Business Entity am/is involved in any dispute with, World Vision Bangladesh or any of its office has business or ministry dealings.

If Yes, explain: \_\_\_\_\_

- 3 YES NO The following staff employed by World Vision Bangladesh or, other World Vision entities are related to me/my Business Entity. This is a complete list of individuals related to me/my Business Entity who are employed by World Vision Bangladesh/ other World Vision entities.

Sl.	Name of WVB Employee	Position held in WVB	Relation

- 4 YES NO I have no relationships, business affiliations, involvements, associations, positions, financial interests, gifts, loans or other transactions to disclose.

I hereby certify that my answers to statements 1-4 above are accurate and that all the information I have declared above is true and is fully updated to the best of my knowledge.

\_\_\_\_\_  
Signature with Seal  
Date:

Annexure-3, BILL OF QUANTITIE AND DRAWING

WORLD VISION BANGLADESHI

Gowainghat CWI Project

**BOQ for Arsenic and Iron removal units (14 Nos.) with electric motor and over head tank  
at the working area under Gowainghat CWI Project, Sylhet.**

BILL OF QUANTITIES (BOQ)

Item No	Description of items	Unit	Quantity	Rate in Taka	Amount in Taka
1	Mobilization of materials, equipments, tools and plants, temporary labor shed, to arrange proper sanitation and water facilities for labors etc. all complete as per the direction of Engineer-In-Charge.	L.S.	1		
2	Earthwork in excavation of foundation trenches, including layout, by excavating earth to the lines, grades and elevation as shown in the drawing providing center lines, local bench mark pillars, fixing bamboo spikes and marking layout with chalk powder filling baskets, carrying and disposing of all excavated materials at a safe distance designated by the E-I-C in all types of soils except rocky, gravelly, slushy or orgganic soil, levelling, ramming, dressing and preparing the base, etc. all complete for an initial excavation depth of 2m and an initial lead not exceeding 20m, including arranging all necessary tools and equipment at work site etc. Complete as per direction of the Engineer in charge.	Cum	3.500		
3	Sand filling in foundation trenches and inside plinth with sand (minimum FM 0.80) in 150mm layers in/c leveling, watering and consolidating each layer up to finished level etc. all complete as per direction of the E-I-C. Dry density after compaction shall not be less than 95% of MDD (STD).	Cum	3.000		
4	Single layer brick flat soling with 1st class or picked bricks, true to level, camber/super elevation and grade including carrying bricks, filling the nterstices tightly with sand of minimum FM 0.80, etc. all complete as per direction of the E-I-C.	Sqm	10.300		
5	Providing single layer polythene sheet (0.18mm thick) weighing one kilogram per 6.5 square meter in floor or any where in ground floor underneath the cement concrete, etc. all complete as per specifications and direction of the E-I-C.	Sqm	10.300		
6	75mm thick lean cement concrete (1:2:4) in floor and wherever needed with Portland cement, best quality coarse sand (minimum FM1.2) and 20mm down graded picked chips in/c chips screening, mixing, laying, compacting, washing of sand, curing for requisite period, etc. all complete as per direction of the E-I-C.	Cum	0.850		
7	Brick work with 1st class bricks in cement mortar (1:4) in foundation and plinth, filling the interstices tightly with mortar, raking out joints, cleaning and soaking bricks at least for 24 hours before use, washing of sand, curing for requisite period, etc. all complete as per direction of the E-I-C. (Minimum FM of sand:1.2)	Cum	2.700		
8	125mm brick work with 1st class bricks in cement mortar (1:4) and making bond with connected walls in/c necessary scaffolding, raking out joints, cleaning and soaking the bricks at least for 24 hours before use, washing of sand, curing for requisite period, etc. all complete as per direction of the E-I-C for all floors. (Minimum FM of sand:1.2)	Sqm	8.660		

9	75mm brick work with 1st class bricks in cement mortar (1:4) and making bond with connected walls in/c necessary scaffolding, raking out joints, cleaning and soaking the bricks at least for 24 hours before use, washing of sand, curing for requisite period, etc. all complete as per direction of the E-I-C for all floors. (Minimum FM of sand:1.2)	Sqm	1.800		
10	Minimum 12 mm thick cement plaster (1:4) to dado and plinth wall up to 150mm below ground level with neat cement finishing including washing of sand, finishing the edges and corners and curing for the requisite period etc. all complete as per direction of the E-I-C (Sand of minimum FM 1.2 be used).	Sqm	56.410		
11	Reinforced cement concrete works (1:2:4) having minimum cylinder crushing strength 170kg/cm <sup>2</sup> at 28 days with Portland Cement, best quality coarse sand (50% quantity of sand of minimum FM 1.2 and 50% quantity of coarse sand of minimum FM2.5) 20 mm down graded picked jhama brick chips in/c breaking chips and screening, centering, shuttering, making shuttering fully leak proof, placing of rod in position, mixing the aggregates with curing at least for 28 days (excluding the cost of reinforcement and its fabrication) etc. all complete as per direction of the E-I-C.				
	In Slab	Cum	0.730		
12	Supplying and fabrication of M.S High strength deformed bar/ Twisted bar reinforcement of required size (10mm, 8mm & 6mm diameter) and length for all types of RCC work in/c straightening the rod, removing ruts, cleaning, cutting, oking, bending, binding with supply of 22 B.W.G. GI wire, placing in position, in/c lapping, spacing and securing them in position by concrete blocks (1:1), metal chairs, etc. complete in/c cost of all materials, bour, local handling incidentals necessary to complete the work as per specifications, drawings and direction of the E-I-C. (Measurement will be based on standard weight of 490 lbs/ft <sup>3</sup> . Chairs, laps and separators will not be measures for payment. The cost of these remains inclusive in the unit rate). M.S. Rod, deformed (grade 40, billet, SK-30) 275-grade deformed bar with minimum fy=275 MPa: up to ground floor	Kg	36.96		
13	<b>Filter Media (Filter Loading Materials)</b>				
a	Stone Chips: 12.5mm down graded (up to 6.25mm) stone chips supplying, laying & spreading in the Horaizental Roughting Filter tank as per design and direction of the .Engineer- in-charge.	Cum	0.50		
b	Stone Chips: 18.75mm down graded (up to 12.5mm) stone chips supplying, laying & spreading in the Horaizental Roughting Filter tank as per design and direction of the .Engineer- in-charge.	Cum	0.35		
c.	Sand: Course sand (F.M value of 2.0-2.5) supplying, laying & spreading in the Slow Sand Filter tank & making point fittings in the tank as per design and direction of the .Engineer- in-charge.	Cum	1.00		
14	<b>Aeration Chamber, Roof Frame, Gate &amp; Fiatbar:</b>				
a	Aeration Tray: Supplying, Fitting, & Fixing the Aeration Tray With 22 Gauge Mat Sheet. All Complete as per Design and Direction of the Technical Supervisor-in-Charges.	Sqm	1.47		

b	Roof Frame Over Gravel Chamber & SSF: Supplying, Fitting, Fixing of Roof Frame ( Provision of Single Leaf) With 38mm '38mm '5mm MS angle & 25mm '5mm flat iron bar with 20 gauge plain mat sheet & coloring (Setting hinge & fixing with wall by clamp and painting) in all complete as per drawing and direction of the engineer-in-charges	Sqm	3.2		
c.	Angle setting: 25mm' 25mm' 5mm angle setting with hinge joint and fixing with wall by clamp and painting in all complete as direction of the technical supervisor-in-charges	Kgs	4.25		
d.	Tin Setting: Tin roof for intel aeration tray of best quality to be ensured & hinged with angle by clamp including labour cost all complete as direction of the technical supervisor-in-charges	Pcs	1		
e.	Gate of Motor: Supplying, Fitting and Fixing of gate of motor (Provision of single leaf) with 38mm' 38mm' 5mm MS angle & 10mm flat iron bar of size 20"x20" & coloring (Setting hing & fixing with wall by clamp and painting) in all complete as per drawing and direction of the engineer-in-charges	Kgs	6		
f.	Flatbar Setting: Flatbar With rebar all complete as per drawing and design and direction of the technical supervisor-in-charges	Sqm	3.5		
g.	Net Setting: Plastic net etc. all complete as per drawing and design and direction of the technical supervisor-in-charges	Sqm	4		
15	<b>Materials &amp; Fitting for Internal Pumping Work:</b>				
a.	38mm dia D-Class UPVC Pipe (Brand-Gazi/ Aziz/ National Polymer)	Rm	9.14		
b.	18.78mm thread pipe for aeration tray	Rm	5		
c.	38mm dia D-Class UPVC Strainer (Brand-Gazi/ Aziz/ National Polymer)	Each	1		
d.	18.75mm nomal pipe for making holes on slab	Each	2		
e.	Supplying, fitting, & fixing 38mm UPVC elbow in all complete as per design and direction of the technical supervisor-in-charges	Each	4		
f.	Supplying, fitting, & fixing 38mm PVC Tee Socket	Each	2		
g.	Filter net normal	Each	1		
h.	Scotch tape (Osaka)	Each	1		
16	<b>Plumbing Work in Wash out Point</b>				
a.	Supplying, Fitting & Fixing 38mm dia best quality galvanized iron pipe (GI) pipe outside dia-48mm. Wall thicknes 4.05mm & length 0.381m or 15 inches with one sidet thead and welding with ring for leak proofing.	Pcs	4		
b.	50mm dia D-class UPVC Coil Pipe for drainage. (Brand-Gazi/ Aziz/ National Polymer)	Rm	9.1		
.c.	Supplying, fitting & fixing 38mm brass gate valve in all complete as design and direction of the technical supervisor-in-charges		4		
d.	Supplying, fitting & fixing 38mm GI elbow in all complete as design and direction of the technical supervisor-in-charges	Each	4		
e.	Supplying, fitting & fixing 25mm to 18.75mm GI Reducer elbow in all complete as design and direction of the technical supervisor-in-charges	Each	2		

f.	Supplying, fitting & fixing 38mm GI nipple in all complete as per design and direction of the technical supervisor-in-charges	Each	4		
g.	25mm thread pipe for over flow (22 inches) with one sided thread	Each	2		
h.	Thread tape	Pcs	8		
17	<b>Plumbing Work in Collection Point</b>				
a.	Supplying, Fitting & Fixing 25mm dia best quality galvanized iron pipe length 0.56 meter or 22 in inches with both sided thread and welding with ring for leak proofing	Pcs	2		
b.	Supplying, fitting & fixing 25mm GI elbow in all complete as per design and direction of the technical supervisor-in-charges	Each	4		
c.	Supplying, fitting & fixing 25mm to 12mm dia GI reducer socket in all complete as per design and direction of the technical supervisor-in-charges	Each	2		
d.	Supplying, fitting & fixing 12mm brass bip cock (Special Quality) in all complete as per design and direction of the technical supervisor-in-charges	Each	2		
e.	Thread tape	Pcs	2		
18	<b>Plumbing Work for Motor &amp; Tank Setting</b>				
a.	38mm '25mm Tee	Pcs	1		
b.	25mm Check valve	Pcs	1		
c.	25mm Ball Valve	Pcs	1		
d.	19mm Ball Valve	Pcs	1		
e.	19mm Nipple	Pcs	3		
f.	25mm elbow	Pcs	10		
g.	25mm socket	Pcs	5		
h.	25mm union	Pcs	2		
i.	25mm '19mm elbow	Pcs	1		
j.	19mm '13mm elbow	Pcs	1		
k.	25mm best quality thread pipe	Rm	12		
l.	19mm best quality thread pipe	Pcs	1		
m.	Thread tape	Pcs	5		
n.	Best quality PVC water tank available in local market of capacity 500L (Gazi / RFL/ Modina)	Pcs	1		
o.	1Hp-10M motor available in local market( Preferable - Gazi or RFL) of best quality	Pcs	1		
p.	Mistry labour and installation charge	Each	1		
19	<b>Multicunnection With Tube Wells:</b>				
a.	Supplying, fitting & fixing 6 Nos. hand pump, RFL heavy type, with all necessary fitting & all complete as per design and direction of the technical supervisor-in-charges	Each	1		
b.	38mm GI pipe	Rm	6.1		
c.	38mm D Class UPVC pipes (Brand-Gazi/ Aziz/ National Polymer)	Rm	22.9		
d.	38mm check valve	Pcs	2		

e.	38mm GI elbow	Pcs	5		
f.	38mm GI Tee	Pcs	1		
g.	38mm GI union	Pcs	1		
h.	38mm GI end cap	Pcs	1		
i.	38mm GI Nipple	Pcs	5		
j.	38mm GI cut piece (lump sum)	Pcs	2		
k.	Thread tape	Each	4		
l.	Mistry labour and installation charge including electrical materials and fitting	Each	1		
20	<b>Otehrs:</b>				
a.	Manhole Cover: Supplying, Fitting & Fixing the 450mm dia manhole cover with 3 welded clips, all complete as per design and direction of the technical supervisor-in-charges	Each	1		
b.	Name Plate: Name Plate of safe water option making by white marble stone (Size: 300mm'375mm) in all complete as per design and direction of the technical supervisor-in-charges	Each	1		
c.	Sludge pit with three ring and slub including drain pipe as per design	Each	1		
d.	Sand screening net ( Size: 3' 4')	Each	1		
e.	Polythene for slab casting	Each	0.5		
f.	Wire mash 9if needed)	kgs	2		
g.	Foam	L.S.	1		
h.	Ful jharu	Pcs	1		
i.	Blade	Pcs	2		
j.	Cork Sheet	Pcs	1		
k.	Lock	Pcs	2		
l.	Brush	Pcs	1		
m.	Supplying, fitting & fixing a key lock (Best Quality) for manhole cover in all complete as per design and direction of the technical supervisor-in-charges	Each	1		
n.	Chlorination bucket including drouping system ,as per design	Each	1		
			Total Quoted Amount for 1 (One) AIRP in Tk. =		
			Total Quoted Amount for 14 (Fourteen) AIRPs in Tk. =		

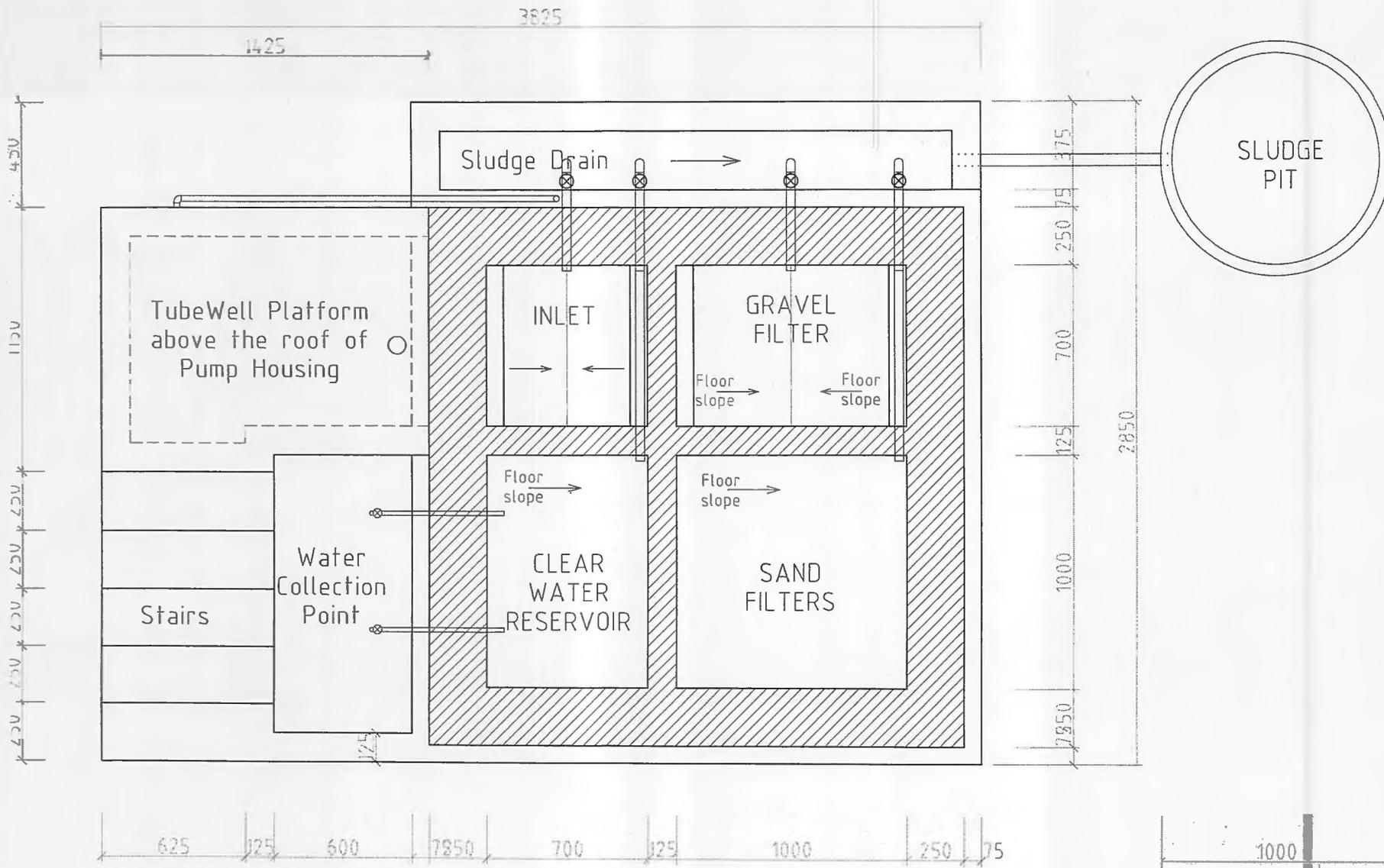
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Vendors Signature :

Vendor"s Name:

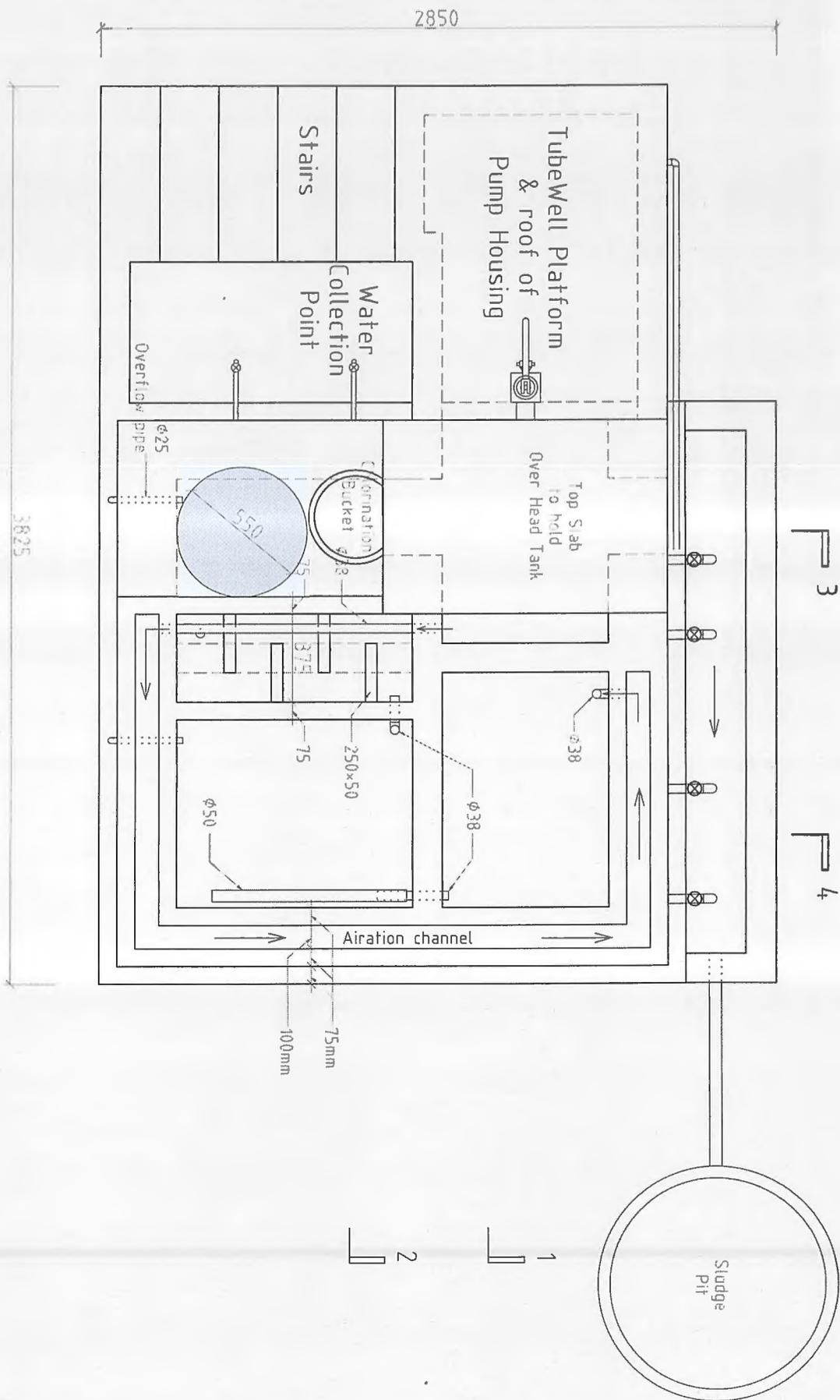
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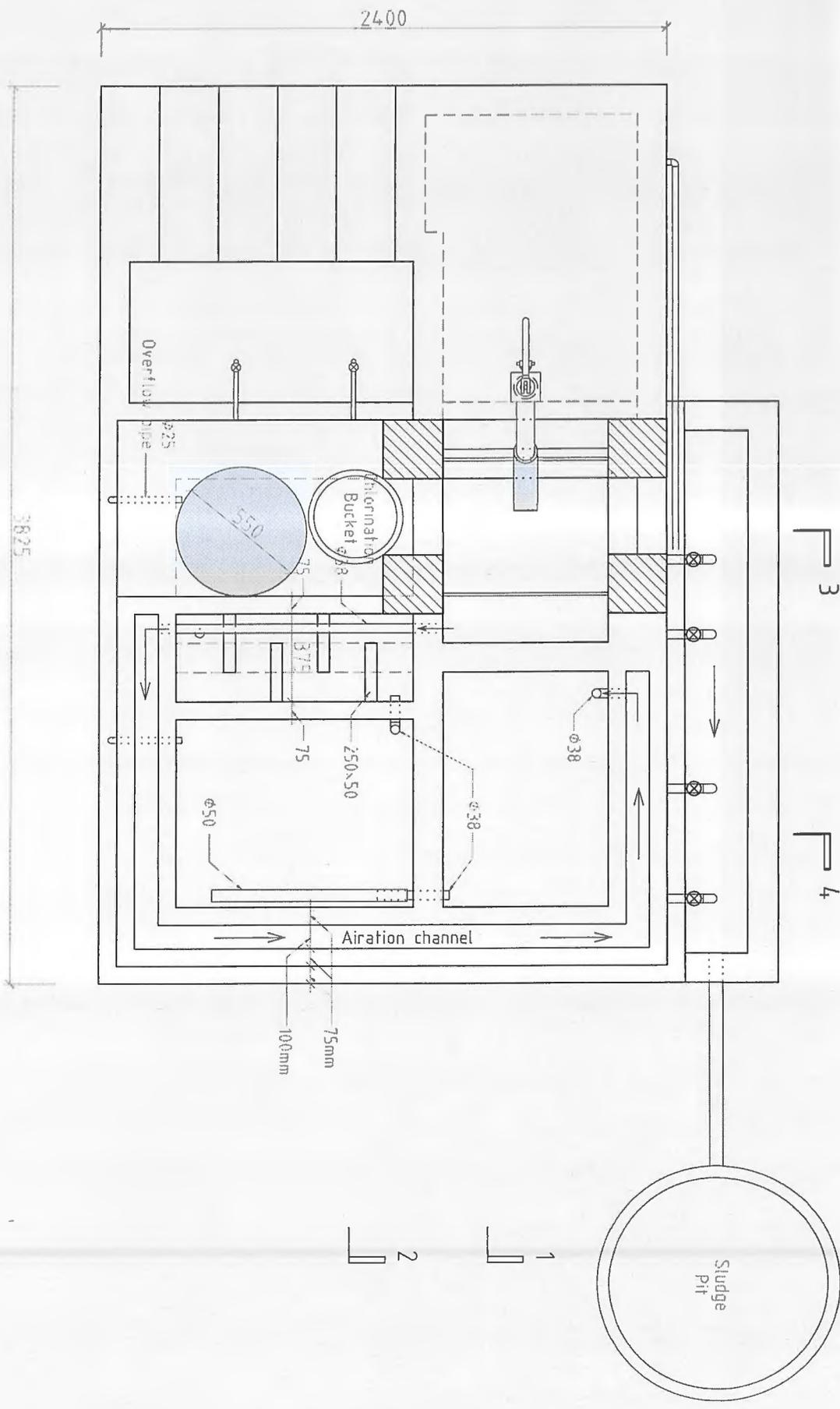


# PLAN

All dimensions in mm

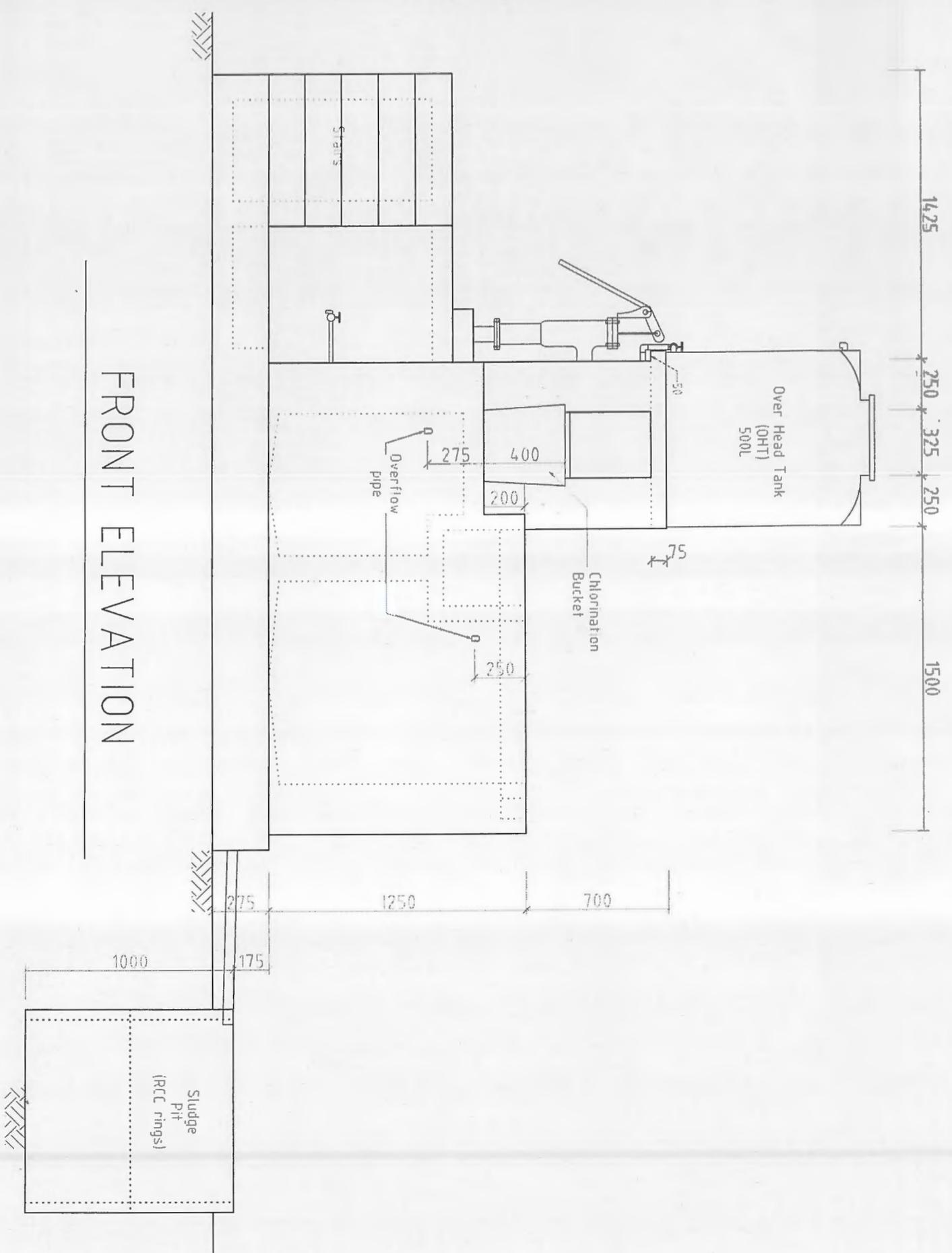


TOP VIEW (WITHOUT COVER)

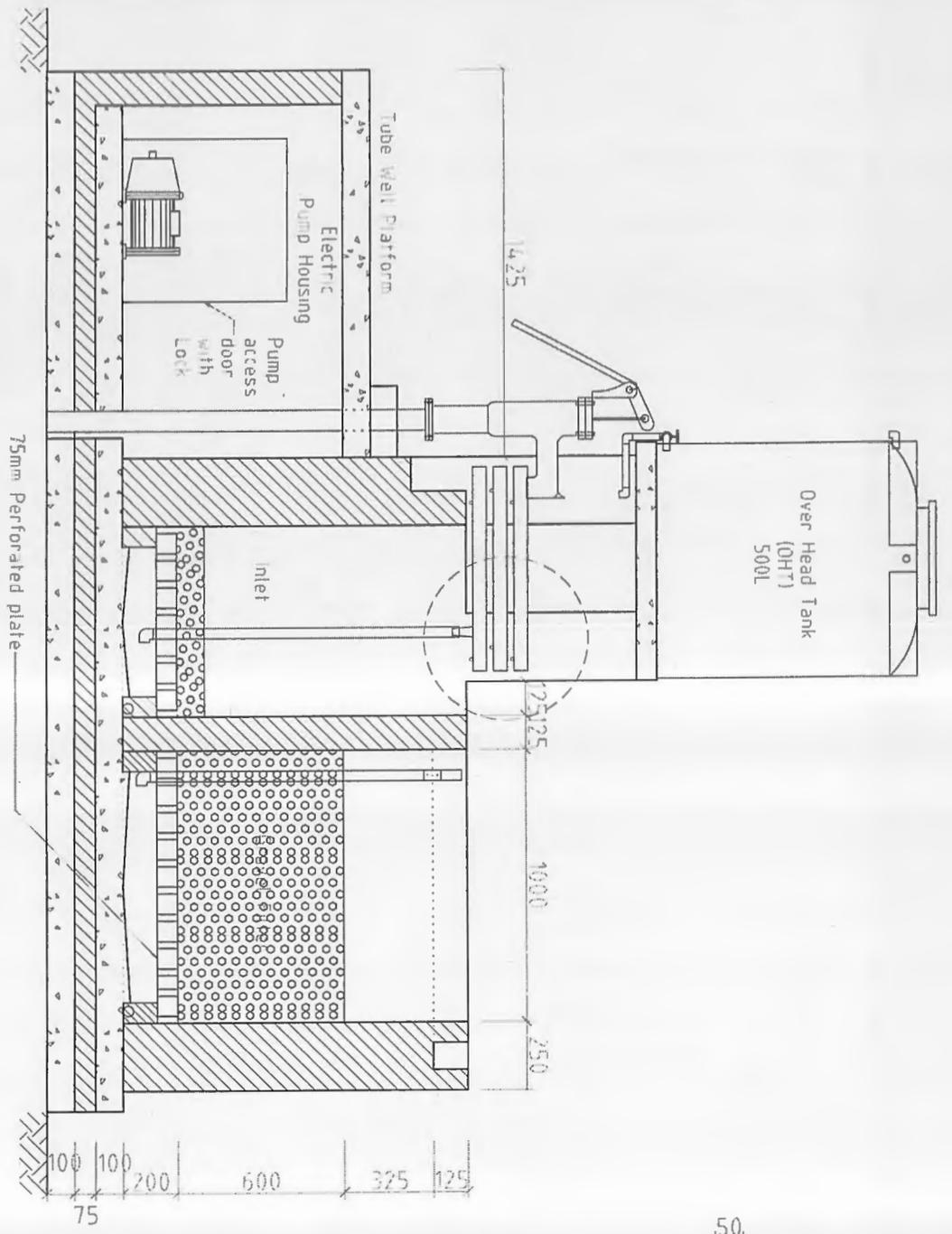


TOP VIEW (Without cover & Top slab)

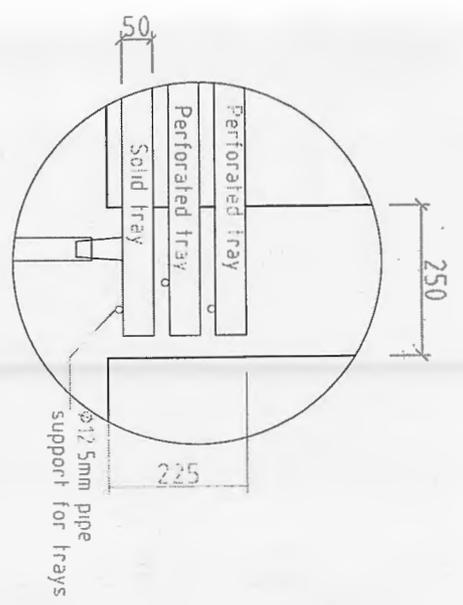
# FRONT ELEVATION







SECTION 1-1



AERATION TRAY DETAIL

