

TENDER NOTICE

1. Background

Bakshi Ka Talab (BKT) Nagar Panchayat, located in Lucknow District, Uttar Pradesh, has witnessed rapid urbanization and a corresponding increase in the generation of faecal sludge from on-site sanitation systems such as septic tanks and pit latrines. In the absence of a comprehensive underground sewerage network, most households and commercial establishments rely on decentralized sanitation systems that require periodic desludging. Without adequate treatment infrastructure, faecal sludge is often disposed of indiscriminately, leading to contamination of surface water and groundwater resources, environmental degradation, and significant public health risks.

To address these challenges, the proposed 25 KLD Faecal Sludge Treatment Plant (FSTP) is being developed at Bakshi Ka Talab Nagar Panchayat to provide a scientifically designed, decentralized treatment facility for septage collected from the Nagar Panchayat and its surrounding service area. The project has been planned in accordance with the guidelines of the Ministry of Housing and Urban Affairs (MoHUA), Government of India, and supports the objectives of Swachh Bharat Mission–Urban (SBM-U 2.0) by promoting safe collection, transportation, treatment, and environmentally sound disposal or reuse of faecal sludge.

The proposed FSTP incorporates a multi-stage treatment process consisting of a Screen Chamber, Sludge Drying Beds, Settler, Anaerobic Baffled Reactor (ABR), Anaerobic Filter (AF), Planted Gravel Filter (PGF), and Treated Water Collection Tank. The treatment system has been designed to achieve effective removal of suspended solids, organic matter, nutrients, and pathogens, thereby producing treated effluent and stabilized biosolids suitable for safe disposal or beneficial reuse in accordance with applicable environmental standards.

2. Objectives and Location Profile

Objectives

The primary objectives of the proposed 25 KLD Faecal Sludge Treatment Plant are to:

- Establish a scientifically designed treatment facility for safe treatment of faecal sludge generated from on-site sanitation systems.
- Prevent indiscriminate disposal of septage into drains, open land, ponds, and water bodies.
- Reduce pollution of surface water and groundwater through efficient treatment of faecal sludge.
- Improve public health and environmental sanitation within the service area.
- Promote resource recovery through safe reuse of treated water and stabilized biosolids wherever feasible.
- Develop a sustainable, energy-efficient, and low-maintenance faecal sludge treatment system using decentralized treatment technologies.
- Strengthen the faecal sludge management framework of Bakshi Ka Talab Nagar Panchayat in compliance with national FSM guidelines and Swachh Bharat Mission–Urban (SBM-U 2.0)

Location Profile

The proposed 25 KLD Faecal Sludge Treatment Plant (FSTP) is located at Akhori, Ward No-14 Bakshi Ka Talab (BKT) Nagar Panchayat, Lucknow District, Uttar Pradesh. The treatment facility has been planned to cater to the faecal sludge generated from households, commercial establishments, institutions, and other on-site sanitation systems within the Nagar Panchayat and its surrounding service area.

The selected site has been identified considering land availability, accessibility for desludging vehicles, environmental suitability, and future operational requirements. The site is well connected through an all-weather road network, ensuring uninterrupted movement of vacuum tankers and operation and maintenance vehicles.

Interested Bidders are required to submit their complete proposal along with all terms and conditions to Email id: WAIProcurementUP@wateraid.org by **25th August 2026** which should necessarily include:

Nature of Work: Retrofitting of a 25 KLD Faecal Sludge Treatment Plant (FSTP) for safe and sustainable faecal sludge management.

Place of Work: Ward No-14, Akhori, Bakshi Ka Talab (BKT) Nagar Panchayat, Lucknow District, Uttar Pradesh

For any queries pertaining to the tender, please write to **on or before 22nd August 2026**.

Profile of the organization, given as per the below-

3. Profile of Bidder

- Name of Organization:
 - Registration Certificate:
 - GST Certificate
 - MSME Certificate (if registered)
 - 3 years Tax return File (attached) & three years Balance sheet.
 - Address for correspondence:
 - Office Phone:
 - Mobile Phones of corresponding officials:
 - Email for correspondence:
 - Locations of operations (Head office and Branch offices):
- All certificates must be attached.

4. Terms and Conditions:

- Proposals should be addressed to Jal Seva Charitable Foundation, **2/92, Vishal Khand Gomti Nagar Lucknow 226010**
- The Proposal must be on the company letter head with date, signature and company seal. (It is to be signed by the authorized person).
- Proposals must be submitted to Procurement Email ID:
- WAIProcurementUP@wateraid.org Any proposal submitted to any other email id will not be considered.
- The Proposal to be submitted as two separate attachments
 - Technical proposal as per the BOQ
 - Financial proposal in non-editable PDF Format.
- The proposal must have the subject mentioning the village name given in the table below of point 12.
- The proposal must be submitted as a separate attachment.** Kindly recommend the BOQ given.
- Proposals received after due date will not be considered.
- Financial proposals must be submitted inclusive of applicable taxes and mentioning the validity of the quoted rate.
- All terms and conditions must be clearly mentioned in the proposals.
- Incomplete proposals shall not be considered.
- The work shall be completed on or before 30th October 2026**
- Payment shall be released based on the actual work completed and verified.**

a. Please provide details of two referees for the similar work done

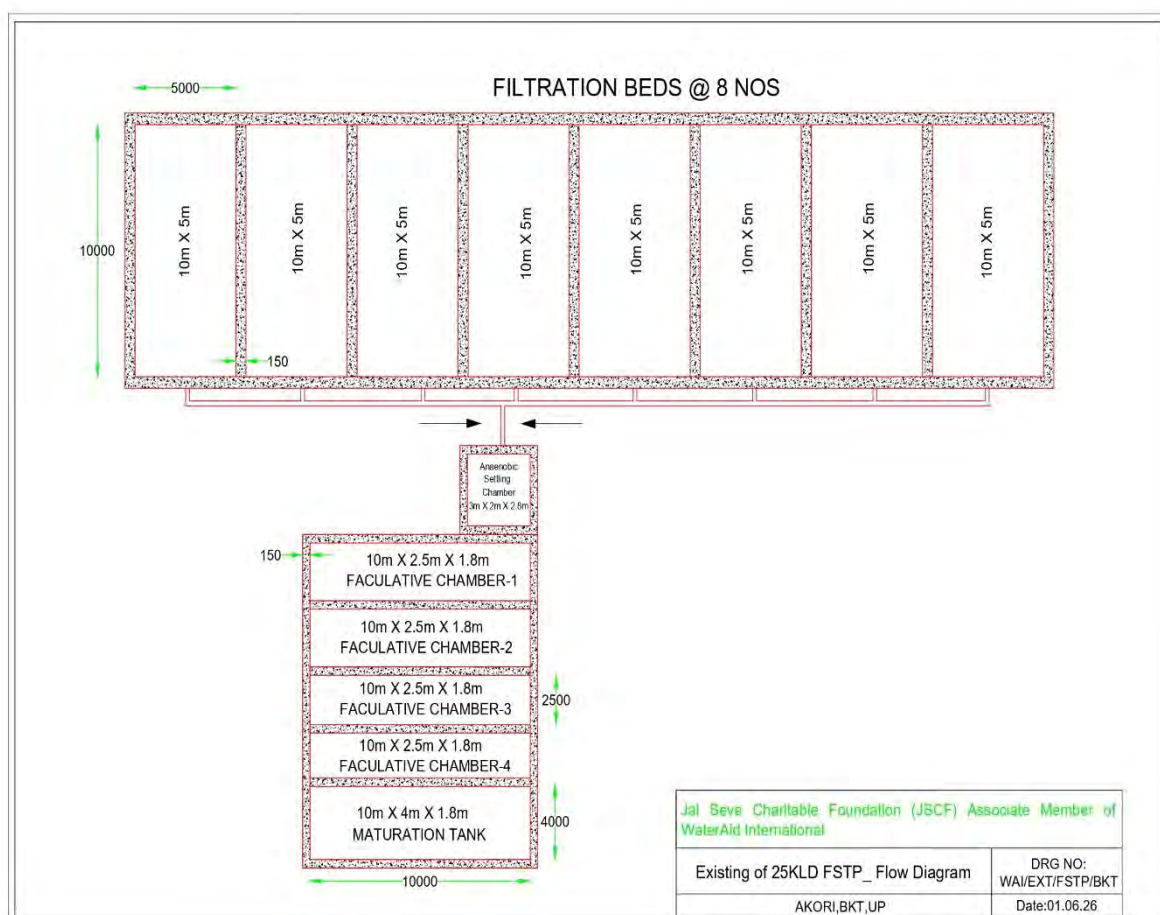
Description	Referee 1	Referee 2
Name		
Designation		

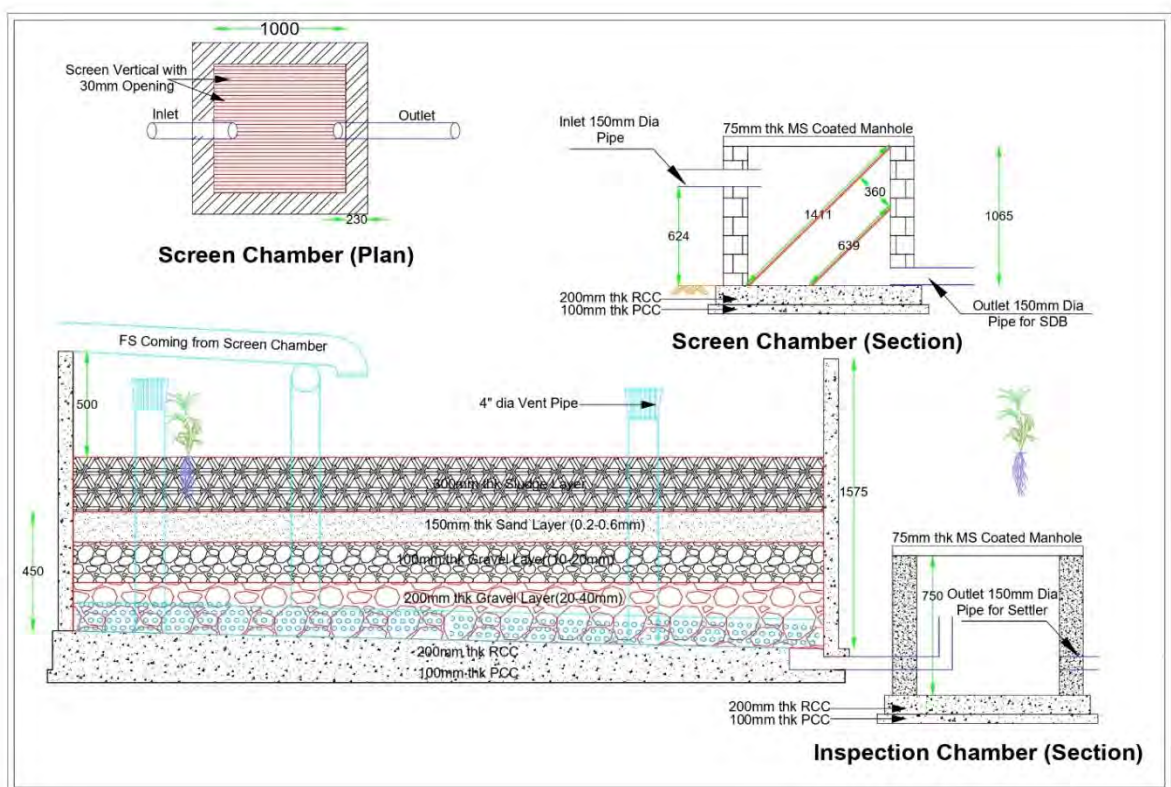
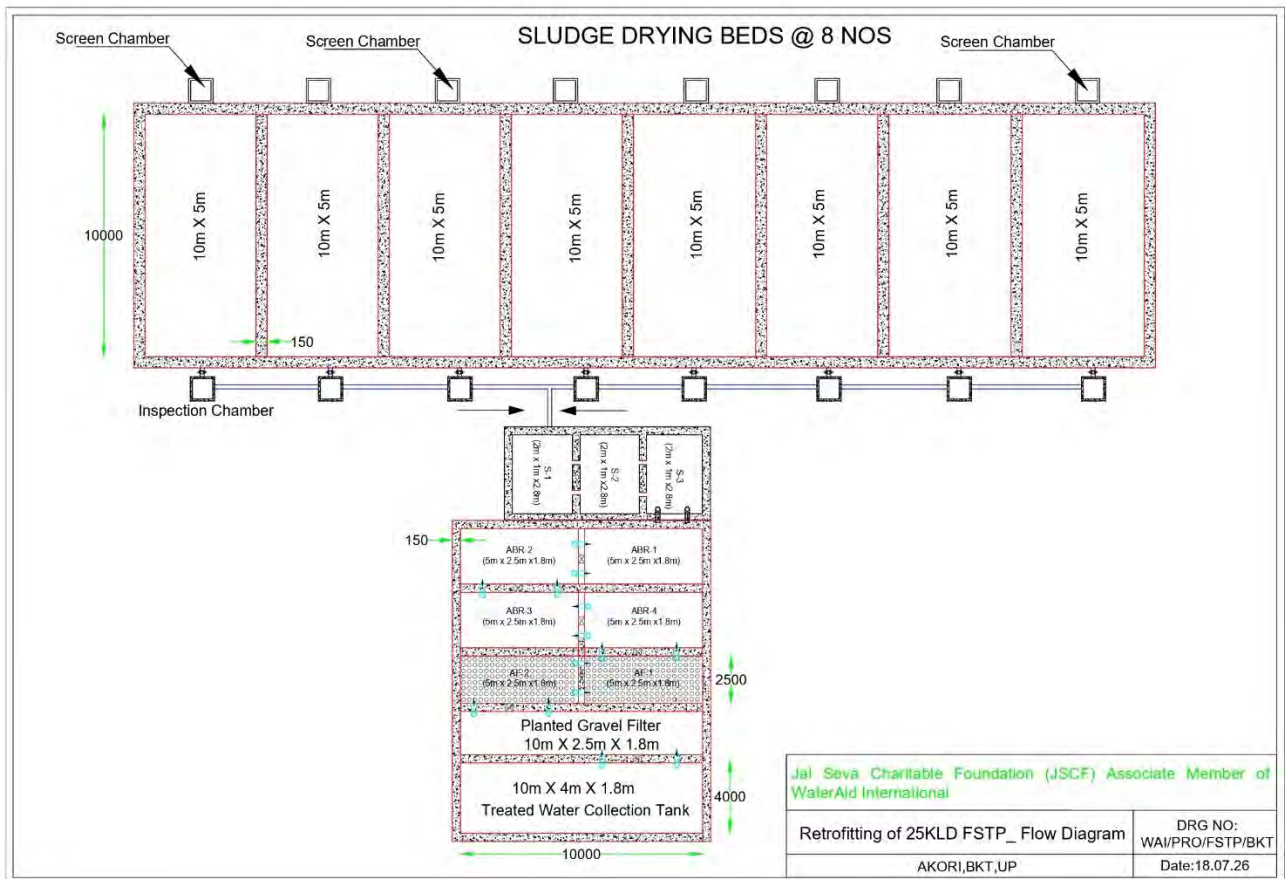
Description	Referee 1	Referee 2
Organization		
Description of assignment Undertaken		
Phone/ Mobile/ Email of referee		

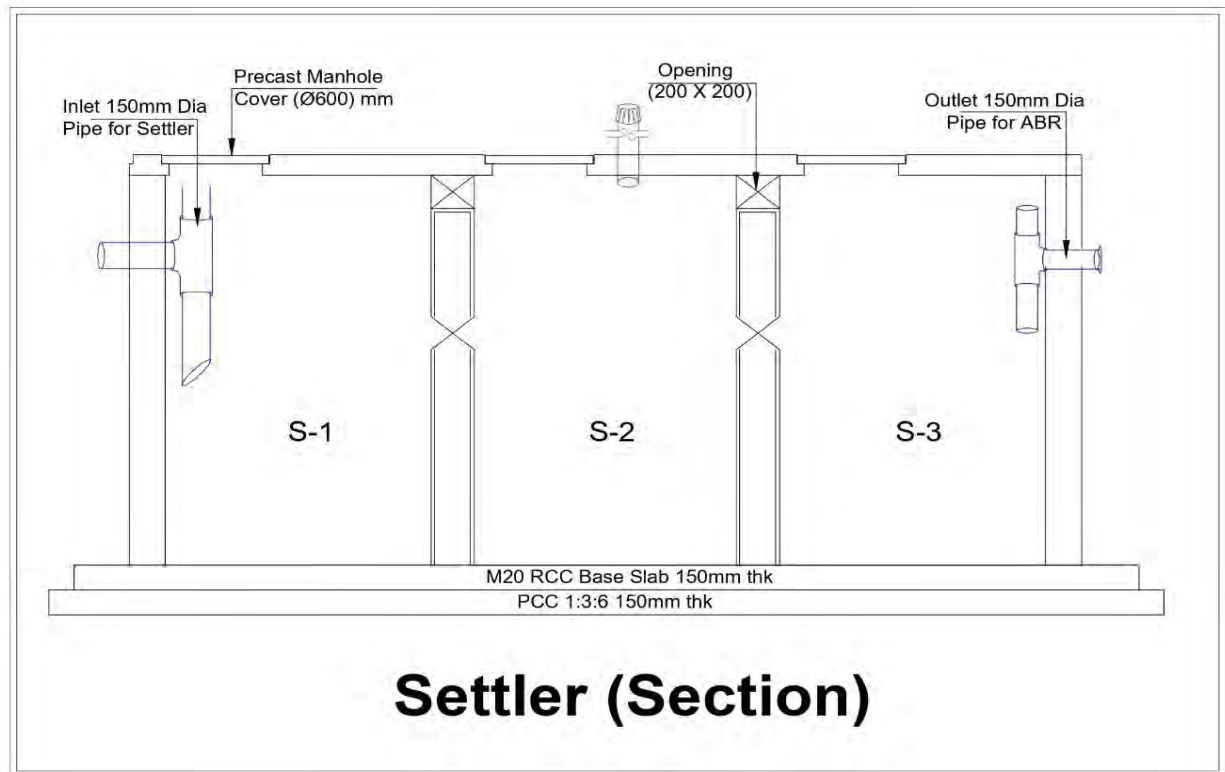
b. Last date for submission of quotation: 25/08/2026

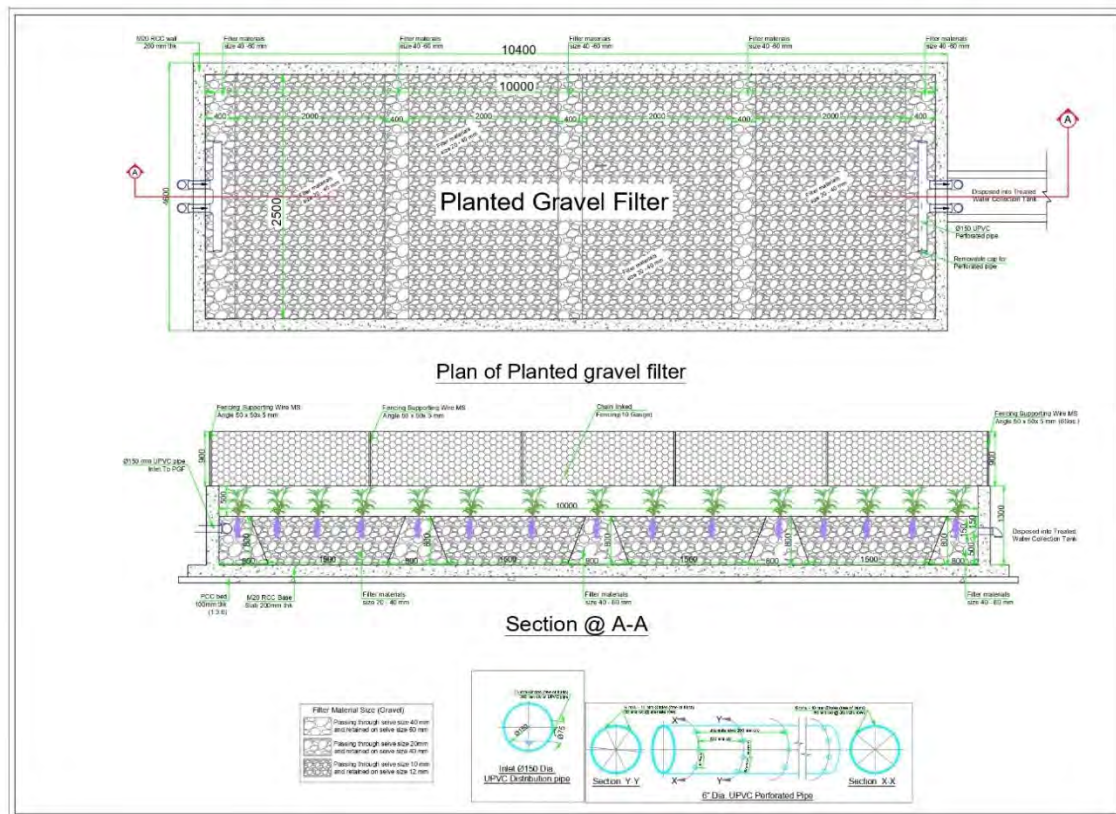
5. Details of Work with Location, Drawing & BOQ

Name of work: Retrofitting of 25KLD FSTP at Ward No-14, Akori, BKT Nagar Panchayat under Veiga Supported Project				
Sl.	Particulars	Unit Cost (₹)	Unit	Total Cost (₹)
1	BOQ for Retrofitting of 25KLD FSTP		1	
	18% GST			
	Total Amount			









Retrofitting Of 25 KLD FSTP

Detailed Bill of Quantities for Retrofitting of 25KLD FSTP at Ward No-14, Akori, BKT Nagar Panchayat

Sl. No.	Description	No.	L. (m.)	B. (m.)	H. (m.)	Quantity	Unit	Rate	Amount	Remarks
1	Site clearance including cleaning of the work area, cutting of grass, of collecting the same into heaps, and disposal/removal from the site, washing of filter media									
	Sludge Drying Bed	8	10	5		50				
		Total				50	Sqm			
2	Dismantling, modification, alteration and retrofitting works at the existing Faecal Sludge Treatment Plant (FSTP), comprising careful dismantling/removal of existing civil structures required for retrofitting of Sludge Drying Bed (SDB); dismantling of the existing Anaerobic Settling Tank and construction/modification of 03 Nos. Settler Chambers (2.00 m × 1.00 m × 2.80 m each); dismantling of existing Flocculation Chambers and construction/modification of 02 Nos. Anaerobic Baffled Reactors (ABR) (5.00 m × 2.50 m × 1.80 m each), 01 No. Anaerobic Filter (AF) (5.00 m × 2.50 m × 1.80 m), and 01 No. Planted Gravel Filter (PGF) (10.00 m × 2.50 m × 1.80 m), including dismantling of brick masonry/RCC as required, cutting, removal of debris, disposal of unserviceable materials within all leads and lifts, making good disturbed portions, all labour, tools & plants, complete in all respects as directed by the Engineer-in-Charge. (Non-Schedule Item based on U.P. PWD SOR).					1	LS			
2	Earthwork excavation in foundation, including disposal of excavated soil within a lead up to 50 metres and lift up to 1.5 metres, spreading, levelling, dressing, and cleaning of the excavated soil, complete.									
	Screen Chamber	8	1.2	1.2	1.4	16.1				
	Inspection Chamber	8	1.1	1.1	1.1	10.6				
		Total				26.8	Cum			

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Sl. No.	Description	No.	L. (m.)	B. (m.)	H. (m.)	Quantity	Unit	Rate	Amount	Remarks
3	Providing and laying cement concrete below floors and in foundations, using a nominal mix with 40 mm graded stone aggregate, including compaction and curing, but excluding the cost of formwork (shuttering).M10									
	Screen Chamber	8	1.20	1.20	0.10	1.15				
	Inspection Chamber	8	1.10	1.10	0.10	0.97				
	SDB	8	10.00	5.00	0.08	30.00				
						32.12	Cum			
4	Providing and laying brick masonry with 230mm thick using well-burnt bricks in cement mortar 1:4, including proper bonding, racking of joints, curing, and finishing complete as per drawing and direction of Engineer-in-Charge.									
	Screen Chamber	8	1.00	0.23	1.07	7.84				
						7.84	Cum			
5	Providing and laying specified grade of cement concrete in foundations, floors, columns, beams, walls, roofs, etc., including proper placing and compaction. The rate excludes the cost of shuttering/formwork and reinforcement steel. The item includes curing and finishing complete. (b) Cement Concrete M20									
	Inspection Chamber Wall	8	0.75	0.10	0.75	1.80				
	Inspection Chamber Cover	8	0.80	0.80	0.08	1.54				
	Settler Wall	2	1.00	0.10	2.80	0.56				
	ABR Wall	2	2.50	0.10	1.50	0.75				
	AF Wall	1	2.50	0.10	1.50	0.38				
	PGF Base	1	10.00	2.50	0.10	2.50				
					(A)	7.52	Cum			
		Total				7.52	Cum			

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Sl. No.	Description	No.	L. (m.)	B. (m.)	H. (m.)	Quantity	Unit	Rate	Amount	Remarks
6	Supplying, fabricating, transporting and fixing precast ferrocement slab with manhole cover and frame over Anaerobic Baffled Reactor (ABR) and Anaerobic Filter (AF), including reinforcement, cement mortar bedding, lifting, alignment, cutting, finishing, all labour, T&P, carriage, complete in all respects as per approved drawing, UP PWD Specifications and directions of the Engineer-in-Charge.					1	No			
7	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction.(a) For works in foundation, basement and upto roof MAKE: Steel-JSW/JSPL/TATA/AIL					702	Kg			
		Total				702	Kg			
8	Providing and fixing centering and shuttering includes strutting, propping, staging, scaffolding, formwork, and removal of shuttering for reinforced cement concrete (RCC) and plain cement concrete (PCC) works, including opening of forms.									
	Inspection Chamber Wall	8	0.75		0.75	4.50				
	Settler Wall	2	1.00		2.8	5.60				
	ABR Wall	2	2.50		1.5	7.50				
	AF Wall	1	2.50		1.5	3.75				
		Total				21.35	Sqm			
9	Providing and laying 20 mm thick cement plaster in two coats on the rough surface of walls Cement mortar in proportion 1:6 (1 cement: 6 sand) Extra payment for finishing the cement plaster of any thickness with neat cement slurry.									
	Screen Chamber	8	1.00	1	1.07	34.08				
		Total				34.08	Sqm			

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Sl. No.	Description	No.	L. (m.)	B. (m.)	H. (m.)	Quantity	Unit	Rate	Amount	Remarks
10	Supplying, filling, spreading & leveling stone boulders/ Gravels/ Coarse sand, in recharge pit, in the required layers and thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge. (excavation of pit will be paid separately).									
10.1	Stone boulders of size range 20 mm to 60 mm, in PGF	1	10	2.5	0.75	18.75				
		Total				18.75	Cum			
10.2	Stone boulders of size range 10 mm to 20 mm, in PGF	1	10	2.5	0.15	3.75				
		Total				3.75	Cum			
10.3	Gravels of size range 10 mm to 40 mm in Sludge Drying Bed									
	200mm thk Gravel Layer(20-40mm) @40%	8	10	5	0.2	32.00	Cum			
	100mm thk Gravel Layer(10-20mm)@40%	8	10	5	0.1	16.00	Cum			
10.4	Sand of size range 0.2 mm to 0.6 mm in Sludge Drying Bed 40%	8	10	5	0.15	24.00	Cum			
10.5	Morrum Filling at PGF Base	1	10	2.5	0.7	17.50	Cum			
11	Supply and fixing of UPVC/PVC/SWR (Type-B) pipes on wall surface, conforming to IS:13592, including joining with rubber ring seals as per IS:5382, complete, allowing 10 mm gap for thermal expansion.									
	150mm Pipe	8	5			40.00	Mtr			
		15	1			15.00	Mtr			
	Vent Pipe	5	2			10.00	Mtr			
	150mm Tee	24				24.00	Nos			
12	Supplying, installing, testing and commissioning of 150 mm dia PVC (uPVC) Gate Valve complete with all accessories such as nuts, bolts, rubber insertion gasket, flanges, jointing materials, cutting of pipeline wherever required, fixing in proper position, making leak-proof joints, testing and commissioning complete as directed by the Engineer-in-Charge.					8	Nos			
13	Providing and fixing mild steel grill work for screening of wastewater as per drawing including fixtures, necessary welding and painting					8	Nos			

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Sl. No.	Description	No.	L. (m.)	B. (m.)	H. (m.)	Quantity	Unit	Rate	Amount	Remarks
	with one coat of zinc chromite primer and two coats of epoxy painting complete. (As per instruction of site engineer)									

Construction of Ferrocement Slab

Sl.No	Item	L (m)	B (m)	Nos	Thk (Base/Wall)	Qty (Cum)	Unit	Cement (Bags)	Sand (Bags)	Aggregates (Bags)
1	Cover slab including manhole cover	5.3	2.8	5	0.05	3.7	Cum	32.8	65.7	114.9
2	Weld Mesh	5.3	2.8	5		74	Sqm			
3	Chichen Mesh					148	Sqm			
4	Binding wire					8.0	Kgs			

Material Required

S. No.	Item	Quantity	Unit		
1	Cement	33	Bags		
2	Sand	66	Bags		
3	Aggregates	115	Bags		
6	Weld Mesh	74	Sqm		
	Chichen Mesh	148	Sqm		
7	Binding Wire	8.0	Kgs		
8	Labour charges	5	Nos		
9	Curing & Gunny bags charges	8	Days		
10	Miscellaneous				
11	Contractor profit				
				Total	