

TENDER NOTICE

Background:

1. Safe management of greywater is an emerging priority under Swachh Bharat Mission (Grameen) Phase II, Jal Jeevan Mission (JJM) and the Government of Uttar Pradesh's rural sanitation agenda. While significant progress has been made in providing household tap water connections, the increased availability of water has also resulted in a substantial rise in domestic greywater generation.
2. In many rural areas, including Gram Panchayat Marufpur, untreated greywater from kitchens, bathrooms and washing areas is discharged into village ponds and open drains. Continuous discharge has led to stagnant wastewater, foul odour, mosquito breeding, deterioration of pond ecology, and increased public health risks.
3. A decentralized treatment approach (DEWATS) offers a sustainable, low-energy and community-managed solution for treating domestic greywater before it enters natural water bodies. The treated water can be safely discharged or reused for plantation, irrigation and groundwater recharge.
4. WaterAid India proposes to construct two DEWATS systems in a collaborative approach at the identified greywater discharge locations in Gram Panchayat Marufpur.

Objectives and Location Profile

To establish sustainable decentralized greywater treatment systems for reducing environmental pollution, improving village sanitation, and promoting safe wastewater management in Gram Panchayat Marufpur.

- Treat domestic greywater before discharge.
- Improve environmental hygiene.
- Reduce pollution of village ponds.
- Demonstrate a scalable rural DEWATS model.
- Promote community ownership and long-term O&M.

Proposed Intervention

Construction of two RCC based DEWATS systems comprising:

Location	Capacity	Beneficiary Households
Naun Tola Pond (Near Vinay House)	20 KLD	Approximately 100 HH
Peer Baba Tola Pond	25 KLD	Approximately 80 HH

Total Treatment Capacity: **45 KLD**

Beneficiaries

- **Direct beneficiaries:** Approximately 200 households discharging greywater into the two ponds.
- **Indirect beneficiaries:** Entire village population of approximately 3,500 people, through improved environmental sanitation, cleaner ponds, and reduced health risks.

Location Profile:

Village Profile

Particular Details

Village Marufpur
Block Chahaniya
District Chandauli

Nature of Work: Development of Decentralized Wastewater Treatment Systems (DEWATS)

Place of Work: Gram Panchayat Marufpur, Chahaniya Block, Chandauli District.

Interested Bidders are required to submit their complete proposal along with all terms and conditions to Email id: WAIProcurementUP@wateraid.org by **30th August 2026 by 5:30 PM** which should necessarily include:

For any queries pertaining to the tender, please write to **me before 28th August 2026**

Profile of the organization, given as per the below –

1. Profile of Bidder

1. Name of Organization:
2. Registration Certificate:
3. GST Certificate
4. MSME Certificate (if registered)
5. 3 years Tax return File (attached)
6. 3 Years Audited Balance sheet

7. Address for correspondence:
8. Office Phone:
9. Mobile Phones of corresponding officials:
10. Email for correspondence:
11. Locations of operations (Head office and Branch offices):
 - All certificates must be attached.

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 attachment – 1. Technical proposal as per the BOQ and 2- Financial proposal in non-editable PDF Format. (Organization Letter Head)**
- 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 on Organization letter head** 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 31st October 2026**
- **Payment shall be released based on the actual work completed and verified.**

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

Description	Referee 1	Referee 2
Name		
Designation		
Organization		
Description of assignment		



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

3. Last date for submission of quotation: 30/08/2026

Regards:
Procurement Team

[illegible]

	Inlet Chamber	1	1	0.80	0.80	1.00	0.64			
	Settler, ABR and AF	1	1	11.78	2.94	2.50	86.58			
	PGF	1	1	11.00	6.04	1.70	112.95			
		Total					200.17	Cum		
3	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layers by ramming and watering lead upto 50m and lift upto 1.5m									
	Settler, ABR and AF	1	1	11.78	2.94	0.20	6.93			
	PGF	1	1	11.00	6.04	0.20	13.29			
		Total					20.21	Cum		
4	Providing and laying Plain Cement Concrete (PCC) 1:3:6 (1 Cement : 3 Coarse Sand : 6 Stone Aggregate 40 mm nominal size) in foundations and floors including curing complete, excluding cost of centering and shuttering.									
	Inlet Chamber	1	1	0.80	0.80	0.10	0.06			
	Settler, ABR and AF	1	1	10.78	2.74	0.10	2.95			
	PGF	1	1	10.90	5.34	0.10	5.82			
		Total					8.84	Cum		

5	Providing and laying Reinforced Cement Concrete (RCC) of grade 1:1.5:3 (1 Cement : 1.5 Coarse Sand : 3 Graded Stone Aggregate 20 mm nominal size) in slabs, beams, walls, columns, foundations etc., excluding centering, shuttering and reinforcement but including mixing, placing, vibrating and curing complete.									
	Inlet Chamber	1	3	0.75	0.15	0.60	0.20			
	Base Slab for Settler&ABR+AF	1	1	10.48	2.44	0.20	5.11			
	Top Slab for Settler&ABR+AF	1	1	10.18	1.84	0.15	2.81			
	Manholes	1	7	0.60	0.60	0.15	0.38			
	Settler, ABR and AF long wall	1	2	10.18	0.15	2.00	6.11			
	Short wall	1	2	1.44	0.15	2.00	0.86			
	Short wall Partitation	1	6	1.44	0.10	1.90	1.64			
	AF Perforated slab supports	1	5	1.15	1.00	0.08	0.43			
	PGF long wall	1	2	9.95	0.15	1.75	5.22			
	Short wall	1	2	4.00	0.15	1.75	2.10			
	Slab chamber	1	1	0.75	0.80	0.10	0.06			
				Total			24.93	Cum		

6	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. MAKE: Steel-JSW/JSPL/TATA/SAIL									
		70 kg per cum of RCC Qty As per item /No-5					1,745.10			
		Total					1,745.10	kg		
7	Providing and removing centering and shuttering including strutting, propping etc. for foundations, walls, slabs and RCC works complete.									
	Base Slab for Settler&ABR+AF	1	4	10.48		0.30	12.58			
	Long Wall	1	4	10.18		2.00	81.44			
	Short Wall	1	4	1.44		2.00	11.52			
	Partition walls_ ABR 1,2&3, AF 1&2	1	12	1.44		1.90	32.83			
	Top Slab for Settler&ABR+AF	1	1	10.48		2.30	24.10			
	PCC for PGF	1	2	10.85		0.15	3.26			
		1	2		5.34	0.15	1.60			
	Long walls	1	2	9.95		1.75	34.83			
	Short wall	1	4		4	1.75	28.00			
		Total						Sqm		

							230.15			
8	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).									
	AF-150 mm & 225 mm Pavel/Boulders,40mm Aggregates,20mm Aggregates	1	2	1.04	1.44	0.65	1.95			
	PGF -Filter Material 40-80mm	1	1	7.88	4.00	0.60	18.91			
	PGF -Filter Material 20-40mm	1	1	7.88	4.00	0.15	4.73			
	PGF -Filter Material 10-12mm	1	1	6.16	4.00	0.60	14.78			
		Total					40.37	Cum		
9	Waste water pipes: Providing and fixing on wall face Rigid Unplasticised rigid PVC (upvc) Single socketed rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion (II)110 mm diameter (minimum wall thickness 2.2mm)									
	110mm dia PVC Tee,cowl, elbow Pipes for Settler+ABR+AF		25	1			25	No.s		
	110mm dia vertical pipes for ABR & AF		25	2			55	Rmt		
	160mm dia PVC Pipe at AF for Desludging		3	6			18	Rmt		
	160mm dia PVC Tee Pipes		5				5	No.s		
	110mm for settler inlet		3	3			9	Rmt		
	110mm dia PVC pipe with perforations for PGF		1	4			4	Rmt		
	110mm dia vertical PVC pipe		2	1.75			3.50	Rmt		

	55mm dia PVC Pipe for PGF inlet		5	0.35			1.75	Rmt		
	110mm dia PVC Elbows, Tees, End caps Vent cowl		2	0.95			1.90	Rmt		
10	Supplying, fabricating and fixing M.S. angle posts, flats and steel members including cutting, welding, drilling, painting and fixing complete.									
	Angle Post 50X50X5									
	Screen mesh									
							35.00	Kg		
11	Providing and planting common reeds or other rhizome (Papyrus, Canna India, Reeds and Colocasia)						25.00	Nos		
12	Applying two or more coats of premium exterior acrylic emulsion paint over one coat exterior primer on new work including surface preparation complete as per manufacturer's specification.						35.28	Sqm		
13	Providing dewatering arrangements during excavation, including the cost of hiring dewatering motor(s), PVC pumping pipes, energy charges, and other necessary accessories/materials to remove groundwater or accumulated wastewater. The item also includes all tools, labour, and minor unforeseen materials required to ensure dry working conditions during excavation.						1.00	LS		

14	Provision for diversion of existing drainage to a nearby suitable location, including supply and fixing of pipes required to divert water flow during excavation. The work includes dismantling of the existing drain (up to 10 meters), constructing a temporary ramp to facilitate excavation and diversion activities, depositing all dismantled debris at an approved location, and cleaning the area designated for dumping excavated soil. This item also includes necessary safety gear, signage, minor repairs, pit lining, temporary bund support, and all incidental works to ensure safe and uninterrupted site operation						1.00	LS		
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Detailed Bill of Quantities for Liquid Waste Management with 25KLD Decentralised Wastewater Treatment System at Takiyatola, Marufpur, Chandauli UP										
Sl. No	Item Description	No		Length (m)	Width (m)	Depth (m)	Qty	Unit	Unit Rate (INR)	Amount (INR)
1	Clearing and grubbing of site including cutting of grass, removal of bushes, stacking and disposal of unserviceable materials outside the work site complete.									
	DEWATs Area	1	1	20.00	8.00		160.00			
		Total					160.00	Sqm		
2	Earthwork in excavation in foundation trenches or drains (width up to 1.5 m and area exceeding 10 sqm), including dressing of sides, ramming of bottom, disposal of excavated earth within 50 m lead and 1.5 m lift, in ordinary/hard soil or hard moorum, complete.									
	Inlet Chamber	1	1	0.80	0.80	1.00	0.64			
	Settler, ABR and AF	1	1	13.50	3.30	2.30	102.47			
	PGF	1	1	13.50	5.50	1.00	74.25			
		Total					177.36	Cum		
3	Filling of hard murum/earth in foundations, plinths, columns, etc., including ramming/compaction by rammers, watering, and curing, complete.									
	Inlet Chamber	1	1	1.00	1.00	0.10	0.10			

	Settler, ABR and AF	1	1	13.50	3.30	0.10	4.46			
	PGF	1	1	13.50	5.50	0.10	7.43			
		Total					11.98	Cum		
4	Providing and laying Plain Cement Concrete (PCC) 1:3:6 (1 Cement : 3 Coarse Sand : 6 Stone Aggregate 40 mm nominal size) in foundations and floors including curing complete, excluding cost of centering and shuttering.									
	Inlet Chamber	1	1	0.80	0.80	0.10	0.06			
	Settler, ABR and AF	1	1	13.50	3.30	0.10	4.46			
	PGF	1	1	13.50	5.50	0.10	7.43			
		Total					11.94	Cum		
5	Providing and laying Reinforced Cement Concrete (RCC) of grade 1:1.5:3 (1 Cement : 1.5 Coarse Sand : 3 Graded Stone Aggregate 20 mm nominal size) in slabs, beams, walls, columns, foundations etc., excluding centering, shuttering and reinforcement but including mixing, placing, vibrating and curing complete.									
	Inlet Chamber	1	1	0.70	0.80	0.20	0.11			
	Settler, ABR and AF	1	1	13.20	3.00	0.20	7.92			
	PGF Base	1	1	13.20	5.20	0.20	13.73			
	Chamber long wall	1	1	0.80	0.15	0.50	0.06			

	Short wall	1	2	0.60	0.15	0.50	0.09			
	Settler, ABR and AF long wall	1	2	12.60	0.15	2.40	9.07			
	Short wall	1	2	2.00	0.15	2.40	1.44			
	Short wall Partitation	1	6	2.00	0.15	2.40	4.32			
	HPGF long wall	1	1	12.60	0.15	1.50	2.84			
	Short wall	1	2	4.20	0.15	1.50	1.89			
	PGF Partition wall	1	4	4.20	0.10	0.30	0.50			
	Slab chamber	1	1	0.75	0.80	0.10	0.06			
	Slab Settler, ABR and AF	1	1	12.60	2.40	0.10	3.02			
				Total			45.06	Cum		
6	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. MAKE: Steel-JSW/JSPL/TATA/SAIL									
		70 kg per cum of RCC Qty As per item /No-5					3,153.85			
		Total					3,153.85	kg		

7	Providing and removing centering and shuttering including strutting, propping etc. for foundations, walls, slabs and RCC works complete.									
	Inlet Chamber	1	1	0.80		0.10	0.08			
		1	2	0.60		0.10	0.12			
	Settler, ABR and AF base pcc	1	2	13.50		0.10	2.70			
		1	2	3.30		0.10	0.66			
	PGF base pcc	1	2	13.50		0.10	2.70			
		1	1	5.50		0.10	0.55			
	Slab base Chamber	1	1	0.75		0.15	0.11			
		1	2	0.90		0.15	0.27			
	Settler, ABR and AF base slab	1	2	13.20		0.20	5.28			
		1	2	3.00		0.20	1.20			
	PGF Base slab	1	2	13.20		0.20	5.28			
		1	1	5.20		0.20	1.04			
	Chamber RCC wall outer	1	1	0.90		0.50	0.45			
		1	2	0.75		0.50	0.75			
	Inner	1	1	0.60		0.50	0.30			
		1	2	0.60		0.50	0.60			
	Settler, ABR and AF RCC wall outer	1	2	12.60		2.40	60.48			
		1	2	2.40		2.40				

	PGF	1	1	12.20	4.20	0.75	38.43			
		Total					38.43	Cum		
9	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).									
	Stone boulders of size range 10 mm to 20 mm, in PGF									
	PGF	1	1	12.20	4.20	0.15	7.69			
		Total					7.69	Cum		
10	Supplying and fixing UPVC pipes conforming to IS:13592 on wall surface complete with fittings and clamps.									
	150 mm dia UPVC Pipe	1				36	36.00			
		Total					36.00	Mtr		
11	Supplying and fixing UPVC pipe fittings conforming to IS:13592 including solvent cement complete.									
	150 × 150 × 150 mm UPVC Tee	1				30.00	30.00			
		Total					30.00	No		
12	Supplying, fabricating and fixing M.S. angle posts, flats and steel members including cutting, welding, drilling, painting and fixing complete.									
	Angle Post 50X50X5	1	16	1.5	3.8		91.20			
	Screen mesh	1	2			10	20.00			

							111.20	Kg		
13	Supplying and fixing G.I. Chain Link Fabric of 3.15 mm dia (10 Gauge), 100 × 100 mm mesh, including G.I. staples, nuts, bolts and all accessories complete.									
	Chain Linked Fencing	1	2	12.60		1.20	30.24			
		1	2	4.60		1.20	11.04			
		Total					41.28	Sqm		
14	Applying two or more coats of premium exterior acrylic emulsion paint over one coat exterior primer on new work including surface preparation complete as per manufacturer's specification.						40.00	Sqm		

