

प्रेषक,

मनोज कुमार सिंह,
अपर मुख्य सचिव,
उत्तर प्रदेश शासन।

सेवा में,

समस्त जिलाधिकारी/अध्यक्ष,
जिला स्वच्छता समिति, उत्तर प्रदेश।

पंचायतीराज अनुभाग-3

लखनऊ दिनांक²⁶ अगस्त, 2021

विषय: सौ दिवसीय "स्थायित्व एवं सुजलाम अभियान" (Sustainability of ODF gains and achieving million soakpits) के क्रियान्वयन के सम्बन्ध में।

महोदय,

उपर्युक्त विषय के सम्बन्ध में अवगत कराना है कि स्वच्छ भारत मिशन (ग्रा0) फेज-I के प्रथम चरण में खुले में शौच की प्रथा समाप्त करने एवं ओ0डी0एफ0 स्तर प्राप्त करने के फलस्वरूप ग्रामीण समुदाय को व्यापक स्वास्थ्य सम्बन्धी एवं आर्थिक परिणाम प्राप्त हुए हैं। लोगों को नियमित स्वच्छता एवं साफ सफाई का व्यवहार बनाये रखने के लिये ओ0डी0एफ0 स्तर के स्थायित्व एवं स्वच्छता व्यवहारों को बनाये रखना अत्यन्त आवश्यक है।

2- स्वच्छ भारत मिशन (ग्रामीण) फेज-II में सुरक्षित ग्रे-वाटर प्रबन्धन हेतु समुदाय स्तरीय सोखता गड्ढे बनाये जाने पर जोर दिया गया है। सामुदायिक सोखता गड्ढे ग्रे-वाटर प्रबन्धन हेतु समस्त प्रदेशों में प्रभावी पाये गये हैं।

3- पेयजल एवं स्वच्छता विभाग, जल शक्ति मंत्रालय, भारत सरकार के पत्र संख्या-एस.11018/1/2021-एस.बी.एम.-5-डी.डी.डब्लू.एस.-पार्ट(1) दिनांक 23.08.2021 द्वारा दिनांक 25 अगस्त, 2021 से एक सौ दिवसीय "स्थायित्व एवं सुजलाम अभियान" प्रारम्भ किए जाने के निर्देश निर्गत किए गए हैं। उक्त अभियान के अन्तर्गत गांव में ओ0डी0एफ0 के स्थायित्व हेतु लोगों को जागरूक करते हुए उनकी सहभागिता से ग्रे-वाटर प्रबन्धन हेतु वृहद स्तर पर सामुदायिक सोखता गड्ढों का निर्माण कराया जाना है। अभियान के दौरान निम्न लक्ष्यों की प्राप्ति सुनिश्चित की जाय:-

(1) अभियान के दौरान लक्षित 9.56 लाख परिवारों में व्यक्तिगत शौचालयों का निर्माण पूर्ण कराया जाये। इस कार्य के लिए स्वच्छ भारत मिशन (ग्रामीण) की धनराशि का उपयोग किया जाएगा।

(2) प्रति राजस्व गांव कम से कम 5 सामुदायिक सोखता गड्ढों का निर्माण पूर्ण करायें। यह कार्य स्वच्छ भारत मिशन (ग्रामीण) की धनराशि से किया जाएगा।

(3) प्रत्येक राजस्व ग्राम में 10 व्यक्तिगत सोखता गड्ढे का निर्माण कराया जाएगा। यह कार्य मनरेगा योजना के अन्तर्गत कराया जाए।

(4) सभी निर्मित कराये जा रहे कार्यों की जियो टैगिंग पेयजल एवं स्वच्छता विभाग, जलशक्ति मन्त्रालय, भारत सरकार द्वारा निर्मित SBM 2.0 IMIS App के माध्यम से अनिवार्य रूप से की जाये।

सुलभ संदर्भ हेतु सामुदायिक एवं व्यक्तिगत सोख्ता गड्ढो की डिजाइन व स्टीमेट पत्र के साथ संलग्न कर प्रेषित किया जा रहा है।

संलग्नक:- सामुदायिक व घरेलू सोख्ता गड्ढे का मॉडल स्टीमेट एवं डिजाइन।

भवदीय
Manoj
(मनोज कुमार सिंह) 26.8.21
अपर मुख्य सचिव

संख्या व दिनांक:- तदैव।

प्रतिलिपि:- निम्न को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

1. सचिव, पेजयल एवं स्वच्छता विभाग, जलशक्ति मन्त्रालय, भारत सरकार, नई दिल्ली।
2. मिशन निदेशक, स्वच्छ भारत मिशन (ग्रा0), उत्तर प्रदेश।
3. समस्त मण्डलायुक्त, उत्तर प्रदेश।
4. समस्त मुख्य विकास अधिकारी, उत्तर प्रदेश।
5. समस्त मण्डलीय उप निदेशक (पं0), उत्तर प्रदेश।
6. समस्त जिला पंचायत राज अधिकारी, उत्तर प्रदेश को उपरोक्तानुसार अनुपालनार्थ।
7. गार्ड फाइल।

आज्ञा से
(मनोज कुमार सिंह)
अपर मुख्य सचिव

No.S-11018/1/2021-SBM-V-DDWS-Part(1)
Government of India
Ministry Jal Shakti
Department of Drinking Water & Sanitation
Swachh Bharat Mission (Grameen)

4th Floor, Pt. Deendayal Antyodaya Bhawan,
CGO Complex, Lodhi Road,
New Delhi – 110 003
Dated, the 23rd August, 2021

To,

Additional Chief Secretary/Principal Secretary/Secretary
In-charge of rural Sanitation
All States/UTs

Subject: Implementing 100 days Campaign – “Sustainability of ODF gains and achieving million soakpits” (स्थायित्व एवम सुजलाम अभियान) –reg

Madam/Sir,

You are aware that elimination of open defecation and achievement of Open Defecation-free (ODF) status for the villages in the first Phase of Swachh Bharat Mission (Grameen) has resulted in noticeable health and economic benefits for rural population. It is critical that the ODF status is sustained and improved behaviors around defecation practice is reinforced to ensure that people continue to realize sustainable health and hygiene benefits.

2. Swachh Bharat Mission (Grameen) Phase-2 emphasizes on creating community level soak pits to ensure safe disposal of greywater in rural areas. Soak pits-especially have been found to be very effective across States in managing greywater in a decentralized way.

3. Department of Drinking Water and Sanitation is initiating a 100 days campaign starting 25th August 2021 to reenergize efforts at the local level and mobilize people for collective action on achieving sustainability of ODF outcomes and achieve construction of a million soak pits for management of grey water in rural areas across the States. The following needs to be undertaken to achieve the intended objectives of the campaign:

- i. A launch at the State level involving Hon'ble Chief Minister and Minister In charge of Sanitation
- ii. Develop ambitious and measurable targets for the campaign
- iii. Directive be issued to all the Districts to kick start the 100 days campaign covering all villages in the District
- iv. District level Orientation of Gram Panchayats to mobilise them initiate action in villages
- v. Developing local IEC materials to inform, engage and mobilise communities for collective action on sustainability

- vi. Ensuring participation of Public Representatives in the campaign
- vii. Set up monitoring and support arrangements for the campaign
- viii. Field visits/ night stays by District level Officials during the campaign.

4. The key activities that need to happen in the villages include:


- a) Organizing Community consultations, *Khuli Baithaks* and Gram Sabha meetings to analyze the current situation
- b) Pass resolution to maintain ODF sustainability and achieve needed number of soak pits to manage the grey water
- c) Develop a 100 days plan to undertake sustainability and soak pit construction related activities
- d) Construct requisite number of soakpits
- e) Retrofit toilets where needed through IEC and community mobilization and
- f) Ensure all newly emerging Households in the village have access to toilets

5. Swachh Bharat Mission (Grameen) funds could be used for interventions to be undertaken related to ODF sustainability and for construction of soak pits in the villages as per guidelines. Also, to meet any shortfall in funds requirements, XV FC grants and MGNREGS can be used.

6. You are requested to kindly plan for implementation of this campaign. A copy of the plan may also be shared with this Department. DDWS Officials are available for any support that you may like on planning and implementation of the campaign.

7. I am confident that you would provide personal leadership to this very important campaign.

Yours sincerely,



(Arun Baroka)

Additional Secretary to the Government of India

Phone: 011-24362192

E-mail: arun.baroka@nic.in

Copy to: Mission Director/State Coordinator, SBM (G), All States/UTs

(4) सभी निर्मित कराये जा रहे कार्यों की जियो टैगिंग पेयजल एवं स्वच्छता विभाग, जलशक्ति मन्त्रालय, भारत सरकार द्वारा निर्मित SBM 2.0 IMIS App के माध्यम से अनिवार्य रूप से की जाये।

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संलग्नक:- सामुदायिक व घरेलू सोख्ता गड्ढे का मॉडल स्टीमेट एवं डिजाइन।

भवदीय

(मनोज कुमार सिंह)

अपर मुख्य सचिव।

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आज्ञा से

Mans
(मनोज कुमार सिंह) 26.8.21
अपर मुख्य सचिव।

३

No.S-11018/1/2021-SBM-V-DDWS-Part(1)
Government of India
Ministry Jal Shakti
Department of Drinking Water & Sanitation
Swachh Bharat Mission (Grameen)

4th Floor, Pt. Deendayal Antyodaya Bhawan,
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(Signature)

Manoj

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Yours sincerely,



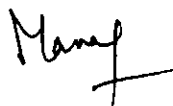
(Arun Baroka)

Additional Secretary to the Government of India

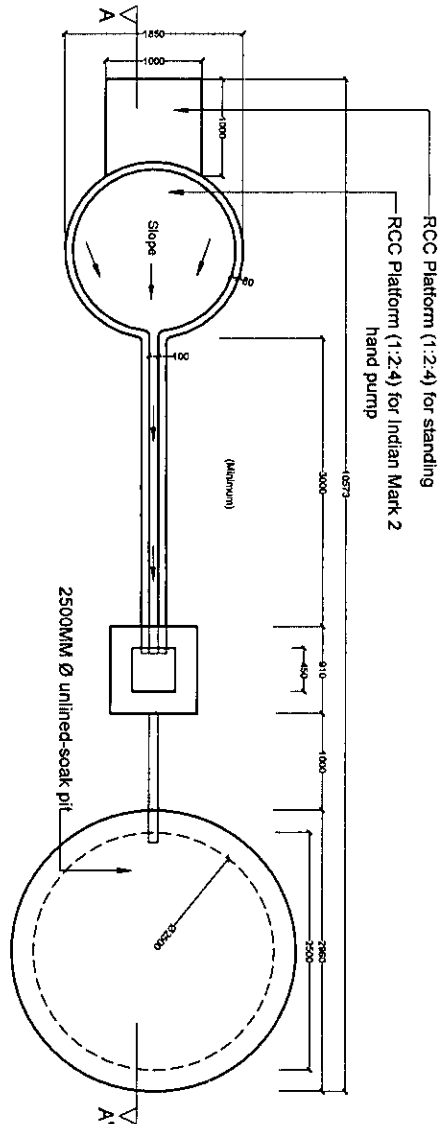
Phone: 011-24362192

E-mail: arun.baroka@nic.in

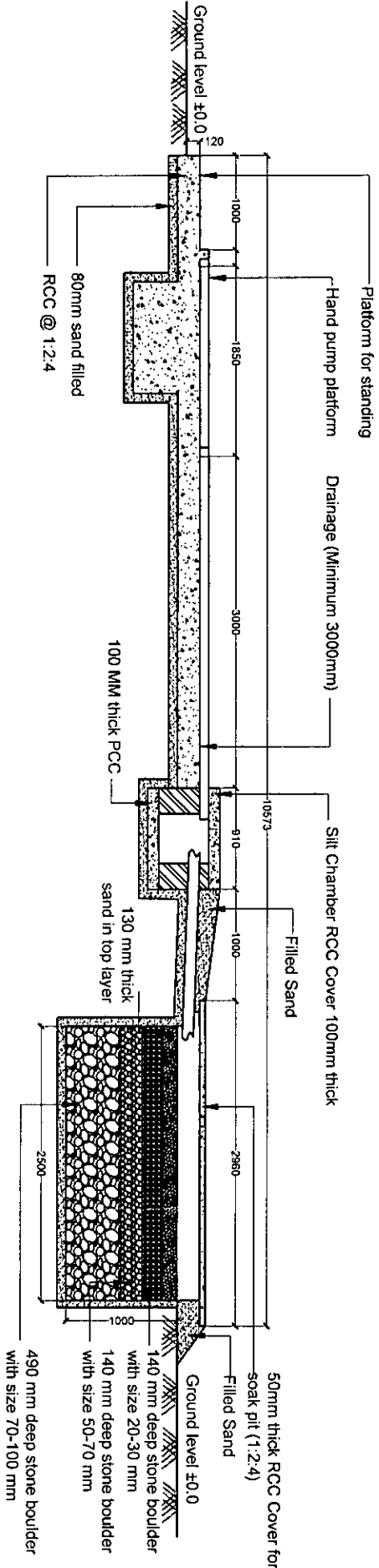
Copy to: Mission Director/State Coordinator, SBM (G), All States/UTs



MODEL DESIGN FOR GREY WATER COMMUNITY SOAK PIT (2500MM DIAMETER)



PLAN FOR PUBLIC GREY WATER UNLINED-SOAK PIT



SECTION AT A-A'

Swachh Bharat Mission Grameen, Uttar Pradesh

DATE: 25/08/2021

SCALE: NOT TO SCALE (N.T.S.)

ALL DIMENSIONS ARE IN MM

DRG. NO: R01DC/D-3.

PLAN AND SECTIONAL ELEVATION OF
COMMUNITY UNLINED SOAK PIT

Drawn By:

IDC
INDIAN DEVELOPMENT CENTER

KEY RESOURCE CENTER
Panchayati Raj Department, Uttar Pradesh

MODEL ESTIMATE FOR GREY WATER HOUSEHOLD SOAKAGE PIT

(2500 mm dia and 1000 mm depth)

INDIAN DEVELOPMENT CENTER, KEY RESOURCE CENTER, PANCHAYATI RAJ DEPT., GOVT OF UP

SUMMARY OF COST

S.No.	Item of work	Unit	Amount
1	As per Bill of quantity Labour Cost	Rs.	2934.17
2	As per Bill of Quantity Material Cost	Rs.	8710.64
3		Sub Total Rs.	11644.81
4		Total Rs.	11645
		Say	11.7 Thousands

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MODEL ESTIMATE FOR GREY WATER COMMUNITY SOAKAGE PIT

(2500 mm dia and 1000 mm depth)

INDIAN DEVELOPMENT CENTER, KEY RESOURCE CENTER, PANCHAYATI RAJ DEPT., GOVT OF UP

DETAILS OF MEASUREMENT AND ABSTRACT OF COST

Pricing is done as per UPPWD (Building) Schedule of rate 2020 Mainpuri. But items for which the rates are not available market rates are accounted.

S.No	Items	No	L	B	H	Qty.	Unit	Rate	Amount	Comments
1	Excavation in foundations in ordinary soil (lean clay or sand) including lift upto 1.5 m. (5 fts.) and lead upto 30m.(100 fts.) & including filling, watering and ramming of excavated earth into the trenches or into the space between the building and the sides of foundation trenches or into the plinth and removal and disposal of surplus earth as directed by the Engineer-in-charges upto a distance of 30 m. (100 fts.) from the foundation trenches.	3	4	5	6	7.00	8	9	10	
	For silt chamber	1	0.9	0.9	0.55	0.4455				
	For Soak pit	1	4.91	1	4.91					
	UPSOR-251					5.3655	Cu.M	135	722.9925	
2	Providing and laying Cement concrete 1:4:8 (1 cement : 4 fine sand : 8 graded brick aggregate including supply of all materials,labour and T & P etc.required for proper completion of the work and curing complete,also including cost of formwork in foundation & floors.	1	0.9	0.9	0.1	0.081				
	Base of silt chamber	1	0.9	0.9	0.081					
	UPSOR-274, A 4,1,8					0.081	Cu.M	5300	429.3	
3	First Class brick work in 1 : 5 cement and fine sand of 1.25 F.M. mortar & P etc. required for proper completion of the work.	4	0.565	0.23	0.45	0.23391				
	Silt chamber	4	0.565	0.23	0.45	0.23391				
	UPSOR-4,1					0.23391	Cu. M	4850	1134.4635	
4	R.C.C (1:2:4) cover (Reinforcement to be paid separately),including formwork	1	0.91	0.91	0.1	0.08281				
	Silt chamber	1	0.91	0.91	0.1	0.08281				
	Soak pit	1	4.91	0.05	0.2455					
	UPSOR-4,1,4					0.32831	Cu.M	6150	2019.1065	
5	Mild steel reinforcement work including straightening, cutting, bending, placing in position and binding with black MS binding wire									
	Silt chamber									
	12mm dia bars at 200 mm cc (6 nosx 8)	10	0.9		9					
	12 mm @ 0.89 Kg/m				9					
	Soak pit				8.01					
	6 mm bars @150 mm	24	1.5		36					
	Total				7.992					
	market rate				16.002					
	Total								1120.14	
6	Providing and fixing 170mm dia. PVC pipe conforming to IS make working pressure 4 Kg/Sqcm including testing labour T&P and all complete fittings from chamber outlet to soak pit	3			3					
	UPSOR-225-42						m	360	1080	
7	Filling of stone boulder with size 70mm to 100mm	1	4.91	0.49	2.41	950	Cu.M	2285.605		
	UPSOR-38(M),13(L)					950	Cu.M	2285.605		
8	Filling of stone boulder with size 50mm to 70mm	1	4.91	0.19	0.93	950	Cu.M	886.255		
	UPSOR-38(M),13(L)					950	Cu.M	886.255		
9	Filling of stone boulder with size 20 mm to 30 mm	1	4.91	0.19	0.93	1176	Cu.M	1096.1575		
	UPSOR-38(M),13(L)					1176	Cu.M	1096.1575		
10	Filling of sand in top layer	1	4.91	0.13	0.64	1300	Cu.M	829.79		
	UPSOR-12(M),13(L)					1300	Cu.M	829.79		
11	12 mm Cement plaster (1 : 6) in single coat of fair side of single of brick wall for interior plastering . In girth and finished even and smooth No. extra for mixing any additive.	3	0.45	0.45	0.6075					
	soakpit	3	0.45	0.45	0.6075					
	UPSOR 13,4					0.6075	Sq.m	160	97.2	
	Total								11701.01	

Say Eleven thousand seven hundred rupees Only

Handwritten signatures and initials

MODEL ESTIMATE FOR GREY WATER HOUSEHOLD SOAKAGE PIT

(2500 mm-dia and 1000 mm depth)

INDIAN DEVELOPMENT CENTER, KEY RESOURCE CENTER, PANCHAYATI RAJ DEPT., GOVT OF UP

BILL OF QUANTITY (MATERIAL)

S.No.	Item of work	Qty	Rate	Unit	Amount
1	Supply of Cement	3.00	330.00	bag	990.00
2	Supply of local sand	1.00	1000.00	cum	1000.00
3	Supply of coarse sand	0.40	1150.00	cum	460.00
4	Supply of 20-30mm aggregate	1.30	875.00	cum	1137.50
5	Supply of M-150 Bricks	108.00	9.00	no.	972.00
6	Supply of 70-100mm Stone boulder	2.50	650.00	cum	1625.00
7	Supply of 50-70mm Stone boulder	1.00	650.00	cum	650.00
8	Supply of steel	16.00	70.00	kg	1120.14
9	S/F of 110 mm dia pvc pipe i/c all material and labour, T&P etc. complete.	3	252.00	rmt	756.00
Total amount					Rs. 8710.64

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MODEL ESTIMATE FOR GREY WATER HOUSEHOLD SOAKAGE PIT

(2500 mm dia and 1000 mm depth)

INDIAN DEVELOPMENT CENTER, KEY RESOURCE CENTER, PANCHAYATI RAJ DEPT., GOVT OF UP

BILL OF QUANTITY (LABOUR)

S.No.	Item of work	Qty	Rate	Unit	Amount
1	E/W in excavation in foundation in ordinary soil i/c lead up to 30 m and lift up to 1.5 m i/c all labour	5.36	110.00	cum	589.11
2	Filling of stone boulder with size 70mm to 100mm	2.50	300.00	cum	750.00
3	Filling of stone boulder with size 50mm to 70mm	1.00	300.00	cum	300.00
4	Filling of stone boulder with size 20 mm to 30 mm	1.00	300.00	cum	300.00
5	Filling of sand in top layer	1.00	300.00	cum	300.00
6	Brick work for silt chamber	0.23	920.00	cum	215.20
7	PCC in 1:4:8 with cement, c/sand and 20 mm dalla grit all complete	0.08	1000.00	cum	81.00
8	RCC work with praportion of 1:2:4 cement, coarse sand and aggregate	0.33	80.00	sqm	26.26
9	12mm thick plaster with cement and fine sand in 1:4 including labour material & T&P etc.	0.61	80.00	sqm	48.60
10	L/F of 110 mm dia pvc pipe i/c all material and labour t and p etc complete.	3	108.00	rmt	324.00
Total amount					Rs. 2934.17

K. Singh

4

MODEL ESTIMATE FOR GREY WATER HOUSEHOLD SOAKAGE PIT

(1000 mm dia and 1000 mm depth)

INDIAN DEVELOPMENT CENTER, KEY RESOURCE CENTER, PANCHAYATI RAJ DEPT., GOVT OF UP

SUMMARY OF COST

S.No.	Item of work	Unit	Amount
1	As per Bill of Quantity Labour Cost	Rs.	1055.36
2	As per Bill of Quantity Material Cost	Rs.	4108.74
3	Sub Total	Rs.	5164.10
4	Total	Rs.	5164
	Say		5.2 Thousands

Amr Palia

H

MODEL ESTIMATE FOR GREY WATER COMMUNITY SOAKAGE PIT

(1000 mm dia and 1000 mm depth)

INDIAN DEVELOPMENT CENTER, KEY RESOURCE CENTER, PANCHAYATI RAJ DEPT., GOVT OF UP

DETAILS OF MEASUREMENT AND ABSTRACT OF COST

Pricing is done as per UPPWD (Building) Schedule of rate 2020 Mainpuri. But items for which the rates are not available market rates are accounted.

S.No.	Items	No	L	B	H	Qty.	Unit	Rate	Amount	Comments
1	Excavation in foundations in ordinary soil (loam clay or sand) including lift upto 1.5 m. (5 fts.) and lead upto 30m.(100 fts.) & including filling, watering and ramming of excavated earth into the trenches or into the space between the building and the sides of foundation trenches or into the plinth and removal and disposal of surplus earth as directed by the Engineer-in-charges upto a distance of 30 m. (100 fts.) from the foundation trenches.	3				7.00	8	9	10	
	For sill chamber	1	0.9	0.9	0.55	0.4455				
	For Soak pit	1	0.79		1	0.79				
	UPSOR-251					1.2365	Cu.M	135	168.7925	
2	Providing and laying Cement concrete 1:4:8 (1 cement; 4 fine sand; 8 graded brick aggregate including supply of all materials,labour and T & P etc.required for proper completion of the work and curing complete)also including cost of formwork in foundation & floors.									
	Base of sill chamber	1	0.9	0.9	0.1	0.081				
	UPSOR-274, A 4,1,8					0.081	Cu.M	5300	429.3	
3	First Class brick work in 1 : 6 cement and fine sand of 1.25 F.M. mortar in foundation and plinth including supply of all materials,labour and T & P etc. required for proper completion of the work.									
	Sill chamber	4	0.565	0.23	0.45	0.23391				
	UPSOR-6,1					0.23391	Cu.M	4850	1134.4635	
4	R.C.C (1:2:4) cover (Reinforcement to be paid separately) including formwork	1	0.91	0.91	0.1	0.08281				
	Soak pit	1	0.79		0.05	0.0395				
	UPSOR-4,1,4					0.12231	Cu.M	6150	752.2065	
5	Mild steel reinforcement work including straightening, cutting, bending, placing in position and binding with black MS binding wire									
	Sill chamber	10	0.9		9	9				
	12 mm dia bars at 200 mm cc (6 nosx 8)					9	m			
	Soak pit					8.01	Kg			
	6 mm bars @150 mm	16	0.6		9.6	9.6	Kg			
	Total					2.1312	Kg	70	709.884	market rate
6	Providing and fixing 10mm dia. PVC pipe conforming to IS make working pressure 4 Kg/5qcm including testing labour T&P and all complete fittings from chamber outlet to soak pit	3				3	m	360	1080	UPSOR-225-42
7	Filling of stone boulder with size 70mm to 100mm	1	0.79	0.49	0.39	0.95	Cu.M	950	367.745	UPSOR-3B(M),13(L)
8	Filling of stone boulder with size 50mm to 70mm	1	0.79	0.19	0.15	0.95	Cu.M	950	142.595	UPSOR-3B(M),13(L)
9	Filling of stone boulder with size 20 mm to 30 mm	1	0.79	0.19	0.15	1175	Cu.M	1175	176.3675	UPSOR-3B(M),13(L)
10	Filling of sand in top layer	1	0.79	0.13	0.10	1300	Cu.M	1300	133.51	UPSOR-12(M),13(L)
11	12 mm Cement plaster (1: 6) in single coat of fair side of single of brick wall for interior plastering . In girth and finished even and smooth No. extra for mixing any additive.	3	0.45	0.45	0.6075	0.6075	Sq.m	160	97.2	UPSOR 13,4
	soakpit					0.6075				
	Total								8190.064	

Say five thousand two hundred rupees Only

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MODEL ESTIMATE FOR GREY WATER HOUSEHOLD SOAKAGE PIT

(1000 mm dia and 1000 mm depth)

INDIAN DEVELOPMENT CENTER, KEY RESOURCE CENTER, PANCHAYATI RAJ DEPT., GOVT OF UP

BILL OF QUANTITY (MATERIAL)

S.No.	Item of work	Qty	Rate	Unit	Amount
1	Supply of Cement	2.00	330.00	bag	660.00
2	Supply of local sand	0.10	1000.00	cum	102.70
3	Supply of coarse sand	0.25	1150.00	cum	287.50
4	Supply of 20-30mm aggregate	0.30	875.00	cum	263.09
5	Supply of M-150 Bricks	108.00	9.00	no.	972.00
6	Supply of 70-100mm Stone boulder	0.40	650.00	cum	260.00
7	Supply of 50-70mm Stone boulder	0.15	650.00	cum	97.57
8	Supply of steel	10.14	70.00	kg	709.88
9	S/F of 110 mm dia pvc pipe i/c all material and T&P etc complete.	3	252.00	rrmt	756.00
	Total amount			Rs.	4108.74

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MODEL ESTIMATE FOR GREY WATER HOUSEHOLD SOAKAGE PIT

(1000 mm dia and 1000 mm depth)

INDIAN DEVELOPMENT CENTER, KEY RESOURCE CENTER, PANCHAYATI RAJ DEPT., GOVT OF UP

BILL OF QUANTITY (LABOUR)

S.No.	Item of work	Qty	Rate	Unit	Amount
1	E/W in excavation in foundation in ordinary soil i/c lead up to 30 m and lift up to 1.5 m i/c all labour	1.24	110.00	cum	135.91
2	Filling of stone boulder with size 70mm to 100mm	0.40	300.00	cum	120.00
3	Filling of stone boulder with size 50mm to 70mm	0.15	300.00	cum	45.03
4	Filling of stone boulder with size 20 mm to 30 mm	0.15	300.00	cum	45.03
5	Filling of sand in top layer	0.10	300.00	cum	30.81
6	Brick work for silt chamber	0.23	920.00	cum	215.20
7	PCC in 1:4:8 with cement, c/sand and 20 mm dalla grit all complete	0.08	1000.00	cum	81.00
8	RCC work with praportion of 1:2:4 cement, coarse sand and aggregate	0.12	80.00	sqm	9.78
9	12mm thick plaster with cement and fine sand in 1:4 including labour material & T&P etc.	0.61	80.00	sqm	48.60
10	L/F of 110 mm dia pvc pipe i/c all material and labour t and p etc complete.	3	108.00	rmt	324.00
Total amount					Rs. 1055.36

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