

M/S VSAIPPL-SMC JV, Ghazipur (U.P)

Actual Strata Chart of GOVINDPUR KIRAT REORGANISATION WSS, BLOCK -MARDAH, ZONE 1, GRAM PANCHAYAT - GOVINDPUR KIRAT TW 1 Under Jal Jeevan Mission, District- Ghazipur(U.P.)



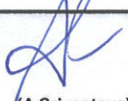

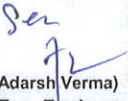
PHYSICAL STRATA			Drilling and assembly 300 mm 600MM		MS Ring Collar length	BGL including MS Ring Collar
S.No.	BGL in meter From to		Formation		AGL 0.50	0
1	0	6	Clay			5.510
2	6	18	Clay Kankad			11.520
3	18	26	Very Fine Sand with Kankad			17.530
4	26	42	Clay Kankad			23.530
5	42	70	Kankad with Clay			29.540
6	70	78	Very Fine Sand with Kankad			35.550
7	78	88	Clay Kankad			41.550
8	88	130	Very Fine Sand with Kankad			47.560
9	130	142	Clay Kankad			53.570
10	142	174	Sandy Clay with Kankad			59.580
11	174	197	Sandy Clay with Kankad			65.590
			6.010 P.P.		0.000	71.600
			6.010 P.P.		0.000	77.610
			0.900 P.P.		0.000	78.510
			3.000 S.P.		0.000	81.510
			6.000 P.P.		0.000	87.510
			6.000 P.P.		0.000	93.510
			3.000 P.P.		0.000	96.510
			3.000 S.P.		0.000	99.510
			6.000		0.000	105.510
			1.000		0.000	106.510
			3.000 S.P.		0.000	109.510
			3.000 S.P.		0.000	112.510
			2.000		0.000	114.510
						121.000

Logging
Date-09.06.2023

S.N.	Depth Range		Thickn ess	Remark
	From	to		
1	20	24	4	Good
2	72	76	4	Good
3	90	94	4	Good
4	100	104	4	Good
5	106	110	4	Good
6	122	126	4	Moderate to Marginal

Note-
1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone SI. No. 3 is highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating marginal to saline below 128 m bgl to till depth logged.

DETAILS		AS PER DPR		ACTUAL	
1	Proposed Discharge	600.00	LPM		
2	Clear Depth of bore 600mm	0.00	Mbgl	121.000	Mbgl
3	Clear Depth of bore 500mm	65.00	Mbgl	0.000	Mbgl
4	Clear Depth of bore 450mm	200.00	Mbgl	197.000	Mbgl
5	Plane pipe 300MM	0.00	m	100.000	m
6	Plane pipe 200MM	60.00	m	0.000	m
7	Plane pipe 150MM	96.00	m	0.000	m
8	Slotted pipe 300MM	0.00	m	12.000	m
9	Slotted pipe 200MM	0.00	m	0.000	m
10	Slotted pipe 150MM	24.00	m	0.000	m
11	Date of lowering			24.06.2023	

 Company Repre. M/S VSAIPPL-SMC JV, Ghazipur (U.P.)	 (.....) TPIA Medhaj Techno Concept Pvt. Ltd., Ghazipur	 (A. Srivastava) Junior Engineer Division Office(E/M), U.P. Jal Nigam(Rural), Varanasi	 (Nitish Kumar) Assistant Engineer	 (Adarsh Verma) Exe. Engineer
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 E-mail : geo.instrument@outlook.com

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:23-24:LS: 707
 Dated: 09-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Govindpur Kirath *Zone - 1*
 Block: Mardha
 District: Ghazipur
 State: Uttar Pradesh
 Date of Logging: 09-06-2023
 Drilling depth: 220.0 m bgl
 Logging Depth: 197.0 m bgl
 Rm - 11.0 Qm Rw - 12.0 Qm

Borehole Drilled by: M/s VSAIPPL, Ghazipur, Uttar Pradesh, India.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral 6' geophysical logs following informations/granular zones have been deciphered with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meters)	Remarks (Quality of aquifer water)
1.	20 - 24	04	Good
2.	72 - 76	04 -3	Good
3.	90 - 94	04 -3	Good
4.	100 - 104	04 -3	Good
5.	106 - 110	04 -3	Good
6.	122 - 126	04	Moderate to Marginal

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
 2. Zone Sl. No. 3 is highly intermixed with fine bands of kankar.
 3. Quality of ground water is deteriorating marginal to saline below 128.0 m bgl to till depth logged.

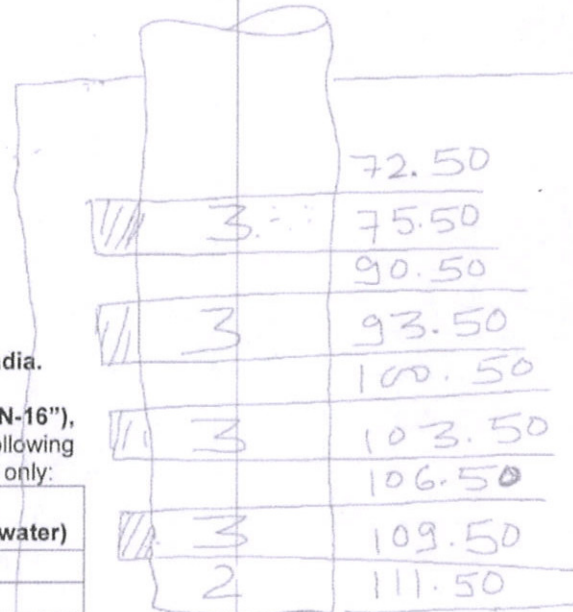
*Verified as per logs provided
 G.Sh
 12/06/23*

For Geo Instruments & Technic's

S. Shukla
 (S. Shukla)

*DPR
 Q = 600
 60 + 96 + 2
 200 X 150*

*Actual
 300 X 300*



121.0

अधीक्षण अभियन्ता,
महोदय.

जल जीवन मिशन कार्यक्रम अन्तर्गत पेयजल योजना ब्लॉक- मरदह, जोन 1, ग्राम पंचायत - गोविंदपुर
कीरत TW1. जनपद गाजीपुर में 200x150 एम0एम0 व्यास साइज के 200/180 मीटर गहरे नलकूप का
निर्माण किया जाना है एवं उक्त नलकूप से 600 ली०प्र०मि० श्राव लिया जाना प्रस्तावित है।
अनुबन्ध सं०- 478/ED/PHASE 2/2022-23/X दिनांक 27.02.2023 के माध्यम से M/s VSAIPPL-SMC
IV, District-Ghazipur द्वारा नलकूप निर्माण कार्य सम्पादित कराया जा रहा है। दिनांक 09.06.2023 को
नलकूप के बोर की इलेक्ट्रिक लागिंग करायी गयी, जिसका विवरण निम्नानुसार है: -

S.N.	Depth Range		Thickness	Remark	PHYSICAL STRATA			
	From	to			S.No.	BGL in meter		Formation
				From		to		
1	20	24	4	Good				
2	72	76	4	Good	1	0	6	Clay
3	90	94	4	Good	2	6	18	Clay Kankad
4	100	104	4	Good	3	18	26	Very Fine Sand with Kankad
5	106	110	4	Good	4	26	42	Clay Kankad
6	122	126	4	Moderate to Marginal	5	42	70	Kankad with Clay
Note- 1.Fine bands of kankar are intermixed with almost all the zones. 2.Zone Sl. No. 3 is highly intermixed with fine bands of kankar. 3.Quality of ground water is deteriorating marginal to saline below 128 m bgl to till depth logged.					6	70	78	Very Fine Sand with Kankad
					7	78	88	Clay Kankad
					8	88	130	Very Fine Sand with Kankad
					9	130	142	Clay Kankad
					10	142	174	Sandy Clay with Kankad
					11	174	197	Sandy Clay with Kankad

अनुबन्ध में उपरोक्त नलकूप से 600 ली०प्र०मि० श्राव प्राप्त करने हेतु Enterance Velocity 0.015m/sec पर 24 मीटर स्लाटेड पाइप का प्राविधान किया गया है। इलेक्ट्रिक लागिंग के उपरान्त प्राप्त स्ट्रेटा के अनुसार अधिकतम 12 मीटर ही स्लाटेड पाइप डाली जा सकती है।

Physically encountered Strata एवं लागिंग रिपोर्ट का निरीक्षण करने पर पाया गया कि उक्त के अन्तर्गत Very Fine Sand with Kankad का है एवं लागिंग रिपोर्ट के अनुसार केवल 12 मीटर स्लाटेड पाइप ही लोवर की जा सकती है, जिससे 600 ली०प्र०मि० श्राव प्राप्त किया जाना सम्भव नहीं है। ऐसी स्थिति में 150 मि०मी० स्लाटेड पाइप के स्थान पर 300 मि०मी० व्यास साइज की स्लाटेड पाइप का उपयोग किया जाय तो 12 मीटर की लम्बाई में Enterance area को बढ़ाकर आवश्यक वांछित श्राव प्राप्त करने का प्रयास किया जा सकता है। उल्लेखनीय है यदि 12 मीटर लम्बाई में 150 मि०मी० के स्थान पर 300 मि०मी० व्यास साइज की स्लाटेड पाइप का उपयोग किया जाय तो Opening entrance area 150 मि०मी० व्यास साइज के 24.00 मीटर पाइप के बराबर आयेगी, जो Aquifer structure के दृष्टिगत उचित होगा एवं वास्तविक श्राव यील्ड टेस्ट के उपरान्त डिप्रेषन की मानकों के गणना के दृष्टिगत स्पष्ट हो पायेगा। अनुबन्ध में निहित प्राविधान के अनुसार श्राव की प्रतिपूर्ति फर्म की स्वयं का उत्तर दायित्व में है, अतएव श्राव प्रतिपूर्ति न होने पर फर्म द्वारा द्वितीय नलकूप निर्माण कराते हुए पूरा किया जायेगा एवं भुगतान के संबंध में राज्य पेयजल स्वच्छता मिशन (एसडब्ल्यूएसएम) द्वारा सक्षम स्तर से स्वीकृति उपरान्त नियमानुसार किया जायेगा।

अतः प्राप्त एक्यूफर के दृष्टिगत 300x300 मि०मी० व्यास साइज के 111.50 मीटर गहरे नलकूप जिसमें 12 मीटर स्लाटेड पाइप का उपयोग किया जायेगा, आपको तकनीकी स्वीकृति हेतु संलग्न कर प्रेषित है। कृपया अनुमोदन करना चाहें।

संलग्नक- लागिंग रिपोर्ट की छायाप्रति



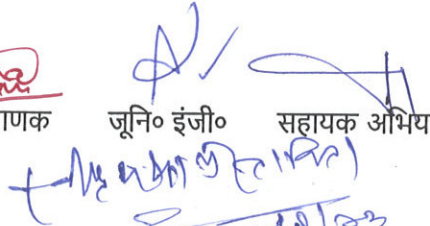


संगणक

जूनो इंजी०

सहायक अभियन्ता

अधिसासी अभियन्ता


अधीक्षण अभियन्ता

VARIATION STATEMENT AGAINST C.A. NO-478/ED/PHASE-2/2022-23/X, Date- 27-02-2023

For Construction of 197/111.5 mts. deep 300 X 300 mm. dia assembly size T.W. inspite of 200/180 mts. deep 200 X 150 mm. dia assembly size T.W. by D.C. Rig Machine at Block - Mardah, Zone 1, Gram Panchayat - Govindpur Kirat TW1 Water Supply Scheme In District - Ghazipur

Sl No	Item of work	Unit	Rate	Cost As Per Cover Aggrement (200/180 mts. deep 200 X 150 mm. dia assembly size)		Expenditure as per Actual Work Executed at Site due to adverse Geophysical Condition (197/111.5 mts. deep 300 X 300 mm. dia assembly size)	
				Qty	Amount (Rs)	Qty	Amount (Rs)
1	2	3	4	5	6	7	8
1	Transportation, Installation Dismantling of Rig machine and logging of bore hole.	Job	156,159.07	1	156,159.07	1	156,159.07
	Tubewell construction:						
	Drilling of Borehole for Tubewell construction by DC/RC/DTH Rig Machine including transporta, erection, dismantling of Rig and associated T&P complete in all respect including required all material labour etc.				-		-
2	DC/RC Drilling up to 100 Mtr.				-		-
3	600 MMØ	Rmt	3,241.68		-	100	324,167.53
4	500 MMØ	Rmt	2,717.19	65	176,617.39		-
5	450 MMØ	Rmt	2,454.95	35	85,923.19		-
6	DC/RC Drilling from 100Mtr. To 200 Mtr.				-		-
	600 MMØ	Rmt	3,551.98		-	21	74,591.59
	500 MMØ	Rmt	3,033.75		-		-
7	450 MMØ	Rmt	2,774.63	100	277,463.01	76	210,871.89
8	DC/RC Drilling from 200 Mtr. To 300 Mtr.				-		-
	500 MMØ	Rmt	3,363.28		-		-
9	450 MMØ	Rmt	3,158.99		-		-
10	DC/RC Drilling from 300 Mtr. To 400 Mtr.				-		-
11	450 MMØ	Rmt	3,703.10		-		-
12	Tubwell Assembly:				-		-
13	MSERW plain pipe As per IS 4270				-		-
14	300 MMØ	Rmt	3,794.68		-	100	379,468.00
15	200 MMØ	Rmt	2,546.43	60	152,785.80		-
16	150 MMØ	Rmt	1,897.34	96	182,144.64		-
17	MSERW slotted pipe as per IS 8110				-		-
18	150 MMØ	Rmt	2,796.08	24	67,105.92		-
19	200 MMØ	Rmt	3,828.43		-		-
20	300 MMØ	Rmt	5,181.33		-	12	62,175.91
21	MS Borewell cap fixture including fitting charges				-		-
22	MS fittings such as clamp, bail plug, reducer, well cap, girder & support structure.	Job	32,249.79	1	32,249.79	1	32,249.79
23	MS fittings such as ring & centre guide	Rmt	471.02	180	84,783.54	112	52,754.20
24	Lowering of Tube well Assembly: Lowering of above assembly with welding of parts complete in all respect with all required material, T&P, labour, etc.				-		-
25	Lowering of MSERW Plain/Slotted Pipe up to 100 Mtr. Deep				-		-
26	300 MMØ MSERW Plane/Slotted Pipe	Rmt	489.31		-	100	48,931.40
27	200 MMØ MSERW Plane/Slotted Pipe	Rmt	389.45	60	23,367.24		-
28	150 MMØ MSERW Plane/Slotted Pipe	Rmt	385.46	40	15,418.38		-
29	Lowering of MSERW Plane/Slotted Pipe from 100 Mtr. To 200 Mtr. Deep				-		-
30	150 MMØ MSERW Plane/Slotted Pipe	Rmt	442.38	80	35,390.38		-
31	200 MMØ MSERW Plane/Slotted Pipe	Rmt	589.97		-		-
32	300 MMØ MSERW Plane/Slotted Pipe	Rmt	881.17		-	11.5	10,133.51
	Total Amount				1,289,408.35		1,351,502.88
	Say				1,289,408.00		1,351,503.00

Net Savings Amount Rs. -62,095.00
Net Savings in Percentage -4.82%



Jal
(TPIA Rep.)
Medhaj Techno Concept Pvt. Ltd., Ghazipur

[Signature]
(Computer)
(Junior Engi Ass. Engineer)

[Signature]
Div. Accountant
Ex. Engineer
Sup. Engineer
Circle office (E/M), UPJN, Vns

Division Office(E/M), Divisi: Office(E/M), U.P. Jal Nigam(Rural), Varanasi

Handwritten signature and text:
अधीक्षण अभियन्ता
मण्डल कार्यालय (वि०/याँ०)
उ०प्र० जल निगम (ग्रामीण)
दारासो।

For Construction of 200/180 mts. deep 200 X 150 mm. dia assembly size T.W. by D.C. Rig Mtd. at Mardah Gram Panchayat - DURKHUSHI TW2 (ZONE 2) & GOVINDPUR KIRAT TW1 (ZONE 1) & GOVINDPUR KIRAT TW1 (ZONE 1) Water Supply Scheme In District - Ghazipur

Sl. No	Item of work	Unit	Rate	Cost As Per Cover Agreement (200/180 mts. deep 200 X 150 mm. dia assembly size)		Actual Work Executed at Site due to adverse Geophysical Condition (197/111.5 mts. deep 300 X 300 mm. dia assembly size)	Actual Work Executed at Site due to adverse Geophysical Condition (184/81.54 mts. deep 300 X 300 mm. dia assembly size)	Tubewell No 1 Qty	Tubewell No 2 Qty	Total Qty	Cumulative Actual Work Executed at Site DURKHUSHI TW2 (ZONE 2) & GOVINDPUR KIRAT TW1 (ZONE 1)	Cumulative Expenditure as per Actual Work Executed at Site DURKHUSHI TW2 (ZONE 2) & GOVINDPUR KIRAT TW1 (ZONE 1)
				QTY	Amount (Rs)							
1	2	3	4	5	6	7	8	9	10	312,318.14	312,318.14	
1	Transportation, installation Dismantling of Rig machine and logging of bore hole. Tubewell construction: Drilling of Borehole for Tubewell construction by DC/R/DTH Rig Machine including transportation, erection, dismantling of Rig and associated T&P complete in all respect including required all material labour etc. DC/RC Drilling up to 100 Mtr.	Job	156,159.07	2	312,318.14	1.00	1.00	1.00	2.00	2.00	2.00	312,318.14
2	600 MMØ	Rmt	3,241.68	0	-	46.00	-	46.00	-	-	-	473,284.59
3	500 MMØ	Rmt	2,717.19	130	353,234.78	-	-	-	-	-	-	-
4	450 MMØ	Rmt	2,454.95	70	171,846.38	54.00	-	54.00	-	54.00	54.00	132,567.21
5	DC/RC Drilling from 100Mtr. To 200 Mtr.	Rmt	3,551.98	0	-	-	-	-	21.00	21.00	21.00	74,591.59
6	500 MMØ	Rmt	3,033.75	0	-	-	-	-	-	-	-	-
7	450 MMØ	Rmt	2,774.63	200	554,926.01	84.00	-	84.00	-	84.00	84.00	443,940.81
8	DC/RC Drilling from 200 Mtr. To 300 Mtr.	Rmt	3,363.28	0	-	-	-	-	-	-	-	-
9	450 MMØ	Rmt	3,158.99	0	-	-	-	-	-	-	-	-
10	DC/RC Drilling from 300 Mtr. To 400 Mtr.	Rmt	3,703.10	0	-	-	-	-	-	-	-	-
11	450 MMØ	Rmt	3,794.68	0	-	-	-	-	-	-	-	-
12	MSERW plain pipe As per IS 4270	Rmt	2,546.43	120	305,571.60	33.03	-	33.03	-	33.03	33.03	504,806.28
13	300 MMØ	Rmt	1,897.34	192	364,289.28	-	-	-	-	-	-	-
14	MSERW slotted pipe as per IS 8110	Rmt	2,796.08	48	134,211.84	-	-	-	-	-	-	-
15	200 MMØ	Rmt	3,828.43	0	-	-	-	-	-	-	-	-
16	300 MMØ	Rmt	5,181.33	0	-	-	-	-	-	-	-	-
17	MS Borewell cap fixture including fitting charges	Rmt	32,249.79	2	64,499.57	9.01	-	9.01	-	9.01	9.01	108,859.66
18	MS fittings such as clamp, ball plug, reducer, well cap, girder & support structure.	Job	471.02	360	169,567.07	1.00	-	1.00	-	1.00	1.00	64,499.57
19	Lowering of Tube well Assembly: Lowering of above assembly with welding of parts complete in all respect with all required material, T&P, labour, etc.	Rmt	489.31	0	-	41.54	-	41.54	-	41.54	41.54	69,257.50
20	Lowering of MSERW Plain/Slotted Pipe up to 100 Mtr. Deep	Rmt	385.45	120	46,734.48	-	-	-	-	-	-	-
21	300 MMØ MSERW Plane/Slotted Pipe	Rmt	385.46	80	30,836.77	-	-	-	-	-	-	-
22	Lowering of MSERW Plane/Slotted Pipe from 100 Mtr. To 200 Mtr. Deep	Rmt	442.38	160	70,780.77	-	-	-	-	-	-	-
23	200 MMØ MSERW Plane/Slotted Pipe	Rmt	589.97	0	-	-	-	-	-	-	-	-
24	300 MMØ MSERW Plane/Slotted Pipe	Rmt	881.17	0	-	-	-	-	-	-	-	-
25	300 MMØ MSERW Plane/Slotted Pipe	Rmt	881.17	0	-	-	-	-	-	-	-	-
26	300 MMØ MSERW Plane/Slotted Pipe	Rmt	881.17	0	-	-	-	-	-	-	-	-
27	300 MMØ MSERW Plane/Slotted Pipe	Rmt	881.17	0	-	-	-	-	-	-	-	-
28	300 MMØ MSERW Plane/Slotted Pipe	Rmt	881.17	0	-	-	-	-	-	-	-	-
29	300 MMØ MSERW Plane/Slotted Pipe	Rmt	881.17	0	-	-	-	-	-	-	-	-
30	300 MMØ MSERW Plane/Slotted Pipe	Rmt	881.17	0	-	-	-	-	-	-	-	-
31	300 MMØ MSERW Plane/Slotted Pipe	Rmt	881.17	0	-	-	-	-	-	-	-	-
32	300 MMØ MSERW Plane/Slotted Pipe	Rmt	881.17	0	-	-	-	-	-	-	-	-
	Total Amount				2,578,816.70				11.50	11.50	11.50	10,139.51
	Say				2,578,817.00							2,266,814.73
												2,266,815.00
												312,002.00
												12.10%

Net Savings Amount Rs. Net Savings In Percentage

509
 (TPIA Rep.)
 (Computer)
 (Junior E)
 Ass. Engineer
 Div. Accountant
 Ex. Engineer

Medhraj Techno Concept Pvt. Ltd., Ghazipur
 M/S VSUPPL-00CJV, Ghazipur
 Division Office(E/M), Divis Office(E/M), U.P. Jai Nigam(Rural), Varanasi

GOVINDPUR KIRAT REORGANISATION WATER SUPPLY SCHEME

"UNDER JAL JEEVAN MISSION"

TEHSIL - GHAZIPUR, BLOCK - MARDAH

DISTRICT - GHAZIPUR

Bill of Quantity - TUBEWELL CONSTRUCTION

S.No.	SOR NO	Item of work	No.	L	B	H/D	Qty	Rate	Unit	Amount
1	As per RFP.	Drilling of Borehole for Tube well construction by DC/RC/DTH Rig Machine including transportation, erection, dismantling of Rig and associated T&P complete in all respect including required all material labor etc.								
1.1	2.01	Transportation, Installation Dismantling of Rig machine and logging of bore hole					1	156159.0708	Job	156,159.07
1.2		DC/RC Drilling up to 100Mtr.								
1.2.1	2.06	500 MMØ	1	65			65	2717.1906	Rmt	176,617.39
1.2.2	2.05	450 MMØ	1	35			35	2454.948254	Rmt	85,923.19
1.3		DC/RC Drilling from 101 MT. To 200 Mtr.Deep								
1.3.1	2.09	450 MMØ	1	100			100	2774.630072	Rmt	277,463.01
1.4		DC/RC Drilling from 201 MT. To 300 Mtr.Deep								
1.4.1	2.13	450 MMØ	1	0			0	3158.991212	Rmt	-
1.5		DC/RC Drilling from 301 MT. To 400 Mtr.Deep								
1.5.1	2.17	450 MMØ	1	0			0	3703.098394	Rmt	-
1.6	2.2	DTH Drilling upto 200.0 Mtr.Deep - 165/200 MMØ (in over burden/Hard Rock).	1	0			0	0	Rmt	-
1.7	2.22	Development / Flushing of tubewell	0				0	2895.94	Hrs	-
1.8	3.01	Tube Well Assembly								
1.8.1	3.04	MSERW plane pipe						0		
1.8.2	3.03	200 MMØ	1	60			60	2546.43	Rmt	152,785.80
1.9		150 MMØ	1	96			96	1897.34	Rmt	182,144.64
1.9.1	3.08	MSERW Pipe slotted pipe as per IS 8110	1	24.00			24	2796.08	Rmt	67,105.92

State Water and Sanitation Mission (SWSM)

1.9.2	3.11	MS fittings such as clamp, bail plug, reducer, well cap, girder & support structure				1	32249.787	Job	32,249.79
1.9.3	3.12	MS fittings such as ring & centre guide	1	180		180	471.019648	Rmt	84,783.54
2.0	As per RFP.	Lowering of above assembly with welding of parts complete in all respect with all required material, T&P, labour, etc.							
2.1	4	Lowering up to 100 Mtr. Deep							
2.1.1	4.04	200 MMØ MSERW Plane/Slotted Pipe				60	389.454	Rmt	23,367.24
2.1.2	4.03	150 MMØ MSERW Plane/Slotted Pipe				40	385.4596	Rmt	15,418.38
2.2	4.06	Lowering from 100 Mtr. To 200 Mtr. Deep							
2.2.1	4.07	150 MMØ MSERW Plane/Slotted Pipe				80	442.3798	Rmt	35,390.38
2.3	4.1	Lowering from 200 Mtr. To 300 Mtr. Deep							
2.3.1	4.11	150 MMØ MSERW Plane/Slotted Pipe				0	569.55151	Rmt	-
2.4	4.14	Lowering from 300 Mtr. To 400 Mtr. Deep							
2.4.1	4.15	150 MMØ MSERW Plane/Slotted Pipe				0	425.932858	Rmt	-
2.5	5	Supplying and unconsolidated packing of gravel with suitable size				45.3	7489.5	Cum	339,589.04
3.0	6	Development of Tube well							
3.1	6.03	Transportation, Installation Dismantling of 400 PSI Compressor				1	92022.9872	Job	92,022.99
3.2	6.05	Charges for Development by 400 PSI Compressor per hour				40	3267.26941	Hrs	130,690.78
3.3	6.09	Transportation, Installation Dismantling of 1 Cusec OP Unit and Yield test, water test				1	105089.6682	Job	105,089.67
3.4	6.10	Charges for Development of TW by 1 Cusec OP Unit				70	993.037798	Hr.	69,512.65
Total cost for each tubewell									2,026,313.5
Total cost for 3 tubewells									6,078,940.4
4	47	Earth filling of abandoned tubewell in Waterworks campus	1	34.23		34.23	106.8502	Cum	3,657.86
Total Cost of Tubewell									6,082,598.26
Total Cost (In Lacs)									60.83