

DOMANPUR & SARANGPUR GROUP OF PANCHAYAT'S WATER SUPPLY SCHEME
UNDER - JJM
BLOCK- LALGANJ, DISTRICT- AZAMGARH
Estimate of Cost of Tubewell construction

Discharge 860 LPM
Head 49 M
Drilling Depth of Tube well 275 M
Lowering of Tube well 250 M
Size of Tube well 300 x 150 mm

Sl No.	Item of work	No.	L	B	H/D	Qty	Rate	Unit	Amount	Remarks
1	DC/RC Drilling including Hiring Transportaion, Erection, Dismantling with Loading and unloading of Rig and associated T&P complete in all respect including required all material labour & T&P etc.									As per RFP.
1.1	DC/RC Drilling up to 100Mtr.									
1.1.1	600 MMO					60	2,796.21	Rmt	1,67,772.38	
1.1.2	450 MMO					40	2,448.06	Rmt	97,922.59	
1.2	DC/RC Drilling from 101 MT. To 200 Mtr.Deep									
1.2.1	450 MMO					100	2,766.85	Rmt	2,76,685.02	
1.2.2	Development / Flushing of tubewell						2,887.82	Hrs	-	
1.3	DC/RC Drilling from 201 MT. To 300 Mtr.Deep									
1.3.1	450 MMO					75	3,150.13	Rmt	2,36,260.02	
1.4	Tube Well Assembly									
	MISERW plain pipe As per IS 4270									
1.4.1	300 MMO					54	3,973.24	Rmt	2,14,555.07	
1.4.2	150 MMO					166	1,991.60	Rmt	3,30,605.60	
	MISERW Pipe slotted pipe as per IS 8110									
1.4.3	300 MMO					0	5,683.48	Rmt	-	
1.4.4	150 MMO					30	3,067.06	Rmt	92,011.92	
1.5	MS fittings such as clamp, ball plug, reducer, well cap, girder & support structure									
	MS Ring-									
1.5.1	300 mm Ø MS. Ring made by 175 mm x 16 mm Flat					10	2,061.31	No.	20,613.06	
1.5.2	150 mm Ø MS. Ring made by 150 mm x 12 mm Flat					34	1,264.67	No.	42,998.64	
	M5 Ball plug As per IS 2800									
1.5.3	150 mm Ø M.S. Ball Plug					1	1,717.76	No.	1,717.76	



Aqua Xplore

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Ref 405 -DL/ AX - 2023

Date 05.04.2023

Geophysical Borehole Logging Report

Name of the site : Domanpur, Block - Lalganj

District : Azamgarh

Date : 05.04.2023

Depth logged : 190.0 mbgl

Depth drilled : 200.0 mbgl - as reported

Logger used : UPTRON make

Presence : Representative of M/S GAJA-SGIPL(JV), Azamgarh

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water;

Sl.No.	Depth range(mbgl)	Thickness(m)	Remarks
1	23.0-33.0	10.0	Good all
2	40.0-44.0	4.0	
3	53.0-57.0	4.0	
4	61.0-68.0	7.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 73.0 mbgl till depth logged. Sl. Nos. 2 & 3 are highly kankar intermixed.

for Aqua Xplore

CC;

M/S GAJA-SGIPL(JV), Azamgarh

2018

G.P. - Domanpur.
Block - lalganj

FR
DAY 15

Acc. to DPR

Dis - 260

Size - (300 x 150) mm ϕ

Sp. - 30M

Proposed Assembly
(300 x 300) mm ϕ

