

**SOFIPUR GRAM PANCHAYAT WATER SUPPLY SCHEME  
UNDER - JJM**

**BLOCK- LALGANJ, DISTRICT- AZAMGARH**

**Estimate of Cost of Tubewell construction**

Sl.No.	Item of work	No.	L	B	H/D	Qty	Rate	Unit	Amount	Remarks
	Discharge 800 LPM Head 47 M Drilling Depth of Tube well 275 M Lowering of Tube well 250 M Size of Tube well 300 x 150 mm									
<b>I</b>	<b>DC/RC Drilling including Hiring Transportaion, Erection, Dismantling with Loading and unloading of Rig and associated T&amp;P complete in all respect including required all material labour &amp; T&amp;P etc.</b>									As per RFP.
1.1	DC/RC Drilling up to 100Mtr.									
1.1.1	500 MMØ					60	2,796.21	Rmt	1,67,772.38	
1.1.2	450 MMØ					40	2,448.06	Rmt	97,922.59	
1.2	DC/RC Drilling from 101 MT. To 200 Mtr.Deep									
1.2.1	450 MMØ					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 MMØ					75	3,150.13	Rmt	2,36,260.02	
1.4	Tube Well Assembly									
	<b>MSERW plain pipe As per IS 4270</b>									
1.4.1	300 MMØ					54	3,973.24	Rmt	2,14,555.07	
1.4.2	150 MMØ					166	1,991.60	Rmt	3,30,605.60	
	<b>MSERW Pipe slotted pipe as per IS 8110</b>									
1.4.3	300 MMØ					0	5,683.48	Rmt	-	
1.4.4	150 MMØ					30	3,067.06	Rmt	92,011.92	
1.5	<b>MS fittings such as clamp, bail plug, reducer, well cap, girder &amp; support structure</b>									
	<b>MS Ring-</b>									
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	
	<b>MS Bail plug As per IS 2800</b>									
1.5.3	150 mm Ø M.S. Bail Plug					1	1,717.76	No.	1,717.76	





# Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow - 226001

Mob. 9918202546 / 9889323322, Email-aquaxploreelko@gmail.com

Advisor- Dr. R. A. Yadav, ex- Manager(Groundwater), U. P. Jal Nigam

Ref 410 -SL / AX - 2023

Date 10.04.2023

## Geophysical Borehole Logging Report

Name of the site : Sofipur, Block - Lalganj

District : Azamgarh

Date : 10.04.2023

Depth logged : 192.0 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	25.0—32.0	7.0	Good (1 to 3)
2	35.0—39.0	4.0	
3	49.0—56.0	7.0	
4	64.0—74.0	10.0	Moderate (4)

Note. Zone is intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 87.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S GAJA-SGIPL(JV), Azamgarh