

DPR FOR
CHHAJO PATTI GRAM PANCHAYAT WATER SUPPLY SCHEME
UNDER - SWSM
BLOCK - PAWAI, TEHSIL -PHULPUR, DISTRICT -AZAMGARH
Estimate of Cost of Tubewell construction

Discharge	570	LPM
Head	51	m
Drilling Depth of Tubewell	275	m
Lowering of Tubewell	250	m
Size of Tubewell	200x150	mm

S No.	Item of work	No.	L	B	H/D	Qty	Rate (In Rs)	Unit	Amount (In Rs.)	Remarks / SOR Ref.
A	B	C	D	E	F	G	H	I	J	K
1	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	DC/RC Drilling up to 100Mtr.									
1.1.1	450 MMØ	1	40			40	2,448.06	m	97,922.59	2.02
1.1.2	500 MMØ	1	60			60	2,709.57	m	162,574.31	2.03
1.1.3	600 MMØ	-	-			-	2,796.21	m	-	2.04
1.2	DC/RC Drilling from 101 MT. To 200 Mtr.Deep									
1.2.1	450 MMØ	1	100			100	2,766.85	m	276,685.02	2.06
1.2.2	500 MMØ	-	-			-	3,025.24	m	-	2.07
1.2.3	600 MMØ	-	-			-	3,542.02	m	-	2.08
1.2	DC/RC Drilling from 201 MT. To 300 Mtr.Deep									
1.2.1	450 MMØ	1	75			75	3,150.13	m	236,260.02	2.10
1.2.2	500 MMØ	-	-			-	3,353.85	m	-	2.11
1.2.3	600 MMØ	-	-			-	3,761.30	m	-	2.12
1.3	Tube Well Assembly									
1.3	MSERW plain/blank pipe, As per IS 4270									
1.3.1	300 MMØ Housing pipe	-	-			-	3,973.24	m	-	3.04
1.3.2	200 MMØ Housing pipe	1	48			48	2,539.29	m	121,885.92	3.03
1.3.3	150 MMØ Plain/blank pipe	1	178			178	1,991.60	m	354,504.80	3.02
1.4	MSERW Pipe slotted pipe of 7.1 mm thickness as per IS 8110									
1.4.1	150 MMØ	1	18			18	3,067.06	m	55,207.15	3.06
1.4.2	200 MMØ	1	6			6	3,817.70	m	22,906.19	3.07
1.4.3	300 MMØ	-	-			-	5,683.48	m	-	3.08
1.5	Fittings in Tube Well Construction									
1.5	MS Ring									
1.5.1	200 mm Ø MS. Ring made by 150 mm x 12 mm Flat	10				10	1,593.28	No.	15,932.80	3.11
1.5.2	150 mm Ø MS. Ring made by 150 mm x 12 mm Flat	36				36	1,264.67	No.	45,527.98	3.10
1.5.3	300 mm Ø MS. Ring made by 175 mm x 16 mm Flat	-				-	2,061.31	No.	-	3.12

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CHAJOOPATTI WSS

1.6	MS Bail Plug As per IS 2800									
1.6.1	150 mm Ø M.S. Bail Plug	1				1	1,717.76	No.	1,717.76	3.14
1.6.2	200 mm Ø M.S. Bail Plug	-				-	2,061.31	No.	-	3.15
1.7	Reducer-									
1.7.1	200 x 150 mm Reducer	1				1	4,132.57	No.	4,132.57	3.18
1.7.2	300 x 150 mm Reducer	-				-	5,476.90	No.	-	3.19
1.7.3	300 x 200 mm Reducer	-				-	6,522.49	No.	-	3.17
1.8	MSSI Clamp- As per IS 2800									
1.8.1	150 mm Ø MS S.I. Clamp					-	1,493.70	No.	-	3.23
1.8.2	200 mm Ø MS S.I. Clamp	1				1	1,991.60	No.	1,992	3.24
1.8.3	300 mm Ø MS S.I. Clamp					-	4,032.99	No.	-	3.25
1.9.	TW Assy Support-									
1.9.1	200 mm Ø Tubewell Assembly Support	1				1	15,434.90	No.	15,434.90	3.28
1.9.2	300 mm Ø Tubewell Assembly Support	-				-	17,426.50	No.	-	3.29

Chassopatti, Pawal

Pump- S70

200 mm PP-54.0

150 mm PP-8.0

150 mm SP-18.0
(LCG)

	53.50
	53.70
	55.70
18	73.70
M	79.70



Aqua Xplore

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

Ref 619 - C/ AX - 2023

Date 19.06.2023

Geophysical Borehole Logging Report

Name of the site : Chhajjo Patti, Block – Pawai

District : Azamgarh

Date : 19.06.2023

Depth logged : 131.0 mbgl

Depth drilled : 165.0 mbgl – as reported

Logger used : UPTRON make

Presence : Representative of M/S Vikran Engineering & Exim Pvt. Ltd., 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	32.0—42.0	10.0	
2	55.0—74.0	19.0	Good all

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 81.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S Vikran Engineering & Exim Pvt. Ltd., Azamgarh