

Dated- \_\_\_\_\_

**Name of Contractor** M/s NCC Limited , SWSM Project **Executive Engineer, 13th Division(E&M), U.P. Jal Nigam ,**  
**Name of Work :-** Survey , Design , Preparation of DPR, Construction , Commissioning and O&M for 10 years of various rural water  
**Serial No. of this Bill** 1B Running Bill  
**Number and date of this Previous Bill for this work :-**  
**Reference to agreement :-**  
**Cover Agreement No.** 256/ED/Phase-3/IX, Dated 21.12.2022  
**Tri Partite Agreement No.** JJM/UP/Phase 3/Lakhimpur Kheri/NCC/181  
**Name of Scheme :-** Bhoora pipari & bhangeli

Advance Payments			I-Account of work executed					Amount			Remarks (with reasons for delay in 10)			
Total as per Previous bill	*Since Previous Bill	Total Up to date	Items of work (grouped under "sub-heads" and "sub-work" of estimate)	Unit	Rate	% Of Payment	Executed Quantity		Total	Previous Bill		This Bill		
1	2	3	4	5	6		Total Qty	Previous Bill Qty				10		
Rs.	Rs.	Rs.	BOQ S No.		Rs	P								
			2.02	450 MMØ	Mtr.	2038.6	85%	46.00	46.00	79,709.65	-	79,709.65		
			2.04	600 MMØ	Mtr.	2493	85%	54.00	54.00	1,14,428.70	-	1,14,428.70		
			2.06	450 MMØ	Mtr.	2422.5	85%	65.00	65.00	1,33,844.23	-	1,33,844.23		
			3.02	150 MMØ	Mtr.	1996.8	90%	78.00	78.00	1,40,175.36	-	1,40,175.36		
			3.04	300 MMØ	Mtr.	3983.6	90%	48.00	48.00	1,72,092.38	-	1,72,092.38		
			3.06	150 MMØ	Mtr.	3075.1	90%	24.00	24.00	66,421.51	-	66,421.51		
			3.10	150 mm ø MS. Ring made by	No.	1268	90%	16.00	16.00	18,258.77	-	18,258.77		
			3.12	300 mm ø MS. Ring made by	No.	1446.7	90%	7.00	7.00	9,114.15	-	9,114.15		
			3.14	150 mm ø M.S. Bail Plug	No.	1722.2	90%	1.00	1.00	1,550.02	-	1,550.02		
			3.19	300 x 150 mm Reducer	No.	5491.2	90%	1.00	1.00	4,942.08	-	4,942.08		
			3.25	300 mm ø MS S.I. Clamp)	No.	4043.5	90%	1.00	1.00	3,639.17	-	3,639.17		
			3.29	300 mm ø Tubewell	No.	17472	90%	1.00	1.00	15,724.80	-	15,724.80		
				MS Well Cap-						-	-	-		
			3.33	300mm ø MS Well Cap	No.	1547.5	90%	1.00	1.00	1,392.77	-	1,392.77		
			3.34	Center guide for 150mm	No.	918.53	90%	8.00	8.00	6,613.42	-	6,613.42		
			4.02	150 MMØ MSERW	Mtr.	269.57	85%	52.50	52.50	12,029.56	-	12,029.56		
			4.04	300 MMØ MSERW	Mtr.	465.25	85%	47.50	47.50	18,784.47	-	18,784.47		
			4.06	150 MMØ MSERW	Mtr.	316.59	85%	47.50	49.70	12,782.32	-	13,374.34		
			4.17	Logging of Borehole by	Job	17971	85%	1.00	1.00	15,275.52	-	15,275.52		
			5.00	Supplying and	Cum	7488	85%	35.15	35.15	2,23,722.72	-	2,23,722.72		
			<b>TOTAL Value Of Work Done</b>									<b>10,50,501.60</b>	-	<b>10,51,093.62</b>
				CGST@9%			9% of Subtotal						94,598.43	
				SGST@9%			9% of Subtotal						94,598.43	
				Grand Total									12,40,290.48	
				Say:-									12,40,290.00	

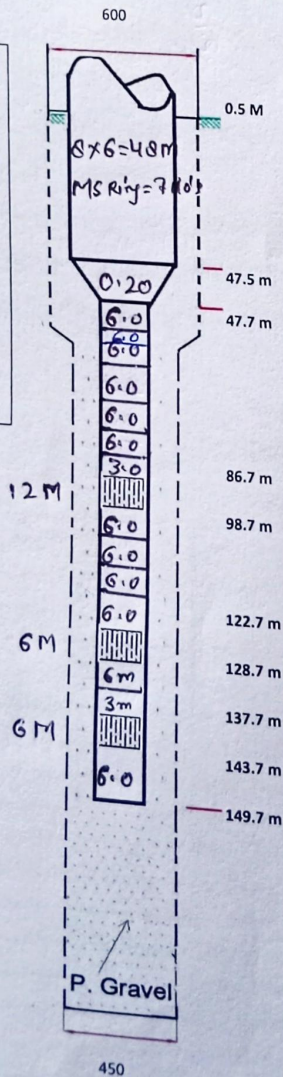
*Ashish*  
**ASHISH KUMAR**  
 JUNIOR ENGINEER  
 DIVISIONAL OFFICE  
 U.P. JAL NIGAM (R)  
 LUCKNOW

**Completion Plan Of Tubewell**

Name Of Work :- Construction of T. W. of G.P. Bhoora Pipari & Bhangeli, Block- Mohammadi, District, Lakhimpur Kheri.  
 Name Of Program :- J. J. M-2  
 Name of client :- S.W.S.M. & U.P. JAL NIGAM ( R )  
 Name Of Contractor :- M/S NCC Limited  
 Name Of TPI :- Ceinsys Tech Limited  
 Contract Agreement :- 12/ED/Phase-3/2021-22, date-07.01.2022  
 Cover Agreement :- 256/ED/Phase-3/2022-23/IX, Dated 21.11. 2022

Lowered Assembly Chart of T. W of Bhoora Pipari & Bhangeli G.P W/S Scheme District :- Lakhimpur Kheri.

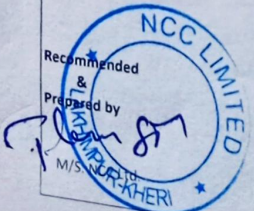
Strata		
0 - 5	M.	Surface Soil
5 - 10	M.	Dry Sand
10 - 20	M.	Fine sand
20 - 25	M.	Clay Kankar
25 - 30	M.	Fine to Medium Sand
30 - 45	M.	Clay Kankar
45 - 51	M.	Medium Sand
51 - 56	M.	Clay Kankar
56 - 68	M.	Medium Sand
68 - 71	M.	Clay Kankar
71 - 76	M.	Medium Sand
76 - 85	M.	Clay Kankar
85 - 110	M.	Medium Sand
110 - 121	M.	Clay Kankar
121 - 130	M.	Medium Sand
130 - 135	M.	Clay Kankar
135 - 146	M.	Fine to Medium Sand
146 - 165	M.	Sandy Clay



ABSTRACT		
1	Type of Rig Machine	:- DC/RC
2	Static Water level	:-
3	Required Discharge	:- 750 LPM
4	Bore Size (MM)	:- 600 X 450
5	Assembly Size (MM)	:- 300 X 150
6	Drilling Starting Date	:- 18-03-2023
7	Drilling Completion Date	:- 22-03-2023
8	Total Depth Of Drilling	:- 165 M
9	Logging Date	:- 23-03-2023
10	Logging Depth	:- 165 M

Logging Report			
Sl No	Depth (mbgl)	Thickness (m)	Remarks
1	0 - 5	5	
2	5 - 10	5	
3	10 - 20	10	
4	20 - 25	5	
5	25 - 30	5	
6	30 - 45	15	
7	45 - 51	6	
8	51 - 56	5	
9	56 - 68	12	
10	68 - 71	3	(Good All)
11	71 - 76	5	
12	76 - 85	9	
13	85 - 110	25	
14	110 - 121	11	
15	121 - 130	9	
16	130 - 135	5	
17	135 - 146	11	
18	146 - 165	19	

11 Details of Lowered Assembly			
i)	300	MM Dia Housing Pipe	:- 48 M
ii)	150	MM Dia M. S. Slotted pipe	:- 24 M
iii)	150	MM Dia M. S. Plain pipe	:- 78 M
iv)	300 X 150	MM Dia M S Reducer	0.2 M
		Total :-	150.20 Meter
		AGL :-	0.50 Meter
		BGL :-	149.70 Meter
12	Date of Lowering		:- 24.03.2023



Verified by

M/S. Ceinsys Tech Ltd.

J.E  
13th Division UP Jal Nigam (R)  
Lucknow

Recommended by

A.E  
13th Division UP Jal Nigam (R)  
Lucknow

Approved by

E.E  
13th Division U.P Jal  
Nigam (R) Lucknow

# REPORT ON GEOPHYSICAL WELL LOGGING

Bhokra Ripari <sup>AT</sup> & Bhangeli → Mohammadi  
 GRAM PANCHAYAT- BHANGELI, BLOCK- MOHAMMADI, DISTT-LAKHIMPUR KHIRI  
 UNDER  
 JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 165 mtrs. depth. and Logged depth ~~165~~ mtrs. at above site. Was drilled by M/s NCC, Lakhimpur Khiri.

On the request of M/s NCC, Lakhimpur Khiri. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 19.Mar.2023.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major Aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

Mud Resistivity = 16.58 Ohms.

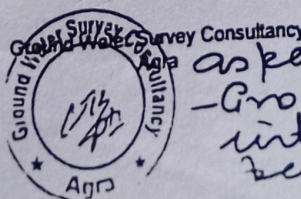
Drilling Water Resistivity = 17.65 Ohms.

Approx Water Level = 14 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 10	5	Dry sand	
3.	10 - 20	10	Fine sand	Good
4.	20 - 25	5	Clay kankar	
5.	25 - 30	5	Fine to medium sand	Good
6.	30 - 45	15	Clay kankar	
7.	45 - 51*	6	Medium sand	Good
8.	51 - 56	5	Clay kankar	
9.	56 - 68*	12	Medium sand	Good
10.	68 - 71	3	Clay kankar	
11.	71 - 76*	5	Medium sand	Good
12.	76 - 85	9	Clay kankar	
13.	85 - 110*	15	Medium sand	Good
14.	110 - 121	11	Clay kankar	
15.	121 - 130*	9	Medium sand	Good
16.	130 - 135	5	Clay kankar	
17.	135 - 146*	11	Fine to medium sand	Good
18.	146 - 165	19	Sandy Clay	

Sr NO U-72-76  
 (4w)

G.Sh  
 21/03/23



- Logging performed  
 as per SWSM guidelines.  
 - Groundwater quality  
 interpreted by team as  
 per their logger Calibrat

Nec. Bhorra / 1 part d  
 sudor. 73m13  
 x - Bhargali, mohammadi, LRP

Discloge - 750LPM

A.53e - 300x150  
 30

Rep of - 19<sup>25</sup>/23

45-51 = 6

58-68 = 12

71-76 = 5 [72-76]  
 = 4

85-110 = 15 ⇒ 12

121-130 = 9 ⇒ 6

135-146 = 11 ⇒ 9

		47.5
	0.20	47.7
	6.0 + 6.0	
	6.0	
	6.0	
	6.0	
	3.0	86.7
6.0		
6.0		98.7
	6.0	
	6.0	
	6.0	
	6.0	122.7
6.0		128.7
	3.0	137.7
6.0		143.7
	6.0	149.7