

**UP JAL NIGAM**

(Final payments must invariably be made on forms printed on yellow paper which should not be used for intermediate payments)

**FORM 27- RUNNING ACCOUNTS BILL B**

[ See Chapter X, Paragraphs, 284, 287 and 289]

( For Contractors: This form provides only for (1) Advance payments (2) Secured Advance and (3) Payment for Measured works)

Cash Book Voucher No:-

Name of Contractor :- **M/s NCC Limited , SWSM Project ,Lakhimur**

Dated-

**Executive Engineer,13th Division(E&M),U.P.Jal Nigam , Lucknow**

Name of Work :- **Survey , Design , Preparation of DPR, Construction , Commissioning and O&M for 10 years of various rural water supply project in the state of Uttar Pradesh - Lakhimpur Kheri Distt.**

Serial No. of this Bill :- **1B Running Bill**

Number and date of this Previous Bill for this work :-


Reference to agreement :- **Agreement No.-64 /ED / 2020 - 21 Dated - 12.03.21**

Cover Agreement No.-321/ED/Phase-2/2022-23/X DL 18 Jan 2023

Name of Scheme :-**Dhanwarpur**

**I-Account of work executed**

Advance Payment's For work Not yet Measured			Items of work (grouped under "sub-heads" and "sub-work" of estimate)	Unit	Rate	% Of Payment	Executed Quantity			Amount			Remarks (with reasons for delay in settling payment shown in column 1)		
Total as per Previous bill	*Since Previous Bill	Total Up to date					Total Qty	Previous Bill Qty	This Bill Qty	Total	Previous Bill	This Bill			
1	2	3					4	5	6	7	8	9		10	
Ra.	Ra.	Ra.	BOQ S No.		Ra.	P.									
			2.00	Drilling of Borehole for Tube well construction by DC/RC/DTH Rig Machine Including transportation, erection, dismantling of Rig and associated T and P complete in all respect Including required all material labor etc.				-			-				
			2.01	Transportation, Installation Dismantling of Rig machine and logging of bore hole	Job	126737.73	85%	1.00		1.00	1,07,727.07	-		1,07,727.07	
			2.02	Tube well construction				-			-			-	
			2.03	DC/RC Drilling up to 100Mtr.				-			-			-	
			2.05	450 MM	Mtr.	2039.43	85%	46.00		46.00	79,741.71	-		79,741.71	
			2.06	500 MM	Mtr.	2257.29	85%	54.00		54.00	1,03,609.61	-		1,03,609.61	
			2.08	DC/RC Drilling from 101 MT. To 200 Mtr.Deep				-			-			-	
			2.09	450 MM	Mtr.	2423.49	85%	65.00		65.00	1,33,897.82	-		1,33,897.82	
			3.00	Tubwell Assembly:				-			-			-	
			3.01	MSERW plain pipe,As per IS 4270				-			-			-	
			3.03	150 MM	Mtr.	1897.72	90%	65.00		65.00	1,11,016.62	-		1,11,016.62	
			3.04	200 MM	Mtr.	2546.94	90%	48.00		48.00	1,10,027.81	-		1,10,027.81	
			3.06	MSERW Pipe slotted pipe as per IS 8110				-			-			-	
			3.08	150 MM	Mtr.	2796.64	90%	18.00		18.00	45,305.57	-		45,305.57	
			3.11	MS fittings such as clamp, ball plug, reducer, well cap, girder and support	LS	32256.25	90%	1.00		1.00	29,030.63	-		29,030.63	
			3.12	MS fittings such as ring and centre guide	RM	471.11	90%	130.70		130.70	55,416.67	-		55,416.67	
			4.00	Lowering of above assembly with welding of parts complete in all respect with all required material T and P labour				-			-			-	
			4.01	Lowering up to 100 Mtr Deep				-			-			-	
			4.03	150 MM MSERW Plane/Slotted Pipe	Mtr.	269.66	85%	52.50		52.50	12,034.47	-		12,034.47	
			4.04	200 MM MSERW Plane/Slotted Pipe	Mtr.	343.59	85%	47.50		47.50	13,872.45	-		13,872.45	
			4.06	Lowering from 101 Mtr To 200 Mtr Deep				-			-			-	
			4.07	150 MM MSERW Plane/Slotted Pipe	Mtr.	316.72	85%	30.70		30.70	8,264.81	-		8,264.81	
			5.00	Supplying and unconsolidated packing of gravel with suitable size	Cum	7491	85%	31.35		31.35	1,99,616.42	-		1,99,616.42	
			20.00	SITC of Solar power plant (for complete plant) Including solar pannel, Structure, Invertor etc. complete in all respect with required material, T&P labour	KW	86695.84	70%	10.50		10.50	6,37,214.42	-		6,37,214.42	
			<b>TOTAL Value Of Work Done</b>									<b>16,48,776.00</b>	-		<b>16,48,776.00</b>
				CGST@9%				9% of Subtotal						1,48,209.84	
				SGST@9%				9% of Subtotal						1,48,209.84	
				Grand Total										19,43,195.88	
				Say:-										<u>18,43,196.00</u>	

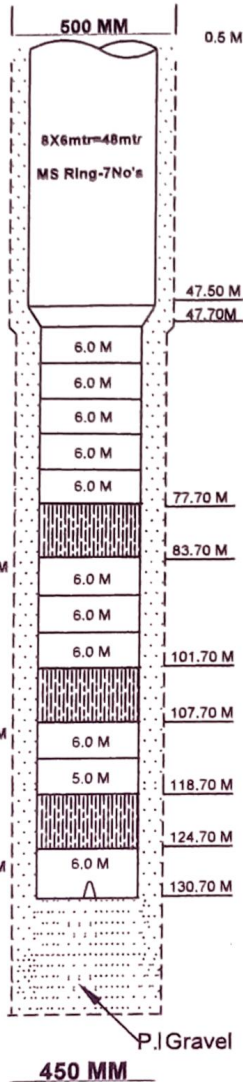
  
**VIKAS KR. YADAV**  
 JUNIOR ENGINEER  
 DIVISIONAL OFFICE (E&M),  
 U.P. JAL NIGAM (R)  
 LUCKNOW

# COMPLETION PLAN OF TUBEWELL

**Name of work :- Construction of T. W. of G.P. Dhanvarpur , Block- Behjam, District, Lakhimpur Kheri.**  
**Name of Program :- J.J.M-2**  
**Name of client :- S.W.S.M. & U.P. AL NIGAM ( R )**  
**Name of Contractor :- M/S NCC Limited**  
**Name of TPI :- Ceinsys Tech Limited**  
**Cover Agreement :- 321/ED/Phase-2/2022-23/X, Dated 18.01.2023**  
**Lowered Assembly Chart of T. W of G.P. Dhanvarpur , Block- Behjam,**

## Strata

0-5 mtr Surface Soil
5-12 mtr Clay
12-23 mtr Medium Sand
23-25 mtr Clay
25-35 mtr Medium Sand
35-55 mtr Clay Kankar
55-68 mtr Medium Sand
68-75 mtr Clay Kankar
75-85 mtr Medium Sand
85-90 mtr Clay Kankar
90-111 mtr Medium Sand & Kankar
111-116mtr Clay Kankar
116-125 mtr Medium Sand
125-130 mtr Caving Clay
130-141 mtr Medium
141-150 mtr Clay Kankar
150-158 mtr Medium Sand
158-165 mtr Clay Kankar



ABSTRACT	
1	Type of Rig Machine :- DC Cum RC
2	Required Discharge :- 410 LPM
3	Bore Size (MM) :- 500x450
4	Assembly Size (MM) :- 200 x 150
5	Drilling Starting Date :- 2.04.2023
6	Drilling Completion Date :- 08.04.2023
7	Total Depth Of Drilling :- 165M
8	Logging Date :- 9.04.2023
9	Logging Depth :- 165M

Logging Report By Ground Water Investigation Center				
Sl.No	Depth (mbgl)	Thickness (m)	Lithology	Remarks
1	55-68	13	Medium Sand	Good
2	75-85	10	Medium Sand	Good
3	90-111	21	M.S & Kankar	Good
4	116-125	9	Medium Sand	Good
5	130-141	11	Medium Sand	Good
6	150-158	8	Medium Sand	Good

**(G.Shukla)**  
 Verified by Asst. Hydrologist  
 Circle Office(E&M) U.P al  
 Nigam (Rural)

**(A.K Singh)**  
 Verified by Geophysicist  
 GIC Lucknow.

11. Details of Lowered Assembly	
i) 200 mm Dia Housing Pipe :- 48.00 Meter	
ii) 150 mm Dia M. S. Slotted pipe :- 18.00Meter	
iii) 150 mm Dia M. S. Plain pipe :-65.00Meter	
iv) 200 x 150 mm Dia M S Reducer :- 0.20 Meter	
Total :- 131.20 Meter	
AGI :- 00.50 Meter	
BGL :- 130.70 Meter	
12. Date of Lowering :- 12.04.2023	

Recommended & Prepared by

Verified by

Recommended by

Approved by

M/s NCC Ltd

M/s Ceinsys Tech Ltd

Divisional office (E&M) UP  
 Jal Nigam (R) Lucknow

A.E  
 Divisional office (E&M) UP  
 Jal Nigam (R) Lucknow

E.E  
 Divisional office (E&M) UP  
 Jal Nigam (R) Lucknow

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- DIHANVERPUR, BLOCK- BEJJAM,  
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 09.April.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 = 23.42 Ohms.

Drilling Water Resistivity = 24.37 Ohms.

Approx Water Level = 9 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 12	7	Clay	
3.	12 - 23	11	Medium sand	Good
4.	23 - 25	2	Clay	
5.	25 - 35	10	Medium sand	Good
6.	35 - 55	20	Clay kankar	
<del>7.</del>	55 - 68*	13	Medium sand	Good
8.	68 - 75	7	Clay kankar	
<del>9.</del>	75 - 85*	10	Medium sand	Good
10.	85 - 90	5	Clay kankar	
<del>11.</del>	90 - 111*	21	Medium sand & kankar	Good
12.	111 - 116	5	Clay kankar	
<del>13.</del>	116 - 125*	9	Medium sand	Good
14.	125 - 130	5	Clay kankar	
<del>15.</del>	130 - 141*	11	Medium sand	Good
16.	141 - 150	9	Clay kankar	
<del>17.</del>	150 - 158*	8	Medium sand	Good
18.	158 - 165	7	Clay kankar	

Sr No 7- 58-68 (10m)

Sr No 15- 131-141 (10m)

G.Sh

11/04/23

Ground Water Survey Consultancy



- Logging performed as per SWSM guidelines  
Groundwater quality interpreted by firm as per their logger calibration