

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)

sh Book Voucher No:-

Name of Contractor M/s NCC Limited , SWSM Project

Dated-

Name of Work :- Survey , Design , Preperation of DPR, Construction , Commisioning and O&M for 10 years of various riral

Serial No. of this Bill 1B Running Bill

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

Reference to agreement :- Agreement No.-496 /ED /Phase-3/ 2022 - 23/XX Dated - 03.02.2023

Tri Partite Agreement No.JJM/UP/Phase 3/Lakhimpur Kheri/NCC/180

Name of Scheme :- Sankarpur Raja

I-Account of work executed

Advance Payment's For work Not yet Measured			I-Account of work executed											Remarks (with reasons for delay)
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			Amount			
								Total Qty	Previous Bill Qty	This Bill Qty	Total	Previous Bill	This Bill	
1	2	3	4		5	6								10
Rs.	Rs.	Rs.	BOQ S.No.			Rs.	P							
			2.00	DC/RC Drilling including Hiring Transportaion , Erection , Dismantling with										
				DC/RC Drilling up to 100Mtr.										
			2.02	450 MMØ	Mtr.	2039	90%	46.00		46.00	84,398.45	-	84,398.45	
			2.03	500 MMØ	Mtr.	2256	90%	54.00		54.00	1,09,660.07	-	1,09,660.07	
			2.06	450 MMØ	Mtr.	2423	90%	65.00		65.00	1,41,717.42	-	1,41,717.42	
			3.02	150 MMØ	Mtr.	1997	90%	72.00		72.00	1,29,392.64	-	1,29,392.64	
			3.03	200 MMØ	Mtr.	2546	90%	48.00		48.00	1,09,983.74	-	1,09,983.74	
			3.06	150 MMØ	Mtr.	3075	90%	18.00		18.00	49,816.13	-	49,816.13	
				MS Ring-				-			-	-	-	
			3.10	150 mm ø MS. Ring made by 150 mm x 12 mm Flat	No.	1268	90%	14.00		14.00	15,976.42	-	15,976.42	
			3.11	200 mm ø MS. Ring made by 150 mm x 12 mm Flat	No.	1597	90%	7.00		7.00	10,063.87	-	10,063.87	
			3.14	150 mm ø M.S. Bail Plug	No.	1722	90%	1.00		1.00	1,550.02	-	1,550.02	
			3.18	200 x 150 mm Reducer	No.	4143	90%	1.00		1.00	3,729.02	-	3,729.02	
				MSSI Clamp- As per IS 2800				-			-	-	-	
			3.24	200 mm ø MS S.I. Clamp)	No.	1997	90%	1.00		1.00	1,797.12	-	1,797.12	
			3.28	200 mm ø Tubewell Assembly Support	No.	15475	90%	1.00		1.00	13,927.68	-	13,927.68	
			3.32	200 mm ø MS Well Cap	No.	1348	90%	1.00		1.00	1,213.06	-	1,213.06	
				Centre Guide-				-			-	-	-	
			3.34	Center guide for 150mm øTW Assembly	No.	918.5	90%	8.00		8.00	6,613.42	-	6,613.42	
			4.02	150 MMØ MSERW Plane/Slotted Pipe	Mtr.	269.6	90%	52.50		52.50	12,737.18	-	12,737.18	
			4.03	200 MMØ MSERW Plane/Slotted Pipe	Mtr.	343.5	90%	37.70		37.70	11,653.26	-	11,653.26	

4.06	150 MMØ MSERW Plane/Slotted Pipe	Mtr.	316.6	90%	28.70	28.70	8,177.52	-	8,177.52
4.17	Logging of Borehole by Electric logging	Job	17971	90%	1.00	1.00	16,174.08	-	16,174.08
5.00	Supplying and unconsolidated packing of	Cum	7488	90%	35.10	35.10	2,36,545.92	-	2,36,545.92
6.00	Development of Tube well				-		-	-	-
6.02	250 PSI Compressor per hour	Hr.	3644	90%	44.00	44.00	1,44,308.74	-	1,44,308.74
6.05	Charges for Development of TW by .5 cusec OP Unit	Hr.	838.7	90%	89.00	89.00	67,176.67	-	67,176.67
7.03	12.5 HP (100 mm Dia size Main piping And valves)	Nos.	2E+05	80%	-		-	-	-
TOTAL Value Of Work Done							11,76,612.43	-	11,76,612.43
	CGST@9%			9%of Subto tal					1,05,895.12
	SGST@9%			9%of Subto					1,05,895.12
	Grand Total								13,88,402.67
	Say:-								13,88,403.00

Ashish

ASHISH KUMAR
JUNIOR ENGINEER
REGIONAL OFFICE (E&M)
U.P. JAL NIGAM (R)
LUCKNOW

* Wherever there is an entry in column 9 on the basis of actual measurement the whole of the amount previously paid without detailed measurement should be adjusted by a minus entry in column 2 equivalent to the amount shown in column 9 so that the

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- SHANKARPUR RAJA, 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 03.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:-

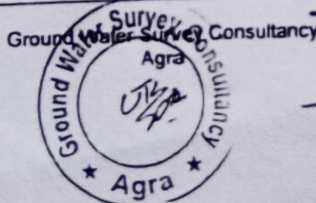
Mud Resistivity = ~~17.42~~ Ohms.

Drilling Water Resistivity = ~~18.74~~ 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 - 9	4	Dry sand	
3.	9 - 25	16	Clay kankar	
4.	25 - 34	9	Fine sand	Medium
5.	34 - 36	2	Clay kankar	
6.	36 - 45	9	Fine to Medium sand	Medium
7.	45 - 50	5	Clay kankar	
8.	50 - 64*	14	Medium sand	Medium
9.	64 - 79	15	Clay kankar	
10.	79 - 94*	15	Medium sand	Medium
11.	94 - 100	6	Clay kankar	
12.	100 - 109*	9	Medium sand	Medium
13.	109 - 125	16	Clay kankar	
14.	125 - 142*	17	Medium sand	Medium
15.	142 - 147	5	Kankar	
16.	147 - 165*	18	Medium sand	Medium

GSh
04/03/23



- Logging performed as per SWM guidelines.
- Groundwater quality interpreted by formulas per their logger calibration

NCC
Asstt
JSM-3

Shankar Raju, mohammadi
37m³

Discharge - 450 Lpm

A. size - 200 x 150 mm
10.

Rep. of - 3 ²/₂₃

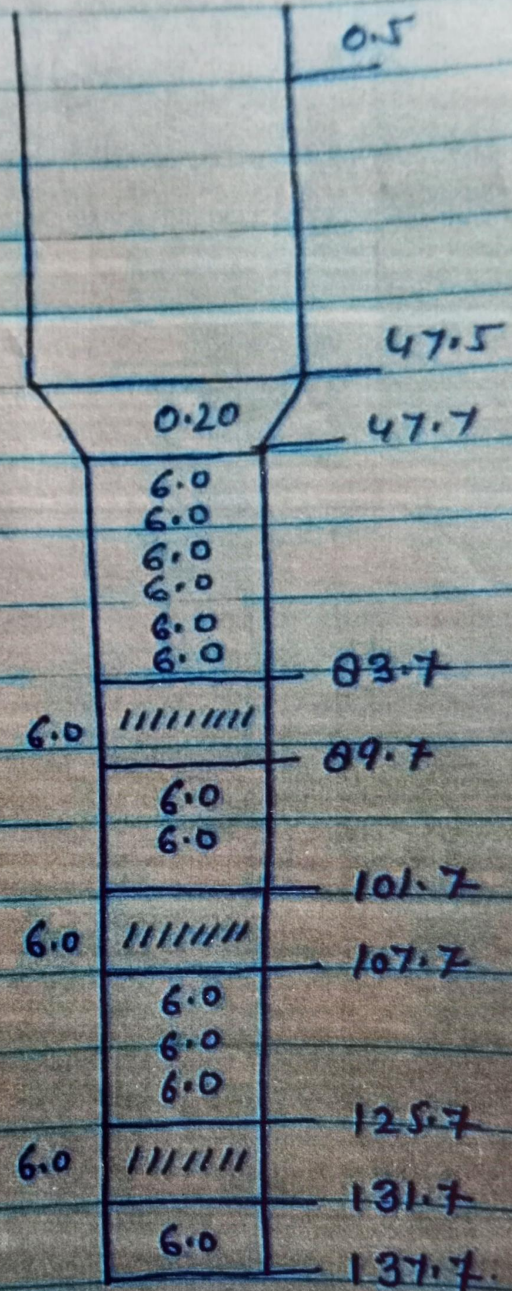
$$50 - 64 = 14$$

$$79 - 94 = 15 = 6$$

$$100 - 109 = 9 = 8$$

$$125 - \overset{14}{\cancel{109}} = 16 = 6$$

$$147 - 165 = 18$$

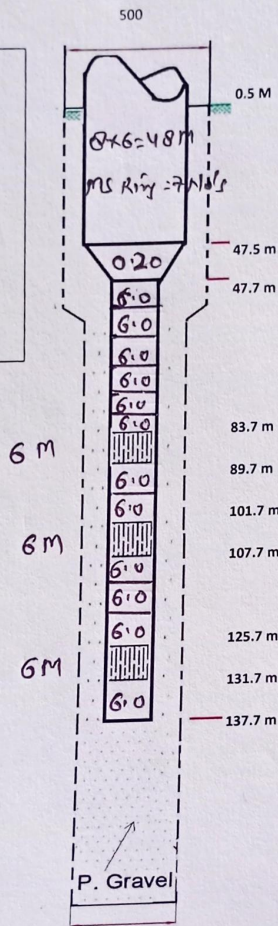


Completion Plan Of Tubewell

Name Of Work :- Construction of T. W. of G.P. Shankarpur Raja, 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 :- 496/ED/Phase-3/2022-23/XX, Dated 03.03.2023

Lowered Assembly Chart of T. W of Shankarpur Raja G.P W/S Scheme District :- Lakhimpur Kheri.

Strata		
0	- 5	M ₁ Surface Soil
5	- 9	M ₁ Dry Sand
9	- 25	M ₁ Clay Kankar
25	- 34	M ₁ Fine Sand
34	- 36	M ₁ Clay Kankar
36	- 45	M ₁ Fine Sand
45	- 50	M ₁ Clay Kankar
50	- 64	M ₁ Fine to Medium Sand
64	- 79	M ₁ Clay Kankar
79	- 94	M ₁ Medium Sand
94	- 100	M ₁ Clay Kankar
100	- 109	M ₁ Medium Sand
109	- 125	M ₁ Clay Kankar
125	- 142	M ₁ Medium Sand
142	- 147	M ₁ Kankar
147	- 165	M ₁ Medium Sand



ABSTRACT		
1	Type of Rig Machine	:- DC/RC
2	Static Water Level	:-
3	Required Discharge	:- 450 LPM
4	Bore Size (MM)	:- 500 X 450
5	Assembly Size (MM)	:- 200 X 150
6	Drilling Starting Date	:- 26-02-2023
7	Drilling Completion Date	:- 02-03-2023
8	Total Depth Of Drilling	:- 165 M
9	Logging Date	:- 03-03-2023
10	Logging Depth	:- 165 M

Logging Report			
Sl No	Depth (mbgl)	Thickness (m)	Remarks
1	0 - 5	5	
2	5 - 9	4	
3	9 - 25	16	
4	25 - 34	9	
5	34 - 36	2	
6	36 - 45	9	
7	45 - 50	5	
8	50 - 64	14	
9	64 - 79	15	
10	79 - 94	15	
11	94 - 100	6	
12	100 - 109	9	
13	109 - 125	16	
14	125 - 142	17	
15	142 - 147	5	
16	147 - 165	18	(Medium All)

11 Details of Lowered Assembly			
i)	200	MM Dia Housing Pipe	:- 48 M
ii)	150	MM Dia M. S. Slotted pipe	:- 18 M
iii)	150	MM Dia M. S. Plain pipe	:- 72 M
iv)	200 X 150	MM Dia M S Reducer	0.2 M
		Total	:- 138.20 Meter
		AGL	:- 0.50 Meter
		BGL	:- 137.70 Meter
12	Date of Lowering	:- 04.03.2023	

Recommended & Prepared by

Verified by

Recommended by

Approved by

M/S. NCC

M/S. Ceinsys Tech Ltd.

13th Division UP Jal Nigam (R)
Lucknow

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

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

NAME OF WORK

NAME OF PROGRAM

NAME OF CLIENT

NAME OF CONTRACTOR

NAME OF TPI

AGREEMENT NO.

AGREEMENT NO.

TEST REPORT OF DEVELOPMENT TUBE WELL BY AIR COMPRESSOR

CONSTRUCTION OF T.W. OF Shree Karpur/S Scheme Block Mishanadi District, Lakhimpur Kheri
Raja

SWSM & U.P. JAL NIGAM (R)
 M/s NCC LIMITED
 M/s CEINSYS TECH LIMITED

64/ED / 2020-21, dated 12.03.2021
 12/ED/Phase-3/2021-22, dated 07.01.2022

TEST REPORT OF DEVELOPMENT TUBE WELL BY 2.50 PSI AIR COMPRESSOR

DATE OF START

DATE OF COMPLETION

DATE OF TESTING

STATIC WATER LEVEL

SOUNDING OF T/W BEFORE DEVELOPMENT

20-03-2023 17:30:23

25-03-2023 23:30:23

25-03-2023 23:30:23

12.00 mty

124.00 mty

SOUNDING OF T/W AFTER DEVELOPMENT - 135-70 mty

SIZE OF T/W ASSEMBLY - 2.00 x 1.50 mty

LOWERED AIR LINE - 128.00 mty

PEA GRAVEL CONSUMPTION -

128.00 mty

WATER CONSUMPTION :-														
SL. NO.	AIR LINE LOWERED IN (MTRS)	STARTING PRESSURE KG/CM2	RUNNING PRESSURE KG/CM2	DEPRESSION		DISCHARGE BY V-NOTCH (90°)		SAND CONTENTS IN P.P.M						
				IN KG/CM2	IN (MTRS)	IN INCH	LPM	STARTING	AFTER 5 MIN	AFTER 10 MIN	AFTER 15 MIN	AFTER 20 MIN		
1	2	3	4	5	6	7	8	9	10	11	12	13		
1-	128.00	11.50	10.80	0.70	7	7	1207	4500	2000	1000	800	500		
1														

SR PROJECT MANAGER
 M/s NCC LIMITED

TPI
 M/s CEINSYS TECH LTD.

(A. Singh) JUNIOR ENGINEER
 DIVISION (E&M)

(V. N. Yadav) ASSISTANT ENGINEER
 DIVISION (E&M)

(S. R. Gupta) EXECUTIVE ENGINEER
 DIVISION (E&M)
 U.P. JAL NIGAM (R) LKO

200m

YIELD TEST REPORT OF TUBE WELL BY OP UNIT

CONSTRUCTION OF T. W. OF Shankarpur V/S Scheme Block Mohamadi DISTRICT, LAKHIMPUR KHURI

Raja

SWSM & U.P JAL NIGAM (R.)
M/s NCC LIMITED

M/s CEINSYS TECH LIMITED

64/ED / 2020-21 DATE :- 12.03.2021

12/ED / Phase-3/2021-22 DATE :- 07.01.2022

YIELD TEST REPORT OF TUBE WELL BY 2 CUSEC O. P. UNIT

- 1 DATE OF START :- 24 - 03 - 2023
- 2 DATE OF COMPLETION :- 01 - 04 - 2023
- 3 DATE OF TESTING :- 01 - 04 - 2023
- 4 SOUNDING OF T/W BEFORE DEVELOPMENT :- 135.00 MTR
- 5 SOUNDING OF T/W AFTER DEVELOPMENT :- 135.70 MTR
- 6 DIA OF HOUSING PIPE :- 200 X 150 mm
- 7 TOTAL COLUMN PIPE LOWERED :- 24 MTR
- 8 SIZE OF ORIFICE PIPE :- 4" X 3"

SL. NO.	DISCHARGE BY				STATIC WATER LEVEL IN (M)	RUNNING WATER LEVEL IN (M)	DEPRESSION IN (M) (6-5)	SAND CONTENTS IN P.P.M.					REMARKS
	ORIFICE PIPE		WATER METER IN(LPM)	STARTING				AFTER 5 MIN	AFTER 10 MIN	AFTER 15 MIN	AFTER 20 MIN		
	INCH	LPM											
1	2	3	4	5	6	7	8	9	10	11	12	15	
1	50	1136	-	13.50	17.50	4.00	450	350	250	150	50		
672	20	712	-	13.50	16.00	2.50	100	75	75	CL	CL		
3	9	477	-	13.50	15.50	2.00	50	75	CL	CL	CL		

RECOMMENDED DISCHARGE :- 450 LPM DEPRESSION :- 2.00 METERS

NOTE :- IN STARTING PUMP SHOULD RUN AT LEAST 10 MINUTES IN BYPASS LINE AT RATED HEAD.

Signature

SR PROJECT MANAGER
M/S NCC LIMITED

TP1(CTL)

(Ashish Kumar)
JUNIOR ENGINEER

DIVISION (E&M)

(Vijendra Yadav)

ASSISTANT ENGINEER

DIVISION (E&M)

U.P JAL NIGAM (R) LKO

(S.P. Gupta)

EXECUTIVE ENGINEER

DIVISION (E&M)

U.P JAL NIGAM (R) LKO