

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:-

20/11/23

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.

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

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

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

Cover Agreement No.180/ED/Phase-3/2022-23/IV Dated:- 22.10.2022

Name of Scheme :- HARDASPUR

I-Account of work executed

Advance			I-Account of work executed							Amount			Remarks (with reasons for delay in adjusting payment)	
Total as per Previous Bill	Balance 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	7	Total Qty			Previous Bill Qty	
Rh	Rh	Rh	BOQ S.No.		Rs.	P								10
			2.00	DC/RC Drilling including Hiring										
				DC/RC Drilling up to 100Mtr.	Mtr.									
			2.02	450 MMØ	Mtr.	2,038.61	90%	46.00	46.00	46.00	84,398.45		84,398.45	
			2.04	600 MMØ	Mtr.	2,493.00	90%	54.00	54.00	54.00	1,21,159.80		1,21,159.80	
				DC/RC Drilling from 101 Mtr. To 200 Mtr. Deep	Mtr.									
			2.06	450 MMØ	Mtr.	2,422.52	90%	65.00	65.00	65.00	1,41,717.42		1,41,717.42	
			3.00	Tubwell Assembly:										
				MSERW plain pipe As per IS 4270	Mtr.									
			3.02	150 MMØ	Mtr.	1,996.80	90%	67.30	67.30	67.30	1,20,946.18		1,20,946.18	
			3.04	300 MMØ	Mtr.	3,983.62	90%	48.00	48.00	48.00	1,72,092.38		1,72,092.38	
				MSERW Pipe slotted pipe of as per IS 8110	Mtr.									
			3.06	150 MMØ	Mtr.	3,075.07	90%	30.00	30.00	30.00	83,026.89		83,026.89	
				MS Ring-	No.									
			3.10	150 mm Ø MS. Ring made by 150 mm x 12 mm	No.	1,267.97	90%	16.00	16.00	16.00	18,258.77		18,258.77	
			3.12	300 mm Ø MS. Ring made by 150 mm x 16 mm	No.	2,066.69	90%	7.00	7.00	7.00	13,020.15		13,020.15	
				MS Bail plug As per IS 2800	No.									
			3.14	150 mm Ø M.S. Bail Plug	No.	1,722.24	90%	1.00	1.00	1.00	1,550.02		1,550.02	
				Reducer-	No.									
			3.19	300 x 150 mm Reducer	No.	5,491.20	90%	1.00	1.00	1.00	4,942.08		4,942.08	
				MSSI Clamp- As per IS 2800	No.									
			3.25	300 mm Ø MS S.I. Clamp)	No.	4,043.52	90%	1.00	1.00	1.00	3,639.17		3,639.17	
				TW Assy Support-	No.									
			3.29	300 mm Ø Tubewell Assembly Support	No.	17,472.00	90%	1.00	1.00	1.00	15,724.80		15,724.80	
				MS Well Cap-	No.									
			3.33	300 mm Ø MS Well Cap	No.	1,547.52	90%	1.00	1.00	1.00	1,392.77		1,392.77	
				Centre Guide-	No.									
			3.34	Center guide for 150mm Ø TW Assembly	No.	918.53	90%	8.00	8.00	8.00	6,613.42		6,613.42	
			4.00	Lowering of above Tubewell assembly including										
				Lowering up to 100 Mtr. Deep	Mtr.									
			4.02	150 MMØ MSERW Plane/Slotted Pipe	Mtr.	269.57	90%	52.50	52.50	52.50	12,737.18		12,737.18	
			4.04	300 MMØ MSERW Plane/Slotted Pipe	Mtr.	465.25	90%	47.50	47.50	47.50	19,889.44		19,889.44	
				Lowering from 101 Mtr. To 200 Mtr. Deep	Mtr.									
			4.06	150 MMØ MSERW Plane/Slotted Pipe	Mtr.	316.59	90%	45.00	45.00	45.00	12,821.90		12,821.90	
			4.17	Logging of Borehole by Electric logging	Job	17,971.20	90%	1.00	1.00	1.00	16,174.08		16,174.08	
			5.00	Supplying and unconsolidated packing of gravel	Cum	7,488.00	90%	40.85	40.85	40.85	2,75,296.32		2,75,296.32	
			6.00	Development of Tube well	Hr.									
			6.02	250 PSI Compressor per hour	Hr.	3,644.16	90%	50.00	50.00	50.00	1,63,987.20		1,63,987.20	
			6.06	Charges for Development of TW by 1 Cusec OP	Hr.	1,123.20	90%	100.00	100.00	100.00	1,01,088.00		1,01,088.00	
				TOTAL Value Of Work Done							13,90,476.00		13,90,476.00	
				CGST@9%				9% of Subtotal					1,25,142.84	
				SGST@9%				9% of Subtotal					1,25,142.84	
				Grand Total Say:-									16,40,761.68	
													16,40,762.00	

MBAW - 153(4) - 3
Ajit

* 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 1, so that the

"Total up to date" in column 3 may become "Nil"/

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

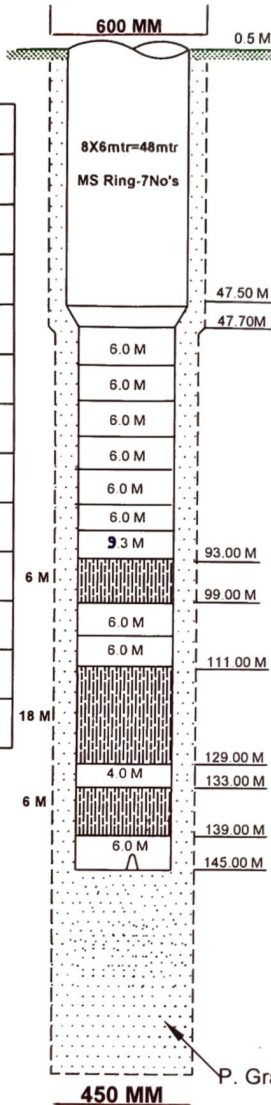
COMPLETION PLAN OF TUBEWELL

Name of work :- Construction of T. W. of G.P. Hardaspur , Block-Lakhimpur, District, Lakhimpur.
Name of Program :- J. J. M-3
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
Cover Agreement :- 160/ED/Phase-3/2022-23/IV Dt. 22.10.2022

Lowered Assembly Chart of T. W of Mahngu Kheda, G.P W/S Scheme District :- Lakhimpur Kheri.

Strata

0-5 mtr Surface Soil
5-10 mtr Clay Kankar.
10-40 mtr Medium Sand
40-45 mtr Clay Kankar
45-88* mtr Medium Sand & Kankar
88-93 mtr Clay Kankar
93-99* mtr Medium Sand
99-106 mtr Clay Kankar
106-129*mtr Medium Sand
129-132 mtr Clay kankar
132-140* mtr Medium Sand
140-148 mtr Clay Kankar
148-165* mtr Medium Sand



ABSTRACT	
1	Type of Rig Machine :- DC Cum RC
2	Required Discharge :- 800 LPM
3	Bore Size (MM) :- 600x450
4	Assembly Size (MM) :- 300 x 150
5	Drilling Starting Date :- 22.11.2022
6	Drilling Completion Date :- 25.11.2022
7	Total Depth Of Drilling :- 165M
8	Logging Date :- 27.11.2022
9	Logging Depth :- 165M

Logging Report By Ground Water Investigation Center			
Sl.No	Depth (mbgl)	Thickness (m)	Remarks
1	10-40	30	Good
2	45-88	43	Good, Intermixed with Kankar
3	93-99	6	Good
4	106-129	23	Good
5	132-140	8	Good
6	148-165	17	Good

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

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

11. Details of Lowered Assembly	
i)	300 mm Dia Housing Pipe :- 48.0 Meter
ii)	150 mm Dia M. S. Slotted pipe :- 30.00Meter
iii)	150 mm Dia M. S. Plain pipe :- 67.30Meter
iv)	300 x 150 mm Dia M S Reducer :- 0.20 Meter
Total :- 145.50 Meter	
AGI :- 00.50 Meter	
BGL :- 145.00 Meter	
12.	Date of Lowering :- 02-12-22

Recommended & Prepared by

 M/s NCC Ltd

Verified by

 M/s Ceinsys Tech Ltd

Recommended by

 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

AT

GRAM ANCHALVA AT JALJI VASPUR BLOCK, TALUKHIMPUR, DISTRICT
 DISTRICT TALUKHIMPUR TALUKHIMPUR
 UNDER
 JALJI VIVAN MISSION

Introduction

A Deep bore hole was drilled to 165 mtrs depth and logged at pH 4.6 mtr. at above site. Was drilled by M/s NCC Lakhanpur Khur.

On the request of M/s NCC Lakhanpur Khur a Geophysical well Logging in the above bore hole using IGIS Well Logger on 27 Nov 2022

Logging Parameters - Self potential, short normal (N 1G) Long Normal (N 1A) 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 - ~~44~~ 25 Ohms

Drilling Water Resistivity - ~~29~~ 60 Ohms

Approx Water Level - 15 Mtr

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1	0 - 5	5	Surface soil	
2	5 - 10	5	Clay kankar	
3	10 - 40	30	Medium sand	Good
4	40 - 45	5	Clay kankar	
5	45 - 88*	43	Medium sand & kankar	Good
6	88 - 93	5	Clay kankar	
7	93 - 99*	6	Medium sand	Good
8	99 - 106	7	Clay kankar	
9	106 - 129*	23	Medium sand	Good
10	129 - 132	3	Clay kankar	
11	132 - 140*	8	Medium sand	Good
12	140 - 148	8	Clay kankar	
13	148 - 165*	17	Medium sand	Good

Sr No 5 is highly kankar infomixed

Ground Water Survey Consultancy
 Agra

(Signature)

*- Logging performed as per GWSM guidelines
 - Groundwater quality interpected by firm as per their logger calibration*

*GSh
 29/11/22*

TEST REPORT OF DEVELOPMENT TUBE WELL BY AIR COMPRESSOR

NAME OF WORK :: CONSTRUCTION OF T. W. OF Headless P/W/S SCHEME BLOCK Lakshmi DISTRICT, LAKHIMPUR KHERI
NAME OF PROGRAM :: JIM
NAME OF CLIENT :: SWSM & U.P. JAL NIGAM (R)
NAME OF CONTRACTOR :: M/s NCC LIMITED
NAME OF TPI :: M/s CEINSEYS TECH LIMITED
AGREEMENT NO. :: 64/ED / 2020-21 **12.03.2021**

TEST REPORT OF DEVELOPMENT TUBE WELL BY 2.50 PSI AIR COMPRESSOR

- 1 DATE OF START :: 03-01-2023
- 2 DATE OF COMPLETION :: 12-01-2023
- 3 DATE OF TESTING :: 12-01-2023
- 4 STATIC WATER LEVEL :: —
- 5 SOUNDING OF T/W BEFORE DEVELOPMENT :: 132.00 MTR
- 6 SOUNDING OF T/W AFTER DEVELOPMENT :: 142.50 MTR
- 7 SIZE OF T/W ASSEMBLY :: 300 X 150 MTR
- 8 LOWERED AIR LINE :: 136.00 MTR
- 9 PEA GRAVEL CONSUMPTION ::

SL. NO.	AIR LINE LOWERED IN (MTRS)	STARTING PRESSURE KG/CM2	RUNNING PRESSURE KG/CM2	DEPRESSION IN (MTRS)		DISCHARGE BY V-NOTCH (90°)		SAND CONTENTS IN P.P.M						REMARKS
				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	14	
1-	136.00	14.20 12.5	13.60 13.10	0.60	6	8	1570	4000	2000	1000	800	500		Recommended for further Development by OP Unit

SR. PROJECT MANAGER TPI M/s CEINSEYS TECH LTD. **(S.R. Gupta)** EXECUTIVE ENGINEER
M/S NCC LIMITED DIVISION (E&M) U.P. JAL NIGAM (R) LKO DIVISION (E&M) U.P. JAL NIGAM (R) LKO

YIELD TEST REPORT OF TUBE WELL BY OP UNIT

NAME OF WORK : CONSTRUCTION OF T. W. OF Hedda w/s SCHEME BLOCK Lakshmapur DISTRICT, LAKHIMPUR KHERI
 NAME OF PROGRAM : JIM
 NAME OF CLIENT : SWSM & U.P JAL NIGAM (R)
 NAME OF CONTRACTOR : M/s NCC LIMITED
 NAME OF TPI : M/s CEINSEYS TECH LIMITED
 AGREEMENT NO. : 64/ ED / 2020-21 DATE : 12.03.2021

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

1 DATE OF START : 15-01-2023
 2 DATE OF COMPLETION : 25-01-2023
 3 DATE OF TESTING : 25-01-2023
 4 SOUNDING OF T/W BEFORE DEVELOPMENT : 143.00 MTR
 5 SOUNDING OF T/W AFTER DEVELOPMENT : 143.50 MTR
 6 DIA OF HOUSING PIPE : 300 X 130 MM Ø
 7 TOTAL COLUMN PIPE LOWERED : 24 MTR
 8 SIZE OF ORIFICE PIPE : 6 X 5

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 INCH	WATER METER IN (LPM)				STARTING MIN	AFTER 5 MIN	AFTER 10 MIN	AFTER 15 MIN	AFTER 20 MIN		AFTER 25 MIN	AFTER 30 MIN
1	2	3	5	6	7	8	9	10	11	12	13	14	15
2	3	2176	5	6	7	8	9	10	11	12	13	14	15
3	10	1476	5	3.50	3.50	300	250	200	150	100	50	TY	
4	5	802	5	2.50	2.50	80	70	60	50	40	30	20	
5	—	—	—	2.00	2.00	50	40	30	20	10	—	—	

RECOMMENDED DISCHARGE : 800 LPM DEPRESSION : 2.00 METERS

NOTE !!! STARTING PUMP SHOULD RUN AT LEAST _____ MINUTES IN BYPASS LINE AT RATED HEAD.

PROJECT MANAGER
 M/s NCC LIMITED

TPI (CTL)
 JUNIOR ENGINEER
 DIVISION (E&M)
 U.P. JAL NIGAM (R) LKO

ASSISTANT ENGINEER
 DIVISION (E&M)
 U.P. JAL NIGAM (R) LKO

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

Logbook Of Development Of Tubewell By OP Unit.

Name of Site				Name of Block	
Had das pur				Lakshman	
				Required Discharge:- _____ (Lpm)	
Date	Start Time	Closed Time	Total Hours	Discharge	Remarks
				(In LPM)	
15/01/23	08:00	11:00	03:00		
	12:00	03:00	03:00		
	03:30	06:30	03:00		
16/01/23	08:00	11:00	03:00		
	12:00	03:00	03:00		
	03:30	06:30	03:00		
17/01/23	08:00	11:00	03:00		
	12:00	03:00	03:00		
	03:30	06:30	03:00		
18/01/23	08:00	11:00	03:00		
	12:00	03:00	03:00		
	03:30	06:30	03:00		
19/01/23	08:00	11:00	03:00		
	12:00	03:00	03:00		
	03:30	06:30	03:00		
20/01/23	08:00	11:00	03:00		
	12:00	03:00	03:00		
	03:30	06:30	03:00		
21/01/23	08:00	11:00	03:00		
	12:00	03:00	03:00		
	03:30	06:30	03:00		
22/01/23	08:00	11:00	03:00		
	12:00	03:00	03:00		
	03:30	06:30	03:00		
23/01/23	08:00	11:00	03:00		
	12:00	03:00	03:00		
	03:30	06:30	03:00		
24/01/23	08:00	11:00	03:00		
	12:00	03:00	03:00		
	03:30	06:30	03:00		
25/01/23	08:00	11:00	03:00		
	12:00	03:00	03:00		
	03:30	07:30	04:00		

Alisha

100%