

State Water and Sanitation Mission (Employer), Uttar Pradesh

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

FORM 27 RUNNING ACCOUNT BILL "B"

[see Chap X, Paragraphs 284, 288 and 289]

(For contractors and suppliers, this form provides only for payments for work or supplies actually measured)

Name of Contractor or supplier

M/s PNC-SPML JV

Name of Work

Implementation of various rural water supply projects in the state of Uttar Pradesh under the Jal Jeevan Mission District-Bahraich.

S.No. & Date of this Bill

RA-02 /- GUJRA

Dated : 02-08-2024

Main Agreement No.

79/ED/2020-21 dated 10-08-2023

Cover Agreement No.

239/ED/2021-22/III (DATE : 17-01-2022)

Tax Payer Name

M/s PNC-SPML JV

S.ID- 20013695

BOQ OF BLOCK : VISHESHWARGANJ, PANCHYAT :- GUJRA , VILLAGE :- GUJRA , DISTRICT : BAHRAICH

Item no.	Items of work (Grouped under "Sub - heads" to estimate)	Unit	Quoted		BOQ Quantity	BOQ Value	Quantity executed or supplied till last certificate (Previous Bill)	Quantity executed or supplied since last certificate (This Bill)	Quantity executed or supplied up to date (Cumm)	Amount			Remarks
			Rate	% of payment schedule						Up to date (Previous Bill) New Schedule-I	Since previous bills (This Bill)	Up to date (Cumm)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
2.00	Drilling of Borehole for Tubewell construction by DC/RC/DTH Rig Machine			vlo	-	-	-	-	-	-	-	-	-
2.01	Transportation, Installation Dismantling of Rig machine and logging of bore hole		1,86,145.65	100%	1.00	1,86,145.65	-	1.00	1.00	-	1,86,145.65	1,86,145.65	-
2.02	Tube well construction				-	-	-	-	-	-	-	-	-
2.03	DC/RC Drilling up to 100Mtr.				-	-	-	-	-	-	-	-	-
2.05	450 MMØ		1,812.56	100%	-	-	-	-	-	-	-	-	-
2.06	500 MMØ		2,006.18	100%	-	-	-	-	-	-	-	-	-
2.07	600 MMØ		2,393.42	100%	100.00	2,39,342.38	-	100.00	100.00	-	2,39,342.00	2,39,342.00	-
2.08	DC/RC Drilling from 101 Mtr. To 200 Mtr.Deep				-	-	-	-	-	-	-	-	-
2.09	450 MMØ		2,180.80	100%	-	-	-	-	-	-	-	-	-
2.10	500 MMØ		2,384.46	100%	75.00	1,78,834.57	-	77.00	77.00	-	1,83,603.42	1,83,603.42	-
2.11	600 MMØ		2,791.79	100%	25.00	69,794.64	-	23.00	23.00	-	64,211.17	64,211.17	-
2.12	DC/RC Drilling from 201 Mtr. To 300 Mtr.Deep				-	-	-	-	-	-	-	-	-
2.13	450 MMØ		2,848.98	100%	-	-	-	-	-	-	-	-	-
2.14	500 MMØ		3,033.23	100%	20.00	60,664.52	-	28.00	20.00	-	60,664.60	60,664.60	-
2.15	600 MMØ		3,401.71	100%	-	-	-	-	-	-	-	-	-
2.16	DC/RC Drilling from 301 Mtr. To 400 Mtr.Deep				-	-	-	-	-	-	-	-	-
2.17	450 MMØ		3,007.07	100%	-	-	-	-	-	-	-	-	-
2.18	500 MMØ		3,172.96	100%	-	-	-	-	-	-	-	-	-
2.19	600 MMØ		3,504.75	100%	-	-	-	-	-	-	-	-	-
New Item 2.25	Cement sealing work		20,000.00	100%	1.00	20,000.00	-	1.00	1.00	-	20,000.00	20,000.00	-
New Item 2.26	Supply & lowering of 90 mm dia UPVC gravel feed pipe		1,000.00	100%	242.00	2,42,000.00	-	241.00	241.00	-	2,41,000.00	2,41,000.00	-
3.00	Tubewell Assembly:				-	-	-	-	-	-	-	-	-
3.01	MSRW plain pipe, As per IS 4270				-	-	-	-	-	-	-	-	-
3.03	150 MMØ		1,896.39		124.00	2,35,152.36	-	-	-	-	-	-	-
	On Supply & Delivery			70%	-	-	124.00	-124.00	-	1,64,606.65	1,64,606.65	-	-
	On Completion/Erection/Fixing/Laying/Joining			20%	-	-	-	-	-	-	-	-	-
	On Completion of Testing			5%	-	-	-	-	-	-	-	-	-
3.04	200 MMØ		2,545.16		-	-	-	-	-	-	-	-	-
	On Supply & Delivery			70%	-	-	-	124.80	124.80	-	2,22,345.18	2,22,345.18	-
	On Completion/Erection/Fixing/Laying/Joining			20%	-	-	-	124.80	124.80	-	63,527.19	63,527.19	-
	On Completion of Testing			5%	-	-	-	124.80	124.80	-	15,881.80	15,881.80	-
3.05	300 MMØ		3,792.78		40.00	1,51,711.20	-	-	-	-	-	-	-
	On Supply & Delivery			70%	-	-	40.00	2.00	42.00	1,06,197.64	5,302.85	1,11,507.73	-
	On Completion/Erection/Fixing/Laying/Joining			20%	-	-	-	42.00	47.00	-	31,859.35	31,859.35	-
	On Completion of Testing			5%	-	-	-	42.00	42.00	-	7,964.84	7,964.84	-
3.06	MSRW Pipe slotted pipe as per IS 8110				-	-	-	-	-	-	-	-	-
3.08	150 MMØ		2,794.68		36.00	1,00,608.48	-	-	-	-	-	-	-
	On Supply & Delivery			70%	-	-	36.00	-36.00	-	70,425.94	70,425.94	-	-
	On Completion/Erection/Fixing/Laying/Joining			20%	-	-	-	-	-	-	-	-	-
	On Completion of Testing			5%	-	-	-	-	-	-	-	-	-
3.09	200 MMØ		3,826.12		-	-	-	-	-	-	-	-	-
	On Supply & Delivery			70%	-	-	-	33.00	33.00	-	88,383.57	88,383.37	-
	On Completion/Erection/Fixing/Laying/Joining			20%	-	-	-	33.00	33.00	-	25,252.39	25,252.39	-
	On Completion of Testing			5%	-	-	-	33.00	33.00	-	6,313.10	6,313.10	-
3.11	MS fittings such as clamp, bail plug, reducer, well cap, girder & support structure		32,233.64	100%	1.00	32,233.64	-	-	-	-	-	-	-
	On Supply & Delivery			70%	-	-	1.00	-	1.00	22,561.55	-	22,561.55	-
	On Completion/Erection/Fixing/Laying/Joining			20%	-	-	-	1.00	1.00	-	6,446.73	6,446.73	-
	On Completion of Testing			5%	-	-	-	1.00	1.00	-	1,611.68	1,611.68	-
3.12	MS fittings such as ring & centre guide		470.78		200.00	94,155.76	-	-	-	-	-	-	-



Signature

	On Supply & Delivery		-	70%	-	-	200.00	-	200.00	65,909.20	-	65,909.20
	On Completion/Erection/Fixing/Laying/Jointing		-	20%	-	-		200.00	200.00	-	18,831.20	18,831.20
	On Completion of Testing		-	5%	-	-		200.00	200.00	-	4,707.80	4,707.80
4.00	Lowering of above assembly with welding of parts complete in all respect with all		-	-	-	-					-	-
4.01	Lowering up to 100 Mtr. Deep		-	-	-	-					-	-
4.03	150 MMØ MSERW Plane/Slotted Pipe		357.32	100%	60.00	21,439.19					-	-
4.04	200 MMØ MSERW Plane/Slotted Pipe		421.20	100%	-	-		58.00	58.00	-	24,429.60	24,429.60
4.05	300 MMØ MSERW Plain/Slotted Pipe		485.08	100%	40.00	19,403.06		42.00	42.00	-	20,373.36	20,373.36
4.06	Lowering from 101 Mtr. To 200 Mtr. Deep		-	-	-	-					-	-
4.07	150 MMØ MSERW Plane/Slotted Pipe		375.29	100%	100.00	37,528.56					-	-
4.08	200 MMØ MSERW Plane/Slotted Pipe		498.24	100%	-	-		100.00	100.00	-	49,824.00	49,824.00
4.09	300 MMØ MSERW Plain/Slotted Pipe		744.16	100%	-	-				-	-	-
5.00	Supplying and unconsolidated packing of gravel with suitable size		7,485.75	100%	30.00	2,24,572.50		21.16	21.16	-	1,58,398.47	1,58,398.47
6.00	Development of Tube well		-	-	-	-					-	-
6.03	Transportation, Installation Dismantling of 250/400/600 PSI Compressor		68,485.63	100%	1.00	68,485.63		1.00	1.00	-	68,485.63	68,485.63
6.05	Charges for Development by 400 PSI Compressor per hour		3,308.27	100%	50.00	1,65,413.62		30.00	30.00	-	99,248.10	99,248.10
6.06	Charges for Development by 600 PSI Compressor per hour		5,012.46	100%	-	-				-	-	-
6.07	Transportation, Installation Dismantling of 0.5 Cusec OP Unit and Yield test, water test		33,672.18	100%	-	-				-	-	-
6.08	Charges for Development of TW by 0.5 Cusec OP Unit		763.96	100%	-	-				-	-	-
6.09	Transportation, Installation Dismantling of 1/3 Cusec OP Unit and Yield test, water test		1,01,410.45	100%	2.00	2,02,820.91				-	-	-
6.10	Charges for Development of TW by 1 cusec OP Unit		932.78	100%	100.00	93,278.43				-	-	-
6.11	Charges for Development of TW by 3 cusec OP Unit		1,121.86	100%	-	-				-	-	-
6.12	Transportation, Installation Dismantling of 2 Cusec OP Unit and Yield test, water		89,147.30	100%	-	-		1.00	1.00	-	89,147.30	89,147.30
6.13	Charges for Development of TW by 2 cusec OP Unit		1,116.87	100%	-	-		72.00	72.00	-	80,414.64	80,414.64
TOTAL										4,29,703.18	18,48,689.88	22,78,393.05
Gross Bill Amount										4,29,703.18	18,48,689.88	22,78,393.05
Add: CGST @ 9%										38,673.29	1,66,382.09	2,05,055.37
Add: SGST @ 9%										38,673.29	1,66,382.09	2,05,055.37
Gross Bill Amount including GST										5,07,049.75	21,41,454.05	26,88,503.80

For PNC-SPML JV

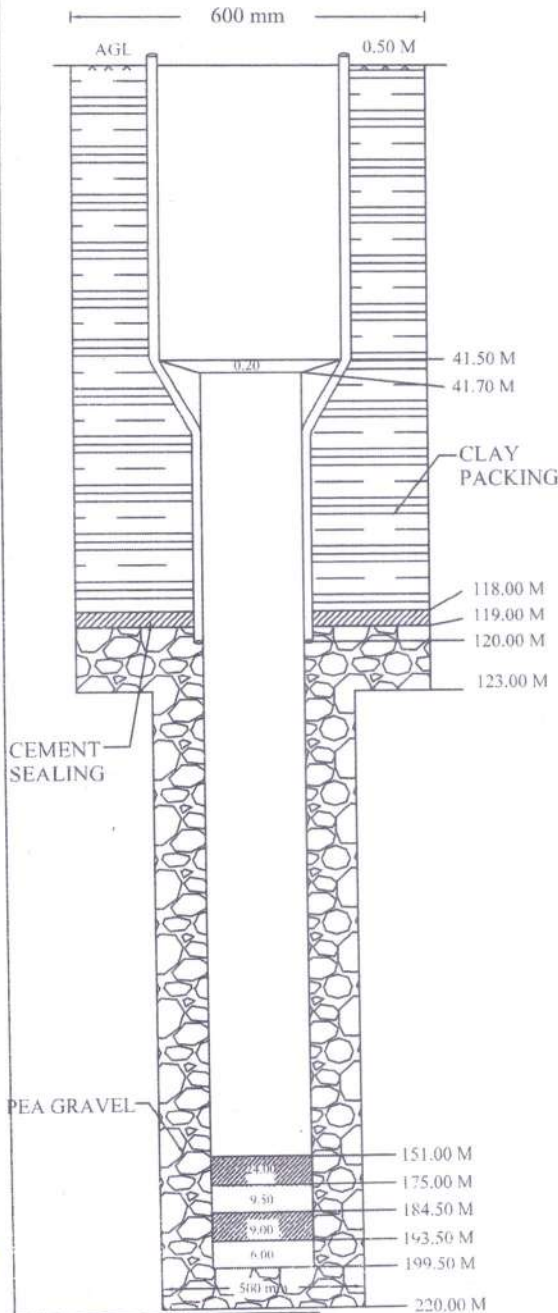


Rakesh Tiwari
Project Manager

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ACTUAL T.W. ASSEMBLY CHART OF GUJRA W/S SCHEME BAHRAICH

UNDER JAL JEEVAN MISSION : (BLOCK - VISHESHWARGANJ)



Bore size - 600 mm X 500 mm
T.W. Assy - 300 mm X 200 mm
Discharge - 1550 LPM/39M
Lowering date - 08-08-2023

Logging Report : (06-08-2023)

S.No	Depth Range (m.bgl)		Thickness (m)	LITHOLOGY
	From	To		
1	6	30	24	Medium to fine sand
2	30	36	6	Clay
3	36	68	32	Medium to fine sand
4	68	73	5	Clay
5	73	100	27	Medium to fine sand
6	100	148	48	Clay
7	148	176	28	Medium to fine sand
7	176	178	2	Clay with Kankar
8	178	182	4	fine sand
9	182	184	2	Clay with Kankar
10	184	195	11	fine sand
11	195	209	14	Clay with Kankar
12	209	224	15	fine sand

PIPE DETAIL

HOUSHING PIPE =42.00 M
PLAIN PIPE =124.80 M
SLOT PIPE =33.00 M

Total = 199.50 + 0.50 (AGL)
=200.00 M

PNC-SPML JV
PNC Tower 3/22 - D



ENGINEER

ASSISTANT ENGINEER

EXECUTIVE ENGINEER



FIRST BEST SOLUTIONS

(COMPLETE GROUND WATER SERVICE PROVIDER)

Plot No. V21, Flat No. 10, Vikram Enclave Shalimar Garden, Sahibabad, Ghaziabad-20100

Email: - firstbestsolution@yahoo.com

Mob: - 8744928231

Date: 6-8-2023

Geophysical Borehole Logging Report advised by

Sh. R. Chandra, Sr. Scientist (Retd.)

The geo-electric logging was done in the borehole at village Gujra,
Block Visheshwarganj, District Baharaich, U.P.

Name of Village : Gujra ($81^{\circ}43'01.1''E$, $27^{\circ}20'40.2''N$)

Block : Visheshwarganj

District : Baharaich

Date : 6-8-2023

Depth logged : 224.0 mbgl

Logger use : Robertson

Based on the Interpretation report from geophysical Log chart following granular zones have been deciphered.

S.No	Depth Range (m.bgl)		Thickness (m)	LITHOLOGY
	From	To		
1	6	30	24	Medium to fine sand
2	30	36	6	Clay
3	36	68	32	Medium to fine sand
4	68	73	5	Clay
5	73	100	27	Medium to fine sand
6	100	148	48	Clay
7	148	176	28	Medium to fine sand
7	176	178	2	Clay with Kankar
8	178	182	4	fine sand
9	182	184	2	Clay with Kankar
10	184	195	11	fine sand
11	195	209	14	Clay with Kankar
12	209	224	15	fine sand

For First Best Solution



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[Signature]

Authorized Signatory
For First Best Solution

Niraj

Proprietor



Jal Jeevan Mission

Har Ghar Jal



State Level Water Analysis Laboratory, U.P. Jal Nigam (Rural), Lucknow

6 Rana pratap Marg Lucknow (Test Address only)

Test report

Sample ID: U694963516660740

User Information

Name: PNC SPML JV-BAH Mobile: 7909004672
Email: qclkowp@pncinftratech.com Pin Code:
Full Address: Village- Bragunnu, Gram Panchayat- Baragunnu, Block- Chitaura, District- Bahraich, State- Uttar Pradesh

Sample description

Source of Sample: Tube well / Bore well / Well Village: Gujra
Gram Panchayat: Gujra Block: Visheshwarganj
District: Bahraich State: Uttar Pradesh
Address: Remarks: Block-Visheshwarganj, P768, GPs-GUJRA
Latitude: Longitude:

Date & time of sample collection

23.11.2023 | 04:20:00 PM

Date & time of sample received in lab

07.12.2023 | 04:23:00 PM

Date & time of sample analysed

11.12.2023 | 08:15:00 PM

Date & time of report generation

06.01.2024 | 03:54:49 PM



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Test results

Sr. No.	Parameters tested	Unit of measurement	Requirement (acceptable limit) as per BIS 10500	Permissible limit (in absence of alternate source) as per BIS 10500	Test result value	Remarks
1	Barium (as Ba)	mg/l	0.7	No Relaxation	0.135 ✓	
2	Boron (as B)	mg/l	0.5	1	0.000 ✓	
3	Cadmium (As Cd)	mg/l	0.003	No Relaxation	0.000 ✓	
4	Calcium (as Ca)	mg/l	75	200	48.000 ✓	
5	Chloride (as Cl)*	mg/l	250	1000	12.500 ✓	
6	Colour*	Hazen units	5	15	0.000 ✓	
7	E. coli	CFU/100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000 ✓	
8	Lead (as Pb)	mg/l	0.01	No Relaxation	0.002 ✓	
9	Magnesium (As Mg)	mg/l	30	100	8.551 ✓	
10	Manganese (As Mn)	mg/l	0.1	0.3	0.001 ✓	
11	Nickel (As Ni)	mg/l	0.02	No Relaxation	0.000 ✓	
12	Nitrate (as NO ₃)*	mg/l	45	No Relaxation	1.000 ✓	
13	Odour	NA	Agreeable	Agreeable	0.000 ✓	
14	pH*	NA	6.5-8.5	No Relaxation	7.620 ✓	
15	Sulphate (as SO ₄)*	mg/l	200	400	2.000 ✓	
16	Taste	NA	Agreeable	Agreeable	0.000 ✓	
17	TDS*	mg/l	500	2000	290.000 ✓	
18	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	175.000 ✓	
19	Total Chromium (As Cr)	mg/l	0.05	No Relaxation	0.001 ✓	
20	Total coliform	CFU/ 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000 ✓	
21	Total Hardness (As CaCO ₃)*	mg/l	200	600	155.000 ✓	
22	Turbidity*	NTU	1	5	1.500 ✓	

Note:

- 1)*Indicates parameters that are NABL accredited.
- 2)This test results related to the sample tested above
- 3)The report shall not to be reproduced in full without approval of authority
- 4)This is the end of the report



Sam

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Authorised signatory
Anil Kumar (Test Lab Incharge)



PNC - SPML JV

SPML

SPML INFRASTRUCTURE

Ref: PNC-SPML-JV/SWSM/BAH/2023-2024/ 1094 dated 15-10-2024

To,

Lab in charge,
State Level Water Analysis,
UP Jal Nigam,
6 Rana Pratap Marg, Lucknow.

Job: Survey, Design, Preparation of DPR, Construction, Commissioning and O&M for 10 years of Baharich District, Devipatan Division Rural Water Supply Project under Jal Jeevan Mission in State of Uttar Pradesh, at Baharich District, Devipatan Division,

Sub: Request for Total Arsenic Parameter above Water Test Reports

Reference: 1. Letter no: 1936/W-22/NIT/2020-21 dated 10.12.2020

2. Letter no: 2126/W-22/NIT/2020-21 dated 13.01.2021 (LOA)

Dear Sir,

We are hereby submitted the water sample for testing of various parameter as per SWSM guideline, the details as given below.

Sr	Gram Panchayat	Code	Block Name.	WQMIS Sample ID
01	DIGIT PURWA	P779	Block-Visheshwarganj	U694963S16660703
02	GUJRA	P768	Block-Visheshwarganj	U694963S16660740
03	BHAGTAPUR, BISUNAPUR, GOKULPUR	P305	Block-Risia	U694963S16660841

Now we have received these reports without Total Arsenic Parameter so therefore request for Total Arsenic Parameter above Water Test Reports and we unable to submit these reports and holdup our Client billing.

This is for your kind information and do the needful please.

Thanks & Best Regards.


Rakesh Tiwari
Project Manager.
Authorized Signatory

Enclosed: Copy of water test report



PNC Infrastructure Limited and SPML

Lab Technician
Please check the data for PNC then let me know
17.10.24

(As)
Total Arsenic was not chosen by your company as per request report released for the same parameters. If the data of Arsenic then it will be released as a failure
17.10.24



Analysis Report

State Level Water Analysis Laboratory, U.P. Jal Nigam (Rural)
6, Rana Pratap Marg, Lucknow.



Certificate No.: TC-13060

Report No | Chemical Test/136204/2024-25 | Date | 17.10.2024 | S.No | | Page No | 1 | page 1/1

Customer Details

Office Name and Address | PNC-SPML-JV, Bahraich
Ref Letter No & Date | PNC-SPML-JV/SWSM/BAH/2023-2024/1094 | Date: 15.10.2024

Basic details of sample

District	Bahraich	Block/Area	Visheshwarganj
Gram Panchayat	-	Village/Ward	-
Habitation	-	Location	Gujra
Water Source	Tubewell	Sample No.	136204
Quantity of Sample	500ml	Date of S.C.	23.11.2023
Receiving Date	07.12.2023	S. Collector	By the Customer :- Shri Sanjay Mukherjee
Sample Depositor	Shri Sanjay Mukherjee		
Analysis Start Date	11.12.2023	Analysis Completion Date	11.12.2023

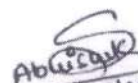
Environmental Condition

Temperature	22± 5 °C	Relative Humidity	Upto 70%
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Technical Data of Analysis

S.No.	Analysed parameters	Unit of Measurement	Observed Value	Specified Values as per IS 10500:2012		Ref. Method of Analysis
				Acceptable Limit	Permissible Limit in absence of alternate source	
1	2	3	4	5	6	7
1	Arsenic	mg/L	0.010	0.010	0.010	APHA 24th Edition, 2023 (Part 3125) ICP-MS Method

- Note
1. This Certificate refers only to the particular sample(s) submitted for testing.
 2. This certificate shall not be reproduced, except in full, unless written permission for the publication of an approved abstract has been obtained from Head of Laboratory.
 3. The test results reported in this certificate are valid at the time of and under the stated conditions of measurements.
 4. Sample will be stored up to 15 days (in case of non perishable items only) from the date of issue of tests reports unless otherwise specified.


(Abhishek Singh)
Lab Technician
Prepared By

Authorized Signatory



**End of Test Report **

Laboratory Contact details-Email-upjnlabtesting@gmail.com, Mob-9473942098



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PNC - SPML JV



Test Report of Development of GUJRA w/s scheme TW District- Bahraich, Block - VISHESHWARGANJ - by Air Compressor Under Jal Jeevan Mission

1- Date of Testing - 24-10-2023

2- T.W. Size - 300 mm Ø x 200 mm Ø

3- S.W.L - 5.87 m

4 - Discharge measured by - M.S. 90⁰ V- Notch Tank

5 - Depth of Tube well - 199.50 MBGL

6- Required Discharge - 1550 LPM

Sl. No.	Depth of airline lowered (in m)	Discharge (Water Head over 90 ⁰ V- Notch Tank)		Starting Pressure in kgf/cm ²	Running Pressure in kgf/cm ²	Depression		Sand contents in PPM					Remarks
		In mm	In LPM			kgf/cm ²	m	Starting	5 Minute	10 Minute	15 Minute	20 Minute	
1	190	280	3472	18.50	17.50	1	10	5200	3300	2100	1600	800	

Note: - Recommended for development of T.W. by the O.P. unit.

Test Conducted in the presence of –

seen



M/s PNC Infratech. -SPML

(Contractor)

TPI (Ceinsys tech ltd.)

Junior Engineer

Assistant Engineer

Executive Engineer

PNC Infratech Limited (Lead Member)

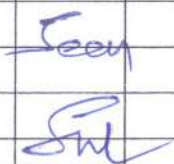
PNC Tower, 3/22-D, Civil Lines, Bypass Road, NH-2, Agra-282002 (U.P.) Phone: 91-562-4070000 (30 Lines), 91-562-4054400 ho@pncinfratech.com;

Log Book

Development of T.W by 250/400/600 P.S.I Air Compressor of Gujra T.W. Distt. Bahraich

Date	Time of Start	Time of close	During Hours	Reading of 'V' notches in Inches	Lowering of Airline in mts.	Starting Pressure in kg/cm2	Running Pressure kg/cm2	Depression		Sand Cement in P.P.M.						Signature of O.P unit Driver
								In kg/cm2	in mts	Starting	5 min	10 min	15 min	20 min	25 min	
1	2	3	4	5	6	7	8		9	10	11	12	13	14	15	
20-10-23	7:00 AM	9:00 AM	2:00													અમિત
	10:00 AM	12:00 PM	2:00													અમિત
	2:00 PM	4:30 PM	2:30													અમિત
21-10-23	8:00 AM	10:00 AM	2:00													અમિત
	10:00 PM	2:30 PM	2:30													અમિત
	5:00 PM	7:00 PM	2:00													અમિત
22-10-23	8:00 AM	9:30 AM	1:30													અમિત
	10:30 AM	12:00 PM	1:30													અમિત
	2:00 PM	4:00 PM	2:00													અમિત
	5:00 PM	6:00 PM	1:00													અમિત
23-10-23	7:00 AM	9:30 AM	2:30													અમિત
	10:00 AM	12:30 PM	2:30													અમિત
	01:00 PM	3:00 PM	2:00													અમિત
	4:30 PM	6:30 PM	2:00													અમિત
24-10-23	8:00 AM	10:00 AM	2:00													અમિત
			30 Hrs													

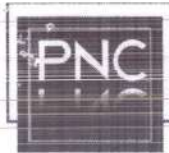




Engineer



Supervisor



PNC - SPML JV



Yield Report of Development of GUJRA w/s scheme TW Block- VISHESHWARGANJ District- Bahraich By O.P. UNIT Under Jal Jeevan Mission

- | | |
|---|---|
| 1- Size of Assembly – 300 mmx 200 mm ø
2- S.W. L – 5.87 m
3- Column Pipe lowered - 24 m | 4- Date of Test – 10-11-2023
5- Orifice Size – 6'' X 5'' mm ø
6- Required Discharge – 1550 L.P.M. |
|---|---|

Sl. No.	Discharge measured by ORIFICE		S.W.L. in m	R.W.L. in m	Depression in m	Sand Contents in PPM					Remark
	in Inch	In L.P.M.				Starting	5 minutes	10 minutes	15 minutes	20 minutes	
1	2	3	4	5	6	7	8	9	10	11	12
1	44''	3104	5.87	11.72	5.85	400	200	100	50	TR	
2	29''	2483	5.87	10.35	4.48	200	100	50	TR	Cl	
3	11''	1559	5.87	9.12	3.25	100	50	TR	Cl	Cl	

Recommended Discharge **1550 L.P.M.** at **3.25 m** depression. Pump should be run for 15 minutes in by- pass from starting, then after taken in line.

Test Conducted in Presence of :-

seen

M/s PNC Infratech. - SPML
(Contractor)

TPI (Ceinsys tech ltd.)

Junior Engineer

Assistant Engineer

Executive Engineer

PNC Infratech Limited (Lead Member)

PNC Tower, 3/22-D, Civil Lines, Bypass Road, NH-2, Agra-282002 (U.P.) Phone: 91-562-4070000 (30 Lines), 91-562-4054400 ho@pncinfratech.com;

Log Book

Development And Yiefl Test of T.W. by cusec O.P. unit of CHURA T.W. Distt BAHRAICH

Date	Time of Start	Time of close	During Hours	Heifgt of orifice Pipe In inches	Discharge in LPM	S.W/Lin mts.	R.W.Lin mts.	Depression in mts.	Sand Contents in P.P.M.							Signature of O.P. Unit Driver
									Starting	5 min	10 min	15 min	20 min	25 min	30 min	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
01-11-23	7:00AM	9:30AM	2:30													Mohan
	10:00AM	12:00PM	2:00													Mohan
	12:30PM	2:00PM	2:30													Mohan
	3:00PM	5:00PM	2:00													Mohan
	6:00PM	8:00PM	2:00													Mohan
	7:00PM	8:30PM	1:30													Mohan
2-11-23	8:00AM	11:00AM	3:00													Mohan
	12:00PM	3:00PM	3:00													Mohan
	4:30PM	7:00PM	2:30													Mohan
3-11-23	9:00AM	11:00AM	2:00													Mohan
4-11-23	7:00AM	9:00AM	2:00													Mohan
	10:00AM	12:00PM	2:00													Mohan
	2:00PM	4:00PM	2:00													Mohan
	5:00PM	7:00PM	2:00													Mohan
5-11-23	11:00AM	1:00PM	2:00													Mohan
	3:00PM	6:30PM	3:30													Mohan
6-11-23	8:00AM	10:30AM	2:30													Mohan
	11:00AM	1:00PM	2:00													Mohan
	3:00PM	6:00PM	3:00													Mohan
	6:30PM	8:00PM	1:30													Mohan
07-11-23	7:00AM	9:30AM	2:30													Mohan
	10:00AM	12:00PM	2:00													Mohan
	1:00PM	3:00PM	2:00													Mohan
	4:00PM	7:00PM	3:00													Mohan
08-11-23	10:00AM	1:00PM	3:00													Mohan
	2:00PM	4:30PM	2:30													Mohan
	5:00PM	6:30PM	1:30													Mohan
09-11-23	10:00AM	12:00PM	2:00													Mohan
	1:00PM	3:00PM	2:00													Mohan
	4:00PM	6:00PM	2:00													Mohan
10-11-23	8:00AM	10:00AM	2:00													Mohan
	9:00AM	11:00AM	2:00													Mohan
			72 Hrs													



Sean
SW

Sean
SW