

BOQ (SC)

VARIATION STATEMENT

MRCPL (E+J) (P-3)

FIRM:- POWER MECH PROJECTS LIMITED-BHOORATHNOM CONSTRUCTION COMPANY PRIVATE LIMITED (PVT),HYDERABAD

LOA: 562/ED/PH-3/2022-23/VI/(Rari Khurd)

COVER AGREEMENT NO : 562/ED/PH-3/2022-23/VI/DI-14-03-2023

G.P. Name :Rari Khurd

BLOCK:Malwan

District: FATEHPUR

Scheme ID: 20079073

Reason for Variation : Assembly of Tubewell is changed due to the Strata In Logging Report Enclosure :- Strata Chart With logging report attached.

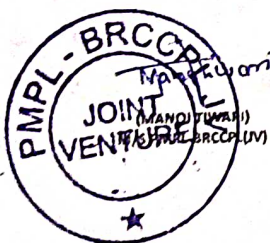
BOQ Items which are Varied as per Site Condition

Item No	SOR NO	Item of work supplied (grouped under 'Sub - Head and' sub works of estimate)	Unit	Rate as per SOR	BOQ QTY	Actual Qty	Variation Qty.	BOQ Amnt.	Actual Amnt.	Variation Amnt.	Remark
1		DC/RC Drilling up to 100 Mtr.									
	2.02	450 mm dia	Mtr	2,265.00	29	60	31.00	65685.00	135900.00	70215.00	
	2.03	500 mm dia	Mtr	2,298.50	71		(71.00)	163193.50		(163193.50)	
	2.04	600 mm dia	Mtr	2,310.00		40	40.00		92400.00	92400.00	
2		DC/RC Drilling up to 101 Mtr. To 200 mtr Deep									
	2.06	450 mm dia	Mtr	2558	80	76	(4.00)	204640.00	194408.00	(10232.00)	
	2.07	500 mm dia	Mtr	2796.89							
	2.08	600 mm dia	Mtr	3274.67							
3		MSERW Plain pipe As per IS 4270									
	3.02	150mm Dia	MTR	2000	70		(70.00)	140000.00		(140000.00)	
	3.03	200mm Dia	MTR	2550	66		(66.00)	168300.00		(168300.00)	
	3.04	300mm Dia	Mtr	3990		28.5	28.50		113715.00	113715.00	
4		MSERW Slotted Pipe As per IS 8110									
	3.06	150mm Dia	MTR	3080	24		(24.00)	73920.00		(73920.00)	
	3.07	200mm Dia	MTR	3833.8							
	3.08	300mm Dia	Mtr	5707.45		6	6.00		34244.70	34244.70	
5		MS Ring									
	3.1	150 mm Dia	No's	1270	20		(20.00)	25400.00		(25400.00)	
	3.11	200 mm Dia	No's	1600	11		(11.00)	17600.00		(17600.00)	
	3.12	300 mm dia	No's	2070		6	6.00		12420.00	12420.00	
6		MS Bail plug									
	3.14	150mm Dia	No's	1725	1		(1.00)	1725.00		(1725.00)	
	3.15	200mm Dia	No's	2070							
	3.16	300 mm dia	No's	3000		1	1.00		3000.00	3000.00	
7		Reducer									
	3.18	200x150 mm	No's	4150	1		(1.00)	4150.00		(4150.00)	
8		MSSI Clamp									
	3.24	200mm Dia	No's	2000	1		(1.00)	2000.00		(2000.00)	
	3.25	300mm Dia	No's	4050		1	1.00		4050.00	4050.00	
9		Tw Assy Support									
	3.28	200mm	No's	15000	1		(1.00)	15000.00		(15000.00)	
	3.29	300mm	No's	17500		1	1.00		17500.00	17500.00	
10		MS Well Cap									
	3.32	200mm	No's	1350	1		(1.00)	1350.00		(1350.00)	
	3.33	300mm	No's	1550		1	1.00		1550.00	1550.00	
11		Center Guide									
	3.34	150mm	No's	920	12		(12.00)	11040.00		(11040.00)	
	4	lowering of above tube Well assembly including carting upto site and welding of parts complete in all required materials, T&P, Labour etc.									
12		Lowering up to 100 mtr. Deep									
	4.02	150 mm dia MSERW Plane/Slotted Pipe	Mtr	341	34		(34.00)	11594.00		(11594.00)	
	4.03	200mm dia plane / slotted pipe	MTR	418	66		(66.00)	27588.00		(27588.00)	
	4.04	300mm dia plane / slotted pipe	Mtr	433		34.00	34.00		14722.00	14722.00	
13		Lowering up to 101 Mtr. Deep to 200 mtr									
	4.06	150 mm dia MSERW Plane/Slotted Pipe	Mtr	418	60		(60.00)	25080.00		(25080.00)	
Total Amount								958265.50	623909.70	-334355.80	

Summary

1. Total cost of above items as per BOQ	:	958265.50	-334355.80
2. Total cost of above items as per actual	:	623909.70	
3. Cost variation (BOQ- Actual) or Saving	:	-334355.80	

Please accord your approval for the payment of cost/ work variation as mentioned above.



(Signature)
 (VINOD KUMAR)
 J.E.T

(Signature)
 (SATISH SHRIVASTAV)
 ACCOUNTANT
 Division Office (E/M), UP Jal Nigam (Rural), Prayagrah

(Signature)
 (ALOK VERMA)
 JUNIOR ENGINEER

(Signature)
 (ALOK DHROVANSI)
 ASSISTANT ENGINEER

Recommended By:
(Signature)
 Syed Mohd. Shabaz
 Executive Engineer
 Division Office (E/M)
 UPJN (Rural) Prayagrah

Approved By:
(Signature)
 Ram Mohan
 Superintendent Engineer
 Circle Office (E/M)
 UPJN (Rural) Kanpur

Project Name :

Implementation of various rural water supply project including O&M for 10 Year for Village-Rari Khurd, Block-MALWAN, District-Fatehpur of the State of Uttar Pradesh Under Jal Jeeran Mission, Phase-III

Actual Lowering Chart at Village: Rari Khurd 300*300

Discharge = 230 LPM

Gram Panchayat :

Rari Khurd

Block :

MALWAN

District :

Fatehpur

Sr No.	TW Const. By	M/s PMPL- BRCCPL(V)
1	Size of Borewell	300*300
2	Date of Lowering	21-03-2024

Abstract of Pipe

Sr. No.	Description	UDM	Item	Qty
1	300 mm	MTR	Plain Pipe 300 mm	28.50
2	300 mm	MTR	Slotted Pipe 300mm	5.00
			Total Length	34.50

Logging Report

Sr. No.				
1	22	27	5	Good

Drilling Depth 500mm:

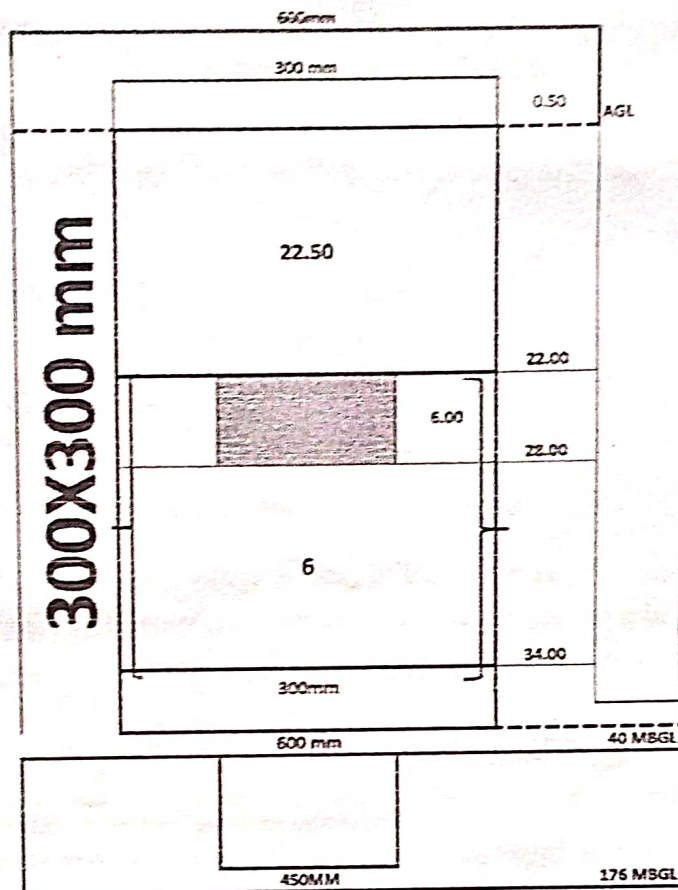
40m

Drilling Depth 450mm:

136m

Note :-

All zones are highly intermixed with fine bands of kankar.



M. P. L. G. W. A.

PMPL - BRCCPL (V)

R. K. M. S. E.

Junior Engineer

R. K. M. S. E.

Junior Engineer

R. K. M. S. E.

Assistant Engineer

R. K. M. S. E.

Executive Engineer



AllGeo Solutions

A complete GIS, Geology and Environment Solutions

Ref. No. : AGS/EL/2024/ FTP- 254
Date : 19/03/2024

GEOPHYSICAL BOREHOLE LOGGING REPORT


Site Name : Rari Khurd
Location : 26.027874, 80.650791
Block : Malawan
District : Fatehpur
State : Uttar Pradesh
Logging Depth : 162 Mbgl
Rm/Rw : 3/3
Date of Logging : 19-March-2024
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S PMPL-BRCCPL(JV), Fatehpur, Uttar Pradesh

Based on the interpretation of Self Potential(SP), Short Normal(N-16''), Long Normal(N-64'') and Lateral(6'') Geophysical Logs, following informations/granular zones have been deciphered with respect to Salinity only:

Sl No.	Depth Range (mbgl)	Thickness (meters)	Quality Remarks (in term of Salinity)
1	22-28	6	Good

Note: 1- All zones are intermixed with thin bands of kankar.

2- The formation water quality is deteriorating from marginal to saline below 50Mb till depth logged .


AllGeo Solutions
Sanjeet Sharma
(Hydrogeologist)

Address: PNP-3, Software Technology Parks of India (STPI) Motilal Nehru National Institute of Technology Campus, Near Ganga Gate Teliarganj, Prayagraj 211004, Uttar Pradesh, India, Email: allgeosolutions@gmail.com, Mobile: +91-9452830062, 8840360108, Web: www.allgeos.co.in

District Level Water Analysis Laboratory , U.P Jal Nigam, (Rural) Fatehpur

Construction division, U.P Jal Nigam, Sadipur, Fatehpur (Test Address only)

Print

Test report

Sample
Id:

U2181500S20169883

User Information

Name:

Karunakar Singh

Mobile:

7651885376

Email:

ee2cdupjn.alld@gmail.com

Pin
Code:

0

Full
Address:

Village- Not available , Gram Panchayat- Not available, Block- Not available, District- Prayagraj, State- Uttar Pradesh

Sample description

Source
of
Sample:

Location : Near Primary school [Source type : Deep Tubewell] [

Village:

Rari Khurd

Gram
Panchayat:

Rari Khurd

Block:

Malwan

District:

Fatehpur

State:

Uttar Pradesh

Address:

Remarks:

Gram Rari Khurd WSS Block Malwan Dist Fatehpur

Latitude:

Longitude:

Date & time of sample collection

30.04.2024 | 03:00:00 PM

Date & time of sample received in lab

01.06.2024 | 05:25:00 PM

Date & time of sample analysed

03.06.2024 | 02:10:00 PM

Date & time of report generation

07.06.2024 | 08:13:27 PM

Test results

S. 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	Method of Analysis	Remarks
1	Chloride (as Cl)*	mg/l	250	1000	124.000	Argentometric method	
2	Colour	Hazen units	5	15	0.000	Visual comparison method	nt
3	Fluoride (as F)*	mg/l	1	1.5	1.120	Ion selective electrode method	
4	Iron (As Fe)*	mg/l	1	No Relaxation	0.100	Phenanthroline method or as per IS 15303:2002 Electrothermal atomic absorption/Spectrophotometer method	
5	Nitrate (as NO3)*	mg/l	45	No Relaxation	16.000	UV-Visible Spectrophotometer	
6	pH*	NA	6.5-8.5	No Relaxation	7.540	Electrometric method	
7	Sulphate (as SO4)*	mg/l	200	400	58.000	Turbidimetric method	
8	Total Alkalinity (as Calcium Carbonate)*	mg/l	200	600	188.000	Titration method	
9	Total coliform*	CFU/ 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	MFT	
10	Total dissovled solids	mg/l	500	2000	682.000	Gravimetric method	
11	Total Hardness (As CaCO3)*	mg/l	200	600	324.000	EDTA Titrimetric method	
12	Turbidity*	NTU	1	5	1.620	Nephelometric method	

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

Data prepared by

Chemist: (Anuj Kumar)
Microbiologist: (Anuj Kumar)

Authorised signatory
Sandeep Kumar (Test Lab Incharge)

*****This is an electronically generated report and does not require a signature.*****

Jal Jeevan Mission aims at potable tap water supply to every home

Let's join hands to ensure drinking water is potable. It helps in preventing water borne diseases and improve public health.

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