

PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/01	RFI no: JJM/ALIGARH/KPTL/	Date : 03/04/23
Contractor Name: Kalpataru Power Transmission Limited.	LOA No- 3155/W-25 (Aligarh)/2021-22 dated 01.11.2022	

Location of Work

District: ALIGARH	Block : ATRAULI	Scheme : KUNJALPUR
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Following civil items are ready for inspection : Date :

SBC <input type="checkbox"/>	Tube Well <input type="checkbox"/>	<input checked="" type="checkbox"/> Excavation <input type="checkbox"/>	PCC <input type="checkbox"/>	RCC <input type="checkbox"/>
Shuttering <input type="checkbox"/>	Brick Work <input type="checkbox"/>	Plaster Work <input type="checkbox"/>	Painting <input type="checkbox"/>	Stand Post <input type="checkbox"/>
Flag Main <input type="checkbox"/>	Backfilling <input type="checkbox"/>	M.S. Wicket Gate/ Window <input type="checkbox"/>	Interlocking Tile <input type="checkbox"/>	
HDPE Pipeline <input type="checkbox"/>	Others <input type="text"/>			

Following Mechanical, Electrical, C&I items are ready for inspection : Date :

Instrumentation <input type="checkbox"/>	Welding <input type="checkbox"/>	Valves <input type="checkbox"/>	Chain Pully <input type="checkbox"/>	DG Set <input type="checkbox"/>
Pump Set <input type="checkbox"/>	Stabilizer <input type="checkbox"/>	Pannel <input type="checkbox"/>	Sloar <input type="checkbox"/>	Chlorinating Plant <input type="checkbox"/>
Lighting <input type="checkbox"/>	EMF Meter <input type="checkbox"/>	Level / Pressure Transmitter <input type="checkbox"/>	RTU <input type="checkbox"/>	
Earthing cable <input type="checkbox"/>	Starter <input type="checkbox"/>	Piping- DI () HDPE () MS () MDPE ()	Others <input type="checkbox"/>	

Work Description :
Tube well lowering

On Date : 04/04/2023 Time : 11:00AM

Submitted By *TARAF* Date: 03/04/23 Time : 6:00 PM Sign : *TARAF*

TPI (Aarvee)

Reviewed By *Anand Gargade* Date 06/04/23 Time 2:00 PM Sign *Anand*

Comments :

<p>Civil Department</p> <p>NAME : <input type="checkbox"/> APPROVED</p> <p>DESIG : <input type="checkbox"/> APPROVED AS NOTED</p> <p>SIGN: <input type="checkbox"/> REJECTED</p>	<p>E&M , I/C Department</p> <p>NAME : <input type="checkbox"/> APPROVED</p> <p>DESIG : <input type="checkbox"/> APPROVED AS NOTED</p> <p>SIGN: <input type="checkbox"/> REJECTED</p>
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G.P → Kunjalpur, Block- Atrauli, Aligarh

"Required → 225 LPM"

78
12

90 mtr

Stairs

42-56 → 14 mtr

60-69 → 09 mtr

75-85 → 10 mtr

	6.00	0.50
	6.00	
	6.00	
	6.00	
	6.00	
	6.00	
	6.00	
	6.00	47.50
8	6.00	53.50
	6.00	
	2.00	61.50
5	6.00	67.50
	6.00	
	4.00	77.50
2	6.00	83.50
	6.00	89.50

200 mm dia Plain pipe → 72.00 mtr

200 mm dia Staked pipe → 18.00 mtr

Total 90.00 mtr

AQL → 0.50 mtr

BGL 89.50 mtr

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- SCHEME- KUNJANPUR, BLOCK- ATRAULI, DISTT- ALIGARH
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 115 mtrs. depth. and Logged depth ~~106 mtrs.~~ at above site. Was drilled by M/s Kalpataru Power Transmission limited, Aligarh.

On the request of M/s Kalpataru Power Transmission limited, Aligarh. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 30.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 = 15.57 Ohms.

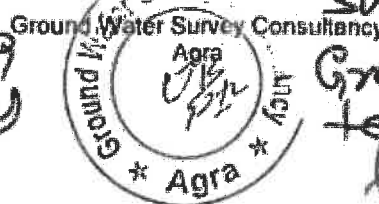
Drilling Water Resistivity = 16.71 Ohms.

Approx Water Level = 12 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 12	7	Dry sand	
3.	12 - 15	3	Clay kankar	
4.	15 - 28	13	Fine to Medium sand	Medium
5.	28 - 31	3	Clay kankar	
6.	31 - 34	3	Fine to Medium sand	Medium
7.	34 - 42	8	Clay kankar	
8.	42 - 56*	14	Medium sand	Medium
9.	56 - 60	4	Clay kankar	
10.	60 - 69*	9	Medium sand	Medium
11.	69 - 75	6	Clay kankar	
12.	75 - 85*	10	Fine to Medium sand	Medium
13.	85 - 106	21	Clay kankar	

Sr No 12 have finer sediments.

Sr No 10 - 61-69 (8m)
G.Sh
21/03/23



Logging performed as per SWSM guidelines.

Ground water quality interpreted by firm as per their logger calibration.



KALPA-TARU

KALPATARU POWER TRANSMISSION LIMITED

aanvee associates
architects engineers & consultants Pvt. Ltd.



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Aligarh Block:- **ATRAULI** Scheme:- **KUNJAL PUR**

Rig No/ Type DC:- Size of Bore:- **500mmφ**

Under:- JJM Assembly Size:- **NB 200mmφ** Required LPM:- **295**

Contractor:- **KPTL**

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL		Pipe No. =	Drilling Started Date:- 26.03.2023
		Pipe No. =	DPR Drilling Depth:- 100 mtr
		Pipe No. =	Logging Started Date:- 30.03.23
		Pipe No. =	Logging Completed Date:- 30.03.23
		Pipe No. =	Lowering Started Date :- 06.04.2023
		Pipe No. =	Lowering Completed Date :- 06.04.2023
		Pipe No. =	Housing Pipe Φ :- MM M
		Pipe No. =	Above AGL Φ :- 200 MM 0.02 M
		Pipe No. =	Plain Pipe Φ :- 200 MM 72.32 M
		Pipe No. =	Slotted Pipe Φ :- 200 MM 100 M
	0.02m	Pipe No. = 16 = 5.90	Lowered Assembly:- 09.5 M
	5.00	Pipe No. = 15 = 6.06	Total Assembly+ AGL :- 90.32 M
	11.14	Pipe No. = 14 = 6.06	Actual Drilling Depth:- 100 M
	17.2	Pipe No. = 13 = 6.04	MS H Frame:- 01
	23.24	Pipe No. = 12 = 6.06	MS Ring:- 015
	29.3	Pipe No. = 11 = 6.06	MS Reducer:- -
	35.36	Pipe No. = 10 = 6.06	MS Bail Plug:- 01
	41.42	Pipe No. = 9 = 6.06	MS Clamp:- 01
	47.48	Pipe No. = 8 = 6.0	MS Well Cap:- 01
	53.48	Pipe No. = 7 = 6.06	Centre Guide:- 02
	59.54	Pipe No. = 6 = 2.0	
	61.54	Pipe No. = 5 = 6.0	
	67.54	Pipe No. = 4 = 5.90	
	73.44	Pipe No. = 3 = 4m	
	77.44	Pipe No. = 2 = 6.0m	
	83.44	Pipe No. = 1 = 6.06m	
	89.5		

C.G

C.G
Bail Plug

Contractor Representative

TP1 Representative

Client Representative