



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/01

RFI no: JJM/ALIGARH/KPTL/

Date : 09/10/2023

Contractor Name: Kalpataru Power Transmission Limited.

LOA No- 3155/W-25 (Aligarh)/2021-22 dated 01.11.2022

Location of Work

DISTRICT:

ALIGARH

BLOCK :

Khera

SCHEME :

Khera

Following civil items are ready for inspection :

Date :

- SBC Tube Well Excavation PCC RCC
- Drilling Logging Lowering OP Unit Column
- Shuttering Brick Work Plaster Work Painting Stand Post
- Rising Main Backfilling M.S. Wicket Gate/ Window Interlocking Tile
- HDPE Pipeline Others

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

Date :

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

Work Description :

Tubewell dig machine installation & drilling work
Required discharge - 490 LPM
Assembly size - 200mm x 200mm

On Date : 10/10/2023

Time : 10:00AM

Submitted By AMIT RANJANKUMAR

Date: 09/10/2023

Time 10.00 AM

Sign

Amit Ranjan Kumar

TPI (Aarvee)

Received By

Date

Time

Sign

Comments :

Civil Department

E&M, I/C Department

NAME :

APPROVED

NAME :

APPROVED

DESIG :

APPROVED AS NOTED

DESIG :

APPROVED AS NOTED

SIGN:

REJECTED

SIGN:

REJECTED



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/01

RFI no: JJM/ALIGARH/KPTL/

Date : 12/10/2023

Contractor Name: Kalpataru Power Transmission Limited.

LOA No- 3155/W-25 (Aligarh)/2021-22 dated 01.11.2022

Location of Work

DISTRICT: ALIGARH BLOCK: Khair SCHEME: Khairg.

Following civil items are ready for inspection :

Date :

- SBC, Tube Well, Excavation, PCC, RCC, Drilling, Logging, Lowering, OP Unit, Column, Shuttering, Brick Work, Plaster Work, Painting, Stand Post, Rising Main, Backfilling, M.S. Wicket Gate/ Window, Interlocking Tile, HDPE Pipeline, Others

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

Date :

- Instrumentation, Welding, Valves, Chain Pully, DG Set, Pump Set, Stabilizer, Pannel, Sloar, Chlorinating Plant, Lighting, EMF Meter, Level / Pressure Transmitter, RTU, Earthing cable, Starter, Piping- DI, HDPE, MS, MDPE, Others

Work Description :

Tubewell electro logging work Assembly size- 200mm x 200mm Required discharge- 490 LPM

On Date : 13/10/2023

Time : 10:00AM

Submitted By AMIT RANJAN KUMAR

Date: 12/10/23

Time 10.00 AM

Sign Amit Ranjan Kumar

TPI (Aarvee)

Received By

Date

Time

Sign

Comments :

Civil Department

E&M, I/C Department

NAME : APPROVED

NAME : APPROVED

DESIG : APPROVED AS NOTED

DESIG : APPROVED AS NOTED

SIGN: REJECTED

SIGN: REJECTED



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/01

RFI no: JJM/ALIGARH/KPTL/

Date : 15/10/2023

Contractor Name: Kalpataru Power Transmission Limited.

LOA No- 3155/W-25 (Aligarh)/2021-22 dated 01.11.2022

Location of Work

DISTRICT: ALIGARH BLOCK: Khair SCHEME: Kherya

Following civil items are ready for inspection :

Date :

- SBC [] Tube Well [x] Excavation [] PCC [] RCC []
Drilling [] Logging [] Lowering [x] OP Unit [] Column []
Shuttering [] Brick Work [] Plaster Work [] Painting [] Stand Post []
Rising Main [] Backfilling [] M.S. Wicket Gate/ Window [] Interlocking Tile []
HDPE Pipeline [] Others []

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

Date :

- Instrumentation [] Welding [] Valves [] Chain Pully [] DG Set []
Pump Set [] Stabilizer [] Pannel [] Sloar [] Chlorinating Plant []
Lighting [] EMF Meter [] Level / Pressure Transmitter [] RTU []
Earthing cable [] Starter [] Piping- DI () HDPE () MS () MDPE () Others []

Work Description :

Tubewell ms pipe Lowering work.
Required discharge - 490 lpm
Assembly size - 200 mm dia x 200 mm dia

On Date : 16/10/2023

Time : 10:00AM

Submitted By AMIT RANJAN KUMAR

Date: 15/10/23

Time 10.00 AM

Sign

Amit Ranjan Kumar

TPI (Aarvee)

Received By

Date

Time

Sign

Comments :

Signature

Civil Department

E&M, I/C Department

NAME : [] APPROVED

NAME : [] APPROVED

DESIG : [] APPROVED AS NOTED

DESIG : [] APPROVED AS NOTED

SIGN: [] REJECTED

SIGN: [] REJECTED



KALPATARU

KALPATARU POWER TRANSMISSION LIMITED

arvee associates
architects engineers & consultants pvt. ltd.



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Aligarh Block:- **Khair** Scheme:- **Khera**
 Rig No/ Type DC:- **DC** Size of Bore:- **500mmφ X 500mmφ**
 Under:- **JJM** Assembly Size:- **200mmφ X 200mmφ** Required LPM:- **490 LPM**
 Contractor:- **KPTL**

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL	0.55	Pipe No. =	Drilling Started Date:- 10/10/2023
		Pipe No. =	DPR Drilling Depth:- 110 MTR
		Pipe No. =	Logging Started Date:- 13/10/2023
		Pipe No. =	Logging Completed Date:- 13/10/2023
		Pipe No. =	Lowering Started Date :- 16/10/2023
		Pipe No. =	Lowering Completed Date :- 16/10/2023
		Pipe No. =	Housing Pipe φ :- MM M
		Pipe No. =	Above AGL φ :- 200 MM 0.55 M
		Pipe No. =	Plain Pipe φ :- 200 MM 63.10 M
		Pipe No. =	Slotted Pipe φ :- 200 MM 24.00 M
6.00		Pipe No. = 16 th	Lowered Assembly:- 86.55 M
6.01		Pipe No. = 15 th	Total Assembly+ AGL :- 86.55 + 0.55 M
6.01		Pipe No. = 14 th	Actual Drilling Depth:- 110 MTR M
6.01		Pipe No. = 13 th	MS H Frame:- 200 mmφ, 1 No
6.01		Pipe No. = 12 th	MS Ring:- 200 mmφ, 15 Nos
6.02		Pipe No. = 11 th	MS Reducer:-
4.00		Pipe No. = 10 th	MS Ball Plug:- 200 mmφ, 1 No
6.00	39.50	Pipe No. = 9 th	MS Clamp:- 200 mmφ, 1 No
MSERN SLOTTED 6.00		Pipe No. = 8 th	MS Well Cap:- 200 mmφ, 1 No
MSERN SLOTTED 3.00		Pipe No. = 7 th	Centre Guide:- 200 mmφ, 4 Nos.
MSERN SLOTTED 6.00	54.50	Pipe No. = 6 th	
6.00		Pipe No. = 5 th	
5.00		Pipe No. = 4 th	
6.00	71.50	Pipe No. = 3 rd	
MSERN SLOTTED 3.00		Pipe No. = 2 nd	
MSERN SLOTTED 6.00	80.50	Pipe No. = 1 st	
6.05	86.55		
Bail Plug			

Amit Ranjan Kumar
 Contractor Representative

Adnan
 TPI Representative

Client Representative

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KHEDA, BLOCK- KHAIR, DISTT-ALIGARH
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 110 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 13.Oct.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 = 14.31 Ohms.

Drilling Water Resistivity = 15.42 Ohms.

Approx Water Level = 6 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 - 15	5	Kankar	
4.	15 - 20	5	Clay kankar	
5.	20 - 25	5	Fine sand	
6.	25 - 35	10	Clay kankar	Medium
7.	35 - 55*	20	Medium sand & kankar	Medium
8.	55 - 62	7	Clay kankar	
9.	62 - 65	3	Fine sand	Medium
10.	65 - 70	5	Clay kankar	
11.	70 - 81*	11	Fine to Medium sand	Medium
12.	81 - 110	29	Clay kankar	

Ground Water Survey Consultancy



G.P. : Khera.

Block : Khair

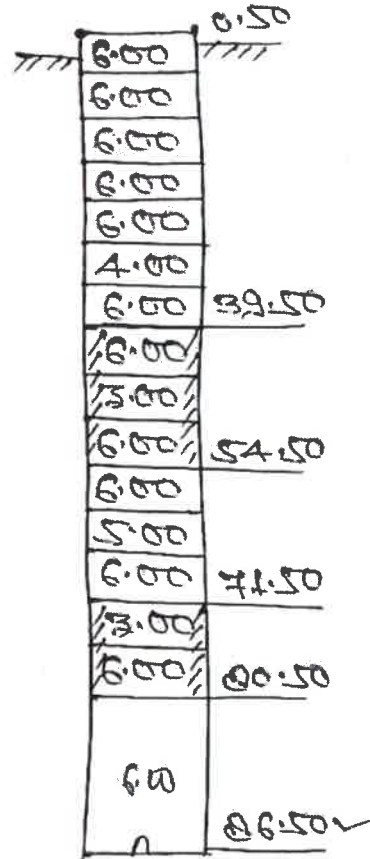
District : Aligarh.

Required : 490 LPM

300mm dia Plain Pipe : X
200mm dia Plain Pipe : 76
200mm dia Slotted Pipe : 24
100 mtr

Streta :-

35-55 → 20 mtr
70-81 → 11 mtr



300mm dia Plain Pipe : X
300X200 mm Reducer : X
200mm dia Plain Pipe : 63.00 mtr
200mm dia Slotted Pipe : 24.00 mtr
Total : 87.00 mtr