



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/01

RFI no: JJM/ALIGARH/KPTL/

Date : 6/11/2023

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK: DHANIPUR SCHEME: SHAHPUR

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 :

M.S PIPE TUBE-WELL LOWERING WORK ASSEMBLY SIZE- 200mm x 200mm REQUIRED DISCHARGE- 435 LPM

On Date : 6/11/2023

Time : 10:00AM

Submitted By

Ashutosh Pandey

Date:

6/11/23

Time 10.00 AM

Sign

Ashutosh

TPI (Aarvee)

Received By

Ashwan Kabeer

Date

Time

Sign

Ashwan

Comments :

Civil Department

E&M, I/C Department

NAME :

APPROVED

NAME :

APPROVED

DESIG :

APPROVED AS NOTED

DESIG :

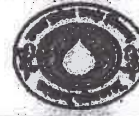
APPROVED AS NOTED

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 : 03/11/2023

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK: Dhoniapur SCHEME: Shahpur

Following civil items are ready for inspection :

Date :

- SBC [] Tube Well [x] Excavation [] PCC [] RCC []
Drilling [] Logging [x] 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 - 200 mm x 200 mm
Required discharge - 43.5 LPM.

On Date : 04/11/2023

Time : 10:00AM

Submitted By: Amit Ranjan Kumar

Date: 03/11/2023

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 : 31/10/2023

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK: Dhoniapur SCHEME: Shahpur

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 :

Rig machine installation & tubewell drilling work. Assembly size - 200mm x 200mm Required discharge - 435 Lpm

On Date : 11/11/2023

Time : 10:00AM

Submitted By Amit Ranjan Kumar

Date: 31/10/2022 Time 10.00 AM

Sign [Signature]

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

G.P. : Sakhapur

Block : Sakhapur

District : Aligarh.

Required : 435 LPM

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300mm dia Plain Pipe : 22

200mm dia Plain Pipe : 83

200mm dia Slotted Pipe : 30

135

Streets :-

40-50 → 20 m

69-74 → 05 m

77-92 → 15 m

6.00	0.50
6.00	
6.00	
6.00	
6.00	
5.00	
6.00	40.50
6.00	
6.00	49.50
6.00	
6.00	
2.00	
6.00	69.50
4.00	73.50
4.00	77.50
6.00	
2.00	
6.00	91.50
6.00	97.50 ✓

Note → Required LPM 435 हेतु स्वीकृत DPR में 300x150 mm के स्थान पर 200x200 mm स्लॉट के नलकूप का निर्माण करना उचित होगा।
Bore स्लॉट 500 mm रखना होगा।

300mm dia Plain Pipe : X

300X200 mm Reducer : X

200mm dia Plain Pipe : 71.00 m

200mm dia Slotted Pipe : 27.00 m

Total : 98.00 m

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- SHAHPUR, BLOCK- DHANIPUR, DISTT- ALIGARH
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 110 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 04.Nov.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 = 15.73 Ohms.

Drilling Water Resistivity = 16.30 Ohms.

Approx Water Level = 9 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 11	6	Clay kankar	
3.	11 - 31	20	Medium sand	Medium
4.	31 - 40	9	Clay kankar	
5.	40 - 50*	10	Medium sand	Medium
6.	50 - 69	19	Clay kankar	
7.	69 - 74*	5	Fine to Medium sand	Medium
8.	74 - 77	3	Kankar	
9.	77 - 92*	15	Fine to Medium sand	Medium
10.	92 - 106	14	Clay kankar	

Ground Water Survey Consultancy





KALPA-TARU

KALPATARU POWER TRANSMISSION LIMITED

arvee associates
architects engineers & consultants pvt. ltd.



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Aligarh Block:- Dhampur Scheme:- Shahpur
 Rig No/ Type DC:- DL Size of Bore:- 500mm x 500mm
 Under:- JJM Assembly Size:- 200mm x 200mm Required LPM:- 435
 Contractor:- KPTL

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL	0-55	Pipe No. =	Drilling Started Date:- 01/11/2023 DPR Drilling Depth:- 135
		Pipe No. =	Logging Started Date:- 04/11/2023 Logging Completed Date:- 04/11/2023
		Pipe No. = 19 th	Lowering Started Date :- Lowering Completed Date :-
6.01		Pipe No. = 18 th	Housing Pipe Φ :- MM M
6.01		Pipe No. = 17 th	Above AGL Φ :- 200 MM 0.55 M
6.01		Pipe No. = 16 th	Plain Pipe Φ :- 200 MM 71.05 M
6.01		Pipe No. = 15 th	Slotted Pipe Φ :- 200 MM 27 M
6.00		Pipe No. = 14 th	Lowered Assembly:- 37.50 M
5.00		Pipe No. = 13 th	Total Assembly+ AGL :- 37.50 + 0.55 M
6.01	40.5	Pipe No. = 12 th	Actual Drilling Depth:- 110 M
5.00		Pipe No. = 11 th	MS H Frame:- 200 mm φ, 1 No
3.00	49.50	Pipe No. = 10 th	MS Ring:- 200 mm φ, 1 No
6.00		Pipe No. = 9 th	MS Reducer:-
6.00		Pipe No. = 8 th	MS Bail Plug:- 200 mm φ, 1 No
2.00		Pipe No. = 7 th	MS Clamp:- 200 mm φ, 1 No
6.00	69.50	Pipe No. = 6 th	MS Well Cap:- 200 mm φ, 1 No
4.00	73.50	Pipe No. = 5 th	Centre Guide:- 200 mm φ, 4 No
4.00	77.50	Pipe No. = 4 th	
6.00		Pipe No. = 3 rd	
2.00		Pipe No. = 2 nd	
6.00	91.50	Pipe No. = 1 st	
Bail Plug	97.50		

Amit Ranjan Kumar
 Contractor Representative

[Signature]
 TPI Representative

Client Representative