

PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/01

RFI no: JJM/ALIGARH/KPTL/

Date : 14/10/2023

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK: Gonda SCHEME: Sevanpur

Following civil items are ready for inspection :

Date :

SBC [ ] Tube Well [x] Excavation [ ] PCC [ ] RCC [ ]
Drilling [x] 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 Rig Machine installation and drilling work
Assembly size - 200mm x 200mm
Required discharge - 255 LPM

On Date : 15/10/2023

Time : 10:00AM

Submitted By AMIT RANJAN KUMAR

Date: 14/10/2023

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 : 17/10/2023

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK: Ghonda SCHEME: Sevom plus

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 Electrologging work Depth- 110 MTR Assembly size - 200 mm dia x 200 mm dia Required discharge - 255 LPM

On Date : 18/10/2023

Time : 10:00AM

Submitted By AMIT RANJAN KUMAR

Date: 17/10/23

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



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/01

RFI no: JJM/ALIGARH/KPTL/

Date : 19/10/2023

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK: Granda SCHEME : Sevampur

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 :

Handwritten work description: Tubewell ms pipe Lowering work Required discharge - 255 Assembly size - 200 mm x 200 mm

On Date : 20/10/2023

Time : 10:00AM

Submitted By: AMIT RANJANKUMAR Date: 19/10/2023 Time 10.00 AM Sign: Amit Ranjan Kumar

TPI (Aarvee)

Recieved By: Date: Time: Sign: [Signature]

Comments :

Civil Department

E&M, I/C Department

Approval checkboxes for Civil and E&M, I/C departments: APPROVED, APPROVED AS NOTED, REJECTED





**KALPATARU**

KALPATARU POWER TRANSMISSION LIMITED

**vaarvee associates**  
architects engineers & consultants pvt. ltd.



**PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL**

District:- Aligarh      Block:- Gonda      Scheme:- Sevanpur  
 Rig No/ Type DC:- DC      Size of Bore:- 500mm x 500mm  
 Under:- JJM      Assembly Size:- 200mm x 200mm      Required LPM:- 255 LPM  
 Contractor:- KPTL

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL	<u>0.55</u>	Pipe No. =	Drilling Started Date:- <u>15/10/2023</u> DPR Drilling Depth:- <u>100 MTR</u>
		Pipe No. =	Logging Started Date:- <u>18/10/2023</u> Logging Completed Date:- <u>18/10/2023</u>
		Pipe No. =	Lowering Started Date:- <u>20/10/2023</u> Lowering Completed Date:- <u>20/10/2023</u>
		Pipe No. =	Housing Pipe $\Phi$ :- <u>    </u> MM <u>    </u> M Above AGL $\Phi$ :- <u>200</u> MM <u>0.55</u> M
		Pipe No. =	Plain Pipe $\Phi$ :- <u>200</u> MM <u>30.07</u> M Slotted Pipe $\Phi$ :- <u>200</u> MM <u>15.00</u> M
		Pipe No. =	Lowered Assembly:- <u>44.52</u> M Total Assembly+ AGL :- <u>44.52+0.55</u> M
		Pipe No. =	Actual Drilling Depth:- <u>110</u> M MS H Frame:- <u>200mm, 1 Nos</u>
		Pipe No. =	MS Ring:- <u>8 Nos, 200mm</u> MS Reducer:- <u>    </u>
		Pipe No. =	MS Bail Plug:- <u>1 Nos, 200 mm</u> MS Clamp:- <u>1 Nos, 200 mm</u>
		Pipe No. =	MS Well Cap:- <u>1 Nos, 200 mm</u> Centre Guide:- <u>3 Nos, 200 mm</u>
		Pipe No. =	
		Pipe No. =	
	<u>6.03</u>	Pipe No. =	
	<u>6.02</u>	Pipe No. =	
	<u>4.00</u>	Pipe No. =	
	<u>6.00</u>	Pipe No. =	
	<u>9.00</u> <u>21.50</u>	Pipe No. =	
MSERN SLOTTED	<u>3.00</u>	Pipe No. =	
MSERN SLOTTED	<u>3.00</u>	Pipe No. =	
MSERN SLOTTED	<u>6.00</u> <u>36.50</u>	Pipe No. =	
	<u>2.00</u>	Pipe No. =	
Bail Plug	<u>6.02</u> <u>44.52</u>	Pipe No. =	

Amit Ranjan Kumar  
 Contractor Representative

[Signature]  
 TPI Representative

Client Representative

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- SEVANPUR, BLOCK- GONDA, DISTT- ALIGARH  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 105 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 18.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 = 12.09 Ohms.

Drilling Water Resistivity = 11.24 Ohms.

Approx Water Level = 14 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 12	7	Clay kankar	
3.	12 - 14	2	Fine sand	
4.	14 - 18	4	Clay kankar	
5.	18 - 37	19	Fine to Medium sand	Med to Marginally
6.	37 - 51	14	Clay kankar	
7.	51 - 55	4	Fine sand	Saline
8.	55 - 105	50	Clay kankar	

Note : - Please ensure pre-monsoon water level before lower the well assembly



G.P. : Govanpur  
 Block : Gondra  
 Required : 25 CLM

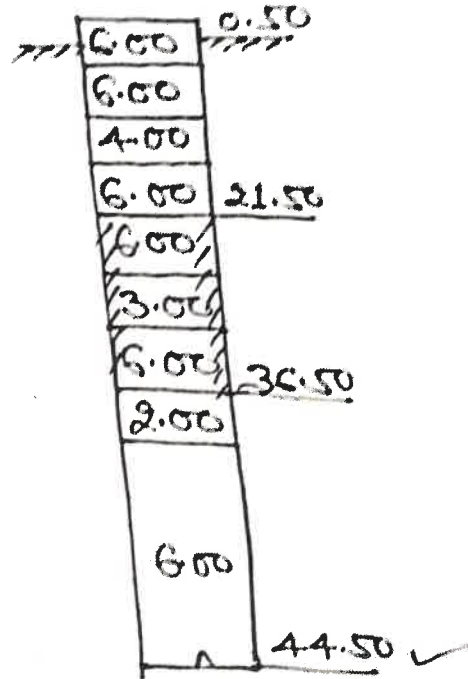
District : Aligarh

300mm dia Plain Pipe : X  
 200mm dia Plain Pipe : 78  
 200mm dia Slotted Pipe : 12  
90 mtr

Streta :-

18-37 → 19 mtr

Water Level → 15 mtr above



Note → 45-51 मी के मध्य cement sealing करने हेतु

300mm dia Plain Pipe	: X
300X200 mm Reducer	: X
200mm dia Plain Pipe	: 30.00 mtr
200mm dia Slotted Pipe	: 15.00 mtr
<b>Total</b>	<b>: 45.00 mtr</b>