



KALPATARU

KALPATARU POWER TRANSMISSION LIMITED

vaarvee associates
architects engineers & consultants pvt. ltd.



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Aligarh Block:- **TALAS** Scheme:- **Ramdali**
 Rig No/ Type DC:- **DC** Size of Bore:- **500 mmø x 500 mmø**
 Under:- **JJM** Assembly Size:- **200mmø x 200mmø** Required LPM:- **695**
 Contractor:- **KPTL**

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL	0.55	Pipe No. =	Drilling Started Date:- 27/12/2023 DPR Drilling Depth:- 120 MTR
		Pipe No. =	Logging Started Date:- 02/12/2023 Logging Completed Date:- 02/12/2023
		Pipe No. =	Lowering Started Date :- 04/12/2023 Lowering Completed Date :- 04/12/2023
		Pipe No. =	Housing Pipe Ø :- MM M Above AGL Ø :- 300 MM 0.55 M
		Pipe No. =	Plain Pipe Ø :- 200 MM 83.05 M Slotted Pipe Ø :- 200 MM 16.00 M
		Pipe No. =	Lowered Assembly:- 48.50 M Total Assembly+ AGL :- 48.50+0.55 M
		Pipe No. =	Actual Drilling Depth:- 120 M MS H Frame:- 200mmø , 1 NOS
		Pipe No. =	MS Ring:- 200mmø , 9 NOS MS Reducer:- -
		Pipe No. =	MS Bail Plug:- 200mmø , 1 NOS MS Clamp:- 200mmø , 1 NOS
		Pipe No. =	MS Well Cap:- 200mmø , 1 NOS Centre Guide:- 200mm , 4 NOS
		Pipe No. =	
	6.01	Pipe No. = 10th	
	6.01	Pipe No. = 9th	
	1.50	Pipe No. = 8th	
	6.01	Pipe No. = 7th	
	6.02	Pipe No. = 6th	
	6.00	Pipe No. = 5th	
MSERW SLOTTED	4.00	Pipe No. = 4th	
MSERW SLOTTED	6.00	Pipe No. = 3rd	
MSERW SLOTTED	1.48	Pipe No. = 2nd	
Bail Plug	6.02	Pipe No. = 1st	

Amit Ranjan Kumar
 Contractor
 Representative

Anwar
 TPI
 Representative

Client
 Representative

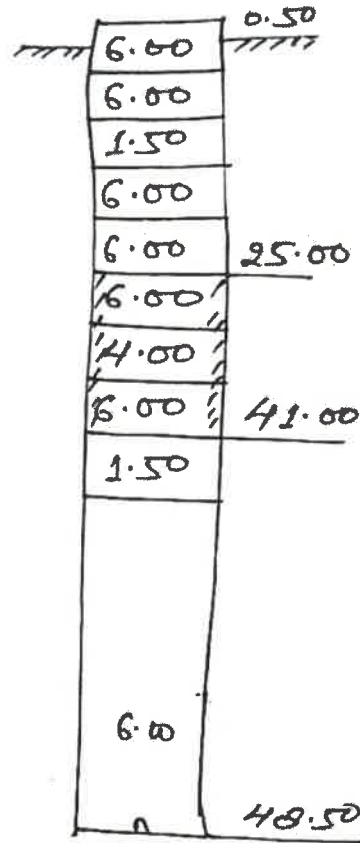
G.P. : Kandali
 Block : Iglal
 Required : 695 LPM

District : Aligarh

300mm dia Plain Pipe : 48
 200mm dia Plain Pipe : 32
 200mm dia Slotted Pipe : 30
110 mtr

Streets :-

25-41 → 16 mtr



Note → ① पर्याप्त Streets न मिलने के कारण DPR में स्वीकृत 300x200 mm मिश्र के स्थान पर 200x200 mm मिश्र के नलकूप का निर्माण करना उचित होगा। 600 मिश्र 500 mm बखना होगा।
 ② 48.50 से 50 के मध्य cement Sealing करनी होगी।

300mm dia Plain Pipe : x
 300X200 mm Reducer : x
 200mm dia Plain Pipe : 33.00 mtr
 200mm dia Slotted Pipe : 16.00 mtr
Total : 49.00 mtr

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KANDLI, BLOCK- IGLAS, DISTT- ALIGARH
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 120 mtrs. depth. and Logged depth 118 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 02.Dec.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:-

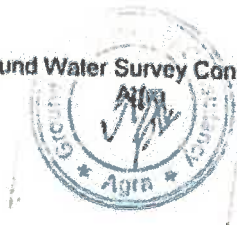
Mud Resistivity = 11.27 Ohms.

Drilling Water Resistivity = 12.30 Ohms.

Approx Water Level = 18 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 19	14	Clay kankar	
3.	19 - 23	4	Fine sand	
4.	23 - 25	2	Kankar	
5.	25 - 41*	16	Fine to Medium sand	Med to Marginally
6.	41 - 50	9	Clay kankar	
7.	50 - 53	3	Fine sand	Saline
8.	53 - 64	11	Clay kankar	
9.	64 - 68	4	Fine sand	Saline
10.	68 - 74	6	Clay kankar	
11.	74 - 78	4	Fine sand	Saline
12.	78 - 118	40	Clay kankar	

Ground Water Survey Consultancy





KALPATARU

KALPATARU PROJECTS INTERNATIONAL LIMITED
(Formerly Kalpataru Power Transmission Limited)



aarvee associates
architects engineers & consultants pvt. ltd.



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPIL/01	RFI no: JJM/ALIGARH/KPIL/	Date 4/12/2023
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Contractor Name: KALPATARU PROJECTS INTERNATIONAL LIMITED	LOA No- 3155/W-25 (Aligarh)/2021-22 dated 01.11.2022
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Location of Work

DISTRICT:- ALIGARH	BLOCK: IGLAS	SCHEME: Kandi
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Following civil items are ready for inspection : Date :

SBC <input type="checkbox"/>	Tube Well <input checked="" type="checkbox"/>	Excavation <input type="checkbox"/>	PCC <input type="checkbox"/>	RCC <input type="checkbox"/>
Driling <input type="checkbox"/>	Logging <input type="checkbox"/>	Lowering <input checked="" type="checkbox"/>	OP Unit <input type="checkbox"/>	Column <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"/>
Rising 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 :
Tubewell ms pipe Lowering work.
Required discharge-695
Assembly size - 200mmØ x 200mmØ

On Date : 04/12/2023	Time : 10:15AM
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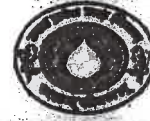
Submitted By AMIT RANJAN KUMAR	Date: 04/12/2023	Time 12:00pm	Sign Amit Ranjan Kumar
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TPI (Aarvee)

Recieved By	Date	Time	Sign
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Comments :

Civil Department		E&M , I/C Department	
NAME :	<input type="checkbox"/> APPROVED	NAME :	<input type="checkbox"/> APPROVED
DESIG :	<input type="checkbox"/> APPROVED AS NOTED	DESIG :	<input type="checkbox"/> APPROVED AS NOTED
SIGN:	<input type="checkbox"/> REJECTED	SIGN:	<input type="checkbox"/> 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 : - 02/12/2023

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK: IGLAS SCHEME: KANDALI

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 - 120 MTR Required discharge - 550 Assembly size - 300mm dia x 200 mm dia

On Date : 02/12/2023

Time : 10:00AM

Submitted By AMIT RANJAN Kumar Date: 01/12/23 Time 10.00 AM

Sign Amit Ranjan Kumar

TPI (Aarvee)

Received By Date Time Sign

Comments :

Civil Department

E&M, I/C Department

NAME, DESIG, SIGN APPROVED, APPROVED AS NOTED, 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 : 26/11/2023

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK: ICLAS SCHEME: Kambali

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 m/c installation & Tubewell drilling work. Assembly size - 300mm x 200mm. Required discharge - 695 LPM

On Date : 27/11/2023

Time : 10:00AM

Submitted By: AMIT RANJAN KUMAR Date: 26/11/2023 Time 10.00 AM

Sign: Amit Ranjan Kumar

TPI (Aarvee)

Received By Date Time Sign

Comments :

Civil Department

E&M, I/C Department

NAME, DESIG, SIGN: APPROVED, APPROVED AS NOTED, 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 : 25/12/2023

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK: IGLAS SCHEME: Komdaly

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 Compressor Tes

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

Date :

- Instrumentation, Welding, Valves, Chain Pulley, 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 Compressor testing work Assembly size - 200mm x 200mm Required discharge - 695 LPM

On Date : 25/12/2023

Time : 10:00AM

Submitted By AMIT RANJAN KUMAR

Date: 25/12/2022 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