



**KALPA-TARU**

KALPATARU POWER TRANSMISSION LIMITED

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



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

District:- Aligarh      Block:- Jawon      Scheme:- Amrauli  
 Rig No/ Type DC:- DC      Size of Bore:- 600mmØ x 500mmØ  
 Under:- JJM      Assembly Size:- 300mmØ x 200mmØ      Required LPM:- 760  
 Contractor:- KPTL

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL	6.00	Pipe No. = 300mmØ, 21 <sup>th</sup>	Drilling Started Date:- 02/11/2023 DPR Drilling Depth:- 120MTR
	6.00	Pipe No. = 300mmØ, 20 <sup>th</sup>	Logging Started Date:- 05/11/2023 Logging Completed Date:- 05/11/2023
	6.01	Pipe No. = 300mmØ, 19 <sup>th</sup>	Lowering Started Date :- Lowering Completed Date :-
	6.01	Pipe No. = 300mmØ, 18 <sup>th</sup>	Housing Pipe Ø :- 300 MM 36.05 M Above AGL Ø :- 300 MM 0.55 M
	6.02	Pipe No. = 300mmØ, 17 <sup>th</sup>	Plain Pipe Ø :- 200 MM 47.30 M Slotted Pipe Ø :- 200 MM 27MTR M
	6.01	Pipe No. = 300mmØ, 16 <sup>th</sup>	Lowered Assembly:- 110MTR M Total Assembly+ AGL :- 110.55 M
	0.2 Reducer 35.70	Pipe No. = 200mmØ, 15 <sup>th</sup>	Actual Drilling Depth:- 120MTR M MS H Frame:- 300mmØ, 1 No
	5.00	Pipe No. = 200mmØ, 14 <sup>th</sup>	MS Ring:- 300mmØ - 5 Nos, 200mmØ - 14
	6.00	Pipe No. = 200mmØ, 13 <sup>th</sup>	MS Reducer:- 300mmØ x 200mmØ, 1 No
	3.00	Pipe No. = 200mmØ, 12 <sup>th</sup>	MS Bail Plug:- 200mmØ, 1 No
	6.00	Pipe No. = 200mmØ, 11 <sup>th</sup>	MS Clamp:- 300mmØ, 1 No
	CG	Pipe No. = 200mmØ, 10 <sup>th</sup>	MS Well Cap:- 300mmØ, 1 No
	6.00	Pipe No. = 200mmØ, 9 <sup>th</sup>	Centre Guide:- 04 Nos, 200mmØ
	6.00	Pipe No. = 200mmØ, 8 <sup>th</sup>	
	1.30	Pipe No. = 200mmØ, 7 <sup>th</sup>	
	CG	Pipe No. = 200mmØ, 6 <sup>th</sup>	
	6.00	Pipe No. = 200mmØ, 5 <sup>th</sup>	
MSERW SLOTED	6.00	Pipe No. = 200mmØ, 4 <sup>th</sup>	
MSERW SLOTED	3.00	Pipe No. = 200mmØ, 3 <sup>rd</sup>	
	5.00	Pipe No. = 200mmØ, 2 <sup>nd</sup>	
MSERW SLOTED	3.00	Pipe No. = 200mmØ, 1 <sup>st</sup>	
CG	6.00		
Bail Plug			

Hmit Ranjan Kumar  
Contractor Representative

Sedhan  
TPI Representative

Client Representative

G.P. : *MUNDA*

Block : *Jadon*

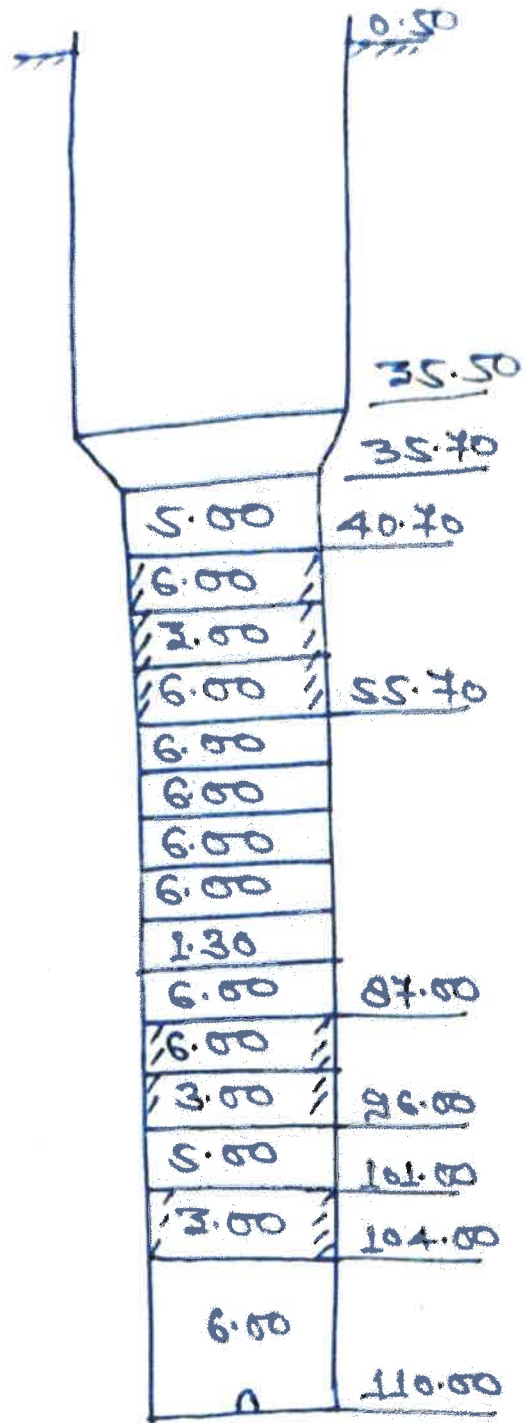
District : *Aligarh*

Required : 760 LPM

300mm dia Plain Pipe : 48  
200mm dia Plain Pipe : 38  
200mm dia Slotted Pipe : 24  
110 mh

Streta :-

40-56 → 10 mh  
60-70 → 10 mh (fine)  
87-96 → 09 mh  
101-106 → 05 mh



300mm dia Plain Pipe : 36.00 mh  
300X200 mm Reducer : 0.20 mh  
200mm dia Plain Pipe : 47.30 mh  
200mm dia Slotted Pipe : 27.00 mh

Total

110.50 mh

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- AMRAULI, BLOCK- JAWAN, DISTT-ALIGARH  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 120 mtrs. depth. and Logged depth 114 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 05.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 = 14.79 Ohms.

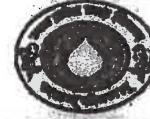
Drilling Water Resistivity = 15.42 Ohms.

Approx Water Level = 18 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 22	17	Clay kankar	
3.	22 - 30	8	Fine sand	Medium
4.	30 - 40	10	Clay kankar	
5.	40 - 56*	16	Medium sand	Medium
6.	56 - 60	4	Clay kankar	
7.	60 - 70	10	Fine sand & kankar	Medium
8.	70 - 87	17	Clay kankar	
9.	87 - 96*	9	Medium sand	Medium
10.	96 - 101	5	Clay kankar	
11.	101 - 106*	5	Fine to Medium sand	Medium
12.	106 - 112	6	Clay kankar	

Ground Water Survey Consultancy





PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/01

RFI no: JJM/ALIGARH/KPTL/

Date : 01/11/2023

Contractor Name: Kalpataru Power Transmission Limited.

LOA No- 3165/W-25 (Aligarh)/2021-22 dated 01.11.2022

Location of Work

DISTRICT: ALIGARH BLOCK: Jawan SCHEME: Amrauli

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 - 300mm x 200mm Required discharge - 760 LPM

On Date : 02/11/2023

Time : 10:00AM

Submitted By Amit Ranjan Kumar

Date: 01/11/2023 Time 10.00 AM

Sign Amit Ranjan Kumar

TPI (Aarvee)

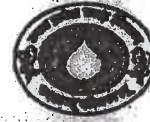
Received By Date Time Sign

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 : 04/11/2023

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT:

ALIGARH

BLOCK:

Jawan

SCHEME:

Amrukh

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"/>
Drilling	<input type="checkbox"/>	Logging	<input checked="" type="checkbox"/>	Lowering	<input 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"/>		<input type="checkbox"/>
Earthing cable	<input type="checkbox"/>	Starter	<input type="checkbox"/>	Piping- DI ( ) HDPE ( ) MS ( ) MDPE ( )		Others	<input type="text"/>		

Work Description :

Electro logging work.  
Required discharge - 760 LPM  
Assembly size - 300mm Ø x 200 mm

On Date : 05/11/2023

Time : 10:00AM

Submitted By Amit Ranjan Kumar

Date: 04/11/2023 Time 10.00 AM

Sign Amit Ranjan Kumar.

TPL (Aaryao)

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 :

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK: JAWAN SCHEME: AMRAOLI

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- 300mm x 200mm REQUIRED DISCHARGE- 760 LPM

On Date: 7/11/2023

Time: 10:00AM

Submitted By: Ashutosh Pandey

Date: 7/11/23 Time 10.00 AM

Sign: [Signature]

TPI (Arvee)

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