

KALPATARU

KALPATARU POWER TRANSMISSION LIMITED

darvee associates
architects engineers & consultants pvt. ltd



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Aligarh Block:- Gonda Scheme:- Kuagaan
 Rig No/ Type DC:- DC Size of Bore:- 500mm x 500mm
 Under:- JJM Assembly Size:- 200mm x 200mm Required LPM:- 130
 Contractor:- KPTL

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL	0.50	Pipe No. =	Drilling Started Date:- 24/01/2024 DPR Drilling Depth:- 277.00 100
		Pipe No. =	Logging Started Date:- 28/01/2024 Logging Completed Date:- 28/01/2024
		Pipe No. =	Lowering Started Date :- 31/01/2024 Lowering Completed Date :- 31/01/2024
		Pipe No. =	Housing Pipe Φ :- — MM — M Above AGL Φ :- 200 MM 0.5 M
		Pipe No. =	Plain Pipe Φ :- 200 MM 36.00 M Slotted Pipe Φ :- 200 MM 03.00 M
		Pipe No. =	Lowered Assembly:- 44.50 M Total Assembly+ AGL :- 44.50+0.5 M
		Pipe No. =	Actual Drilling Depth:- 100 MTR M MS H Frame:- 200mm x 1 Nos
		Pipe No. =	MS Ring:- 200mm x 8 Nos MS Reducer:- —
		Pipe No. =	MS Bail Plug:- 200mm x 01 Nos
		Pipe No. =	MS Clamp:- 1200mm x 1 Nos
		Pipe No. =	MS Well Cap:- 200mm x 1 Nos
		Pipe No. =	Centre Guide:- 200mm x 03 Nos
		Pipe No. =	
		Pipe No. =	
	6.00	Pipe No. = 9 th , 200mm x	
	6.00	Pipe No. = 8 th , 200mm x	
	6.00	Pipe No. = 7 th , 200mm x	
	3.00	Pipe No. = 6 th , 200mm x	
	6.00	Pipe No. = 5 th , 200mm x	
	26.50	Pipe No. = 4 th , 200mm x	
MSERW SLOTTED	6.00	Pipe No. = 3 rd , 200mm x	
MSERW SLOTTED	3.00	Pipe No. = 2 nd , 200mm x	
	35.50	Pipe No. = 1 st , 200mm x	
Bail Plug	6.00		
	44.50		

Amit Ranjan Kumar
 Contractor Representative

Ashau
 TPI Representative

Client Representative

S.P. → Kuggaon
 Block - Gonda, Distt. Aligarh
 Required LPM → 130.

on E Lechie

72
 8
 mt

-35 → 00 mt

6.00	0.50
6.00	
6.00	
3.00	
6.00	26.50
6.00	
3.00	35.50
3.00	
6.00	44.50

Date hand →

~~200 mm~~
 Note → 45 मी से 49 मी तक मेट्रिक सेलिंग -
 करनी है।

200 mm dia plain pipe → 36.00 mt
 200 mm dia slotted pipe → 09.00 mt
WGD → 45.00 mt

REPORT ON GEOPHYSICAL WELL LOGGING AT

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

Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 90 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 28.Jan.2024.

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 = 10.08 Ohms.

Drilling Water Resistivity = 11.37 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 - 10	5	Dry sand	
3.	10 - 27	17	Clay kankar	
4.	27 - 35	8	Sand & kankar	Med to Marginally
5.	35 - 49	14	Clay kankar	
6.	49 - 52	3	Fine sand & kankar	Saline
7.	52 - 90	38	Clay kankar	



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(Formerly Kalpataru Power Transmission Limited)

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PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPIL/01

RFI no:
JJM/ALIGARH/KPIL/

Date: 30/01/2024

Contractor Name: KALPATARU PROJECTS INTERNATIONAL LIMITED

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

Location of Work

DISTRICT:- ALIGARH

BLOCK: Ghonda

SCHEME: Kragao

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 - 130
Assembly size - 200mm x 200mm

On Date: 31/01/2024

Time: 4:00 PM

Submitted By: AMIT RANJAN KUMAR

Date: 30/01/24

Time: 10:00 AM

Sign

Amit Ranjan Kumar

TPI (Arvee)

Recieved By

Date

Time

Sign

Ashwan

Comments :

Civil Department

E&M, I/C Department

NAME: APPROVED

NAME: APPROVED

DESIG: APPROVED AS NOTED

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SIGN: REJECTED

SIGN: REJECTED



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Work Description :

On Date :

Time :

Submitted By

Date:

Time

Sign

TPI (Aarvee)

Recieved By

Date

Time

Sign

Comments :

Civil Department

E&M , I/C Department

NAME : APPROVED

NAME : APPROVED

DESIG : APPROVED AS NOTED

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SIGN: REJECTED

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Work Description :

On Date :

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Submitted By

Date:

Time

Sign

TPI (Arvee)

Recieved 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