



KALPATARU

KALPATARU POWER TRANSMISSION LIMITED

Maarvee associates
architects, engineers & consultants pvt. ltd.



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Aligarh Block:- Khair Scheme:- Narayampur
 Rig No/ Type DC:- DC Size of Bore:- 500mm x 500mm
 Under:- JJM Assembly Size:- 200mm x 200mm Required LPM:- 320 LPM
 Contractor:- KPTL

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL	0.56	Pipe No. =	Drilling Started Date:- <u>25/10/2023</u> DPR Drilling Depth:- <u>110 MTR</u>
		Pipe No. =	Logging Started Date:- <u>28/10/2023</u> Logging Completed Date:- <u>28/10/2023</u>
		Pipe No. =	Lowering Started Date :- <u>30/10/2023</u> Lowering Completed Date :- <u>30/10/2023</u>
		Pipe No. =	Housing Pipe Φ :- — MM — M Above AGL Φ :- <u>200 MM</u> <u>0.56</u> M
		Pipe No. =	Plain Pipe Φ :- <u>200 MM</u> <u>55.11</u> M Slotted Pipe Φ :- <u>200 MM</u> <u>18.00</u> M
		Pipe No. =	Lowered Assembly:- <u>72.55</u> M Total Assembly+ AGL :- <u>72.55+0.56</u> M
		Pipe No. =	Actual Drilling Depth:- <u>110MTR</u> M MS H Frame:- <u>200mm, 1 Nos</u>
	6.01	Pipe No. = <u>14th</u>	MS Ring:- <u>200mm, 13 Nos</u> MS Reducer:- —
	6.01	Pipe No. = <u>13th</u>	MS Ball Plug:- <u>200mm, 1 Nos</u> MS Clamp:- <u>200mm, 1 Nos</u>
	6.01	Pipe No. = <u>12th</u>	MS Well Cap:- <u>200mm, 1 Nos</u> Centre Guide:- <u>200mm, 4 Nos</u>
	1.00	Pipe No. = <u>11th</u>	
	6.01	Pipe No. = <u>10th</u>	
	6.01	Pipe No. = <u>9th</u>	
	6.01	Pipe No. = <u>8th</u>	
	5.00	Pipe No. = <u>7th</u>	
	3.00	Pipe No. = <u>6th</u>	
	6.00	Pipe No. = <u>5th</u>	
	6.00	Pipe No. = <u>4th</u>	
	6.00	Pipe No. = <u>3rd</u>	
	3.00	Pipe No. = <u>2nd</u>	
	6.05	Pipe No. = <u>1st</u>	
Bail Plug	72.55		

Amit Ranjan Kumar
 Contractor
 Representative

Yadnan
 TPI
 Representative

Client
 Representative

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- NARAYANPUR, BLOCK- KHAIR, DISTT-ALIGARH UNDER JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 108 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.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 = 14.53 Ohms.

Drilling Water Resistivity = 15.49 Ohms.

Approx Water Level = 3 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 8	3	Clay kankar	
3.	8 - 23	15	Fine to Medium sand	Medium
4.	23 - 36	13	Clay kankar	
5.	36 - 52*	16	Medium sand	Medium
6.	52 - 62	10	Clay kankar	
7.	62 - 67*	5	Fine to Medium sand	Medium
8.	67 - 108	41	Clay kankar	



KALPATARU PROJECTS INTERNATIONAL LIMITED
(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 : 27/10/2023

Contractor Name: KALPATARU PROJECTS INTERNATIONAL LIMITED LOA No- 3155/W-25 (Aligarh)/2021-22 dated 01.11.2022

Location of Work

DISTRICT:- ALIGARH BLOCK : *Rhair* SCHEME : *Narayampur*

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="checkbox"/>			

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 electro logging work.
Required discharge - 320 LPM
Assembly size - 200 mm x 200 mm*

On Date : 28/10/2023 Time : 5:00 PM

Submitted By *AMIT RANJAN KUMAR* Date: 10:00 AM Time 10:00 AM Sign *Amit Ranjan Kumar*

TPI (Aarvee)

Recieved By _____ Date _____ Time _____ Sign *Aman*

Comments :

Civil Department	E&M , I/C Department
NAME : <input type="checkbox"/> APPROVED	NAME : <input type="checkbox"/> APPROVED



KALPATARU PROJECTS INTERNATIONAL LIMITED
(Formerly Kalpataru Power Transmission Limited)



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPIL/01

RFI no:
JJM/ALIGARH/KPIL/

Date : 24/10/2023

Contractor Name: KALPATARU PROJECTS INTERNATIONAL LIMITED

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

Location of Work

DISTRICT:- ALIGARH

BLOCK : Khair

SCHEME : Norayan pur

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

Work Description :

Tube well rig machine installation & drilling work
Required discharge - 320
Assembly size - 200 mm x 200 mm

Drilling depth - 110 mtr

On Date : 25/10/2023

Time : 9:00 AM

Submitted By AMIT RANJANKUMAR

Date: 24/10/2023

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



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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 : 30/10/2023

Contractor Name: KALPATARU PROJECTS INTERNATIONAL LIMITED

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

Location of Work

DISTRICT:- ALIGARH

BLOCK :

SCHEME :

Following civil items are ready for inspection :

Date :

SBC	<input type="checkbox"/>	Tube Well	<input 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"/>		<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"/>		<input type="checkbox"/>	RTU	<input type="checkbox"/>
Earthing cable	<input type="checkbox"/>	Starter	<input type="checkbox"/>	Piping- DI () HDPE () MS () MDPE ()	<input type="checkbox"/>		<input type="checkbox"/>	Others	<input type="checkbox"/>

Work Description :

M.S PIPE TUBE - WELL LOWERING WORK
ASSEMBLY SIZE- 200mm ϕ x 200mm ϕ
REQUIRED DISCHARGE- 320 LPM

On Date : 30/10/2023

Time :

Submitted By ASHUTOSH PANDEY Date: 30/10/23

Time

Sign

TPI (Aarvee)

Recieved By

Date

Time

Sign

Comments :

Civil Department

E&M, I/C Department

NAME :

APPROVED

NAME :

APPROVED