



KALPA-TARU

KALPATARU POWER TRANSMISSION LIMITED

aarvee associates
architects engineers & consultants pvt. ltd.



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Aligarh Block:- Gonda Scheme:- Mahadhaura

Rig No/ Type DC:- DC Size of Bore:-

Under:- JJM Assembly Size:- 200mm Ø x 200mm Ø Required LPM:- 780 LPM

Contractor:- KPTL

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL	0.5	Pipe No. =	Drilling Started Date:- <u>02-10-2023</u> DPR Drilling Depth:- <u>110M</u>
		Pipe No. =	Logging Started Date:- <u>04-10-2023</u> Logging Completed Date:- <u>04-10-2023</u>
		Pipe No. =	Lowering Started Date :- <u>07-10-2023</u> Lowering Completed Date :- <u>07-10-2023</u>
		Pipe No. =	Housing Pipe Φ :- <u> </u> MM <u> </u> M Above AGL Φ :- <u>200</u> MM <u>0.5</u> M
		Pipe No. =	Plain Pipe Φ :- <u>200</u> MM <u>25.50</u> M Slotted Pipe Φ :- <u>200</u> MM <u>09.00</u> M
		Pipe No. =	Lowered Assembly:- <u>34.00MTR</u> M Total Assembly+ AGL :- <u>34+0.5</u> M
		Pipe No. =	Actual Drilling Depth:- <u>110M</u> M MS H Frame:- <u>200mm Ø, 1 No</u>
		Pipe No. =	MS Ring:- <u>200mm Ø, 7 Nos</u> MS Reducer:- <u> </u>
		Pipe No. =	MS Bail Plug:- <u>200mm Ø, 1 No</u> MS Clamp:- <u>200mm Ø, 1 Set</u>
		Pipe No. =	MS Well Cap:- <u>200mm Ø, 1 No</u> Centre Guide:- <u>200mm Ø, 2 Nos.</u>
		Pipe No. =	
		Pipe No. =	
		Pipe No. =	
		Pipe No. =	
		6.00	Pipe No. = <u>8th</u>
6.00	Pipe No. = <u>7th</u>		
1.50	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>		
6.00	Pipe No. = <u>2nd</u>		
6.00	Pipe No. = <u>1st</u>		
MSEW SLOTED LCM SCREEN LCM SCREEN Bail Plug			
	19.00		
	28.00		
	34.00		

Amit Rajan Kumar
Contractor
Representative

Alhan
TPI
Representative

Client
Representative



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 : 06-10-2023

Contractor Name: KALPATARU PROJECTS INTERNATIONAL LIMITED

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

Location of Work

DISTRICT:- ALIGARH

BLOCK : Ghonda

SCHEME : Mahadaura

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 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 :

Tube well MS pipe lowering work
Assembly size - 200 mm dia x 200 mm dia
Required discharge - 780 LPM.

On Date : 07-10-2023

Time :

Submitted By AMITRANJAN KUMAR Date: 06-10-23 Time 5:00 PM Sign Amit Ranjan Kumar

TPI (Aarvee)

Recieved By _____ Date _____ Time _____ Sign Adnan

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

REPORT ON GEOPHYSICAL WELL LOGGING AT

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

Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 95 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 04.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 = 12.34 Ohms.

Drilling Water Resistivity = 13.60 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 - 19	14	Clay kankar	
3.	19 - 28*	9	Fine to Medium sand	Medium
4.	28 - 34	6	Clay kankar	
5.	34 - 37	3	Fine sand	Marginally saline
6.	37 - 95	58	Clay kankar	

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


Ground Water Survey Consultancy
Agra

G.P. : makadawra

Block : Benda

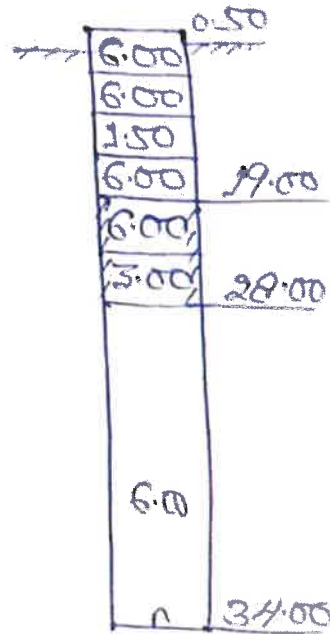
District : Aligarh

Required : 780 LPM

300mm dia Plain Pipe : 48
200mm dia Plain Pipe : 26
200mm dia Slotted Pipe : 36
110 mtr

Streta :-

19-28 → 09 mtr



Note → (1) चर्चित स्ट्रेक प्राप्त न होने के कारण स्वीकृत D.P.P में 300x200mm साइज के स्थान पर 200x200mm साइज का गलत रूप निर्दिष्ट करना उचित होगा। Bore साइज 500mm रखना है।
(2) cement sealing करनी होगी।

300mm dia Plain Pipe : X
300X200 mm Reducer : X
200mm dia Plain Pipe : 25.50 mtr
200mm dia Slotted Pipe : 09.00 mtr
Total : 34.50 mtr