



KALPA-TARU

KALPATARU POWER TRANSMISSION LIMITED

arvee associates
architects engineers & consultants pvt. ltd.



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Allgarh Block:- Coonda Scheme:- Digsari

Rig No/ Type DC:- DC Under:- JJM Assembly Size:- 200mmØ x 200mmØ Size of Bore:- 500mmØ x 500mmØ

Contractor:- KPTL Required LPM:- 505 LPM

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL	0.6	Pipe No. =	Drilling Started Date:- <u>25.10.2023</u> DPR Drilling Depth:- <u>110MTR</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>30/09/2023</u> Lowering Completed Date:- <u>30/09/2023</u>
		Pipe No. =	Housing Pipe Ø :- MM M
		Pipe No. =	Above AGL Ø :- <u>200 MM</u> <u>0.6</u> M
		Pipe No. =	Plain Pipe Ø :- <u>200 MM</u> <u>59.13</u> M
		Pipe No. =	Slotted Pipe Ø :- <u>200 MM</u> <u>24</u> M
		Pipe No. =	Lowered Assembly:- <u>82.53</u> M
		Pipe No. =	Total Assembly+ AGL :- <u>82.53+0.6</u> M
	6.02	Pipe No. = <u>15th</u>	Actual Drilling Depth:- <u>110MTR</u> M
	6.03	Pipe No. = <u>14th</u>	MS H Frame:- <u>200mmØ, 1 No</u>
	6.03	Pipe No. = <u>13th</u>	MS Ring:- <u>14 No, 200mmØ</u>
	6.02	Pipe No. = <u>12th</u>	MS Reducer:- <u>-</u>
	4.00	Pipe No. = <u>11th</u>	MS Bail Plug:- <u>1 No, 200mmØ</u>
		Pipe No. = <u>10th</u>	MS Clamp:- <u>1 No, 200mmØ</u>
		Pipe No. = <u>9th</u>	MS Well Cap:- <u>1 No, 200mmØ</u>
		Pipe No. = <u>8th</u>	Centre Guide:- <u>3 No, 200mmØ</u>
		Pipe No. = <u>7th</u>	
		Pipe No. = <u>6th</u>	
		Pipe No. = <u>5th</u>	
		Pipe No. = <u>4th</u>	
		Pipe No. = <u>3rd</u>	
		Pipe No. = <u>2nd</u>	
		Pipe No. = <u>1st</u>	
MSERW SLOTTED	6.00		
MSERW SLOTTED	6.00		
	6.00		
	4.00		
	6.00		
MSERW SLOTTED	6.00		
	6.00		
	3.00		
MSERW SLOTTED	6.00		
Bail Plug	6.03		

Amit Ranjan Kumar
Contractor
Representative

Adnan
TPI
Representative

Client
Representative



KALPA-TARU

KALPATARU PROJECTS INTERNATIONAL LIMITED
(Formerly Kalpataru Power Transmission Limited)

darvee 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 : 29/09/2023

Contractor Name: KALPATARU PROJECTS INTERNATIONAL LIMITED

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

Location of Work

DISTRICT:- ALIGARH

BLOCK : Gonda

SCHEME : DigSari

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"/>		<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 :

Tubewell ms pipe Lowering work.
Assembly Size - 200mm ϕ x 200mm ϕ
Required LPM - 505 LPM

On Date : 30/09/2023

Time :

Submitted By Amit Ranjan Kumar Date: 29/09/2023 Time

Sign Amit Ranjan Kumar

TPI (Aarvee)

Recieved By

Date

Time

Sign

Comments :

Civil Department

NAME :

APPROVED

DESIG :

APPROVED AS NOTED

SIGN:

REJECTED

E&M, I/C Department

NAME :

APPROVED

DESIG :

APPROVED AS NOTED

SIGN:

REJECTED

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- DIGSARI, BLOCK- GONDA, 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 Project International Pvt. Ltd, Aligarh.

On the request of M/s Kalpataru Project International Pvt. Ltd, Aligarh. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 28.Sep.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 = 14.27 Ohms.

Drilling Water Resistivity = 15.61 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 - 8	3	Clay kankar	
3.	8 - 15	7	Fine sand	
4.	15 - 18	3	Clay kankar	Medium
5.	18 - 40	22	Medium sand	
6.	40 - 45	5	Clay kankar	Medium
7.	45 - 48	3	Fine sand	
8.	48 - 55	7	Clay kankar	
9.	55 - 62*	7	Fine to Med sand & kan	Medium
10.	62 - 70	8	Clay kankar	
11.	70 - 77*	7	Fine to Medium sand	Medium
12.	77 - 86	9	Clay kankar	
13.	86 - 93	7	Fine sand	Marginally saline
14.	93 - 108	15	Clay kankar	

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

Ground Water Survey Consultancy
Agra



