



KALPA-TARU

KALPATARU POWER TRANSMISSION LIMITED

aarvee associates
architects engineers & consultants pvt. ltd.



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Aligarh Block:- Atrauli Scheme:- Binamai
 Rig No/ Type DC:- DC Size of Bore:- 500mmØ x 500mmØ
 Under:- JJM Assembly Size:- 200mmØ x 200mmØ Required LPM:- 70
 Contractor:- KPTL

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL	0.57	Pipe No. =	Drilling Started Date:- <u>25/11/2023</u> DPR Drilling Depth:- <u>100 MTR</u>
		Pipe No. =	Logging Started Date:- <u>01/12/2023</u> Logging Completed Date:- <u>01/12/2023</u>
		Pipe No. =	Lowering Started Date :- <u>10/12/2023</u> Lowering Completed Date :- <u>10/12/2023</u>
		Pipe No. =	Housing Pipe Ø :- MM M Above AGL Ø :- <u>200 MM</u> <u>0.57</u> M
6.00		Pipe No. = <u>17th</u>	Plain Pipe Ø :- <u>200 MM</u> <u>70.10</u> M Slotted Pipe Ø :- <u>200 MM</u> <u>18</u> M
6.00		Pipe No. = <u>16th</u>	Lowered Assembly:- <u>87.53</u> M Total Assembly+ AGL :- <u>87.53+0.57</u> M
6.01		Pipe No. = <u>15th</u>	Actual Drilling Depth:- <u>110</u> M
6.01		Pipe No. = <u>14th</u>	MS H Frame:- <u>200mmØ, 1 Nos</u> MS Ring:- <u>200mmØ, 16 Nos</u> MS Reducer:- <u>---</u>
6.01		Pipe No. = <u>13th</u>	MS Bail Plug:- <u>200mmØ, 1 Nos</u> MS Clamp:- <u>200mmØ, 1 Nos</u>
6.01		Pipe No. = <u>12th</u>	MS Well Cap:- <u>200mmØ, 1 Nos</u> Centre Guide:- <u>200mmØ, 1 Nos</u>
6.02		Pipe No. = <u>11th</u>	
2.00		Pipe No. = <u>10th</u>	
6.01	49.50	Pipe No. = <u>9th</u>	
<u>MSERW SLOTTED</u>	52.50	Pipe No. = <u>8th</u>	
<u>MSERW SLOTTED</u>	56.50	Pipe No. = <u>7th</u>	
<u>MSERW SLOTTED</u>	65.50	Pipe No. = <u>6th</u>	
<u>MSERW SLOTTED</u>	75.50	Pipe No. = <u>5th</u>	
<u>MSERW SLOTTED</u>	81.50	Pipe No. = <u>4th</u>	
<u>MSERW SLOTTED</u>	87.53	Pipe No. = <u>3rd</u>	
<u>Bail Plug</u>		Pipe No. = <u>2nd</u>	
		Pipe No. = <u>1st</u>	

Amit Ranjan Kumar
 Contractor Representative

Ahman
 TPI Representative

Client Representative

G.P. : 01111111

Block : Akhauri

District : Aligarh

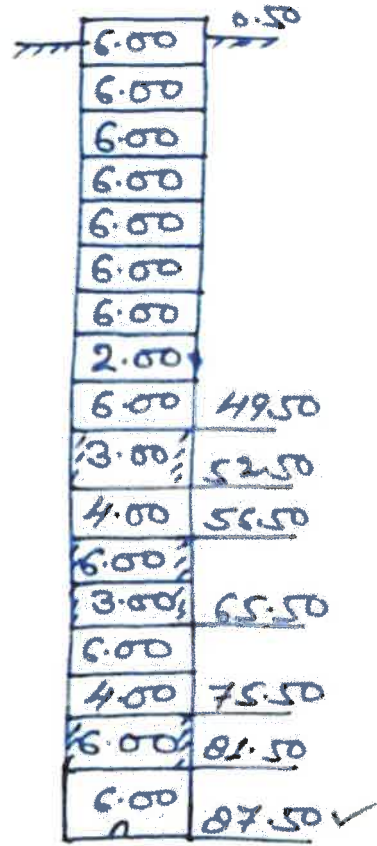
Required : 70' LPM

on Electric

300mm dia Plain Pipe : x
200mm dia Plain Pipe : 72
200mm dia Slotted Pipe : 18
90mtr

Streta :-

49-53 → 0.4mtr
56-66 → 1.0mtr
75-91 → 1.6mtr



300mm dia Plain Pipe : x
300X200 mm Reducer : x
200mm dia Plain Pipe : 70.00 mtr
200mm dia Slotted Pipe : 18.00 mtr

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- BENAMAI, BLOCK- ATRAULI, DISTT- ALIGARH UNDER JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 106 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 01.Dec.2023.

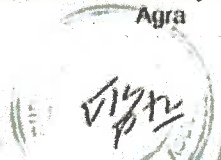
Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major Aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

Mud Resistivity = 15.09 Ohms.

Drilling Water Resistivity = 16.37 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 - 10	5	Clay kankar	
3.	10 - 17	7	Fine sand	
4.	17 - 21	4	Clay kankar	
5.	21 - 25	4	Fine sand	Medium
6.	25 - 35	10	Clay kankar	
7.	35 - 46*	11	Medium sand	Medium
8.	46 - 49	3	Clay kankar	
9.	49 - 53*	4	Medium sand	Medium
10.	53 - 56	3	Clay kankar	
11.	56 - 66*	10	Medium sand	Medium
12.	66 - 75	9	Clay kankar	
13.	75 - 91*	16	Fine to Medium sand	Medium
14.	91 - 101	10	Clay kankar	
15.	101 - 105	4	Fine sand	Medium
16.	105 - 108	3	Clay kankar	





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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 : **05/12/2023**

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

Location of Work

DISTRICT:- **ALIGARH** BLOCK : **ATRAULI** SCHEME : **Binamai**

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 - 70 LPM
Assembly size - 200 mm φ x 200 mm φ*

On Date : **05/12/2023** Time :

Submitted By **AMIT RANJAN KUMAR** Date: **05/12/2023** Time Sign **Amit Ranjan Kumar**

TPI (Aarvee)
Recieved By Date Time Sign **Adnan**

Comments :

<p align="center">Civil Department</p> <p>NAME : <input type="checkbox"/> APPROVED</p> <p>DESIG : <input type="checkbox"/> APPROVED AS NOTED</p> <p>SIGN: <input type="checkbox"/> REJECTED</p>	<p align="center">E&M , I/C Department</p> <p>NAME : <input type="checkbox"/> APPROVED</p> <p>DESIG : <input type="checkbox"/> APPROVED AS NOTED</p> <p>SIGN: <input type="checkbox"/> REJECTED</p>
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**KALPATARU®**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 : 30/11/2023

Contractor Name: KALPATARU PROJECTS INTERNATIONAL LIMITED

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

Location of Work

DISTRICT:- ALIGARH

BLOCK :

ATRAULI

SCHEME :

Binamai

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 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"/>
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 - 70 LPM
 Assembly Size - 300 mm Ø x 200 mm

On Date : 01/12/2023

Time :

Submitted By AMITRANJAN

Date: 30/11/23

Time

Sign

Amit Ranjan Kumar

TPI (Aarvee)

Recieved By

Date

Time

Sign

Comments :

Civil Department

NAME : APPROVEDDESIG : APPROVED AS NOTEDSIGN: REJECTED

E&M , I/C Department

NAME : APPROVEDDESIG : APPROVED AS NOTEDSIGN: REJECTED



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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: 24/11/2023

Contractor Name: KALPATARU PROJECTS INTERNATIONAL LIMITED

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

Location of Work

DISTRICT:- ALIGARH

BLOCK : *Alrauli*

SCHEME : *Binamai*

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"/>
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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 drilling work & Rig machine installation work.
Required discharge - 70 LPM
Assembly size - 200mm x 200mm*

On Date : 25/11/2023

Time :

Submitted By *AMEERANJAN KUMAR*

Date:

Time

Sign

Himf Ranjan Kumar

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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