



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/01

RFI no: JJM/ALIGARH/KPTL/

Date : 19/11/2023

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK: AKARABA SCHEME: Gonyalpur

Following civil items are ready for inspection :

Date :

- SBC, Tube Well, Excavation, PCC, RCC, Drilling, Logging, Lowering, OP Unit, Column, Shuttering, Brick Work, Plaster Work, Painting, Stand Post, Rising Main, Backfilling, M.S. Wicket Gate/ Window, Interlocking Tile, HDPE Pipeline, Others

Following Mechanical, Electrical, C&I items are ready for inspection :

Date :

- Instrumentation, Welding, Valves, Chain Pully, DG Set, Pump Set, Stabilizer, Pannel, Sloar, Chlorinating Plant, Lighting, EMF Meter, Level / Pressure Transmitter, RTU, Earthing cable, Starter, Piping- DI, HDPE, MS, MDPE, Others

Work Description :

Tubewell Rig machine installation & drilling work. Assembly size- 200mm x 200mm Required discharge- 90 Lpm

On Date : 20/11/2023

Time : 10:00AM

Submitted By AMITRANJANKUMAR

Date: 19/11/2023

Time 10.00 AM

Sign Amit Ranjan Kumar

TPI (Aarvee)

Received 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



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/01

RFI no: JJM/ALIGARH/KPTL/

Date : 22/10/2023

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK: AKARABAD SCHEME: orangalpur

Following civil items are ready for inspection :

Date :

SBC [] Tube Well [x] Excavation [] PCC [] RCC []
Drilling [] Logging [x] Lowering [] OP Unit [] Column []
Shuttering [] Brick Work [] Plaster Work [] Painting [] Stand Post []
Rising Main [] Backfilling [] M.S. Wicket Gate/ Window [] Interlocking Tile []
HDPE Pipeline [] Others []

Following Mechanical, Electrical, C&I items are ready for inspection :

Date :

Instrumentation [] Welding [] Valves [] Chain Pully [] DG Set []
Pump Set [] Stabilizer [] Pannel [] Sloar [] Chlorinating Plant []
Lighting [] EMF Meter [] Level / Pressure Transmitter [] RTU []
Earthing cable [] Starter [] Piping- DI () HDPE () MS () MDPE () Others []

Work Description :

Tubewell Electrologging work.
Required discharge - 90 LPM
Assembly size - 200 mm x 200 mm

On Date : 23/10/2023

Time : 10:00AM

Submitted By AMIT RANJAN KUMAR Date: 22/10/2023 Time 10.00 AM

Sign Amit Ranjan Kumar

TPI (Aarvee)

Received 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



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 : 26/10/2023

Contractor Name: KALPATARU PROJECTS INTERNATIONAL LIMITED

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

Location of Work

DISTRICT:- ALIGARH

BLOCK : AKRABAD

SCHEME : GANGALPUR

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"/>
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"/>			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 :

M.S PIPE TUBE - WELL LOWERING WORK
ASSEMBLY SIZE - 200mm ϕ x 200mm ϕ
REQUIRED DISCHARGE - 90 LPM

On Date : 26/10/2023

Time :

Submitted By ASHUTOSH PANDEY

Date:

Time

Sign

Ashu

TPI (Aarvee)

Recieved By

Date

Time

Sign

Ashu

Comments :

Civil Department

E&M, I/C Department

NAME : APPROVED

NAME : APPROVED

DESIG : APPROVED AS NOTED

DESIG : APPROVED AS NOTED



KALPATARU

KALPATARU POWER TRANSMISSION LIMITED

arvee associates
architects engineers & consultants pvt. ltd.



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Aligarh Block:- AKARABAD Scheme:- Chongalpur
 Rig No/ Type DC:- DC Size of Bore:- 500mm x 500mm
 Under:- JJM Assembly Size:- 200mm x 200mm Required LPM:- 90 LPM
 Contractor:- KPTL

CHART		PIPE LENGTH	ASSEMBLY DETAILS
AGL	0.55	Pipe No. =	Drilling Started Date:- <u>20/10/2023</u> DPR Drilling Depth:- <u>110 MTR</u>
		Pipe No. =	Logging Started Date:- <u>23/10/2023</u> Logging Completed Date:- <u>23/10/2023</u>
		Pipe No. =	Lowering Started Date :- <u>27/10/2023</u> Lowering Completed Date :- <u>28/10/2023</u>
6.00		Pipe No. = <u>18th</u>	Housing Pipe Φ :- — MM — M Above AGL Φ :- <u>200 MM 0.55 M</u>
6.02		Pipe No. = <u>17th</u>	Plain Pipe Φ :- <u>200 MM 77.05 M</u> Slotted Pipe Φ :- <u>200 MM 15 M</u>
6.01		Pipe No. = <u>16th</u>	Lowered Assembly:- <u>91.53 M</u> Total Assembly+ AGL :- <u>91.53+0.55 M</u>
6.02		Pipe No. = <u>15th</u>	Actual Drilling Depth:- <u>110 M</u>
6.00		Pipe No. = <u>14th</u>	MS H Frame:- <u>200mmφ, 1 No</u> MS Ring:- <u>200mmφ, 17 No</u> MS Reducer:- —
6.00		Pipe No. = <u>13th</u>	MS Bail Plug:- <u>200mmφ, 1 No</u> MS Clamp:- <u>200mmφ, 1 No</u>
2.00		Pipe No. = <u>12th</u>	MS Well Cap:- <u>200mmφ, 1 No</u> Centre Guide:- <u>200mmφ, 4 No.</u>
6.00	43.50	Pipe No. = <u>11th</u>	
6.00	49.50	Pipe No. = <u>10th</u>	
6.00		Pipe No. = <u>9th</u>	
2.00		Pipe No. = <u>8th</u>	
6.00	63.50	Pipe No. = <u>7th</u>	
3.00	66.50	Pipe No. = <u>6th</u>	
6.00		Pipe No. = <u>5th</u>	
1.00		Pipe No. = <u>4th</u>	
6.00	79.50	Pipe No. = <u>3rd</u>	
6.00	85.50	Pipe No. = <u>2nd</u>	
Bail Plug 6.03	91.53	Pipe No. = <u>1st</u>	

Amit Ranjan Kumar
 Contractor Representative

Ashwan
 TPI Representative

Client Representative

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- GANGALPUR, BLOCK- AKRABAD, DISTT- ALIGARH
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 100 mtrs. depth. and Logged depth 100 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 23.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 = 15.22 Ohms.

Drilling Water Resistivity = 16.23 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 - 15	7	Fine sand & kankar	
4.	15 - 22	7	Clay kankar	
5.	22 - 33	11	Medium sand & kankar	Medium
6.	33 - 43	10	Clay kankar	
7.	43 - 50*	7	Fine to Med sand & kan	Medium
8.	50 - 62	12	Clay kankar	
9.	62 - 67	5	Fine sand	Medium
10.	67 - 79	12	Clay kankar	
11.	79 - 90*	11	Medium sand	Medium
12.	90 - 100	10	Clay kankar	

Ground Water Survey Consultancy



G.P. : *नागपुर*

Block : *AKRABAD*

District : *Aligarh*

Required : 90 LPM

300mm dia Plain Pipe : X
200mm dia Plain Pipe : 72
200mm dia Slotted Pipe : 18
90m^l

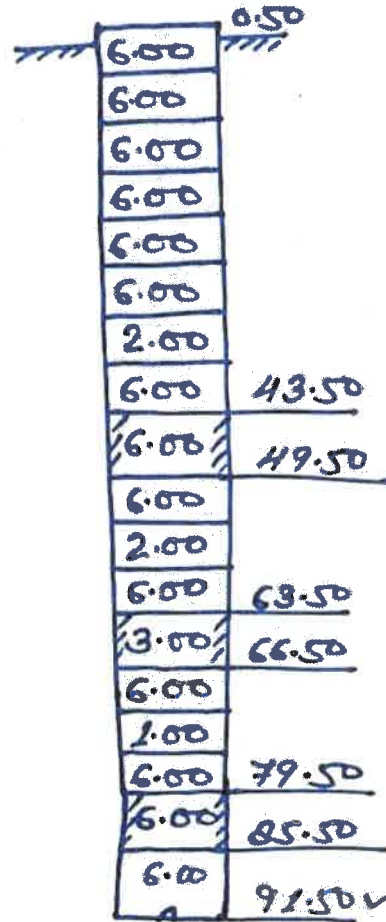
Streta :-

43-50 → 07 m^l

62-67 → 05 m^l

79-90 → 11 m^l

on Electric



300mm dia Plain Pipe : X
300X200 mm Reducer : X
200mm dia Plain Pipe : 77.00 m^l
200mm dia Slotted Pipe : 15.00 m^l
Total : 92.00 m^l