

## PROJECT - STATE WATER AND SANITATION MISSION PROJECT ETAH

### REQUEST FOR INSPECTION (RFI)

**Format No :** KPIL/232221F/00001

**RFI no:** JJM/ETAH/KPIL/

**Date :** 18/08/2023

**Contractor Name:** Kalpataru Projects International Limited

**LOA No-** 3563/W-25 (Aligarh)/2021-22 dated 07.01.2022

#### Location of Work

**District:** Etah      **Block :** Sakil      **Scheme :** GP. Waha/Bilpur

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"/>	RC <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&amp;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"/>	Panne <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 ( ) <input type="checkbox"/>	Others <input type="checkbox"/>	

**Work Description :**

Drilling work

- \* Depth of Bore = 100m
- \* Size of Bore = 500mm
- \* Types of m/c = Rig m/c
- \* Electric logging =

Purchase 23804m

**On Date :** 19/08/2023

**Time :** 10:00 AM

**Submitted By** YSHT

**Date** 18/08/2023 **Time** 8:00 PM

**Sign** YSHT

**TPI (Aarvee)**
**Received By**
**Date**
**Time**
**Sign**
**Comments :**

Drilling depth = 110mtr  
 Logging depth = 107mtr

**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 ETAH

### REQUEST FOR INSPECTION (RFI)

**Format No :** KPIL/232221F/00001

**RFI no:** JJM/ETAH/KPIL/

**Date :** 21/08/2023

**Contractor Name:** Kalpataru Projects International Limited

**LOA No-** 3563/W-25 (Aligarh)/2021-22 dated 07.01.2022

#### Location of Work

**District:** Etah      **Block :** Sikit      **Scheme :** ~~Wahidibidipur~~ Wahidibidipur

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"/>	RC <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&amp;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"/>	Panne <input type="checkbox"/>	Sloar <input type="checkbox"/>	Chlorinating Plant <input type="checkbox"/>
hting <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 ( ) <input type="checkbox"/>	Others <input type="checkbox"/>	

**Work Description :**

Tubewell work (Assembly lowering)  
 \* Assembly site - 20mm  
 \* Reground packing -  
 \* Lpm - 300

**On Date :** 22/08/2023

**Time :** 10:10 AM

**Submitted By** YSH
**Date** 21/08/23 **Time** 3:00 PM **Sign** YSH
**TPI (Aarvee)**
**Received By**
**Date**
**Time**
**Sign** YSH
**Comments :**

Total assembly = 64.00mtr  
 200mm plain pipe = 45.980mtr  
 slotted pipe = 18.02mtr

Civil Department

E&amp;M, I/C Department

<b>NAME :</b> <input type="checkbox"/> APPROVED	<b>NAME :</b> <input type="checkbox"/> APPROVED
<b>DESIG :</b> <input type="checkbox"/> APPROVED AS NOTED	<b>DESIG :</b> <input type="checkbox"/> APPROVED AS NOTED
<b>SIGN:</b> <input type="checkbox"/> REJECTED	<b>SIGN:</b> <input type="checkbox"/> REJECTED



**aarvee associates**  
architects engineers & consultants pvt. ltd.



QUALITY MANAGEMENT SYSTEM

Format No :  
KPTL/232221F/00023

DEPTH OF STARTA

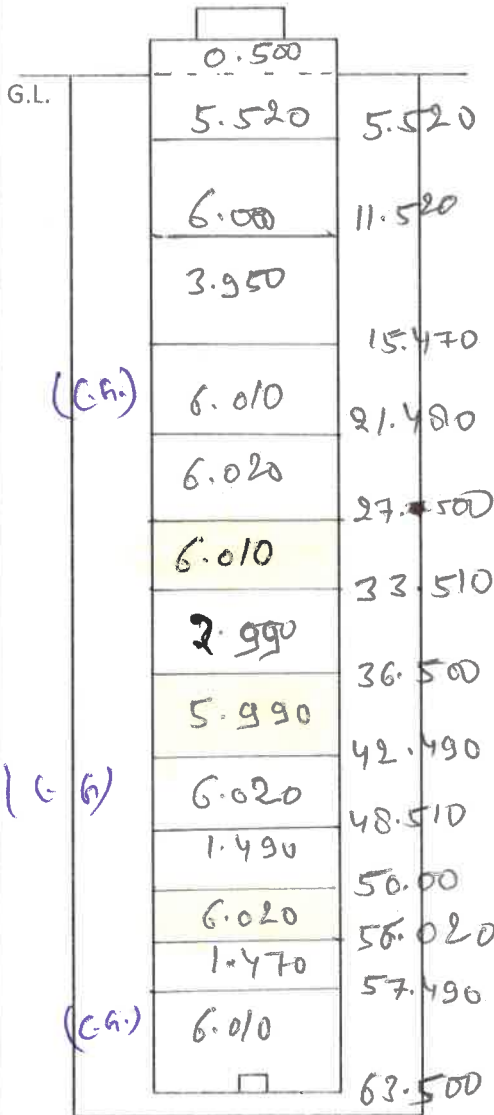
**PROPOSED ASSEMBLY DETAILS**

Block- Sakit  
GP- Wahid bibi puz

SL.	DPR Details -
	Lowering Date - <u>22/08/2023</u>
1.	Water Discharge in LPM - <u>380 LPM</u>
2.	Bore well Drilling dia- <u>500 mm</u>
3.	Bore well Drilling depth- <u>100 m</u>

**LOGGING REPORT**

Depth-	<u>107</u>	Date-	<u>19/08/2023</u>
SL.	Depth Range	Thickness	Remarks
1	<u>25-34</u>	<u>09</u>	<u>med/4m</u>
2	<u>36-43</u>	<u>07</u>	"
3	<u>50-56</u>	<u>06</u>	"
4			
5			
6			
7			
8			
9			
10			
11			



**Assembly Details**

Total Assembly = 64.000

**Proposed Assembly for Lowering**

1.	300mm dia MS Plain Pipe-	
2.	200mm dia MS Plain Pipe	<u>45.980</u>
3.	200mm dia MS Slotted Pipe-	<u>18.020m</u>
4.	200mm dia LCG Pipe -	
5.	300/200 mm dia Reducer -	
6.	MS Bail Plug-	<u>01</u>
7.	MS Ring 300mm-	
8.	MS Ring 200mm-	<u>12</u>
9.	MSSI Clamp-	<u>01</u>
10.	Centre Guide -	<u>03</u>
11.	TW Assembly Support-	<u>01</u>
12.	MS Well Cap -	<u>01</u>
13.	Pea Gravel Packing-	<u>20 cuh</u>

KPTL

TPI

CLIENT (UPJN)

Lowering work executed as per assembly chart.

G.P. : Wahid Bibipur,

Block : Sakit

District : Etah

Required : 380 LPM

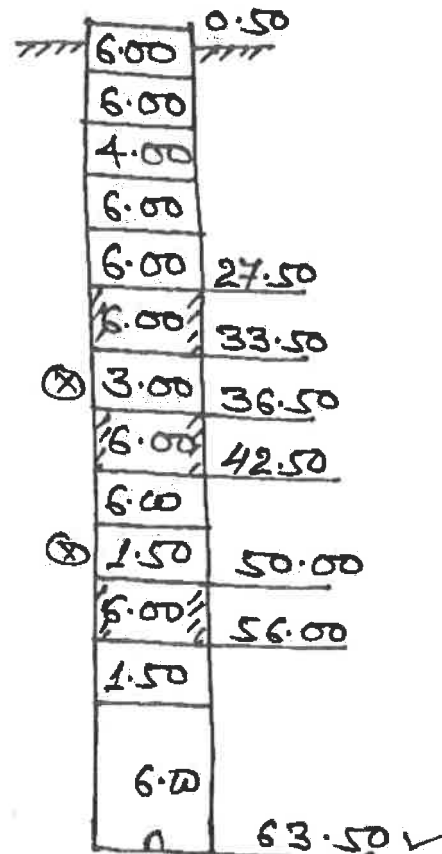
300mm dia Plain Pipe : X  
200mm dia Plain Pipe : 72  
200mm dia Slotted Pipe : 18  
90mH

Streta :-

25-34 → 09mH

36-43 → 07mH

50-56 → 06mH



300mm dia Plain Pipe : X  
300X200 mm Reducer : X  
200mm dia Plain Pipe : 46.00 mH  
200mm dia Slotted Pipe : 18.00 mH  
Total : 64.00 mH

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- WAHID BEBIPUR, BLOCK- SAKIT, DISTT- ETAH  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 107 mtrs. at above site. Was drilled by M/s Kalpataru Power Transmission limited, Etah.

On the request of M/s Kalpataru Power Transmission limited, Etah. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 19.Aug.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 = 15.71 Ohms.

Drilling Water Resistivity = 16.83 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 - 15	10	Dry sand	
3.	15 - 25	10	Clay kankar	
4.	25 - 34	9	Medium sand	Medium
5.	34 - 36	2	Clay kankar	
6.	36 - 43*	7	Fine to Medium sand	Medium
7.	43 - 50	7	Clay kankar	
8.	50 - 56*	6	Fine to Medium sand	Medium
9.	56 - 107	51	Clay kankar	

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

Ground Water Survey Consultancy  
Agra