

# M/S Afcons Infrastructure Limited, Mumbai

Regd. Office- AFCONS House, 16, Shah Industrial Estate, Veera Desai Road, Azadnagar, Andheri (W), Mumbai 400013

Under Jal Jeevan Mission, District- Jaunpur (U.P.)

Actual TW Assembly of GP - JARAHILA KALAN, SARAIYA & MAJHGAWAN KHURD TW, Block- JALALPUR, Dist. Jaunpur

## PHYSICAL STRATA

| S.No. | BGL in meter |       | Formation     |
|-------|--------------|-------|---------------|
|       | From         | to    |               |
| 1     | 0.0          | 39.0  | Clay          |
| 2     | 39.0         | 52.0  | Fine Sand     |
| 3     | 52.0         | 110.0 | Kankar        |
| 4     | 110.0        | 150.0 | F.S. + Kankar |
| 5     | 150.0        | 245.0 | M. Sand       |

## Logging Report

Date of Logging-25.08.2023

| S.No. | Depth (Mbg) |     | Thickness (m) | Expected Water Quality | Remarks |
|-------|-------------|-----|---------------|------------------------|---------|
|       | From        | to  |               |                        |         |
| 1     | 28          | 37  | 9             | Good                   |         |
| 2     | 90          | 95  | 5             | Good                   |         |
| 3     | 115         | 128 | 13            | Good                   |         |
| 4     | 155         | 173 | 18            | Good                   |         |
| 5     | 192         | 200 | 8             | Good                   |         |
| 6     | 204         | 210 | 6             | Good                   |         |
| 7     | 222         | 226 | 4             | Good                   |         |

Note:-

- Please ensure pre-monsoon wter level before lower the well assembly.

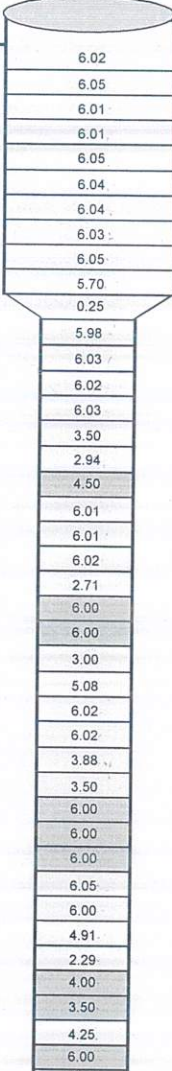
## Reaming Details

| S.No. | Date of lowering           | 30.08.2023 |
|-------|----------------------------|------------|
| 1     | Depth of bore 600mm $\phi$ | 66.00 Mtr  |
| 2     | Depth of bore 500mm $\phi$ | 179.00 Mtr |

## Pipe Lowering Details

|              |                            |                 |
|--------------|----------------------------|-----------------|
| 3            | Housing pipe 300 mm $\phi$ | 60.00 m         |
| 4            | Plane pipe 200 mm $\phi$   | 108.25 m        |
| 5            | Slotted pipe 200 mm $\phi$ | 48.00 m         |
| 6            | 300x200 mm $\phi$ Reducer  | 0.25 m          |
| <b>Total</b> |                            | <b>216.50 m</b> |

600 mm  $\phi$   
300 mm  $\phi$   
Drilling and assembly  
BGL in meter

|                                                                                     |         |               |      |
|-------------------------------------------------------------------------------------|---------|---------------|------|
|  |         | AGL 0.50      | 0.00 |
| 6.02                                                                                | H.P     | 5.52          |      |
| 6.05                                                                                | H.P     | 11.57         |      |
| 6.01                                                                                | H.P     | 17.58         |      |
| 6.01                                                                                | H.P     | 23.59         |      |
| 6.05                                                                                | H.P     | 29.64         |      |
| 6.04                                                                                | H.P     | 35.68         |      |
| 6.04                                                                                | H.P     | 41.72         |      |
| 6.03                                                                                | H.P     | 47.75         |      |
| 6.05                                                                                | H.P     | 53.80         |      |
| 5.70                                                                                | H.P     | 59.50         |      |
| 0.25                                                                                | Reducer | 59.75         |      |
| 5.98                                                                                | P.P     | 65.73         |      |
| 6.03                                                                                | P.P     | 71.76         |      |
| 6.02                                                                                | P.P     | 77.78         |      |
| 6.03                                                                                | P.P     | 83.81         |      |
| 3.50                                                                                | P.P     | 87.31         |      |
| 2.94                                                                                | P.P     | 90.25         |      |
| 4.50                                                                                | P.P     | 94.75         |      |
| 6.01                                                                                | P.P     | 100.76        |      |
| 6.01                                                                                | P.P     | 106.77        |      |
| 6.02                                                                                | P.P     | 112.79        |      |
| 2.71                                                                                | P.P     | 115.50        |      |
| 6.00                                                                                | P.P     | 121.50        |      |
| 6.00                                                                                | P.P     | 127.50        |      |
| 3.00                                                                                | P.P     | 130.50        |      |
| 5.08                                                                                | P.P     | 135.58        |      |
| 6.02                                                                                | P.P     | 141.60        |      |
| 6.02                                                                                | P.P     | 147.62        |      |
| 3.88                                                                                | P.P     | 151.50        |      |
| 3.50                                                                                | P.P     | 155.00        |      |
| 6.00                                                                                | P.P     | 161.00        |      |
| 6.00                                                                                | P.P     | 167.00        |      |
| 6.00                                                                                | P.P     | 173.00        |      |
| 6.05                                                                                | P.P     | 179.05        |      |
| 6.00                                                                                | P.P     | 185.05        |      |
| 4.91                                                                                | P.P     | 189.96        |      |
| 2.29                                                                                | P.P     | 192.25        |      |
| 4.00                                                                                | P.P     | 196.25        |      |
| 3.50                                                                                | P.P     | 199.75        |      |
| 4.25                                                                                | P.P     | 204.00        |      |
| 6.00                                                                                | P.P     | 210.00        |      |
| 6.00                                                                                | P.P     | 216.00        |      |
| <b>Bail Plug</b>                                                                    |         | <b>245.00</b> |      |

200 mm  $\phi$   
500 mm  $\phi$

(Signature)  
Company Repre.

M/S Afcons Infrastructure Ltd  
Jaunpur (U.P.)

(Signature)  
TPIA

Medhaj Techno Concept Pvt. Ltd., Jaunpur

(Signature)  
(Aditya Singh)  
Junior Engineer

(Signature)  
(Sudhakhshu Singh)  
Assistant Engineer - SWSM

(Signature)  
(Adarsh Verma)  
Exe. Engineer

Division Office (E&M), U.P. Jal Nigam (Rural), Varanasi

**REPORT ON GEOPHYSICAL WELL LOGGING**  
**AT**  
**GRAM PANCHAYAT- MAJHIGAWAN KIHURD, BLOCK- JALALPUR, DISTT- JAUNPUR**  
**UNDER**  
**JAL JIVAN MISSION**

**Introduction :**

A Deep bore hole was drilled 260 mtrs. depth. and Logged depth 245 mtrs. at above site. Was drilled by M/S Afcons Infrastructure Pvt. Ltd. Jaunpur

On the request of M/S Afcons Infrastructure Pvt. Ltd. Jaunpur. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 25.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 = 22.03 Ohms.

Drilling Water Resistivity = 10.67 Ohms.

Approx Water Level = 15 Mtr

| S.No. | Depth range(m) | Thickness(m) | Lithology           | Expected Water Quality |
|-------|----------------|--------------|---------------------|------------------------|
| 1.    | 28 - 37        | 9            | Medium sand         | Good                   |
| 2.    | 90 - 95        | 5            | Fine to Medium sand | Good                   |
| 3.    | 115 - 128      | 13           | Fine to Medium sand | Good                   |
| 4.    | 155 - 173      | 18           | Medium sand         | Good                   |
| 5.    | 192 - 200      | 8            | Medium sand         | Good                   |
| 6.    | 204 - 210      | 6            | Medium sand         | Good                   |
| 7.    | 222 - 226      | 4            | Medium sand         | Good                   |

Note : 1. Please ensure pre-monsoon water level before lower the well assembly

  
Geophysicist

Project Details:-Jal Jeevan Mission - Empanelment of Survey, Design, Preparation of DPR, Construction, Commissioning and O&M for 10 Years of Various Rural Water Supply Projects in the State of Uttar Pradesh as per Request for Proposal for Division - Varanasi, District - Jaunpur.

| LOG SHEET FOR COMPRESSOR DURING DEVELOPMENT OF TUBEWELL |           |             |             |                    |                      |                         |         |  |  |
|---------------------------------------------------------|-----------|-------------|-------------|--------------------|----------------------|-------------------------|---------|--|--|
| NAME OF TUBEWELL                                        |           |             |             |                    |                      |                         |         |  |  |
| BLOCK                                                   |           |             |             |                    |                      |                         |         |  |  |
| DISTRICT                                                |           |             |             |                    |                      |                         |         |  |  |
| DEPTH OF TUBEWELL                                       |           |             |             |                    |                      |                         |         |  |  |
| CAPACITY OF COMPRESSOR                                  |           |             |             |                    |                      |                         |         |  |  |
| JARAHILA KALAN, SARAIYA & MAJHGAWAN KHURD               |           |             |             |                    |                      |                         |         |  |  |
| KERAKAT                                                 |           |             |             |                    |                      |                         |         |  |  |
| JALALPUR                                                |           |             |             |                    |                      |                         |         |  |  |
| DPR                                                     |           |             |             |                    |                      |                         |         |  |  |
| 600 PSI                                                 |           |             |             |                    |                      |                         |         |  |  |
| ACTUAL                                                  |           |             |             |                    |                      |                         |         |  |  |
| 216.0 Mtr                                               |           |             |             |                    |                      |                         |         |  |  |
| Sr. No                                                  | Date      | Start Time  | End Time    | Total Running Hour | Per day Running Hour | Cumulative Running Hour | Remarks |  |  |
| 1                                                       | 05-Sep-23 | 7:45:00 AM  | 11:30:00 AM | 03:45              | 06:40                | 6:40                    |         |  |  |
|                                                         |           | 12:40:00 PM | 3:35:00 PM  | 02:55              |                      |                         |         |  |  |
| 2                                                       | 06-Sep-23 | 5:15:00 AM  | 10:30:00 AM | 05:15              | 09:55                | 16:35                   |         |  |  |
|                                                         |           | 4:10:00 PM  | 6:30:00 PM  | 02:20              |                      |                         |         |  |  |
|                                                         |           | 7:10:00 PM  | 9:30:00 PM  | 02:20              |                      |                         |         |  |  |
| 3                                                       | 07-Sep-23 | 6:13:00 AM  | 9:45:00 AM  | 03:32              | 08:57                | 25:32                   |         |  |  |
|                                                         |           | 3:20:00 PM  | 5:45:00 PM  | 02:25              |                      |                         |         |  |  |
|                                                         |           | 5:50:00 PM  | 8:50:00 PM  | 03:00              |                      |                         |         |  |  |
| 4                                                       | 08-Sep-23 | 2:00:00 PM  | 5:30:00 PM  | 03:30              | 07:05                | 32:37                   |         |  |  |
|                                                         |           | 5:45:00 PM  | 9:20:00 PM  | 03:35              |                      |                         |         |  |  |
|                                                         |           | 6:10:00 AM  | 10:08:00 AM | 03:58              |                      |                         |         |  |  |
| 5                                                       | 09-Sep-23 | 1:00:00 PM  | 5:30:00 PM  | 04:30              | 11:53                | 44:30                   |         |  |  |
|                                                         |           | 5:45:00 PM  | 9:10:00 PM  | 03:25              |                      |                         |         |  |  |



**Afcons**



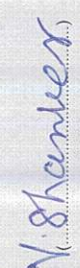
**TPIA (MTCPL)**



**UPJN**

| Project Details:-Jal Jeevan Mission - Empanelment of Survey, Design, Preparation of DPR, Construction, Commissioning and O&M for 10 Years of Various |           |                                           |             |                    |                      |                         |         |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------|-------------|--------------------|----------------------|-------------------------|---------|--|--|
| LOG SHEET FOR OP UNIT DURING DEVELOPMENT OF TUBEWELL                                                                                                 |           |                                           |             |                    |                      |                         |         |  |  |
| NAME OF TUBEWELL                                                                                                                                     |           | JARAHILA KALAN, SARAIYA & MAJHGAWAN KHURD |             |                    |                      |                         |         |  |  |
| BLOCK                                                                                                                                                |           | JALALPUR                                  |             |                    |                      |                         |         |  |  |
| DISTRICT                                                                                                                                             |           | Jaunpur                                   |             |                    |                      |                         |         |  |  |
| DEPTH OF TUBEWELL                                                                                                                                    |           |                                           |             |                    |                      |                         |         |  |  |
| CAPACITY OF OP UNIT                                                                                                                                  |           | 3 Cusec                                   |             |                    |                      |                         |         |  |  |
|                                                                                                                                                      |           | Actual - 216.0 Mtr.                       |             |                    |                      |                         |         |  |  |
| Sr. No                                                                                                                                               | Date      | Start Time                                | End Time    | Total Running Hour | Per day Running Hour | Cumulative Running Hour | Remarks |  |  |
| 1                                                                                                                                                    | 12-Sep-23 | 10:00:00 AM                               | 12:05:00 PM | 02:05              | 07:50                | 7:50                    |         |  |  |
|                                                                                                                                                      |           | 1:00:00 PM                                | 2:30:00 PM  | 01:30              |                      |                         |         |  |  |
|                                                                                                                                                      |           | 2:45:00 PM                                | 7:00:00 PM  | 04:15              |                      |                         |         |  |  |
| 2                                                                                                                                                    | 13-Sep-23 | 9:00:00 AM                                | 9:00:00 AM  | 00:00              | 08:50                | 16:40                   |         |  |  |
|                                                                                                                                                      |           | 10:40:00 AM                               | 3:20:00 PM  | 04:40              |                      |                         |         |  |  |
|                                                                                                                                                      |           | 6:10:00 PM                                | 10:20:00 PM | 04:10              |                      |                         |         |  |  |
| 3                                                                                                                                                    | 14-Sep-23 | 6:00:00 AM                                | 9:15:00 AM  | 03:15              | 11:10                | 27:50                   |         |  |  |
|                                                                                                                                                      |           | 11:50:00 AM                               | 3:50:00 PM  | 04:00              |                      |                         |         |  |  |
|                                                                                                                                                      |           | 6:00:00 PM                                | 9:55:00 PM  | 03:55              |                      |                         |         |  |  |
| 4                                                                                                                                                    | 15-Sep-23 | 9:00:00 AM                                | 9:18:00 AM  | 00:18              | 08:15                | 36:05                   |         |  |  |
|                                                                                                                                                      |           | 10:30:00 AM                               | 11:42:00 AM | 01:12              |                      |                         |         |  |  |
|                                                                                                                                                      |           | 1:00:00 PM                                | 7:45:00 PM  | 06:45              |                      |                         |         |  |  |
| 5                                                                                                                                                    | 16-Sep-23 | 7:00:00 AM                                | 10:00:00 AM | 03:00              | 11:50                | 47:55                   |         |  |  |
|                                                                                                                                                      |           | 10:30:00 AM                               | 1:40:00 PM  | 03:10              |                      |                         |         |  |  |
|                                                                                                                                                      |           | 2:00:00 PM                                | 7:40:00 PM  | 05:40              |                      |                         |         |  |  |
| 6                                                                                                                                                    | 17-Sep-23 | 7:00:00 AM                                | 10:10:00 AM | 03:10              | 11:35                | 59:30                   |         |  |  |
|                                                                                                                                                      |           | 10:30:00 AM                               | 1:40:00 PM  | 03:10              |                      |                         |         |  |  |
|                                                                                                                                                      |           | 2:30:00 PM                                | 7:45:00 PM  | 05:15              |                      |                         |         |  |  |
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|                                                                                                                                                      |           |                                           |             |                    |                      |                         |         |  |  |

| M/S Afcons Infrastructure Limited                                                                                                                       |                                |                  |                       |                                                                                                                            |                                              |                        |      |                                                                                                                               |             |                        |              |                                                                                                                        |                                                  |        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------|------|-------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------|--------------|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------|
| Regd Office: AFCONS House, 16, Shah Industrial Estate, Veera Desai Road, Azadnagar, Andheri (W), Mumbai - 400 053                                       |                                |                  |                       |                                                                                                                            |                                              |                        |      |                                                                                                                               |             |                        |              |                                                                                                                        |                                                  |        |
| Under Jal Jivan Mission, District- Jaunpur (U.P.)                                                                                                       |                                |                  |                       |                                                                                                                            |                                              |                        |      |                                                                                                                               |             |                        |              |                                                                                                                        |                                                  |        |
| JARAHLA KALAN, SARAIYA & MAJHGAWAN KHURD TW, Block - JALALPUR, District- Jaunpur by air compressor under JJM- III                                       |                                |                  |                       |                                                                                                                            |                                              |                        |      |                                                                                                                               |             |                        |              |                                                                                                                        |                                                  |        |
| RPM-1600                                                                                                                                                |                                |                  |                       |                                                                                                                            |                                              |                        |      |                                                                                                                               |             |                        |              |                                                                                                                        |                                                  |        |
| Discharge by-90 'V' notch (Rectangular)                                                                                                                 |                                |                  |                       |                                                                                                                            |                                              |                        |      |                                                                                                                               |             |                        |              |                                                                                                                        |                                                  |        |
| Date: 09-09-2023                                                                                                                                        |                                |                  |                       |                                                                                                                            |                                              |                        |      |                                                                                                                               |             |                        |              |                                                                                                                        |                                                  |        |
| S.N.                                                                                                                                                    | Pressure in kg/cm <sup>2</sup> |                  | Depression            |                                                                                                                            | Depth of air line at the time of testing (m) | Discharge by 'V' Notch |      |                                                                                                                               |             | Sand content in P.P.M. |              |                                                                                                                        |                                                  | Remark |
|                                                                                                                                                         | Starting Pressure              | Running Pressure | In kg/cm <sup>2</sup> | In mtr.                                                                                                                    |                                              | Inch                   | LPM  | At start                                                                                                                      | After 5 min | After 10 min           | After 15 min | After 20 min                                                                                                           |                                                  |        |
| 1                                                                                                                                                       | 19.70                          | 19.10            | 0.60                  | 6.00                                                                                                                       | 210                                          | 10.50                  | 3042 | 9400                                                                                                                          | 7900        | 7300                   | 6500         | 5500                                                                                                                   | Recommended further for development by O.P. Unit |        |
| 2                                                                                                                                                       | 15.50                          | 15.00            | 0.50                  | 5.00                                                                                                                       | 168                                          | 9.25                   | 2215 | 8400                                                                                                                          | 7600        | 6000                   | 5100         | 4300                                                                                                                   |                                                  |        |
| 3                                                                                                                                                       | 8.00                           | 7.55             | 0.45                  | 4.50                                                                                                                       | 93                                           | 7.75                   | 1424 | 7000                                                                                                                          | 6000        | 5200                   | 4500         | 3800                                                                                                                   |                                                  |        |
| Testing carried out in presence of following officials                                                                                                  |                                |                  |                       |                                                                                                                            |                                              |                        |      |                                                                                                                               |             |                        |              |                                                                                                                        |                                                  |        |
| <br>(.....)<br>Company Repre.<br>M/s Afcons Infrastructure Limited |                                |                  |                       | <br>(Aditya Singh)<br>Junior Engineer |                                              |                        |      | <br>(Sudhanshu Singh)<br>Assistant Engineer |             |                        |              | <br>(Adarsh Verma)<br>Exe. Engineer |                                                  |        |
| Division Office (E&M), U.P. Jal Nigam (Rural), Varanasi                                                                                                 |                                |                  |                       |                                                                                                                            |                                              |                        |      |                                                                                                                               |             |                        |              |                                                                                                                        |                                                  |        |

| <b>M/S Afcons Infrastructure Limited</b><br>Regd Office: AFCONS House, 16, Shah Industrial Estate, Veera Desai Road, Azadnagar, Andheri (W), Mumbai - 400 053<br>Under Jal Jivan Mission, District- Jaunpur (U.P.) |           |      |                                                                                                                                         |                                                                                                            |                                                                                                                          |             |                                                                                                                                       |              |                                                                                                                      |                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| Yield Test Report of:                                                                                                                                                                                              |           |      |                                                                                                                                         | JARAHLA KALAN, SARAIYA & MAJHGAWAN KHURD TW, Block - JALALPUR, District- Jaunpur by OP UNIT under JJM- III |                                                                                                                          |             |                                                                                                                                       |              |                                                                                                                      |                                                  |
| Size of Orifice:- 6" x 5"                                                                                                                                                                                          |           |      |                                                                                                                                         | Column Pipe Lowered: 30.00                                                                                 |                                                                                                                          |             |                                                                                                                                       |              |                                                                                                                      |                                                  |
| Static Watert Level (m):- 13                                                                                                                                                                                       |           |      |                                                                                                                                         | Date: 17-09-2023                                                                                           |                                                                                                                          |             |                                                                                                                                       |              |                                                                                                                      |                                                  |
| S.N.                                                                                                                                                                                                               | Discharge |      | Running Water Level (m)                                                                                                                 | Depression (m)                                                                                             | Sand content in P.P.M.                                                                                                   |             |                                                                                                                                       |              |                                                                                                                      | Remark                                           |
|                                                                                                                                                                                                                    | Inch      | LPM  |                                                                                                                                         |                                                                                                            | At start                                                                                                                 | After 5 min | After 10 min                                                                                                                          | After 15 min | After 20 min                                                                                                         |                                                  |
| 1                                                                                                                                                                                                                  | 41.00     | 2990 | 18.40                                                                                                                                   | 5.40                                                                                                       | 900                                                                                                                      | 500         | 250                                                                                                                                   | 100          | TR                                                                                                                   | Recommended 1320.00 LPM with 3.60 m. depression. |
| 2                                                                                                                                                                                                                  | 23.50     | 2233 | 17.40                                                                                                                                   | 4.40                                                                                                       | 100                                                                                                                      | 80          | TR                                                                                                                                    | TR           | TR                                                                                                                   | First run is bypass upto sand free discharge.    |
| 3                                                                                                                                                                                                                  | 8.00      | 1325 | 16.60                                                                                                                                   | 3.60                                                                                                       | TR                                                                                                                       | TR          | CL                                                                                                                                    | CL           | CL                                                                                                                   |                                                  |
| Testing carried out in presence of following officials                                                                                                                                                             |           |      |                                                                                                                                         |                                                                                                            |                                                                                                                          |             |                                                                                                                                       |              |                                                                                                                      |                                                  |
| <br>Company Repre.<br>M/s Afcons Infrastructure Limited                                                                         |           |      | <br>TPIA<br>Medhaj Techno Concept Pvt. Ltd., Jaunpur |                                                                                                            | <br>(Aditya Singh)<br>Junior Engineer |             | <br>(Sudhanshu Singh)<br>Assistant Engineer, S.W.S.M |              | <br>(Adarsh Verma)<br>Exe. Engineer |                                                  |
| Assistant Engineer<br>Divisional Office Jaunpur                                                                                                                                                                    |           |      | Division office (E&M), U.P. Jal Nigam (Rural), Varanasi                                                                                 |                                                                                                            |                                                                                                                          |             |                                                                                                                                       |              |                                                                                                                      |                                                  |

**JARAHILA KALAN, SARAIYA & MAJHGAWAN KHURD VILLAGE WATER SUPPLY SCHEME**  
**STATE WATER AND SANITATION MISSION**  
**UNDER- JAL JEEVAN MISSION PROGRAMME**  
**BLOCK - JALALPUR, TEHSIL - KERAKAT, DISTRICT - JAUNPUR**  
**Estimate of Cost of Tubewell construction**

|        |               | Drilling Depth - 250 m                                                                                                                                                                              |    |     |                       |      |             | Amount (In Rs.) | Remarks |
|--------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-----|-----------------------|------|-------------|-----------------|---------|
|        |               | Lowering Depth 225 m                                                                                                                                                                                |    |     |                       |      |             |                 |         |
|        |               | Discharge 1320 LPM                                                                                                                                                                                  |    |     | Motor Capacity -25 HP |      |             |                 |         |
|        |               | Head 44 m                                                                                                                                                                                           |    |     | Assembly - 300 x 200  |      |             |                 |         |
| Sl No. | SOR Reference | Item of work                                                                                                                                                                                        | No | Qty | Rate (In Rs)          | Unit |             |                 |         |
| 1      |               | DC/RC drilling including hiring transportation, erection , dismantalling with loading and unloading of rig and associated T&P complete in all respect including req. all material labour & T&P etc. |    |     |                       |      |             |                 |         |
| 1.2    |               | DC/RC Drilling up to 100Mtr.                                                                                                                                                                        |    |     |                       |      |             |                 |         |
| 1.2.1  | 2.04          | 600 MMØ                                                                                                                                                                                             | 1  | 66  | 3,246.22              | Rmt  | 2,14,250.52 |                 |         |
| 1.2.2  | 2.03          | 500 MMØ                                                                                                                                                                                             | 1  | 34  | 2,721.00              | Rmt  | 92,514.00   |                 |         |
| 1.2.3  | 2.02          | 450 MMØ                                                                                                                                                                                             | 1  | 0   | 2,458.39              | Rmt  | 0.00        |                 |         |
| 1.3    |               | DC/RC Drilling from 101 MT. To 200 Mtr.Deep                                                                                                                                                         |    |     |                       |      |             |                 |         |
| 1.3.1  | 2.08          | 600 MMØ                                                                                                                                                                                             | 1  | 0   | 3,556.96              | Rmt  | 0.00        |                 |         |
| 1.3.2  | 2.07          | 500 MMØ                                                                                                                                                                                             | 1  | 100 | 3,038.00              | Rmt  | 3,03,800.00 |                 |         |
| 1.3.2  | 2.06          | 450 MMØ                                                                                                                                                                                             | 1  | 0   | 2,778.52              | Rmt  | 0.00        |                 |         |
| 1.4    |               | DC/RC Drilling from 201 Mtr. To 300 Mtr.Deep                                                                                                                                                        |    |     |                       |      |             |                 |         |
| 1.4.1  | 2.12          | 600 MMØ                                                                                                                                                                                             | 1  | 0   | 3,777.16              | Rmt  | 0.00        |                 |         |
| 1.4.2  | 2.11          | 500 MMØ                                                                                                                                                                                             | 1  | 50  | 3,368.00              | Rmt  | 1,68,400.00 |                 |         |
| 1.4.3  | 2.10          | 450 MMØ                                                                                                                                                                                             | 1  | 0   | 3,163.42              | Rmt  | 0.00        |                 |         |
|        |               | DC/RC Drilling from 301 Mtr. To 400 Mtr.Deep & above                                                                                                                                                |    |     |                       |      |             |                 |         |
|        | 2.16          | 600 MMØ                                                                                                                                                                                             | 1  | 0   | 4,322.04              | Rmt  | 0.00        |                 |         |
|        | 2.15          | 500 MMØ                                                                                                                                                                                             | 1  | 0   | 3,912.87              | Rmt  | 0.00        |                 |         |
|        | 2.14          | 450 MMØ                                                                                                                                                                                             | 1  | 0   | 3,708.29              | Rmt  | 0.00        |                 |         |
| 1.5    | 2.22          | Development / Flushing of tubewell                                                                                                                                                                  | 1  | 0   | 2,900.00              | Hrs  | 0.00        |                 |         |
| 1.6    | 3.00          | Tube Well Assembly                                                                                                                                                                                  |    |     |                       |      |             |                 |         |
| 1.6.1  |               | MSERW plain pipe, As per IS 4270                                                                                                                                                                    |    |     |                       |      |             |                 |         |
| 1.0    | 3.04          | 300 MMØ                                                                                                                                                                                             | 1  | 60  | 3,990.00              | Rmt  | 2,39,400.00 |                 |         |
| b      | 3.03          | 200 MMØ                                                                                                                                                                                             | 1  | 117 | 2,550.00              | Rmt  | 2,98,350.00 |                 |         |
| c      | 3.02          | 150 MMØ                                                                                                                                                                                             | 1  | 0   | 2,000.00              | Rmt  | 0.00        |                 |         |
| 1.6.2  |               | MSERW Pipe slotted pipe as per IS 8110                                                                                                                                                              |    |     |                       |      |             |                 |         |
| a      | 3.05          | 100 MMØ                                                                                                                                                                                             | 1  | 0   | 1,570.00              | Rmt  | 0.00        |                 |         |
|        | 3.06          | 150 MMØ                                                                                                                                                                                             | 1  | 0   | 3,080.00              | Rmt  | 0.00        |                 |         |
|        | 3.07          | 200 MMØ                                                                                                                                                                                             | 1  | 48  | 3,945.00              | Rmt  | 1,89,360.00 |                 |         |
|        |               | MS Rings                                                                                                                                                                                            |    |     |                       |      |             |                 |         |
|        | 3.09          | 100 mm Ø MS, RING made by 150mm x 12mm flat                                                                                                                                                         | 1  | 0   | 1,000.00              | NOS. | 0.00        |                 |         |
|        | 3.10          | 150 mm Ø MS, RING made by 150mm x 12mm flat                                                                                                                                                         | 1  | 0   | 1,270.00              | NOS. | 0.00        |                 |         |
|        | 3.11          | 200 mm Ø MS, RING made by 150mm x 12mm flat                                                                                                                                                         | 1  | 27  | 1,600.00              | NOS. | 43,200.00   |                 |         |
| 1.6.3  | 3.12          | 300 mm Ø MS, RING made by 150mm x 16mm flat                                                                                                                                                         | 1  | 10  | 2,070.00              | NOS. | 20,700.00   |                 |         |
|        |               | MS Bail PLUG as PER IS 2800                                                                                                                                                                         |    |     |                       |      |             |                 |         |
|        | 3.13          | 100 MMØ M.S Bail PLUG                                                                                                                                                                               | 1  | 0   | 1,500.00              | NOS. | 0.00        |                 |         |
|        | 3.14          | 150 MMØ M.S Bail PLUG                                                                                                                                                                               | 1  | 0   | 1,725.00              | NOS. | 0.00        |                 |         |
|        | 3.15          | 200 MMØ M.S Bail PLUG                                                                                                                                                                               | 1  | 1   | 2,070.00              | NOS. | 2,070.00    |                 |         |
|        | 3.16          | 300 MMØ M.S Bail PLUG                                                                                                                                                                               | 1  | 0   | 3,000.00              | NOS. | 0.00        |                 |         |