

## TUBEWELL'S DRILLING AND LOWERING DETAILS

|   |                        |   |                                                                                                                                                       |
|---|------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Project                | : | Survey Design, Preparation of DPR, Construction, Commissioning, Testing & O&M for 10 years of Various Rural Water Supply Projects for Distt. Sambhal. |
| 2 | Client                 | : | M/s State Water & Sanitation Mission (SWSM) Uttar Pradesh                                                                                             |
| 3 | Contractor             | : | M/s NKG Infrastructure Ltd., New Delhi                                                                                                                |
| 4 | Name of Gram Panchayat | : | Chirvira                                                                                                                                              |
| 5 | Name of Block          | : | Junawai                                                                                                                                               |
| 6 | Name of District       | : | Sambhal                                                                                                                                               |
| 7 | Size of tubewell       | : | 200 X 150 mm dia                                                                                                                                      |

|    |                           |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----|---------------------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |                           |            | <div style="display: flex; justify-content: center; align-items: center;"> <div style="width: 100px; border-bottom: 1px solid black; margin: 0 5px;"></div> 500mm </div> <div style="display: flex; justify-content: center; align-items: center;"> <div style="width: 100px; border-bottom: 1px solid black; margin: 0 5px;"></div> 200mm </div> <div style="display: flex; justify-content: space-around; width: 100%;"> <span>Drilling and lowering</span> <span>Depth in meter</span> </div>                                                                                                                                                                                                                                                                 |
| 1  | Size of bore 500 mm       | 55.00 m    | <div style="display: flex; align-items: center;"> <div style="width: 150px; border: 1px solid black; position: relative;"> <div style="position: absolute; top: -10px; left: 50%; transform: translateX(-50%);">0.50 AGL</div> <div style="position: absolute; bottom: -10px; left: 50%; transform: translateX(-50%);">0.20</div> </div> <div style="margin-left: 10px;"> <div style="border: 1px solid black; width: 100px; height: 100px; position: relative;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; background: linear-gradient(to bottom, transparent 49%, black 49%, black 51%, transparent 51%); background-size: 100% 100%; background-position: center; background-repeat: repeat-y;"></div> </div> </div> </div> |
| 2  | Size of bore 450 mm       | 85.00 m    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 3  | Drilling depth            | 140.00 m   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 4  | Housing pipe 200 mm       | 48.00 m    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 5  | Slotted pipe 150 mm       | 15.00 m    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 6  | Plain pipe 150 mm         | 66.00 m    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 7  | Reducer 200X150 mm        | 0.20 m     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 8  | Total assembly lowered    | 129.20 m   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 9  | AGL                       | 0.50 m     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 10 | BGL                       | 128.70 m   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 11 | Date of drilling start    | 07-07-2023 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 12 | Date of drilling complete | 11-07-2023 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 13 | Date of lowering complete | 12-07-2023 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

