**Ministry of Education**

**Sector: - Water Resource**

**Occupation: Groundwater Utilization L-III**

**Consumable materials to be used:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Item description** | **Quantity** | **Unit** | **Specification** |
| 1 |  Paper | 8 | pcs | A4 |
| 2 | Pencil | 1 | pcs |  |
| 3 | Hard Paper (carton) | 1\*2 | m |  |
| 4 | Plastic pipe | 0.6 | m | PVC with diameter >15cm |
| 5 | Aggregate | 0.4 | m3 |  Any available |
| 6 | Sand | 0.2 | m3 |  Any available |
| 7 | Cement | 0.1 | m3 |  Any available |
| 8 | Different types of soil |  | m3 |  |
| 9 | Water |  | L |  |
| 10 | saline water | 0.5 | Liter |  |
| 11 | distilled water | 0.5 | Liter |  |
| 12 | tap water | 1 | Liter |  |
| 13 | alcohol | 0.1 | Liter |  |
| 14 | soap | 1 | pcs |  |
| 15 | detergents | 1 | pcs |  |
| 16 | protective eyewear | 1 | pcs |  |

**Tools & equipment/ Instruments**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Item description | Quantity | Unit | Specification |
| 1 | Stop watch | 1 | pcs | digital |
| 2 | Flow meter | 1 | pcs |  |
| 3 | quality evaluating equipments | All | pcs | All Available |

**Note**: Materials and tools may be modified by the Assessor, depending on the actual job performed, and location & the standard water construction practices of the country.