**Ministry of Education**

**Sector: Agriculture**

**Sub-sector: Natural Resources Conservation**

**Occupation: Soil and Water Conservation Level-III**

**Materials to be used:**

|  |  |  |
| --- | --- | --- |
| **Quantity** | **Item description** | **Specification** |
| Per candidate | Pen | Lexi-5 or fixer |
| Per candidate | pencils | HB |
| Per candidate | Paper | 4A |
| 5 | GPS | Garmin |
| 10 | Line level |  |
| 55m(5) | Rope | Plastic rope |
| 100m | Meter |  |
| 5 | Clinometer |  |
| Per candidate | hoe |  |
| Number | All other farm materials |  |
| 2 pcs | Range pole/wooden pole | Plastic ( flush type) |
| 1 pc | Pegs | 15A, 2-gang, flush type |
| Meter cube | Stone |  |
| Number | Grass (elephant grass, vetver grass) |  |
| Tools & Instruments: | |  |
| 1. GPS 2. Clinometers 3. Meter 4. Line level 5. Range pole | |  |

Note: Materials and tools may be modified by the Assessor, depending on the actual job performed, and location & the standard structure design practices of the country

**Materials and supplies (Consumable)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Items** | **Qty** | **Unit** | **Specification** |
| 1 | Peg | 12 | pcs | Wooden and sharpened |
| 2 | String/rope | 25 | meters | Plastic |
| 3 | GPS | 1 | pcs | Garmin |
| 4 | Meter | 1 | pcs | 50 m long |
| 5 | Hammer | 1 | pcs | Metal |
| 6 | Shovel | 1 | pcs | metal |
| 7 | Rack | 1 | pcs | metal |
| 8 | Pick ax | 1 | pcs | Metal |
| 9 | 2 meter graduated poles | 2 | Pcs | Wooden |
| 10 | Line level | 1 | Pcs | With air bubble |
| 11 | Maize | 0.25 | kg | clean |
| 12 | Grass cuttings | 1 | cuttings | vetiver |

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

**Materials and Supplies (Consumable)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Items** | **Qty** | **Unit** | **Specification** |
| 1 | Peg | 10 | pcs | Wooden and sharpened |
| 2 | String/rope | 10 | meters | Plastic |
| 3 | Paper | 1 | rim |  |
| 4 | Pen | 1 | pc |  |
| 5 | Pencil | 1 | pc |  |

**Tools & Equipment**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Items** | **Qty** | **Unit** | **Specification** |
| 1 | A-frame | 1 | pc |  |
| 2 | Shovel | 1 | pc |  |
| 3 | Spade | 1 | pc |  |
| 4 | Meter | 1 | pc |  |
| 5 | Compactors | 1 | pc | Wooden |

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