**Ministry of Education**

**Sector: - Agriculture**

**Sub Sector: - Agricultural Technology**

**Occupation: Farm Machinery and Equipment Operation Support Work L- I**

**Consumable materials to be used:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Item description | Quantity | Unit | Specification |
|  | * Wooden pegs | 4 | Pcs |  |
|  | * Nylon Rope | 100 | meter |  |
|  | * Maize seed | 5 | Kg |  |
|  | * Wheat seed | 5 | Kg |  |
|  | * DAP fertilizer | 5 | Kg | DAP |
|  | * Marking flags | 4 | Pcs | colures |
|  | * PP bags, 50kg | 3 | Pcs |  |
|  | * Diesel fuel | 5 | Lt |  |
|  | * Maize comb | 100 | Kg |  |
|  | * Cleaning broom | 1 | pcs |  |
|  | * Cleaning towel | 4 | pcs |  |
|  | * Water | 100 | Lt |  |
|  | * Diesel fuel | 5 | Lt |  |
|  | * Cleaning broom | 1 | pcs |  |
|  | * Cleaning towel | 4 | pcs |  |
|  | * Grease | 0.5 | Kg | For bearing |
|  | * Water | 100 | Lt |  |
|  | * Engine oil | 1 | Lt |  |

**Tools & equipment/ Instruments**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | Item description | | Quantity | Unit | Specification |
|  | | hacksaws | 1 | Set |  |
|  | | Volume measuring device/ scaled can, 1Lit | 1 | Pc | Standard |
|  | | Hammer | 1 | Pc | Medium metal |
|  | | Standard tool box | 1 | Pc | standard |
|  | | chisels | 2 | Pc | Medium, metal |
|  | | Tire pressure gauge | 1 | Pc |  |
|  | | Measuring tape | 1 | Pc | 50m, plastic |
|  | | Hygrometer, | 1 | Pc | Standard |
|  | | Eye goggles | 1 | Pcs | Medium size |
|  | | Rubber gloves | 1 | pair | Standard for chemical use |
|  | | Respirator | 1 | Pc | Standard for chemical use |
|  | | Rubber Apron | 1 | Pc | Standard for chemical use |
|  | | Rubber boot | 1 | pair | Standard for chemical use |
|  | | Grease gun | 1 | Pc | Standard |
|  | | Water bucket | 2 | Pc | Plastic, 20lit |
|  | | Knapsack sprayer | 1 | Pc | 20lit, manual |
|  | | Tractor | 1 | Pc | 40HP-50HP- 4WD |
|  | | Disc plough | 1 | Pc | 3 bottom light duty |
|  | | Disc harrow | 1 | Pc | Compatible with the above tractor |
|  | | Ridger | 1 | Pc | 3 furrow |
|  | | Row planter with fertilizer hopper | 1 | Pc | 3 row |
|  | | Seed drill | 1 | Pc | 10-12 row |
|  | | Fertilizer/seed broadcaster | 1 | Pc | 100kg hopper capacity |
|  | | Maize sheller | 1 | Pc | Diesel powered/PTO driven, 30qt/hr |
|  | | Beam balance | 1 | Pc | 10kg capacity |
|  | | Funnel | 1 | Pc | Medium |
|  | | Trailer | 1 | Pc | 2 ton, double axle |
|  | | Steel ruler | 1 | Pc | 50cm length |
|  | | Tractor | 1 | Pc | 40HP-50HP- 4WD |
|  | | Water bucket | 2 | Pc | Plastic, 20lit |
|  | | Voltmeter | 1 | Pc | Standard |
|  | | Hygrometer, | 1 | Pc | Standard |
|  | | Standard tool box | 1 | Pc | standard |
|  | | Tire pressure gauge | 1 | Pc |  |
| 1. 18 | | Tractor | 1 | Pc | 40HP-50HP- 4WD |
| 1. 16 | | Water bucket | 2 | Pc | Plastic, 20lit |
| 1. 8 | | Voltmeter | 1 | Pc | Standard |
| 1. 9 | | Hygrometer, | 1 | Pc | Standard |

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