**Ministry of Education**

**Sector: - Agriculture**

**Sub Sector: - Agricultural Technology**

**Occupation: Farm Machinery and Equipment Operation L- II**

**Consumable materials to be used: For Project 1 and 2 per candidate**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Item description | Quantity | Unit | Specification |
|  | * Grease | 0.5 | kg | For bearing |
|  | * Oil (steering) | 1 | litter | As per tractor |
|  | * Auto electric wire | 5 | Meter | Standard |
|  | * Head light bulb | 2 | pc | Different watt |
|  | * Insulation tape | 1 | Pcs | Standard |
|  | * Water | 50 | litter |  |
|  | * Grease nipples | 5 | Pc | Standard |
|  | * Cleaning materials( towels, soap) | 2 | pc | Each per standard |
|  | * terminals | 10 | pcs | Standard |
|  | * fuse | 4 | pcs | 10,15, 20 AMPER |
|  | * fuel | 15 | Lt | Diesel |
|  | * oil | 1/2 | litter | Engine |
|  | * grease | 0.5 | Kg | For bearing |
|  | * linchpins | 3 | pc | Medium size |
|  | * Water | 50 | Lt |  |
|  | * Cleaning materials( towels, soap) | 2 | pc | Each per standard |

**Tools & equipment/ Instruments**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | Item description | | Quantity | Unit | Specification |
|  | | Standard tool box | 1 | Set | Standard |
|  | | Test light | 1 | pc | 12 volt |
|  | | Hand Grease gun | 1 | Pc | Standard |
|  | | Jack hydraulic | 5 | ton | Standard |
|  | | Pliers | 1 | Pc | Standard |
|  | | Volt meter | 1 | Pc | Standard |
|  | | Screw driverflat, | 1 | Pc | Medium size |
|  | | Screw driver Philips | 1 | pc | Medium size |
|  | | Tyre wrench | 1 | Pc | Standard for tractor |
|  | | Tyre lever | 1 | Pcs | Standard |
|  | | Air pressure gauge | 1 | pc | Standard |
|  | | Axle stand | 1 | Pc | Standard for tractor |
|  | | Wheel stoppers | 1 | Pc | Standard for tractor |
|  | | compressor | 1 | pc | Portable electric medium size |
| 1 | | Standard tool box | 1 | set | Standard |
| 2 | | Water pump with accessories | 1 | Pcs | Petrol 2 inch |
| 3 | | Water can | 1 | pc | 20 litter |
| 4 | | Tractor with front end loader | 1 | Pc | 40-50 HP |
| 5 | | Disk plough | 1 | pc | 3 Bottom Compatible with the above tractor |
| 6 | | Trailer double axle | 1 | pc | 2 ton tipping |
| 7 | | Loose materials | 2 | m³ | Gravel, sand, or soil |

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.