**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.