**Ministry of Education**

**Sector: - Agriculture**

**Sub Sector: - Agricultural Technology**

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

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Item description | Quantity | Unit | Specification |
| 1 | Fuel | 20 | Litter | For bearing |
| 2 | Oil | 1/2 | litter | As per tractor |
| 3 | Water | 5 | litter | Standard |
| 4 | Grease | 1/2 | Litter | Different watt |
| 1 | DAP | 15 | Kg | 2.5 |
| 2 | Fuel | 20 | litter | Standard |
| 3 | Oil | 0.5 | Litter | Standard |
| 4 | Maize | 12.5 | kg | Standard |
| 5 | Water | 100 | Lt | Standard |
| 1 | Fuel | 20 | litter | Standard |
| 2 | Water | 50 | Litter | Standard |
| 1 | Fuel | 5 | litter | Standard |
| 2 | Water | 50 | Litter | Standard |
| 3 | Oil | 14 | Litter | Standard |
| 4 | Fuel filters | 2 | pc | Standard |
| 5 | Oil filter | 1 | pc | Standard |
| 6 | Soap | 1 | pc | Standard |
| 7 | Recept tank | 1 | pc | medium |
| 1 | Poultry feed | 12.5 | pc | Standard |
| 2 | Sack | 4 | pc | medium |

**Tools & equipment/ Instruments**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Item description | Quantity | Unit | Specification |
|  | Tractor | 1 | pc | 100HP |
|  | Disk plough | 1 | pc | Light duty |
|  | Standard tool box | 1 | Pc | Standard |
|  | Grease gun | 1 | pc | Standard |
|  | Disk harrow | 1 | Pc | Light duty |
|  | Ridger | 1 | Pc | Light duty |
|  | Measuring tape | 1 | Pc | 50 meter,5meter |
| 1 | Broad caster | 1 | Pc | Standard for tractor |
| 2 | Row planter | 1 | Pcs | 20 row planter |
| 4 | Chemical boom sprayer | 1 | Pc | 800 litter |
| 5 | Water can | 1 | Pc | medium |
| 6 | Barrell | 1 | pc | plastic /100 litter/ |
| 7 | Graduated can | 1 | pc | 2 litter |
| 8 | Respirator | 1 | pc | standard |
| 9 | Eye goggles | 1 | pc | standard |
| 10 | Rubber glove | 2 | pc | medium |
| 11 | Standard tool kit | 1 | pc | medium |
| 1 | Combine harvester | 1 | pc | 4.2 metter |
| 2 | Standard tool kit | 1 | pc | medium |
| 3 | Cleaning hose | 1 | pc | standard |
| 4 | Trailer | 1 | pc | 4 ton |
| 5 | Tractor | 1 | pc | 100 HP |
| 1 | Standard tool kit | 1 | set | Standard |
| 2 | Cleaning tools | 1 | Pcs | standard |
| 1 | Poultry Feed mill and mixer | 1 | pc | 1tone/hr |
| 2 | Standard tool kit | 1 | pc | medium |
| 3 | Sprinkler boom sprayer | 1 | pc | 12 meter 500litter |

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.