**Compliance Sheet of Restoration and rehabilitate of maintenance factory in east Mosul municipality / Mosul Sub-district / Ninawa Governorate**

**Electrical boiler 200 Liter**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Description** | **UNDP Requested specifications** | **Bidders Offered specification** |
| **1** | **Installation** | Vertical |  |
| **2** | **Water Tank Coating Enameled** | 1PH |  |
| **3** | **Capacity Range** | 200 Lit |  |
| **4** | **Nominal power** | 3KW |  |
| **5** | **Nominal pressure** | 0.8 Mpa |  |
| **6** | **In let & out let Decimeter** | ¾” inch |  |
| **7** | **Drain tap** | ½ “ drain |  |
| **8** | **Electric heating type** | Immersion element |  |
| **9** | **Insulation Type** | Foam |  |
| **10** | **Protection** | ¾” Safety Valve |  |

**Galvanized Water tank**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Description** | **UNDP Requested specifications** | **Bidders Offered specification** |
| **1** | **Installation** | Vertical |  |
| **2** | **Water Tank Capacity** | 1200 Lit |  |
| **3** | **Material** | Galvanized sheet |  |
| **4** | **Thickness** | Gage 18 |  |
| **5** | **Shape** | Cylindrical |  |
| **6** | **Steel base** | **2 inch steel angle** |  |
| **7** | **Float valve** | ½ inch |  |
| **8** | **Output valve** | ¾ inch |  |
| **10** | **Protection** | ¾” Safety Valve |  |

**20-ton overhead crane**

|  |  |  |  |
| --- | --- | --- | --- |
| No. | Description | UNDP Requested specifications | Bidders Offered specification |
| 1 | Make | Original Equipment Manufacturer (OEM) |  |
| 2 | Brand Name | DEMAG or Equivalent |  |
| 3 | Load capacity | 20 ton |  |
| 4 | Track gauge span gauge | 40 m 20m |  |
| **5** | Long-travel speed | Up to 20 m / min |  |
| 6 | Cross-travel speed | Up to 15 m / min |  |
| **7** | Lifting speed | 4 m / min |  |
| 8 | Crab or travelling hoist with drive | Crab or travelling hoist with drive |  |
| 9 | Crane girder | Double |  |
| 10 | Crane girder end plates | Roller Wheels |  |
| 11 | End carriage | Limit Switch Fitted |  |
| 12 | Travel drive control | Wire Remote Control |  |
| 14 | Crane electrical equipment | Travelling hoist electrical equipment Lifting limit switch - with load detector |  |
| 16 | Clamp-fitted buffers | Clamp-fitted buffers |  |
| 17 | C-rail assembly | C-rail assembly |  |
| 18 | Power supply | 3Ph/380/50Hz |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **SPLIT UNIT 2 TON** | | | |
| **No.** | **Description** | **UNDP Requested specifications** | **Bidders Offered specification** |
| **1** | A-C split unit | Wall Type |  |
| 2 | Make | Original manufacturer |  |
| **3** | Brand Name | Original Equipment Manufacturer |  |
| 4 | Tonnage Range | 2.0 TR |  |
| **5** | Power Supply | 220 V/single/50HZ |  |
| 6 | Compresser | DC Rotary / T3 |  |
| **7** | Refrigerant Gas | R410A |  |
| 8 | Cooling Capacity | 24000 BTU |  |
| 9 | Filter Type | Micro dust protection filter washable |  |
| 10 | Starting current: | 12.0 Amp |  |
| 11 | Runing current | 11.00 Amp |  |
| 12 | Operation Range | (17 -30) C |  |
| 13 | Remote Control | Wireless /LCD type |  |
| 14 | Noise Level | 35 - 40 -44 db |  |
| 15 | Max ambient Temp | T3 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | |  |  | | |
| **SPLIT UNIT 5 TON** | | | | | | |
| **No.** | **Description** | | **UNDP Requested specifications** | **Bidders Offered specification** | | |
| **1** | A-C split unit | | Vertical Cabinet |  | | |
| 2 | Make | | Original manufacturer |  | | |
| **3** | Brand Name | | Original Equipment Manufacturer |  | | |
| 4 | Tonnage Range | | 5.0 TR |  | | |
| **5** | Power Supply | | 380-400 v/3ph/50HZ |  | | |
| 6 | Compresser | | Rotary / T3 |  | | |
| **7** | Refrigerant Gas | | R410A |  | | |
| 8 | Cooling Capacity | | 60000 BTU |  | | |
| 9 | Filter Type | | Dual protection filter / washable |  | | |
| 10 | Starting current: | | 10.4 Amp |  | | |
| 11 | Runing current | | 10.00 Amp |  | | |
| 12 | Operation Range | | (17 -30) C |  | | |
| 13 | Remote Control | | Wireless /LCD type |  | | |
| 14 | Noise Level | | 35 - 40 -44 db |  | | |
| 15 | Fuse size max | | 40 Amp |  | | |
| 16 | Nominal Air Flow Mini | | 1400 CFM |  | | |
| 17 | Wire Size | | 4\*10mm |  | | |
| **3M3 Water Pump Spec** | | | | | |
| **No.** | **ITEM** | **UNDP Requested specifications** | | | **Bidders Offered specification** |
| 1 | Lequid | Water | | |  |
| 2 | horse power ( HP) | 1Hp | | |  |
| 3 | Voltage | 220 v/50 HZ | | |  |
| 4 | CAPACITY | Q= 3 m3/h | | |  |
| 5 | Max Head | H =20 m | | |  |
| 6 | System pressuer Max | 100 psi | | |  |
| 7 | Max water temp | 60 C | | |  |
| 8 | Inlet Connection | 1 " | | |  |
| 9 | Outlet Connection | 1" | | |  |