**LOT 3: Supply of Refrigeration Equipment to the Department of Air Conditioning and Refrigeration at the Integrated Polytechnic Regional College (IPRC) Kigali.**

*Bidders are expected to examine carefully and comply with all instructions and specifications.*

**Date: \_\_\_\_\_\_/\_\_\_\_\_\_/\_\_\_\_\_\_\_\_\_**

**Bidder Information**

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|  | |  | |  | |  |
| Bidder’s Legal Name |  | | | | |  |
|  | | | | | | |
| TIN Number |  | | | | |  |
|  |  | | | | |  |
| Country/ies of Registration/Operation |  | | | | |  |
| |  | | --- | |  |   Bidder’s Authorized Representative | | | | | | |
|  |  | |  | |  |  |
| Title |  | | Telephone | |  |  |
|  | | | | | | |
| Email |  | | | | |  |
|  | | | | | | |

**Descriptions and Specifications of required Refrigeration Equipment to be supplied to IPRC Kigali.**

| **No.** | **Item Description** | **Item Specifications** | **Units** | **Quantity** | **Unit Price (Frw)** | **Total Price (Frw)** |
| --- | --- | --- | --- | --- | --- | --- |
|  | Flaring tool kit | CT-195, 45⸰ flaring tool for1/4, 3/8, 1/2, 5/8 | Pc | 5 |  |  |
|  | Pipe cuter | Yellow Cutting Copper Iron Pipe Tube Cutter Tool \_RIDGID 3/16 in. to 15/16 in. Model 104\_Piece | Pc | 5 |  |  |
|  | Hand torch | Hand torch JH-1S -Piece | Pc | 5 |  |  |
|  | Pipe bender | Aluminum alloy, Pipe Tube Bending, Round Pipe Bender 1/4",5/16",3/8" | Pc | 5 |  |  |
|  | Manifold gauge | For R410A, R404a, R134a with hoses | Pc | 3 |  |  |
|  | Refrigerant Hose pipe | Rubber for 25 bar pressure Pieces, red, blue, and yellow with plastic seal. | Set | 20 |  |  |
|  | Digital multimeter | AC Voltage 6V/750V, AC Current 6mA/10A, DC Voltage 600mV/1000V, DC Current 60uA-10A, Temperature -20℃-1000℃, Dimensions 187\*95\*53mm | Pc | 3 |  |  |
|  | Combination plier | 8'' Professional Combination Pliers/Wire Plier | Pc | 10 |  |  |
|  | Screwdriver set | Plastic, TPR coated soft handle, 6\*100,6\*125,6\*150,8\*200,8\*250,8\*300, 6\*100,6\*125,6\*150,8\*250,8\*300. | Set | 5 |  |  |
|  | Riveter hand tool gun | Pulling Rivet Gun Hand Tool, Yellow Aluminum Alloy Handle, 3/16'' 5/32'' 1/8 '' 3/32'' | Pc | 5 |  |  |
|  | Valve core remover | Gas Appliance Isolation Shut-Off Valves, 1/4" 5/16" | Pc | 5 |  |  |
|  | Digital pressure gauge | Material: Stainless Steel Case, Pressure range: (-0.1~100) MPa, Weight: 0.5kg, Size: 83mm. | Pc | 3 |  |  |
|  | Oil pump charger | Horsepower: 1.5HP hose, Outlet Size: 1/4" or 3/8", Max charging pressure: 15 bar, Capacity: 75ml each stroke | Pc | 3 |  |  |
|  | Pinch off plier | 7”Pinch off plier | Pc | 3 |  |  |
|  | Piercing plier | V-RUN locking Plier, Carbon Steel, 1/4 hose connecting | Pc | 5 |  |  |
|  | Infrared radiation thermometer | Backlight LCD Display, adjustable from 0.1~1.0, 155.5\*98.8\*27.5mm, 0°C ~ 50°C/ 32°F ~ 122°F | Pc | 3 |  |  |
|  | Electric screwdrivers | Cordless Power Drill, 1.5Ah Rechargeable Lithium Battary,240V, 34\*27\*11cm | Pc | 3 |  |  |
|  | Refrigerant R 134 (13Kg) | R 134 (13Kg) | Cylinder | 8 |  |  |
|  | Copper | * 8 Rolls Halcor 1/2 dia. * 7 Rolls sarkuysan 3/8 dia. * 5 Rolls sarkuysan 1/4 dia. | Roll | 20 |  |  |
|  | Map gas | map//pro of 400g Cylinders | Cylinder | 10 |  |  |
|  | Nitrogen gas 15Bar (Refilling) | 15Bar (Refilling) | Cylinder | 2 |  |  |
|  | Oxygen gas | Refilling gas | Cylinder | 2 |  |  |
|  | Acetylene gas | Refilling gas | Cylinder | 2 |  |  |
|  | Cold room | -Insulation panel: 3600x2400x2400; polyurethane 150mmm thickness; panel surface Stainless steel 0.426mm thickness; hinged door 900x2100; cam lock connection  - Refrigeration size: 1.75 HP; refrigerant: R290 | Set | 1 |  |  |

**NOTE:**

1. Kilimo Trust Rwanda, in a fair and transparent manner, will select companies that fulfill all requirements.
2. If necessary, interested bidders can visit the site any time before **28th February 2022**.
3. For items that need to be installed or assembled, the bidder should include installation and assembling cost in the bid.