**SPECIFICATIONS FOR THE REQUEST FOR QUOTATION**

**1. Name of the beneficiary:** PMSI Health Center in Sculeni, Ungheni district

**2. Organizer of the procurement procedure:** **UNDP Moldova,** Promotion of Human Security of Ukrainian refugees, third-country nationals (TCNs), and the host communities in Moldova through Socio-Economic Empowerment and Inclusion

**3. Procurement object:** Renovation and modernization of the boiler room of the Health Centre in Sculeni village, Ungheni district.

|  |  |
| --- | --- |
|  |  |
|  |  |

**Bill of Quantities**

**Bid currency**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| № | Symbol, norm Resource Code | Name of work | Unit of measurement | Volume |
|

| 1 | | 2 | | 3 | | | 4 | | | | 5 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | | **1. Pipes and fittings** | | |  | | | |  |
| 1 | | IA50B | | Flanged spindle with a nominal diameter of 350 mm. Stainless steel pipe with a diameter of 350/450 and a length of 1m, with 50 mm insulation. | | | piece | | | | 3,000 |
|  | | 7136040011749 | | Heating and gas installer | | | h-m | | | | 0,900 |
|  | | 280115810006 | | Stainless steel chimney cap d. 350/450 mm | | | piece | | | | 2,010 |
|  | | 3000789876 | | Stainless steel T-bend d. 350/450 mm with 50 mm insulation | | | piece | | | | 2,010 |
|  | | 2722103100765 | | Stainless steel chimney pipe diam. 350/450 and 1m long, and 50 mm insulation | | | m | | | | 3,000 |
| 2 | | IA50B | | Flanged spindle with a nominal diameter of 400 mm. Stainless steel chimney with diam. 400/500 and 1m long, with 50 mm insulation. | | | piece | | | | 13,000 |
|  | | 7136040011749 | | Heating and gas installer | | | h-m | | | | 3,900 |
|  | | 280115810000 | | Stainless steel chimney cap d. 400/500 mm with condensate drain | | | piece | | | | 1,001 |
|  | | 003456789876 | | Stainless steel T-bend d. 400/500 mm with 50 mm insulation | | | piece | | | | 2,015 |
|  | | 27221031007652 | | Stainless steel chimney pipe with diam. 400/500 and 1m long, with 50 mm insulation. | | | m | | | | 13,000 |
| 3 | | IA32A | | Membrane-based closed expansion vessel with a capacity of up to 250 l | | | piece | | | | 1,000 |
|  | | 7136040011749 | | Heating and gas installer | | | h-m | | | | 1,000 |
|  | | 3456799877877 | | Closed expansion vessel 250 l | | | piece | | | | 1,000 |
| 4 | | IA38A | | Circulation (recirculation) pump mounted on existing pipe, flanged, 32 mm diameter | | | piece | | | | 2,000 |
|  | | 7136040011749 | | Heating and gas installer | | | h-m | | | | 2,000 |
|  | | 11876545500 | | Circulation pump, pipe mounted, flanged, 32 mm diameter | | | piece | | | | 2,000 |
| 5 | | IA20A | | Screw-in safety group, nominal diameter 1" | | | piece | | | | 2,000 |
|  | | 7136040011749 | | Heating and gas installer | | | h-m | | | | 0,500 |
|  | | 29131545000990 | | Safety group with nominal diameter of 1" | | | piece | | | | 2,000 |
|  | | 1714227322940 | | Flange coupling | | | kg | | | | 0,032 |
| 6 | | ID05B | | Drawer or vent and check valve, with flange, for central heating installations, cast iron flanged valve d. 50 mm. | | | piece | | | | 6,000 |
|  | | 7136040011749 | | Heating and gas installer | | | h-m | | | | 4,500 |
|  | | 9934567876567 | | Rubber gaskets d. 50 mm | | | piece | | | | 12,000 |
|  | | 28752786540565 | | Cast iron flanged valve d. 50 mm | | | piece | | | | 6,000 |
|  | | 287527442820011 | | Round flange d. 50 mm | | | piece | | | | 12,000 |
|  | | 1450336200468 | | Concentrated graphite type G, powder | | | kg | | | | 0,090 |
|  | | 2874115818410 | | Precision hexagonal head screw M 16 x 50 | | | piece | | | | 48,000 |
|  | | 2874115840558 | | Hexagon nut M16 | | | piece | | | | 48,000 |
|  | | 2874125881344 | | Flat collar M 18 | | | piece | | | | 48,000 |
|  | | 2513206622020 | | Klingerit plate of 3.0 mm, 25 at. | | | kg | | | | 0,390 |
|  | | 2411115904512 | | Technical oxygen gas S2031 | | | m3 | | | | 1,200 |
|  | | 2413547308164 | | Technical calcium carbide S102 | | | kg | | | | 3,720 |
|  | | 2735725903465 | | Ordinary welding wire S 10 D=4,00 | | | kg | | | | 1,200 |
|  | | 1542126108945 | | Sicativated linseed oil | | | kg | | | | 0,150 |
| 7 | | ID05B | | Drawer or vent and check valve, with flange, for central heating installations, cast iron flanged valve d. 65 mm. | | | piece | | | | 4,000 |
|  | | 7136040011749 | | Heating and gas installer | | | h-m | | | | 3,000 |
|  | | 99345678765671 | | Rubber gaskets d. 65 mm | | | piece | | | | 8,000 |
|  | | 287527865405657 | | Cast iron flanged valve d. 65 mm | | | piece | | | | 4,000 |
|  | | 2875274428200117 | | Round flange d. 65 mm | | | piece | | | | 8,000 |
|  | | 1450336200468 | | Concentrated graphite type G, powder | | | kg | | | | 0,060 |
|  | | 2874115818410 | | Precision hexagonal head screw M 16 x 50 | | | piece | | | | 32,000 |
|  | | 2874115840558 | | Hexagon nut M16 | | | piece | | | | 32,000 |
|  | | 2874125881344 | | Flat collar M 18 | | | piece | | | | 32,000 |
|  | | 2513206622020 | | Klingerit plate of 3.0 mm, 25 at. | | | kg | | | | 0,260 |
|  | | 2411115904512 | | Technical oxygen gas S2031 | | | m3 | | | | 0,800 |
|  | | 2413547308164 | | Technical calcium carbide S102 | | | kg | | | | 2,480 |
|  | | 2735725903465 | | Ordinary welding wire S 10 D=4.00 | | | kg | | | | 0,800 |
|  | | 1542126108945 | | Sicativated linseed oil | | | kg | | | | 0,100 |
| 8 | | ID05B | | Drawer or vent and check valve, with flange, for central heating installations, cast iron flanged valve d. 80 mm. | | | piece | | | | 4,000 |
|  | | 7136040011749 | | Heating and gas installer | | | h-m | | | | 4,000 |
|  | | 993456787656718 | | Rubber gaskets d. 80 mm | | | piece | | | | 8,000 |
|  | | 2875278654056578 | | Cast iron flanged valve d. 80 mm | | | piece | | | | 4,000 |
|  | | 2875274428200118 | | Free round flange d. 100 mm | | | piece | | | | 8,000 |
|  | | 1450336200468 | | Concentrated graphite type G, powder | | | kg | | | | 0,080 |
|  | | 2874115818410 | | Precision hexagonal head screw M 16 x 50 | | | piece | | | | 32,000 |
|  | | 2874115840558 | | Hexagon nut M16 | | | piece | | | | 32,000 |
|  | | 2874125881344 | | Flat collar M 18 | | | piece | | | | 32,000 |
|  | | 2513206622020 | | Klingerit plate of 3.0 mm, 25 at. | | | kg | | | | 0,520 |
|  | | 2411115904512 | | Technical oxygen gas S2031 | | | m3 | | | | 1,200 |
|  | | 2413547308164 | | Technical calcium carbide S102 | | | kg | | | | 3,600 |
|  | | 2735725903465 | | Ordinary welding wire S 10 D=4.00 | | | kg | | | | 1,200 |
|  | | 1542126108945 | | Sicativated linseed oil | | | kg | | | | 0,140 |
| 9 | | IC30G | | Malleable cast iron fittings, with 2 screws, screwed with steel pipe, diameter 2" | | | piece | | | | 24,000 |
|  | | 7136040011749 | | Heating and gas installer | | | h-m | | | | 3,600 |
|  | | 2523156713800 | | Cast iron fittings | | | piece | | | | 24,000 |
|  | | 1714227322940 | | Flange coupling | | | kg | | | | 0,384 |
|  | | 2430126100338 | | Sealing solution | | | kg | | | | 4,992 |
| 10 | | IC30C | | Malleable cast iron fittings, with 2 screws, screwed with steel pipe, diameter up to 25 mm. | | | piece | | | | 26,000 |
|  | | 7136040011749 | | Heating and gas installer | | | h-m | | | | 5,720 |
|  | | 252315671380010 | | Cast iron fittings with diameter up to 25 mm | | | piece | | | | 26,000 |
|  | | 1714227322940 | | Flange coupling | | | kg | | | | 0,416 |
|  | | 2430126100338 | | Sealing solution | | | kg | | | | 0,832 |
| 11 | | ID06A | | Automatic venting valve for central heating systems, nominal diameter 1/2" | | | piece | | | | 4,000 |
|  | | 7136040011749 | | Heating and gas installer | | | h-m | | | | 0,400 |
|  | | 2913134500000 | | Key-operated venting valve with Dn 1/2 " | | | piece | | | | 4,000 |
|  | | 2524907304522 | | Unlisted Teflon tape | | | piece | | | | 0,400 |
| 12 | | ID04A | | Pass-through or plugged check valve for central heating installations, with a nominal diameter of 15 mm. | | | piece | | | | 7,000 |
|  | | 7136040011749 | | Heating and gas installer | | | h-m | | | | 1,050 |
|  | | 287527420510012 | | Drain tap d. 15 mm | | | piece | | | | 7,000 |
|  | | 1714227322940 | | Flange coupling | | | kg | | | | 0,105 |
| 13 | | RpIC10C | | Installation of black pipe assembled by welding in distribution columns, at heating points and central heating plants, having a diameter of 108 mm | | | m | | | | 24,000 |
|  | | 7136040011800 | | Heating installer | | | h-m | | | | 12,000 |
|  | | 272210330000013 | | Black pipe for installations d. 108 | | | m | | | | 25,459 |
|  | | 2710403605033 | | Black board 4 mm | | | kg | | | | 94,848 |
|  | | 2411115904512 | | Technical oxygen gas S2031 | | | m3 | | | | 17,422 |
|  | | 2413547308164 | | Technical calcium carbide S102 | | | kg | | | | 45,053 |
|  | | 2735725903453 | | Ordinary welding wire, d=3.25 | | | kg | | | | 11,606 |
| 14 | | RpIC02D | | Installation of black pipe for central heating installations, welded to the connections of heating appliances and fixtures, for residential and social-cultural buildings, with a diameter of 3" | | | m | | | | 24,000 |
|  | | 7136040011800 | | Heating installer | | | h-m | | | | 9,600 |
|  | | 272210330000014 | | Black pipe for installations 3# | | | m | | | | 24,725 |
|  | | 2411115904512 | | Technical oxygen gas S2031 | | | m3 | | | | 4,945 |
|  | | 2413547308164 | | Technical calcium carbide S102 | | | kg | | | | 11,853 |
|  | | 2735725903453 | | Ordinary welding wire, d=3.25 | | | kg | | | | 2,182 |
|  | | 99003312345678 | | Steel bend d.89 mm | | | piece | | | | 12,120 |
| 15 | | RpIC02C | | Installation of black pipe for central heating installations, welded to the connections of heating fixtures and appliances, for residential and social-cultural buildings, with a diameter of 2" | | | m | | | | 34,000 |
|  | | 7136040011800 | | Heating installer | | | h-m | | | | 11,900 |
|  | | 272210330000015 | | Black pipe for installations 2# | | | m | | | | 35,027 |
|  | | 2411115904512 | | Technical oxygen gas S2031 | | | m3 | | | | 5,460 |
|  | | 2413547308164 | | Technical calcium carbide S102 | | | kg | | | | 13,873 |
|  | | 2735725903453 | | Ordinary welding wire, d=3.25 | | | kg | | | | 2,679 |
|  | | 002345678765 | | Steel bend d. 57 mm | | | piece | | | | 15,608 |
| 16 | | SD20C | | Galvanized, flat-sealing screwed union and bend with screwed union, with internal-external thread, diameter 50 mm. | | | piece | | | | 8,000 |
|  | | 7136020011620 | | Water, sewer plumber | | | h-m | | | | 2,400 |
|  | | 272120412230016 | | Screwed union and bend with screwed union with diam. 50 mm | | | piece | | | | 8,080 |
| 17 | | IA18B | | Fine fittings for central heating boilers: hydrometer or pressure gauge with control valve | | | piece | | | | 6,000 |
|  | | 7136040011749 | | Heating and has installer | | | h-m | | | | 2,400 |
|  | | 332050000000017 | | Thermometer Mega 60 mm, straight | | | piece | | | | 6,060 |
|  | | 1714227322940 | | Flange coupling | | | kg | | | | 0,036 |
|  | | 2430126100338 | | Sealing solution | | | kg | | | | 0,072 |
| 18 | | RpIF12A | | Coating and painting the installation pipes up to 60 mm outside diameter in 2 layers with oil-based paints | | | m | | | | 15,000 |
|  | | 7136040011800 | | Heating installer | | | h-m | | | | 2,250 |
|  | | 2430226101260 | | Minium primer | | | kg | | | | 1,500 |
|  | | 2430116103218 | | Oil-based paint | | | kg | | | | 1,500 |
| 19 | | RpIF12B | | Coating and painting the installation pipes with an external diameter of more than 60 mm, in 2 layers, with oil-based paints | | | m2 | | | | 44,000 |
|  | | 7136040011800 | | Heating installer | | | h-om | | | | 51,480 |
|  | | 2430226101260 | | Minium primer | | | kg | | | | 4,400 |
|  | | 2430116103218 | | Oil-based paint | | | kg | | | | 7,920 |
|  | | 2430117326844 | | Temperature resistant varnish | | | kg | | | | 4,400 |
|  | | 1711317306661 | | Cotton wool wiper | | | kg | | | | 4,400 |
|  | | 2881116001666 | | Dry sanded paper sheets 23 x 30 th 25 S 1581 | | | piece | | | | 4,400 |
| 20 | | RpEG03A | | Installation of switchboards in panel, cabinet, cubicle or lectern format, ready equipped, weighing up to 150 kg | | | piece | | | | 1,000 |
|  | | 7137010011520 | | Construction electrician | | | h-m | | | | 1,000 |
|  | | 111112220000720 | | Electrical panel, ready equipped with 6 places | | | piece | | | | 1,010 |
| 21 | | RpEF01B | | Installation of lighting fittings, ceiling or wall, fully equipped | | | piece | | | | 2,000 |
|  | | 7137010011520 | | Construction electrician | | | h-m | | | | 0,560 |
|  | | 2875274400501 | | General purpose lighting fitting, with all parts and components | | | piece | | | | 2,080 |
| 22 | | RpEE15A | | Installation of circuit breakers - single pole circuit breaker 25 A - symbol 3129 N | | | piece | | | | 4,000 |
|  | | 7137010011520 | | Construction electrician | | | h-m | | | | 2,600 |
|  | | 1111000100020 | | Circuit breaker | | | piece | | | | 4,000 |
|  | | 2051142950716 | | Wooden dowel | | | piece | | | | 8,000 |
|  | | 2874115836911 | | Wood screws with notched socket head L 4 x 20 mm, brass | | | piece | | | | 8,000 |
|  | | 1711317306661 | | Cotton wool wiper | | | kg | | | | 0,020 |
| 23 | | RpEA09B | | Installation of plastic protective elements, exposed on the wall or in ducts, for masking electrical conductors or cables with a diameter of 20 mm | | | m | | | | 20,000 |
|  | | 7137010011520 | | Construction electrician | | | h-m | | | | 3,000 |
|  | | 252315672002823 | | Metal formwork d. 20 mm | | | m | | | | 20,600 |
|  | | 2051142950700 | | Dowels | | | piece | | | | 20,000 |
|  | | 2874115836660 | | Slotted head screw L 3 x 25 mm | | | piece | | | | 20,600 |
| 24 | | RpED09A | | Installation of PVC-insulated copper electrical cables with increased flame propagation resistance, for voltages of 0.6/1 kV, symbol CYYF, surface-mounted, with a cross-section of 3x1.5 sq. mm. | | | m | | | | 65,000 |
|  | | 7137010011520 | | Construction electrician | | | h-m | | | | 6,500 |
|  | | 313013481740524 | | Copper or aluminum cable with increased flame resistance 3x1.5 | | | m | | | | 70,297 |
|  | | 2811236311006 | | Branching sockets | | | piece | | | | 17,062 |
| 25 | | CL20A | | Ready-made ventilation grilles made of black board, with manually adjustable blinds, painted and mounted in the masonry | | | piece | | | | 4,000 |
|  | | 7122050013400 | | Bricklayer | | | h-m | | | | 1,880 |
|  | | 9310060019920 | | Service worker CM | | | h-m | | | | 0,120 |
|  | | 2811236306200 | | Ventilation grille black board 0.5 mm thick with blinds, painted 300x400 mm | | | piece | | | | 4,000 |
|  | |  | |  | | |  |  | | | |
|  | |  | | *Total* | | |  | | |  | |
|  | |  | | *Social insurance* | | | 24 % | | |  | |
|  | |  | | *Transport costs* | | | % | | |  | |
|  | |  | | *Total* | | |  | | |  | |
|  | |  | | *Overheads* | | | % | | |  | |
|  | |  | | *Total* | | |  | | |  | |
|  | |  | | *Quote benefit* | | | % | | |  | |
|  | |  | | *Total* | | |  | | |  | |
|  | |  | | **Total Pipes and fittings**  **Including salary** | | |  |  | | | |
|  | |  | | **2. Installation works** | | |  | | | |  |
| 26 | | IA02C | | Sectional steel boiler with a heating surface of 40,0...53,0 sq.m. | | | piece | | | | 2,000 |
|  | | 7136040011749 | | Heating and gas installer | | | h-m | | | | 12,000 |
|  | | 442234567887 | | Corner piece 50 x 5.0 mm | | | piece | | | | 10,000 |
|  | | 221234567876 | | Reinforcement A3 d. 12 mm | | | m | | | | 6,000 |
|  | | 098765432345 | | Metal cutting disc 230x2.5 mm | | | piece | | | | 20,000 |
|  | | 65432345678 | | Grinding disk GD-230 | | | piece | | | | 2,000 |
|  | | 7772345678898 | | Reinforcement A3 d.18 mm | | | m | | | | 6,000 |
|  | | 003456789 | | Metal filler 50 x 4 mm | | | m | | | | 6,000 |
|  | | 876543456798 | | Technical rubber 4 mm | | | kg | | | | 20,000 |
| 27 | | IA28A | | Hydraulic separator with 325 mm diameter | | | piece | | | | 1,000 |
|  | | 7136040011749 | | Heating and has installer | | | h-m | | | | 4,100 |
|  | | 2513206622020 | | Klingerit plate of 3.0 mm, 25 at. | | | kg | | | | 0,810 |
|  | | 1542126108945 | | Sicativated linseed oil | | | kg | | | | 0,033 |
|  | | 1450336200468 | | Concentrated graphite type G, powder | | | kg | | | | 0,023 |
|  | | 2411115904512 | | Technical oxygen gas S2031 | | | m3 | | | | 0,165 |
|  | | 2413547308164 | | Technical calcium carbide S102 | | | kg | | | | 0,430 |
|  | | 2734125900487 | | Ordinary welding wire d=2,5 mm | | | kg | | | | 0,125 |
| 28 | | IA38A | | Circulation (recirculation) pump mounted on the existing pipe, through flanges, with a diameter of 50 mm | | | piece | | | | 2,000 |
|  | | 7136040011749 | | Heating and has installer | | | h-m | | | | 1,600 |
|  | |  | |  | | |  |  | | | |
|  | |  | | *Total* | | | USD | | |  | |
|  | |  | | *Social insurance* | | | 24 % | | |  | |
|  | |  | | *Transport costs* | | | % | | |  | |
|  | |  | | *Total* | | |  | | |  | |
|  | |  | | *Overheads* | | | % | | |  | |
|  | |  | | *Total* | | |  | | |  | |
|  | |  | | *Quote benefit* | | | % | | |  | |
|  | |  | | *Total* | | |  | | |  | |
|  | |  | | **Total Installation works**  **Including salary** | | |  |  | | | |
|  | |  | | **3. Equipment** | | |  | | | |  |
| 29 | | IA02C | | Sectional steel boiler, with heating surface of 40,0...53,0 sq.m. | | | piece | | | | 2,000 |
|  | | 29 | | Solid fuel boiler, long combustion, 90 kw output | | | piece | | | | 2,000 |
| 30 | |  | | Hydraulic separator with a diameter of 325 mm | | | piece | | | | 1,000 |
|  | | 30 | | Hydraulic separator with a diameter of 325 mm | | | piece | | | | 1,000 |
| 31 | | IA37B | | Circulation (recirculation) pump mounted on the existing pipe, by screwing, with a diameter of 50 mm | | | piece | | | | 2,000 |
|  | | 31 | | Circulation pump GPD 40 x 16F x 0,9 kW or similar | | | piece | | | | 2,000 |
|  | |  | |  | | |  |  | | | |
|  | |  | | *Total* | | | USD | | |  | |
|  | |  | | *Supply-storage costs* | | | % | | |  | |
|  | |  | | *Total* | | |  | | |  | |
|  | |  | | **Total Equipment**  **Including salary** | | |  |  | | | |
|  |  | |  | | |  | | |  | | |
|  |  | |  | | |  | | |  | | |
|  | |  | | Total | | | USD | | |  | |
|  | |  | | **Total quote:**  **Including salary** |  | | |  | | | |

|  |
| --- |
| Bidder |
| (position, signature, name, surname) |

P.S.