

 Directorate for Payments	Policy Area Agriculture and Rural Development	UNIT FOR TECHNICAL AND ECONOMIC ANALYSIS	
	Version No: 1.0		
Ministry of Agriculture, Forestry and Water Management of Montenegro		DP-UTEA-00-04	Page 1 of 9

DP-UTEA-00-04 - INVITATION FOR THE OFFERS/QUOTATIONS FOR GOODS

Name of applicant: Shamade – Co doo

Measure and number of the Public Call: Measure 3, first public call

Project Title - Name of the investment: Procurement of equipment for the production plant and specialized vehicles

Date of invitation: 14.08.2025.y.

Number and date of the IPARD Contract: 09-908/24-23057/20 from 11.07.2025.

Dear Supplier(s),

- You are invited to submit your offer/quotation(s) with exact prices and quantities for the supply of the following items:

Procurement and installation of an air-cooled high-temperature heat pump for hot water heating (including equipment, piping distribution, ductwork, system testing and regulation, and preparatory and final works) – 1 unit

No	Item
1.	<p>HEATING SYSTEM – EQUIPMENT</p> <p>1.1. Procurement, delivery, installation and commissioning of an air-cooled high-temperature heat pump for domestic hot water heating, with the following specifications – 1 unit</p> <p>Heating capacity at outdoor temperature of +7⁰C and heating fluid temperature of +80⁰C: 16 kW Compressor: 1 unit Number of fans: 2 units Refrigerant: R-134a / R-410A Fluid: water Operating range: -20 / +35⁰C Power supply: 400 V, 50 Hz</p>



Electrical power: min 6.65 kW
Offer should include heat pump operation controller

1.2. Procurement, delivery and installation of an insulated vertical hot water buffer tank – 1 unit

Volume: 500 l
Insulation thickness: 100 mm

1.3. Procurement, delivery, installation and commissioning of a frequency-controlled single-stage circulation pump, with inline suction and discharge ports – 1 unit

Pump with differential pressure sensor
CP-TP – Circulation pump for the heat pump
Flow rate: 3.02 m³/h
Head: 72 kPa
Medium: Water
Water temperature: 80°C
Connection: 1 1/2" threaded
Nominal pressure: PN6
Power supply: 230V/50Hz
Power: min 0.153 kW

1.4. Procurement, delivery, installation and commissioning of a single-stage circulation pump with inline suction and discharge ports.

Appropriate connecting and sealing material should be delivered with the pump.

CP-IS – Evaporator heater circulation pump – 1 unit

Flow rate: 2.97 m³/h
Head: 58 kPa
Medium: Water - 10% ethylene glycol
Water temperature: 80°C
Connection: 1 1/2" threaded
Nominal pressure: PN6
Power supply: 230V/50Hz
Power: min 0.165 kW



**Directorate for
Payments**

**Policy Area
Agriculture and Rural
Development**

Version No: 1.0

**UNIT FOR TECHNICAL
AND ECONOMIC
ANALYSIS**

**Ministry of Agriculture, Forestry and Water Management of
Montenegro**

DP-UTEA-00-04

Page 3 of 9

CP-KON – Condenser circulation pump – 1 unit

Flow rate: 2.97 m³/h
Head: 58 kPa
Medium: Water - 10% ethylene glycol
Water temperature: 80°C
Connection: 1 1/2" threaded
Nominal pressure: PN6
Power supply: 230V/50Hz
Power: min 0.165 kW

1.5. Procurement, delivery and installation of a plate heat exchanger – 1 unit, with the following specifications:

Capacity: 20 kW
Primary: water / 75 / 70°C
Secondary: water-glycol 10% / 70 / 65°C
Maximum pressure drop: 25 kPa

2. PIPE DISTRIBUTION

2.1. Procurement of materials and fabrication of steel press pipe pipelines – 30 m, size 5/4"

2.1.1- Connecting and suspension material and shaped pieces - 50% of the item 2.1 should be calculated.

2.2. Procurement, delivery and installation of pipe insulation, with vapor barrier – 30 m

Includes adhesive for installation and tape for sealing joints.
Insulation type: Sheet insulation, size 5/4"
Thickness: 13 mm

2.3. After successful cold testing, all pipes, supports, hangers and other metal parts must be cleaned of rust and mortar, then protected with a basic anti-corrosion coating in two layers. – 4 m²

2.4. Procurement, delivery and installation of Y-strainers – 5 units Size: 5/4"

2.



**Directorate for
Payments**

**Policy Area
Agriculture and Rural
Development**

Version No: 1.0

**UNIT FOR TECHNICAL
AND ECONOMIC
ANALYSIS**

**Ministry of Agriculture, Forestry and Water Management of
Montenegro**

DP-UTEA-00-04

Page 4 of 9

2.5. Procurement, delivery and installation of ball valves with handle – 15 units Size: 5/4"

2.6. Procurement, delivery and installation of 3-way on/off distribution valves 5/4" with 230 V actuator – 2 units

2.7. Procurement, delivery and installation of check valves – 3 units Size: 5/4"

2.8. Procurement, delivery and installation of automatic air vents – 4 units

2.9. Procurement, delivery and installation of bimetallic thermometers for water temperature measurement, with brass sleeve and fitting for installation on the pipeline – 8 units

Measuring range: (0 – 80°C)

Scale diameter: 80 mm

Connection: 1/2"

2.10. Procurement, delivery and installation of pressure gauges with shut-off valve and two DN15 ball valves – 3 units

Measuring range: 0 – 6 bar

Scale diameter: 80 mm

Connection: 1/2"

2.11. Procurement, delivery and installation of fill and drain valves with cap, chain and threaded connection – 5 units

Diameter: 3/4"

2.12. Procurement of materials and fabrication of copper pipe installation for refrigerant liquid and gas phase distribution

Ø9.52 (3/8") x 1.0 mm – 12 m

Ø15.88 (5/8") x 1.0 mm – 12 m

2.12.1 - Procurement and installation of small connecting material such as, shaped parts, arches, disugas, pipe sleeves for floor penetration, production of supports. - 50% of the item 2.12. should be calculated.



**Directorate for
Payments**

**Policy Area
Agriculture and Rural
Development**

Version No: 1.0

**UNIT FOR TECHNICAL
AND ECONOMIC
ANALYSIS**

**Ministry of Agriculture, Forestry and Water Management of
Montenegro**

DP-UTEA-00-04

Page 5 of 9

	<p>2.13. Procurement of materials and insulation of copper pipes with vapor barrier insulation, flame-retardant, based on synthetic rubber, thickness 13 mm</p> <p>Ø9.52 (3/8") x 1.0 mm – 12 m Ø15.88 (5/8") x 1.0 mm – 12 m</p> <p>2.14. Procurement, delivery and installation of PVC pipe for condensate drainage to connection point with atmospheric sewer system – 10 m</p> <p>Includes all necessary fittings, seals and hangers at intervals of 1.5 m Nominal diameter DN25</p> <p>2.15. Additional filling of installation with R410A refrigerant – 2 kg</p> <p>2.16. Procurement, delivery and installation of control cables, LY-CY 2 x 1.5 mm², for connecting indoor and outdoor units and wired controllers – 12 m</p> <p>Cables supplied with Ø14 PVC corrugated tubing</p>
3.	<p>DUCT DISTRIBUTION</p> <p>3.1 Procurement of materials, fabrication and installation of straight and shaped parts of galvanized sheet metal ducts, thickness 0.6–1.2 mm – 130 kg</p> <p>3.1.1 Elements for carrying galvanized channels, flanges, seals, machine screws, frogs, etc. - 50% of the item 3.1 should be calculated.</p>
4.	<p>INSTALLATION TESTING AND REGULATION</p> <p><i>Testing of copper piping</i> with nitrogen; test to be conducted for leakage (nitrogen pressure 40 bar for 24 hours) and drying by vacuuming (system held under vacuum for 2 hours). Applies to all three VRF systems.</p> <p>After installation is completed, hydraulic pressure <i>testing of pipes and equipment</i> must be carried out. Test pressure must be 2 bar above working pressure plus pump head. Pressure must remain constant for 2 hours. Testing continues until installation is confirmed leak-proof.</p>

 <p style="text-align: center;">Directorate for Payments</p>	Policy Area Agriculture and Rural Development	UNIT FOR TECHNICAL AND ECONOMIC ANALYSIS	
	Version No: 1.0		
Ministry of Agriculture, Forestry and Water Management of Montenegro		DP-UTEA-00-04	Page 6 of 9

	<p>After <i>cold testing</i>, flush all pipelines with cold water, remove strainers from dirt separators and open drains. Flushing continues until water is completely clear.</p> <p>The Investor is responsible for providing water and electricity; the Contractor provides instruments and qualified personnel. A test report must be prepared.</p> <p>The Contractor must perform a <i>hot water system trial run</i> and adjust water flow through pumps and piping.</p> <p>The entire heating system <i>must be regulated</i>.</p>
5.	<p>PRELIMINARY AND FINAL WORKS</p> <p>All necessary preparatory works to secure and set up the construction site, build temporary storage for materials and tools, transport, and marking of installations. After completion, the site must be cleaned and returned to its original state. Include electricity and water consumption costs in the offer.</p> <p>Prepare schematic diagrams and instructions for use and maintenance of the installation. Instructions must be framed, glazed and displayed in a visible location in the heat substation.</p> <p>Label all installations in substations and technical rooms. All pipes and ducts must be marked with arrows and fluid type color coding according to standards, indicating flow direction.</p> <p>Participation in technical inspection of the building and compliance with the inspection committee's comments.</p>

Note that the contracted price with Directorate for payment for listed items is 23.150,35 EUR.

2. You must quote for all items under this invitation

Your price quotation must include the name of the purchaser to whom is submitted (name of potential purchaser), must be dated and stamped (if possible) and should be submitted by post, personally (in case of delivery by post or personally the offers must be submitted in 2 identical copies in paper and electronic version in closed envelop with remark: DO NOT OPEN – offer for the recipient Shamade – Co doo, Procurement of equipment for the production plant and specialized vehicles or electronically at the following address:

 Directorate for Payments	Policy Area Agriculture and Rural Development	UNIT FOR TECHNICAL AND ECONOMIC ANALYSIS	
	Version No: 1.0		
Ministry of Agriculture, Forestry and Water Management of Montenegro		DP-UTEA-00-04	Page 7 of 9

Directorate for Payments Address

Moskovska 101 81000 Podgorica

E-mail: dostavljanje.ponuda@mpsv.gov.me

Telephone: 00 382 20 672 026; 00 382 67 205 790

3. Your quotation in duplicate and in Montenegrin/Serbian language, should be accompanied by adequate technical documentation and catalogue(s) and other printed material or pertinent information (in Montenegrin/Serbian language) for each item quoted, including names and addresses of firms providing service facilities in Montenegro (name of the country).
4. Each bidder must submit only one bid. Bids must be submitted by existing companies which have no proprietary, kinship or partnership with the recipient. The Bidder must also provide proof of registration for the activity for which it is performed

Bidders are responsible for the reality and reasonableness of the amount and truthfulness of the information provided in the offers

5. Rule of origin:

The rule of origin no longer applies for supplies and materials. However, this rule remains as a verification of the entity signing the Agreement. In the case of an entity (Article 11 of Regulation (EU) 2021/1529), it should be established in:

- Member States – 27-member states (Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden)
- To users listed in Annex I of Regulation (EU) 2021/1529 - (Algeria, Armenia, Azerbaijan, Belarus, Egypt, Georgia, Israel, Jordan, Lebanon, Libya, Republic of Moldova, Morocco, Occupied Palestinian Territory, Syria, Tunisia, Ukraine) . Union support in this area may also be used for the purpose of enabling the Russian Federation to participate in cross-border cooperation programs and other relevant multi-country indicative programmers, including as referred to in Article 13(6) and Article 21.
- Contracting parties to the Agreement on the European Economic Area (all member countries already listed above and Iceland, Liechtenstein and Norway)

 Directorate for Payments	Policy Area Agriculture and Rural Development	UNIT FOR TECHNICAL AND ECONOMIC ANALYSIS	
	Version No: 1.0		
Ministry of Agriculture, Forestry and Water Management of Montenegro		DP-UTEA-00-04	Page 8 of 9

- Countries included in Annex I of Regulation (EU) 2021/947; IPA beneficiary countries - (Albania, Bosnia and Herzegovina, Iceland, Kosovo, Montenegro, Republic of North Macedonia, Republic of Serbia and Republic of Turkey)
- Countries for which the Commission establishes reciprocal access to foreign aid

6. The deadline for receipt of your quotation (s) by the Purchaser at the addressed indicated in Paragraph 2 is: 29.08.2025. year.

7. Your quotation(s) should be submitted as per the following instructions:

(i) **PRICES:** The prices should be quoted for delivery **CIP** Dalmatinska 146 Podgorica (place of destination) for imported goods or **EXW** for domestically supplied goods plus the price of delivery to the place of destination, according to INCOTERMS, 2010. Prices should be quoted in Euro.

(ii) **EVALUATION OF QUOTATIONS:** Offers determined to be substantially responsive to the minimal technical specifications will be evaluated by comparison of total price.

In evaluating the quotations, the Purchaser will determine for each proposal the evaluated price by adjusting the price quotation by making any correction for any arithmetical errors as follows:

(a) where there is a discrepancy between amounts in figures and in words, the amount in words will govern;

(b) where is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern;

(c) if a Supplier refuses to accept the correction, his quotation will be rejected.

Also, amounts stated in the offers must will be expressed in EYP, each offer/quotation must clearly indicate if the Value Added Tax (VAT) is included in the price and the amount and percentage of the VAT. The VAT percentage should be indicated for the country of Supplier.

(iii) **AWARD OF PURCHASE ORDER:** The award will be made to the bidder that meets the required standards of technical and financial capabilities. The successful bidder will sign a Contract with the Purchaser. The Contract has to be signed by both parties and stamped and it should include the stipulations for:

- the date of signing,
- the exact information of the name of the purchaser and the supplier,

 Directorate for Payments	Policy Area Agriculture and Rural Development	UNIT FOR TECHNICAL AND ECONOMIC ANALYSIS	
	Version No: 1.0		
Ministry of Agriculture, Forestry and Water Management of Montenegro		DP-UTEA-00-04	Page 9 of 9

- the name of the investment,
- the total price of the investment in figures and in the words without VAT,
- the deadline of the finalization and/or delivery of the investment,
- the warranty deadline and conditions

(iv) VALIDITY OF THE OFFER: Your quotation(s) should be valid for at least a period of forty five (45) days from the deadline for receipt of quotation(s).

8. Further information can be obtained from:

DEJAN KNEŽEVIĆ

Telephone: 067-271-674

Fax: _____

E-mail: plana@t-com.me

