

In accordance with the tender Business Development and Innovation Croatia and all accompanying legal and legislative acts, DRACO D.O.O. with the project Advanced and environment-friendly plant for production wastewater technological treatment supported by a grant from Norway through the Norwegian Financial Mechanism 2014-2021, in the frame of the Programme “Business Development and Innovation Croatia”, announces

Open tender

for acquisition of Advanced and environment-friendly plant for wastewater technological treatment

1. Information about Contracting Project Promotor

Name of the Contracting Project Promotor:	DRACO D.O.O.
Address:	Draškovićeva 4, 21210, Solin
VAT no:	08658331098
Contact person:	Ante Jukić
Contact person e-mail:	ante.jukic@dracopro.com

Communication and any other exchange of information between the Contracting Project Promotor and the economic operators shall be in writing. A written request of interested economic entities for clarification should be sent to e-mail: ante.jukic@dracopro.com

The principle of transparency, avoidance of conflict of interest and free competition will be respected through this procurement procedure.

The company DRACO D.O.O. (Contracting Project Promotor) is associated with the following entities and they cannot submit an offer for this open tender:

1. DRACO GRUPA d.o.o., OIB: 40795773556, 21210 Solin, Draškovićeva 4
2. PALIR d.o.o., OIB: 86173090892, 21210 Solin, Draškovićeva 4
3. ABSOLVERIS d.o.o., OIB: 99550317511, 21000 Split, Ban Mladenova 23

2. Procurement data (open tender data)

Name of the Programme:	Business Development and Innovation Croatia
Name of the project:	Acquisition of Advanced and environment-friendly plant for wastewater technological treatment
Title of the procurement procedure: Open tender	Open tender for advanced and environment-friendly plant for wastewater technological treatment
Date of the publication of procurement procedure:	22.11.2023.
Deadline for submission of bids:	07.12.2023., December 07, 2023
Date of decision:	Contracting Project Promotor will analyse offers and make decision in 5 days after the deadline. After decision, the Contracting Project Promotor will inform bidders about decision. Bidders will have 5 days for making appeal. Contracting Project Promotor will send contract to the bidder who wins the tender. Contract must be signed within 10 days after the decision.
Procurement number:	2022/340872-01
Documentation:	Procurement documentation is an integral part of this Call and is published on official web page of company DRACO D.O.O. The documentation consists of:

	<ul style="list-style-type: none"> - Open tender - Form 1: Bid sheet (document to be filled in by all bidders, all items must be filled in for the bid to be valid) - Form 2: Budget for acquisition of a vacuum dissolver set (document to be filled in by all bidders, all items must be filled in for the bid to be valid).
Estimated value of procurement:	102.000,00 EUR
Method of payment:	<p>50% - payment within 3 days after order confirmation (Supplier will issue payment insurance instrument – debenture)</p> <p>25% - payment within 7 days after production of machinery. Supplier will notify (in written) that the whole subject of the contract is produced and prepared for delivery</p> <p>25% payment within 30 days of machinery assembling, conducted training to DRACO staff and signing Handover report</p>

3. Information about the subject of procurement

Subject of procurement is cost: Acquisition of Advanced and environment-friendly plant for wastewater technological treatment. This investment is carried out for the implementation of the project Advanced and environment-friendly plant for wastewater technological treatment within the tender Business Development and Innovation Croatia. The project is supported by the Norwegian

Financial Mechanism 2014-2021, within the Business Development and Innovation Croatia Programme.

Subject of the procurement procedure is:

- Acquisition of Advanced and environment-friendly plant for wastewater technological treatment:
 - Technical specification:
 - The system must be based on vacuum evaporation (or equivalent) procedure and must have following characteristics:
 - Compact design for easy installation and easy access to the device
 - Low temperature based process = low contact temperature thanks to the high level of vacuum and heat pump technology (distillate output temperate 20°C+/- 1°C, boiling point temperature 35°C+/-1°C - 40°C+/-1°C)
 - Piping, valves, pumps and any flanged component should have adequate sealing over time, and access for easy intervention (when needed)
 - FAT (or equivalent) is supplied with the system
 - Easy access to internal parts
 - Automated foam control system
 - Superconcentration system for obtaining semi-solid or dry concentrate
 - Touch panel with display of functions and operating settings that can be monitored and changed
 - Possibility of program maintenance
 - Fully automated process
 - HMI Siemens (or equivalent) control system
 - Simple display and access to control functions

- Possibility of remote monitoring
- Monitoring of pressure, temperature and other values with analog control
- Visualization of values on the HMI screen
- Certified materials
- Certificate for every type of welding
- Guarantee of traceability of the material used (eg: 10204: 3.1 for stainless steel (or equivalent))
- High accuracy according to the production standard in accordance with the strictest regulations (ISO EN 3834; or equivalent)
- Quality check during production (NDT (or equivalent) on welding, individual check of each boiler and element under pressure) by issuing special certificates (PED Directive for pressure equipment - or equivalent)

Technical requirements:

- Device capacity 500 l \pm 0,5 l/day
- Distillate capacity 21 l/h \pm 0,5 l
- Total capacity in 24 hours 500 l/day \pm 0,5 l
- Installed power 6.2 kW \pm 5%
- Connection 400/3/50 \pm 1%
- Compressed air 7 bar \pm 0,2 bar
- Dimensions (length x width x height) - 2600 x 1600 x 2300 mm \pm 5%
- Built-in dimensions (length x width x height) - 4000 x 2800 x 2500 mm \pm 0,1%
- Working level 200 L \pm 0,5 L

Basic connections

- Waste water connection 1" \pm 0,2%
- Distillate output ½" \pm 0,2%

- Concentrate outlet 2" +/- 0,2%
- Compressed air Ø8 mm +/- 0,1%
- Clean water connection ½" +/- 0,2%
- Antifoam connector ½" +/- 0,2%

Material quality requirements

- The material and equipment to be installed must meet the standards. For all devices, appropriate certificates are delivered within the equipment.
- The material (from which the system is made) must have an accompanying guarantee for the material used (e.g. 10204:3.1 for SST - or equivalent), high accuracy according to production standard ISO EN 3834 - or equivalent, control quality during production (NDT - or equivalent on welding) possessing specific certificates (PED - or equivalent).
- Boiling vessel: AISI 316 certified (or equivalent)
- Heat exchanger AISI316/316L certified (or equivalent)
- Base: Reinforced base AISI 304 (or equivalent)
- PLC and operational panel: Siemens (or equivalent)
- Valves: AISI 316 (or equivalent)
- Connecting pipelines: PVDF/PVC (or equivalent)
- Distillate tank: AISI 316 (or equivalent)
- Cable glands: PVC (or equivalent)
- Condensation exchanger: AISI 316L (or equivalent)
- Vacuum circuit: 1.4401/1.4404/PVC/FPM (or equivalent)
- Vacuum pump: AISI 316 (or equivalent)
- Vacuum valves: PVC/FPM (or equivalent)

Operational conditions

- Max product inlet temperature: 10-30°C +/- 1°C

- Outlet temperature of the distillate: 15-20°C +/- 1°C
- Outlet temperature of the concentrate: 35-40°C +/- 1°C

Mandatory documentation:

- Instruction manual (or equivalent)
- CE certificate (or equivalent)
- Floor plan with dimensions (or equivalent)
- Flow charts (or equivalent)
- Hydraulic and pneumatic P&ID (or equivalent)
- Electrical diagram (or equivalent)
- Manuals on the main components (or equivalent)
- The system must comply with current regulations and Croatian standards, as well as other standards in areas not covered by Croatian standards (EN, DIN, VDI, BS, ISO; or equivalent to them)

The system must reach following outputs:

- Reduce at least 90% +/-5% of whole waste water quantity
- Reduce at least 95% +/-5% of KpK (chemical oxygen demand)
- Output quality (distillate) must be adequate for re-use in technical process

4. Instructions for making an offer

Deadline for submission of bids:	07.12.2023., December 07 2023
Place of bid submission:	<p>The bid must be submitted by e-mail by December 07 2023:</p> <p>- to the e-mail address: ante.jukic@dracopro.com</p> <p>Only offers sent to the e-mail address ante.jukic@dracopro.com are valid offers.</p>

Place of delivery of subjects of procurement:	DRACO production plant (DRACO d.o.o., Prisike 29, 21203 Gornji Muc, Croatia) or nearest port (parity CIF Split Croatia).
Warranty:	12 months
Delivery:	120 days after Contract signature
Service:	After 12 months warranty, possibility for lifelong service needs to be available.
Bid selection criteria and bid evaluation methodology:	<p>Lowest price</p> <p>If two or more valid bids are ranked equally according to the bid selection criteria, the Contracting Project Promotor will select the bid received earlier.</p>
How to make an offer:	<p>Bids must be written in English and Latin script. The bid must meet all the requirements from this open tender, from Form 1 Bid Sheet and from Form 2.</p> <p>The bid must consist of:</p> <ul style="list-style-type: none"> - the Form 1: filled in, signed and stamped and - the Form 2: filled in, signed and stamped. <p>Currency is EUR.</p>
Mandatory elements of the offer:	<p>Form 1: Bid sheet</p> <ul style="list-style-type: none"> - document to be filled in by all bidders - all items must be filled in for the bid to be valid - document needs to be signed and stamped <p>Form 2: Budget</p> <ul style="list-style-type: none"> - document to be filled in by all bidders - all items must be filled in for the bid to be valid - document needs to be signed and stamped

Method of payment:	<p>50% - payment within 3 days after order confirmation (Supplier will issue payment insurance instrument – debenture)</p> <p>25% - payment within 7 days after production of machinery. Supplier will notify (in written) that the whole subject of the contract is produced and prepared for delivery</p> <p>25% payment within 30 days of machinery assembling, conducted training to DRACO staff and signing Handover report</p>
---------------------------	--

Attachments:

- Form 1 Bid sheet
- Form 2 Budget

Solin, November 22, 2023.