



Invitation to Bid 10022504

	From: Mariyana Bratovanova
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	Date: 15.04.2024
Re:	Bid for purchase and delivery of goods/ services
	pages: 8

Please reply urgently

Dear ladies and gentlemen,

Please within **5 working days**, valid as of the date of this invitation, propose a bid containing technical and financial proposal for the following service:

Proficiency Test (PT) provider accredited in accordance with EN ISO/IEC 17043 or an equivalent as per the enclosed table.

The bids can be submitted for one or several LOTS.

Detailed technical specifications and requirements: in accordance with the enclosed table.

Requirements to the Tenderers:

The Tenderer must be an accredited laboratory in accordance with the requirements of ISO 17043 or equivalent in the field the service was requested by the LTC. The scope of accreditation should include the matrices, for which the LTC wishes to participate. The scope of accreditation should include the indicated parameters for testing from the table – terms of reference.

The tendered shall present a copy of a valid certificate for accreditation under ISO 17043 or equivalent and a copy of the accreditation order. The specified documents must be valid for no less than one year from the date of submission of the bid.

1. The bid shall include:

- 1.1. The tendered should present a copy of a valid certificate for accreditation under ISO 17043 or equivalent and a copy of the accreditation order. The specified documents must be valid for no less than one year from the date of submission of the bid.
- 1.2. A filled-in Table "Terms of Reference" in the part "Tenderer's proposal", offering of a suitable round and period for participation in compliance with the criteria set by the Contracting Authority. The proposals of the Tenderer should meet the requirements of the Contracting Authority specified in the part "Requirement of the Contracting Authority" in the same table "Terms of Reference" for each parameter./ as per Appendix 1
- 1.3. The price proposal – The Tenderer shall fill in each row in column "Offered price in BGN, exclusive of VAT, with included delivery of PT tests and transport" from the Price Table as per Appendix 2.
- 1.4. Validity period of the bid – in calendar days, not less than 60 days from the date of receiving the bid;

2. Place to provide the service:

The laboratory of the Contracting Authority – at the following addresses:

- 2.1. LTC, Potable Water Unit at Bistritsa PWTP, Bunkera villa zone, 2 Hotnishki Vodopad Str., administrative building, fl.3.
- 2.2. LTC, Wastewater Unit at Kubratovo WWTP, Benkovski r.q., administrative building.

3. Requirements to the performance of the services subject to the procurement:

- 3.1. The services subject to the contract, shall be performed after written assignment by the Contracting Authority to the Contractor.
- 3.2. The reports from the conducted tests shall be obtained within 20 days via email after the reporting of the result by the Contracting Authority in the Contractor's platform.
- 3.3. For the duration of the contract, the planned number of samples is not guaranteed and is for information only.

4. Prices and financial terms:

The following shall be indicated in the price table:

- 3.1. The tenderer shall indicate in the price table the round, the period of participation and the Unit Price in BGN, VAT excl.

3.2. In the formation of its price proposal, the tenderer should take into account the following: Unit prices must be exclusive of VAT, rounded to the second decimal place and expressed in Bulgarian leva (BGN).

Prices must include all costs and fees payable by Sofiyska Voda AD.

Prices must be end prices.

3.3. The offered price shall include the costs of transportation/supply of the PT tests to the Contracting Authority's Laboratory.

4. Enclosed to this invitation to bid are the Terms of Purchase of Sofiyska Voda AD, in accordance with which the selected contractor must complete the order. The terms are published on:
www.sofiyskavoda.bg.

5. Payment method: 100% after performance of the service, within 60 days of receipt of a correctly completed invoice.

6. Instructions for submission of the bid: within the period for submission of bids by email stated above.

7. The received bids shall be evaluated on the basis of the following indicators and assessment methodology: "lowest proposed price". The tenderer shall complete each separate row in the column "Offered price in BGN, exclusive of VAT, with included delivery of PT tests and transportation" from the Price Table. The evaluated price proposal of each admitted participant shall be obtained as the prices from each row of the specified column are added up. The tenderer with the lowest sum in cell "Total" shall be ranked first.

8. Bids, which do not meet the requirements set in the invitation, will not be evaluated!

Yours sincerely,

Mariyana Bratovanova
Senior Procurement Specialist

Svilen Gabrovski
Logistics and Procurement Director

1. **Appendix 1** Table "Terms of Reference":

LOT	Parameter Requirements	Matrix	Concentration range	Quantity of the supplied material	Planned participation – approximate periods	TECHNICAL PROPOSAL OF THE TENDERER
LOT 1	Benzene, Toluene and Xylenes	Clean Water	Benzene 1,2 ng/L; Toluene 3ng/L; Ethylbenzene 3ng/L; Styrene 3 ng/L; o-Xylene 3ng/L; m-Xylene 3ng/L p-Xylene 3ng/L Total Xylene 9ng/L m-+ p-Xylene 6ng/L MTBE (methyl tert-butyl ether) 10 ng/L	2 x 1L groundwater sample 1 x 10mL spiking solution	AQ 668 June	
LOT 2	Haloforms and Chlorinated Solvents	Clean Water	Chloroform 120µg/L Bromodichloromethane 120µg/L Dibromochloromethane 120µg/L Bromoform 120µg/L Trichloroethene 12µg/L Tetrachloroethene 12µg/L Carbon Tetrachloride 3,6µg/L 1,2-Dichloroethane 3,6µg/L	2 x 1L groundwater sample 1 x 10mL spiking solution	AQ 668 June	
LOT 3	Cadmium Lead Nickel Selenium Arsenic Antimony Mercury Cobalt Vanadium Chromium Molybdenum Tin	Clean Water	Cadmium 5µg/L Lead 50 µg/L Nickel 20µg/L Selenium 5µg/L Arsenic 10µg/L Antimony 5µg/L Mercury 1µg/L Cobalt 10µg/L Vanadium 10µg/L Chromium 25µg/L Molybdenum 25µg/L Tin 20µg/L	1 x 500mL metals sample containing all analytes except mercury and tin 1 x 30mL mercury spiking solution (Preserved in 0.2% HCl acid) 1 x 30mL tin spiking solution	AQ 668 June	
LOT 4	Transport cost PT-AQ_PT-AQ-06C_PT-AQ-6A_PT-AQ-05G					
LOT 5	Bromate;Chlorate;Chlorite	Clean Water	Bromate- 2-12µgBrO3/L; Chlorate20-100µgClO3/L; Chlorite20-100µgClO2/L	4 x 30mL spiking solutions for bromide, bromate, chlorite and chlorate (high and low level spiking solutions)	AQ 666 May	

LOT 6	Total Chlorine	Clean Water	Total Chlorine 0,5 mgCl ₂ /L	1 x 500mL matrix water sample 1 x 10mL total chlorine spiking solution and 1 x 30mL plastic bottle (to be used for mixing solutions)	AQ 666 May
LOT 7	Transport cost PT-AQ-3A_PT-AQ-3C				
LOT 8	Taste and odour	Clean Water	Taste and odour	1 x 500mL sample for determination of taste 1 x 1L sample for determination of odour	AQ 673 September
LOT 9	Transport cost PT-AQ-3A6				
LOT 10	Iron, Manganese, Copper, Aluminium, Zinc, Silver, Barium, Boron, Strontium, Lithium	Clean Water	Iron 1000 µg/L, Manganese 100 µg/L, Copper 50µg/L, Aluminium 100µg/L, Zinc 150µg/L, Silver 10µg/L, Barium 500µg/L, Boron 500µg/L, Strontium 600µg/L, Lithium 50µg/L	1 x 500mL metals sample containing all analytes except silver 1 x 30mL silver spiking solution	AQ 676 October
LOT 11	Transport cost PT-AQ-4G				
LOT 12	AOX in Wastewater	Wastewater	AOX 2-10mgCl/L	1 x 10mL spiking solution 1 x 500mL synthetic effluent matrix	AQ 674 September
LOT 13	Transport cost PT-AQ-27				

LOT 14	<p>Arsenic; Cadmium; Chromium; Copper; Lead; Mercury; Molybdenum; Nickel; Vanadium; Zinc; Selenium; Total boron; Water extractable boron; Fluoride; Total nitrogen; Total phosphorus; Total potassium; Cobalt; Iron; Manganese; Total solids; Loss on ignition; pH at 20-25°C; Extractable phosphorus; Extraction of potassium; Extraction of magnesium; Extraction of sodium; Organic carbon content; Conductivity; Carbonate content</p>	Soils	<p>Arsenic 20mg/kg; Cadmium 1 mg/kg; Chromium 100mg/kg; Copper 40mg/kg; Lead 50mg/kg; Mercury 0,5mg/kg; Molybdenum 4mg/kg; Nickel 40mg/kg; Vanadium 100mg/kg; Zinc 150mg/kg; Selenium 1mg/kg; Total boron 100mg/kg; Water extractable boron 10mg/kg; Fluoride 100mg/kg; Total nitrogen 4000mg/kg; Total phosphorus 1000mg/kg; Total potassium 6000mg/kg; Cobalt 20mg/kg; Iron 30 000mg/kg; Manganese 1000mg/kg; Total solids 100%; Loss on ignition 20%; pH at 20-25°C 10; Extractable phosphorus 50mg/kg; Extraction of potassium 250mg/kg; Extraction of magnesium 500mg/kg; Extraction of sodium 200mg/kg; Organic carbon content 10%;</p>	1 x 100g soil sample	AQ 673 September
LOT 15	Transport cost PT-AQ-14				
LOT 16	<p>Total aerobic microorganisms count 22 & 37°C; Enumeration of Escherichia coli; Enterococci (faecal streptococci); Pseudomonas aeruginosa</p>	Mineral water	<p>Total aerobic microorganisms count 22 & 37°C 0 to 10,000cfu/ml; Enumeration of Escherichia coli 0 to 10,000 cfu/250ml; Enterococci (faecal streptococci) 0 to 10,000cfu/250ml; Pseudomonas aeruginosa 0 to 10,000cfu/250ml</p>	10ml vial (to be resuscitated to final volume of up to 10 x 1 litre)	WT342 07 Oct 2024- 11 Nov 2024
LOT 17	<p>Detection of somatic coliphages; Optional quantification of somatic coliphages</p>	Potable water NEW	<p>Detection of somatic coliphages; Optional quantification of somatic coliphages</p>	2 x lyophilized samples (exact format TBC)	WT342 07 Oct 2024- 11 Nov 2024
LOT 18	Transport cost PT-AQ_PT-WT-420_431				

LOT 19	Detection of coagulase-positive staphylococci; Detection of sulphite-reducing; Detection of sulphite-reducing Clostridia spores ONLY	Mineral water	Detection of coagulase-positive staphylococci 0 to 1,000 Detected/Not Detected 250ml Detection of sulphite-reducing Clostridia 0 to 1,000 Detected/Not Detected 250ml Detection of sulphite-reducing Clostridia spores ONLY 0 to 1,000 Detected/Not Detected 250ml	10ml vial (to be resuscitated to final volume of 1 litre)	WT337 13 May 2024- 17 Jun 2024
LOT 20	Salmonella/E.coli in Effluent sludge	sludge	Detection of Salmonella species 0 to 10,000 Detected/Not Detected 100ml Enumeration of Escherichia coli 0 to 10,000 cfu/ml	2 x 10g simulated sludge sample	WT337 13 May 2024- 17 Jun 2024
LOT 21	Transport cost PT-AQ_PT-WT-424_416				
LOT 22	Legionella species in Industrial waters	Industrial waters	Enumeration of Legionella species by culture (membrane filtration) 0 to 100,000cfu/L Enumeration of Legionella species by culture (direct count) 0 to 100,000cfu/L Detection of Legionella species 0 to 100,000 Detected/Not Detected L Enumeration of Legionella species by PCR All genomic units/L Identification of Legionella species 0 to 100,000 NA	1 x 10ml vial (to be resuscitated to final volume of up to 10 x 1 litre)	WT341 09 Sep 2024 -14 Oct 2024
LOT 23	Transport cost PT-AQ_PT-WT-418				

Appendix 2 Price Table:

LOT	Parameter Requirements	Matrix	Concentration range	Quantity of the supplied material	Planned participation – approximate periods	TECHNICAL PROPOSAL OF THE TENDERER	Price proposed by the tenderer in EUR*
LOT 1	Benzene, Toluene and Xylenes	Clean Water	Benzene 1,2 ng/L; Toluene 3ng/L; Ethylbenzene 3ng/L; Styrene 3 ng/L; o-Xylene 3ng/L; m-Xylene 3ng/L p-Xylene 3ng/L Total Xylene 9ng/L m-+ p-Xylene 6ng/L MTBE (methyl tert-butyl ether) 10 ng/L	2 x 1L groundwater sample 1 x 10mL spiking solution	AQ 668 June		
LOT 2	Haloforms and Chlorinated Solvents	Clean Water	Chloroform 120µg/L Bromodichloromethane 120µg/L Dibromochloromethane 120µg/L Bromoform 120µg/L Trichloroethene 12µg/L Tetrachloroethene 12µg/L Carbon Tetrachloride 3,6µg/L 1,2-Dichloroethane 3,6µg/L	2 x 1L groundwater sample 1 x 10mL spiking solution	AQ 668 June		
LOT 3	Cadmium Lead Nickel Selenium Arsenic Antimony Mercury Cobalt Vanadium Chromium Molybdenum Tin	Clean Water	Cadmium 5µg/L Lead 50 µg/L Nickel 20µg/L Selenium 5µg/L Arsenic 10µg/L Antimony 5µg/L Mercury 1µg/L Cobalt 10µg/L Vanadium 10µg/L Chromium 25µg/L Molybdenum 25µg/L Tin 20µg/L	1 x 500mL metals sample containing all analytes except mercury and tin 1 x 30mL mercury spiking solution (Preserved in 0.2% HCl acid) 1 x 30mL tin spiking solution	AQ 668 June		
LOT 4	Transport cost PT-AQ_PT-AQ-06C_PT-AQ-6A_PT-AQ-05G						
LOT 5	Bromate;Chlorate;Chlorite	Clean Water	Bromate- 2-12µgBrO3/L; Chlorate20-100µgClO3/L; Chlorite20-100µgClO2/L	4 x 30mL spiking solutions for bromide, bromate, chlorite and chlorate (high and low level spiking solutions)	AQ 666 May		
LOT 6	Total Chlorine	Clean Water	Total Chlorine 0,5 mgCl2/L	1 x 500mL matrix water sample 1 x 10mL total chlorine spiking solution and 1 x 30mL plastic bottle (to be used for mixing solutions)	AQ 666 May		

LOT 7	Transport cost PT-AQ-3A_PT-AQ-3C						
LOT 8	Taste and odour	Clean Water	Taste and odour	1 x 500mL sample for determination of taste 1 x 1L sample for determination of odour	AQ 673 September		
LOT 9	Transport cost PT-AQ-3A6						
LOT 10	Iron, Manganese, Copper, Aluminium, Zinc, Silver, Barium, Boron, Strontium, Lithium	Clean Water	Iron 1000 µg/L, Manganese 100 µg/L, Copper 50µg/L, Aluminium 100µg/L, Zinc 150µg/L, Silver 10µg/L, Barium 500µg/L, Boron 500µg/L, Strontium 600µg/L, Lithium 50µg/L	1 x 500mL metals sample containing all analytes except silver 1 x 30mL silver spiking solution	AQ 676 October		
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LOT 15	Transport cost PT-AQ-14							
LOT 16	Total aerobic microorganisms count 22 & 37°C; Enumeration of Escherichia coli; Enterococci (faecal streptococci); Pseudomonas aeruginosa	Mineral water	Total aerobic microorganisms count 22 & 37°C 0 to 10,000cfu/ml; Enumeration of Escherichia coli 0 to 10,000 cfu/250ml; Enterococci (faecal streptococci) 0 to 10,000cfu/250ml; Pseudomonas aeruginosa 0 to 10,000cfu/250ml	10ml vial (to be resuscitated to final volume of up to 10 x 1 litre)	WT342 07 Oct 2024- 11 Nov 2024			
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LOT 19	Detection of coagulase-positive staphylococci; Sulphite-reducing Clostridia; Sulphite-reducing Clostridia spores ONLY	Mineral water	Detection of coagulase-positive staphylococci 0 to 1,000 Detected/Not Detected 250ml Detection of sulphite-reducing Clostridia 0 to 1,000 Detected/Not Detected 250ml Detection of sulphite-reducing Clostridia spores ONLY 0 to 1,000 Detected/Not Detected 250ml	10ml vial (to be resuscitated to final volume of 1 litre)	WT337 13 May 2024- 17 Jun 2024			
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LOT 23	Transport cost PT-AQ_PT-WT-418							
							Total EUR	

