United Nations Development Programme
Programul Națiunilor Unite pentru Dezvoltare

Invitation to Bid
ItB26/03170

AMENDMENT NO. 2

Ref. no. **ItB26/03170** Date: **6 February 2026**

Subject: ITB26/03170: Strengthening the Air Quality Monitoring Infrastructure in the Republic of Moldova

Dear Sir/Madam,

1. UNDP is hereby publishing additional Questions & Answers to the queries received during the advertising period.

2. UNDP Moldova is hereby publishing **Amendment no. 2 to the Invitation to Bid document.** The Amendment operates changes under the **Annex 1: Equipment, Services and Technical Specifications, Form H: Price Schedule/Consumables and spare parts and Annex 2: Technical Responsiveness Table** as below:

   - **Annex 1: Equipment, Services and Technical Specifications / Consumables and spareparts_2y** is amended to introduce differentiate calibration gas cylinders with valves SO2, NO and CO and their specific requirements. The change is marked in red:

~~3 calibration gase cylinders with valve SO2 (1), NO (1), CO (1) of 10 l each. The concentration of the gases according to the offered equipment.~~ 1 calibration gase cylinder with valve SO2 of 10 l. The concentration of the gas according to the offered equipment. Gas cylinder SO2 approx (depends on the offeres equipment) 30 ppm in synthetic air or nitrogen (full pressure: 150 bar, stability period: minimum 12 months, accuracy: ± 2 % maximum), pressure reducer.	
1 calibration gas cylinder with valve NO of 10 l. The concentration of the gas according to the offered equipment. Gas cylinder NO approx. (depends on the offeres equipment) 30 ppm in synthetic air or nitrogen (full pressure: 150 bar, stability period: minimum 12 months, accuracy: ± 2 % maximum), pressure reducer.	

1 calibration gas cylinder with valve CO of 10 l . The concentration of the gases according to the offered equipment. Gas cylinder CO approx. (depends on the offered equipment) 500 ppm in synthetic air or nitrogen (full pressure: 150 bar, stability period: minimum 12 months, accuracy: ± 2 % maximum), pressure reducer.	

- **Annex 1: Equipment, Services and Technical Specifications / Technical Specifications** sheet is amended to add 3 positions of technical specifications. The change is marked in red:

45	Calibration gas cylinder with valve SO2	1. Volume: 10 l. 2. The concentration of the gas according to the offered equipment. 3. Gas cylinder NO approx. (depends on the offered equipment) 30 ppm in synthetic air or nitrogen (full pressure: 150 bar, stability period: minimum 12 months, accuracy: ± 2 % maximum), pressure reducer.
46	Calibration gase cylinder with valve NO	1. Volume: 10 l. 2. The concentration of the gas according to the offered equipment. 3. Gas cylinder NO approx. (depends on the offered equipment) 30 ppm in synthetic air or nitrogen (full pressure: 150 bar, stability period: minimum 12 months, accuracy: ± 2 % maximum), pressure reducer.
47	Calibration gas cylinder with valve CO	1. Volume: 10 l. 2. The concentration of the gas according to the offered equipment. 3. Gas cylinder CO approx. (depends on the offered equipment) 500 ppm in synthetic air or nitrogen (full pressure: 150 bar, stability period: minimum 12 months, accuracy: ± 2 % maximum), pressure reducer.

- **Form H: Price Schedule/Consumables and spare parts** is amended to introduce differentiate calibration gas cylinders with valves SO2, NO and CO. The change is marked in red:

~~3 calibration gase cylinders with valve SO2 (1), NO (1), CO (1) of 10 l each. The concentration of the gases according to the offered equipment.~~ 1 calibration gase cylinders with valve SO2 of 10 l. The concentration of the gas according to the offered equipment. Gas cylinder SO2 approx (depends on the offeres equipment) 30 ppm in synthetic .air or nitrogen (full pressure: 150 bar, stability period:				0

minimum 12 months, accuracy: ± 2 % maximum), pressure reducer.				
1 calibration gase cylinders with valve NO of 10 l. The concentration of the gas according to the offered equipment. Gas cylinder NO approx. (depends on the offeres equipment) 30 ppm in synthetic air or nitrogen (full pressure: 150 bar, stability period: minimum 12 months, accuracy: ± 2 % maximum), pressure reducer.				0
1 calibration gase cylinder with valve CO of 10 l . The concentration of the gases according to the offered equipment. Gas cylinder CO approx. (depends on the offeres equipment) 500 ppm in synthetic air or nitrogen (full pressure: 150 bar, stability period: minimum 12 months, accuracy: ± 2 % maximum), pressure reducer.				0

- **Annex 1: Equipment, Services and Technical Specifications / Consumables and spareparts_2y** is amended to add a new identified position required under the ITB. The change is marked in red:

Sampling lines (material - teflon) to be changed every 6 months		

- **Form H: Price Schedule/Consumables and spare parts** is amended to add a new identified position required under the ITB. The change is marked in red:

Sampling lines (material - teflon) to be changed every 6 months				0

- **Annex 1: Equipment, Services and Technical Specifications / Consumables and spareparts_2y** is amended to add a new line, **"Other (if needed)"**, where consumables and spare parts which were not initially identified can be included if required by the offered equipment. The change is highlighted in red.

Other (if needed)		

- **Form H: Price Schedule/Consumables and spare parts** is amended to add a new line, **"Other (if needed)"**, where consumables and spare parts which were not initially identified can be

included if required by the offered equipment. The change is highlighted in red.

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Other (if needed)				

- **Annex 1: Equipment, Services and Technical Specifications/Technical specification/ Automatic analyzer for PM10 and PM2,5** is amended to exclude the reference to Precision and to change the operating temperature. Changes are marked in red.

7	~~Precision: 1 µg/m3~~
10	Operating temperature: ~~0 – 50 °C~~ 5-40 °C

- **Annex 1: Equipment, Services and Technical Specifications/Technical specification/ Automatic analyzer for ozone (O3)** is amended to exclude the following (market in red):

9	~~Precision: £ 1 ppb~~
14	Output: Serial interface RS-232/RS-485 and USB interface, 1 Ethernet 10/100, status relays (failure, zero, span). ~~, optional selectable voltage, analogue voltage output, software selectable range, at least one 4-20 mA current output and power indication~~
20	~~Calibration unit: Ozone generator controlled via RS232 interface, multiple ozone levels from 0 to 500 ppb, MFC controlled gas flow 0 – 5 l/min~~

- **Annex 1: Equipment, Services and Technical Specifications/Technical specification/ Automatic analyzer for nitrogen oxides (NO, NO2, NOX)** is amended to exclude the following (market in red):

9	~~Precision: 0.5 % of reading~~
20	~~Calibration unit: Dilution unit for NO span gas (30 ppm) with integrated ozone generator for GPT, RS232 controlled, MFC controlled zero air flow 0 – 5 l/min, MFC controlled NO span gas flow 0 – 50 ml/min, gas cylinder approx. 30 ppm NO in N2 including pressure reducer (full pressure: 150 bar, stability period: minimum 12 months, accuracy~~

- **Annex 1: Equipment, Services and Technical Specifications/Technical specification/ Automatic analyzer for carbon monoxide (CO)** is amended to exclude the following (market in red):

9	~~Precision: 0.5 % of reading~~
14	Output: Serial interface RS-232/RS-485 and USB interface, 1 Ethernet 10/100, status relays (failure, zero, span) ~~optional selectable voltage, analogue voltage output, software selectable range, at least one 4-20 mA current output and power indication~~
20	~~Calibration unit: Dilution unit for CO span gas controlled via RS232, MFC controlled zero air flow 0 – 5 l/min, MFC controlled span gas flow 0 – 50 ml/min, gas cylinder CO approx. 80 ppm in synthetic air (full pressure: 150 bar, stability period: minimum 12 months, accuracy: ± 2 % maximum), pressure reducer~~

- **Annex 1: Equipment, Services and Technical Specifications/Technical specification/ Automatic analyzer for sulphur dioxide (SO2)** is amended to exclude the following (market in red):

7	~~Precision: 0.5 % of reading Not TL < 0.5 %~~

12	Output: Serial interface RS-232/RS-485 and USB interface, 1 Ethernet 10/100, status relays (failure, zero, span) ~~optional selectable voltage, analogue voltage output, software selectable range, at least one 4-20 mA current output and power indication~~
18	~~Calibration unit: Permeation system controlled via RS232 interface, temperature stability of permeation oven < 0.1°C, span gas flow 0 – 5 l/minute, MFC controlled flow, SO2 permeation tube approx. 250 ng/min at 50°C, lifetime of the permeation tube shall be at least 18 months.~~

- **Annex 1: Equipment, Services and Technical Specifications/Technical specification/ Automated online analyzer for volatile organic compounds (BTEX) – (benzene, toluene, ethylbenzene, and xylene)** is amended to change the Operation conditions/Temperature as follows (marked in red)**:**

Temperature: ~~–20 to +40 °C (station controlled environment).~~ 5-40°C

- **Annex 1: Equipment, Services and Technical Specifications/Technical specification/ Mini meteorological stations that measure wind direction, wind speed, temperature, atmospheric pressure, air humidity and solar radiation intensity)** is amended to change range of Air temperature sensor as follows (marked in red):

Range: ~~-40~~ -20… +60 °C (typical).

- **Annex 1: Equipment, Services and Technical Specifications/Technical specification/ Field calibrator** is amended to exclude the Calibration for O3 (marked in red):

~~Calibration of O3: Production of ozone by UV-radiation including the ozone photometer.~~

- **Annex 1: Equipment, Services and Technical Specifications/Technical specification/ Ozon Photometer** is amended to exclude the precision (marked in red):

~~Precision: 1.0 ppb~~

3. The revised Annex 2: Technical Responsiveness Table incorporates the changes implemented in the revised Annex 1: Equipment, Services and Technical Specifications.

4. The revised Annex 1: Equipment, Services and Technical Specifications, revised Form H: Price Schedule and revised Annex 2: Technical Responsiveness Table are enclosed for your reference. All amendments are marked in red for ease of identification. The revised Annex 1: Equipment, Services and Technical Specifications and revised Form H: Price Schedule also incorporate the changes introduced under Amendment No. 1, which remain marked in red.

5. All other terms and conditions of the solicitation documents, except as amended herein, shall remain unchanged and shall continue in full force and effect.