

## REQUEST FOR EXPRESSION OF INTEREST

18 July 2025

### REQUEST FOR EXPRESSION OF INTEREST (EOI) -DXB25.0144.EOI.HRD FOR EMERGENCY CLEAN WATER SUPPLY SOLUTIONS IN EUROPE AND WORLDWIDE FOR WATER SUSTAINABLE PROVISION AND TREATMENT IN THE ACUTE PHASE OF EMERGENCY.

**Closing on 30<sup>th</sup> July 2025 at 23:00 hrs UTC Time**

#### **A. Background**

1. The United Nations World Food Programme (WFP), headquartered in Rome, is a leading humanitarian organization providing food and essential support in emergencies to nearly 100 million people across 83 countries annually.
2. WFP-UNHRD, with depots in Ghana, Italy, UAE, Malaysia, Panama, and Spain, procures, stores, and transports emergency items for over 70 humanitarian partners.
3. WFP-UNHRD Brindisi seeks expressions of interest from qualified suppliers in Europe and worldwide to support rapid deployment of clean water systems in the early phase of emergencies (1-3 months), with sustainable and innovative water generation, treatment/purification/storage, and distribution solutions to be prepositioned in UNHRD Hubs or directly delivered in case of emergency. The quality of the water has to be aligned with WHO guidelines in reference.

#### **B. Purpose**

1. The purpose of this EOI is to identify suppliers with demonstrated technical and financial capacity to
  - a. **Deliver sustainable and innovative water generation, treatment/purification/storage, and distribution solutions during the acute phase of emergencies WHO guidelines for water safety compliant.**

Selected suppliers will prequalify for forthcoming tenders.

2. Eligibility Criteria:
  - a. Track record supplying relevant items in emergency or disaster settings
  - b. Operations within or capable of rapid deployment to the European area and UNHRD Network worldwide.

#### **C. Required Capabilities & Innovative Technologies**

We are particularly interested in suppliers offering innovative and sustainable clean water solutions suitable for rapid deployment:

1. Water Generation
  - a. Atmospheric Water Generators (AWGs)
  - b. Solar-powered groundwater pump systems – delivering 100~30,000 L/day scalable to remote communities using solar pumps and tanks
2. Water Treatment / Purification / Storage
  - a. Electrochemical on-site coagulation – for different water types (well to sea water)
  - b. Containerised solar micro-factories – eg. solar-powered purification plants producing ~150,000 L/month
  - c. Portable hybrid RO/UF units (well to sea water)
  - d. Portable “wall-mounted” purification modules
3. Distribution
  - a. Large-volume deployable storage/bladder systems – e.g. foldable 5,000-10,000-liters tanks and multi-output filling stations
  - b. Local purification franchises

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### Core Technical Specifications (for EOI requirements)

Category	Essential Specs
Production capacity	±10–10,000 L/day (desirable modular scale-up)
Usability	Quick learning curve, easy to use, user friendly instruction
Energy consumption	≤ 0.25 kWh/L (AWG); ≤ 60 kW solar for RO/UF
Purification	Multi-stage filters + UV/ozone; RO/UF membranes. Possibility to treat different types of water (e.g. well water/salted water) (multimodular?)
Deployment	Plug-and-play or container/trailer-packaged
Certifications	CE, ISO 9001, EU Water Directive, military grade where applicable
Materials	Food-grade outlet, anti-corrosion cases, plastic free, locally available or reusable
Monitoring	Remote telemetry (GPRS/Wi-Fi/cloud)
Power options	Grid, solar, wind, generator
Maintenance	Spare parts stock, consumables availability, remote support
Environmental suitability	Operating temp. 15–40 °C, ≥ 25–50% RH (AWG)
Rapid logistics	Air-liftable; deployable within 24–72 h
Water quality requirements	Ref. <a href="#">Guidelines for drinking-water quality, 4th edition, incorporating the 1st addendum</a>

### D. How to prepare and submit your Expression of Interest

- In order to participate in the pre-qualification exercise, companies are required to provide the following:  
**The filled-in EOI Response Form, which includes:**
  - Table 1. WFP Requirements
  - Table 2. Supplier Information;
  - Table 3. Supplier Financial Status;
  - Table 4. Supplier Relevant Experience;
  - Brochure/catalogue of interested item categories;
  - Business registration certificate and detailed company profile
  - Signatory by the authorized company representative and company stamp.
- All supporting documentation listed above shall be prepared in accordance with the instructions provided and sent by e-mail to [dubai.eoi@wfp.org](mailto:dubai.eoi@wfp.org)
- WFP will not consider incomplete or unsigned submissions. All responses and supporting documentation received will be treated as strictly confidential and will not be made available to the public.
- This request for EOI does not constitute a solicitation. WFP reserves the right to change or cancel this procurement process or any of its requirements at any time during the process; any such action will be communicated to all participants.
- Should you have any questions please do not hesitate to contact us at [dubai.eoi@wfp.org](mailto:dubai.eoi@wfp.org)

Yours sincerely,



Walid Ibrahim

UNHRD Network coordinator & OIC – Chief of Global Supply Chain Operational support center, Dubai  
The United Nations World Food Programme

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**EOI RESPONSE FORM****TABLE I. WFP REQUIREMENTS**

<b>A. Company / Organization's competencies/ capacities</b>			
	<b>List of WFP requirements/evaluation criteria</b> <b>Company should tick items that can be supplied and comments as well as brochure/catalogue of the same</b>	<b>Yes</b>	<b>Details/Comments</b>
	Please select the segment in which you can offer innovative solutions	<input type="checkbox"/>	
1	AWGs		
2	Solar Pumps	<input type="checkbox"/>	
3	Electrocoagulation	<input type="checkbox"/>	
4	Mobile Solar RO/UF	<input type="checkbox"/>	
5	Container Solutions	<input type="checkbox"/>	
6	Bladders & Distribution	<input type="checkbox"/>	
7	Social Franchise	<input type="checkbox"/>	

**TABLE II. SUPPLIER INFORMATION**

<b>B. Company / Organization's Background Information</b>			
1	Legal Name of Company/Organization:		
2	Full address:		
3	E-mail address:		
4	Website address:		
4	Telephone:	Fax:	
5	Contact person, title:	Tel./E-mail of contact person:	
6	Registration with UNGM	Yes <input type="checkbox"/> No <input type="checkbox"/>	UNGM No.
7	Type of Business	<input type="checkbox"/> Corporate/ Limited <input type="checkbox"/> Partnership <input type="checkbox"/> Other (specify):	
8	Goods / Services:		
9	Company/Organization Business Registration Number:	Date of Registration:	
10	Additional company/organization background information: [If applicable, insert not more than 100 words]		

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### B. Company / Organization's Background Information

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**TABLE III. SUPPLIER FINANCIAL STATUS**

### C. Company / Organization's Financial Status

Item	Value USD
Gross Turnover 2022	
Gross Turnover 2023	
Gross Turnover 2024	
<i>Maximum contract value in relation to which your Company can be engaged:</i>	
USD 0 – 30,000	<input type="checkbox"/>
USD 30,000 – 100,000	<input type="checkbox"/>
USD 100,000 – 500,000	<input type="checkbox"/>
above USD 500,000	<input type="checkbox"/>
Maximum "Bank Guarantee" amount available to the Company/Organization	
Last two years audited accounts or alternative assessed within WFP's discretion are attached to prove the information stated above	<input type="checkbox"/>

**TABLE IV. SUPPLIER RELEVANT EXPERIENCE**

List at least 4 contracts in the last two years relevant to the supply of sustainable and innovative water generation, treatment/purification/storage, and distribution solutions.

### D. Company / Organization's Relevant Experience

Commenced (Month / Year)	Completed (Month / Year)	Type of Contract	Total Value (USD)	Client

**TABLE V. SIGNATORY & ORGANIZATION STAMP**

### E. Signatory

Name of Company/Organization:	
Name of the authorized representative:	Signature:
Title:	Date: