

TERMS OF REFERENCE (TOR)

RESWATER Project – Interreg NEXT MED Programme

Non-Conventional Water Resources for Resilient Urban Water Management

1. Job Title

Senior National Technical Expert and Pilot Site Coordinator

2. Background & Context

RESWATER is developing decentralized Non-Conventional Water Resources (NCWR) demonstration sites in seven partner territories. In Egypt, the pilot is located in **Matrouh** and focuses on **rainwater harvesting** as a decentralized NCWR solution for resilient urban water management.

The pilot includes: (i) design and construction of the physical installation (undertaken by an external demo-site design consultant); (ii) monitoring of quantitative and qualitative performance; and (iii) integration of findings into Urban Water Management Plans (UWMPs) and policy recommendations under WP6 (supported by a specific WP6 external consultancy).

The assigned staff member is engaged as senior in-house technical staff to provide continuity, local technical authority, and coordination between the external consultants, the Ministry, local stakeholders, and the international partnership.

3. Objective of the Assignment

To ensure the scientific rigor, local applicability, and policy relevance of the Matrouh rainwater harvesting pilot by:

- Overseeing the technical adaptation and implementation of the demo site;
- Managing site-specific monitoring and data analysis;
- Bridging the external design consultant and WP6 policy consultancy with local institutional knowledge; and
- Embedding the pilot results into national and regional UWMP and capacity-building processes.

4. Specific Tasks & Responsibilities

- Participate in project coordination meetings
- Prepare technical inputs for all actual activities performed to feed the interim and final reports
- Participate in communication activities for the pilot unit

- Participate in living labs meetings
- Deliver training modules on NCWR
- Support in developing MOOC modules on NCWR topic
- Participate in reviewing technical specifications and BoQs
- Act as the on-site technical authority during procurement, construction, and commissioning of the pilot unit
- Participate in the development of the monitoring system of the pilot unit
- Participate in the review of the policy briefs

5. Required Qualifications & Competencies

Education: Ph.D. in Agricultural Sciences, Water Resources, or closely related field; post-doctoral experience in water systems.

Professional Experience: Minimum 10–15 years in water resources management, NCWR, managing pilots and demonstration projects and their monitoring; proven track record managing large-scale technical cooperation projects (e.g., EU framework projects).

Institutional Links: Established working relationships with MWRI, Egyptian universities, and regional water authorities; membership in national water-sector committees is an asset.

Project Management: Principal Investigator, including financial and contractual oversight of multi-partner initiatives.

Communication: Fluency in Arabic and English; proven ability to translate technical findings into policy-relevant recommendations and training materials.

IT & Tools: Proficiency in project reporting platforms, TEAMS, and standard engineering/analysis software.

6. Coordination Boundaries (Distinct from External Consultancies)

To ensure clarity and avoid double-financing:

Activity	The assigned staff member	External Consultant / Consultancy
Demo Site Design	Reviews, validates, and locally adapts designs; supervises construction.	External Demo-Site Design Consultant: Prepares detailed engineering designs, technical drawings, and tender documents.
WP6 Policy Documents	Provides technical data, local validation, and Egypt-specific policy inputs.	WP6 External Consultancy: Leads governance gap analysis and drafts the policy documents.

Monitoring & CFA	Designs protocol and manages local data collection/quality assurance.	WP5 lead team (Izmir/Murcia) undertakes comparative CFA across all sites.
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6-A. Required Reports and Deliverables:

1. Quarterly Reports: A detailed report (10–15 pages) including analysis of monitoring data, progress of works, and preliminary recommendations, submitted in both English and Arabic.
2. Final Staff Member Report: A comprehensive final report (30–40 pages) documenting the entire experience, lessons learned, and final policy recommendations, along with a digital file containing all raw data and final designs.

7. Contract Duration and Payment Method

7.1 Contract Duration:

- The contract shall be annual, valid for one calendar year and renewable based on the staff member's satisfactory performance, availability of EU programme funds, and the actual needs of the project.
- The first contractual year begins on the date of contract signing. Renewal for an additional year (up to the total project duration) is subject to a positive annual performance evaluation.

7.2 Annual Working Days Ceiling:

- The total number of working days required from the staff member during any single contractual year shall not exceed eighty (75) working days.
- These days shall be distributed throughout the year according to the approved work plan and project needs, taking into consideration peak periods (e.g., construction supervision and field data collection) and lower-intensity periods (e.g., reporting phases).
- If the project requires additional working days exceeding the annual ceiling (75 days) due to urgent operational reasons or changes in the scope of work, the staff member may submit a written request to the competent authority (Project Manager / Steering Committee)

7.3 Monthly Payment Mechanism:

- Payments shall be made monthly in arrears (at the end of each month) against the actual number of working days performed by the staff member during the preceding month, based on the daily rate agreed upon in the contract.
- The monthly payment amount shall be calculated as follows:

Monthly Payment = (Actual Working Days in the Month) × (Agreed Daily Rate in the Contract)

8. Confidentiality & Code of Conduct

The Expert will have access to confidential project information. Both shall sign a confidentiality agreement upon contract signature and adhere to MWRI's internal code of conduct.

9. Submission of Applications and Validity Period

Applications must be submitted no later than: [21/9/2026]

To:

The Project General Director

Prof. Dr. Reham Mohamed ElKorashey
Ministry of Water Resources and Irrigation (MWRI)
Government District, New Administrative Capital
Arab Republic of Egypt

Email:

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Late submissions will not be considered.

Applicants shall remain bound by their applications for a period of **60 days** following the deadline.

10. Start Date

The expected start date is within two weeks of contract signature.