

## TERMS OF REFERENCE FOR THE UPDATE OF THE WASTE MANAGEMENT PLAN OF THE CITY OF DEIR QANON ELNAHER AND PLANNING AN ALIGNED TAILOR-MADE SUPPORTING ACTION

Budget code: 22EEP001

Project: Med4Waste

Imputation item: 4.3

### Introduction

The Associació MedCités / MedCities is an association of cities, with its headquarters in Barcelona, dedicated to sustainable urban development in the Mediterranean. It comprises 67 municipalities and unions of municipalities from seventeen different states and runs projects in the fields of strategic urban planning, urban services, the environment and local economic and social development, as well as training activities, technical support and the capitalisation of best practices. The network was created in 1991, since which time it has carried out dozens of projects in Mediterranean cities.

[Med4Waste project](#) (Mediterranean Dialogue for Waste Management Governance) is a project funded by the ENI CBCMed program under the priority of waste management. Its objective is to facilitate new governance models for integrated and efficient urban waste management policies across the Mediterranean, with particular emphasis on organic waste & circular economy through adapting waste management plans, policies and other management actions and regulatory drivers in the selected territories. Med4Waste focuses on the identification of successful and efficient waste management practices developed by other projects, and their dissemination and mainstreaming in public policies and plans carried out by the relevant public or private stakeholders.

MedCities is in charge of launching and managing the Med4Waste Mentoring Scheme, which will last from January until June 2023 and will target ENI CBCMed Mediterranean Partner Countries. Through this mentoring scheme, Med4Waste will provide guidance and technical support to six sub-national authorities in charge of planning and managing waste in the Mediterranean in order to (i) improve or develop their integrated municipal waste management (IMWM) plan; (ii) exchange first-hand knowledge with a city that has implemented a method/tool/activity to enhance their waste management system (Twinning and exchange program); (iii) implement a tailor-made supporting action aligned with their IMWM plan.

In order to support the development of the described activities, MedCities will hire, for each one of the six sub-national authorities being part of the mentoring, a local expert on waste management plans who will be in charge of adapting or developing the plans (Activity 1 of Annex) and planning and coordinating the implementation of a supporting action (additional budget for implementation covered by MedCities). This action will be in line with the developed waste management plan and with an output of the projects Med4Waste capitalises on. In addition, MedCities will organise the twinning and exchange program in order to promote the exchange of information between the cities being mentored and the projects that developed the outputs.

The municipality of Deir Qanon ElNaher is a village in the Tyre area of Lebanon. It has 1050 residential units and more than 400 stores, with a population of 10.000 citizens (9.000 Lebanese residents and 1.000 Syrian refugees).

### General Secretariat

The current waste management system consists on a source-sorting system. The sorted waste is disposed by the citizens in 2 containers (green for organic and reject, Red for recyclables) located at the proximity of each group of residential units (approximately 650 containers). When this system was implemented in 2019, the city developed a strong awareness campaign that counted on 120 young volunteers (80% women) and elaborated door-to-door visits to train citizens on how to properly separate solid waste that is recycled from those that are not (which are disposed together with organic waste in a separate bin from the recyclables). This resulted in 70-80% of engagement of residents, which decreased into a 60% of engagement rate existing nowadays due to different factors that affected the socio-economic situation from 2019 till now (COVID-19 pandemic, economic crisis and related demographic changes).

The containers with organic waste and reject are currently being collected daily, while those containing recyclables are being collected every two days. Once the waste is collected, it is brought to a sorting facility on which a secondary source separation is performed by 3 employees. In the facility, waste is separated and pressed into blocks of plastic, cardboard and paper. This is in turn sold to companies from the area at a price of 45 dollars per ton of cardboard and 160 dollars per ton of plastic.

This system currently allows the municipality to cover the costs of the 3 employees working at the facility and partially for fuel for the municipal energy generator.

Given that Deir Qanon have a pioneer solid waste management system implemented in the area, and given the fact that the nearby governmental facility for waste management is not working, some volunteers collect waste from nearby villages and bring them to their facility. However, and despite its potential, Deir Qanon system is not yet solid enough to make it able to absorb the totality of the waste being generated in neighbourhood municipalities. Unfortunately, some of these villages currently burn their waste, thus causing unpleasant smells also for the municipality of Deir Qannon.

In addition, although Deir Qannon has space in the sorting facility to implement a composting system, this is not currently in place, and organic waste is being disposed on a landfill nearby the secondary sorting plant. There is a governmental project going on working in different locations that could serve at landfills. If implemented, this would eliminate Deir Qannon need for this landfill in the village.

The city of Deir Qanon ElNaher currently has a diagnostic and a schematic plan to update Integrated Waste Management Plan that includes organic waste in addition to recyclables. The plan has to be fully adapted to their characteristics and help them to plan in the short and mid-term a set of activities that enhances their current waste management system and makes it become more circular and efficient. This waste management system will answer to some needs and particularities of the municipality, and help them fulfil their objectives, among which:

- Implementation of an organic waste composting system. The municipality plans to implement a suitable and effective organic waste management system within the secondary sorting facility, which would allow to increase the circularity of the current system,
- Increasing awareness among their citizens and their capacity to separate residues at a source. This process will be based on the campaign that the municipality already implemented in year 2019, which counted on a strong CSO participation of 120

volunteers and successfully implemented a source-separation system with a continuous monitoring of the quality of sorting.

- Building a robust system that will allow Deir Qannon to set the basis to receive, on the long term, recyclable solid waste (and therefore additional income) from neighbouring municipalities.

### 1. Objective

The objective of this service provision is the update of the waste management plan of the city of Deir Qannon and planning an aligned tailor-made supporting action.

### 2. Scope of the services

MedCities is looking for an expert on waste management with proven experience on the performance of city waste management plans.

At the time of the offer submission, **the expert will provide an initial methodological approach specifying how he/she plans to perform the service**. This will show how the expert will ensure the plan meets the deadlines set and that it is adapted to the needs of the municipality.

The services will consist on:

- Development of a **methodological participatory approach for plan development (D1)**. This will be provided by the expert maximum two weeks after the first meeting with the municipality, and will include general and specific objectives of the plan, a list of time-framed activities (meetings with all parties and with the municipality in particular, data collection activities, stakeholder meetings and related logistics, etc.) and their corresponding deadlines to ensure its timely development. This document will be reviewed and approved by MedCities and the municipality. The scope of this document will be that of ensuring the scope of the plan is aligned with the interests of the municipality, as well as to establish a roadmap of activities and information flow.
- Development a **City Waste management Diagnostic (D2)**. The document will contain at least an analysis of the waste management context of the city (including regulatory aspects); analysis of waste management service; current waste flows and waste management systems, SWOT analysis, current initiatives on waste prevention and recycling; and any other aspects that the expert considers useful as basis information for the development of the city waste management plan.
- Development of the **City Municipal Waste Management Plan (D3)**: Taking as a basis the diagnostic performed (D2), the plan will include a list of actions or projects to improve waste management and increase circularity based on the previous information. This will include a brief description of the action, an approximately implementation timeframe and budget. The plan will include at least proposals to enhance the waste collection service, promote source separation, treatment, recycling and reutilisation of different fractions, as well as regulatory proposals to facilitate waste management to the municipality.

**D2 and D3 will be provided to MedCities 2 weeks before the final submission** for its revision. The expert will incorporate MedCities, the coordinating expert and the municipality's revisions in the final version of the deliverables.

- The **definition** and support to MedCities on the follow up of a **tailor-made supporting action (D4)**. The service provider will suggest at least 3 possible local providers to develop this activity. However, this activity will be implemented by Med4Waste partners, who will cover its cost (max budget: 5.000€ including taxes).
- Meeting with MedCities and the coordinating expert (approximately twice a month). In these meetings, the service provider will keep MedCities and the coordinating expert updated on the performance of the plan and will inform if any deviation from the timeline or planned activities occurs.
- Continuous contact and on-site plus on-line meetings with the municipality, in order to ensure that all activities, diagnostic and plans are fully aligned with their needs and based on real and updated data.
- Apart from the meetings with the municipality and MedCities, the expert will be expected to participate to the online meetings (approximately 3) and on-site visit envisaged during the twinning and exchange program (Activity 3, see Annex 1)), with the objective of including in the waste management plan one action inspired by those developed by the projects implemented in other territories. Med4Waste partners will provide flights and accommodation for the on-site visit.
- All activities needed to successfully perform the city waste management plan will be included within the budget offered by the service provider. This includes trips to the municipality, meetings and participatory workshops with stakeholders or any other related activities and expenses. **When submitting the technical offer, the service provider will specify which are these planned activities.**
- Development of **D5. Lessons learnt document**. This will be a maximum 6-pages, which scope will be to easily extract information regarding the process of successfully planning a waste management system for a city. This will include lessons learnt from the process: key actors to involve in the process, key typology of information that shaped the objectives and activities within the plan, key data obtained, problems encountered and possible enhancements. MedCities will provide the template document to be filled in.
- Development of **D6. Power point presentation summarising the waste management plan and lessons learnt**. The service provider might be required to present online the developed plan in a final Med4Waste capitalisation event.

The service provider must have proven experience on the development of municipal waste management plan and must speak Arabic and English.

The following deliverables will be provided to MedCities:

D1. Methodological approach. Deadline: two weeks after first meeting with municipality.

D2. City waste management context diagnostic. Deadline: March, 30<sup>th</sup> 2023

- D3. City waste management plan. Deadline: June, 20<sup>th</sup> 2023  
D4. Concept note of a tailor-made action aligned to the needs detected during the diagnostic phase of the waste management plan. Deadline: March, 10<sup>th</sup> 2023  
D5. Lessons learnt document. Deadline: June, 30<sup>th</sup> 2023  
D6. Power point presentation summarising the plan and lessons learnt. Deadline: June, 30<sup>th</sup> 2023

### **3. Type of service, duration and place of execution**

These terms of reference and the winning proposal will define the conditions of the service as a contract of provision of services from the notification of the order until September 30, 2023. The service will be carried out in the premises of the service provider.

The service will be governed by the Catalan law, the Spanish law and the courts of Barcelona.

### **4. Base budget of the service**

The maximum budget for this service is €10.743,80€ (all taxes included). If the bidder has its tax domicile in Spain, the maximum amount will be €13.000 including the VAT rate valid on the date of the publication of these terms of reference which is 21%.

Any offer exceeding this amount will be rejected.

It is understood that the budget includes all of the costs that the successful bidder is required to pay for the normal fulfilment of the services contracted such as general expenses, financial costs, insurance, transport and travel expenses, remuneration for the staff under its control and all verification and job costs.

### **5. Price of the contract and economic conditions**

The administrative details of the Contracting Body are:

ASSOCIACIÓ MEDCITIES AND/OR MEDCITÉS  
C / 62. 16-18. EDIFICI B, ZONA FRANCA  
08040 BARCELONA – CATALONIA - SPAIN  
Tax number (VAT): ESG66401258

The contract price is the one established by the award of the tender, in line with the offer submitted.

2 invoices are required according to the following details:

- 20% of the total amount after the delivery of D1 and D2.
- 80% of the total amount after the delivery of D3, D4, D5 and D6.

Invoices must contain at least the following information:

- Name, full address and tax identification number of the supplier
- Complete MedCities data
- Invoice number
- Invoice date
- Budget code and project name indicated in the header of this document
- Description of the service provided
- Detail of the amount of the service and taxes (if any)

The payment term of the invoice will be: bank transfer around 30 days after the date of the invoice (bank account details are required) and always after internal favourable report issued by the General Secretariat of MedCités at the end of each phase.

The service provider will be directly responsible for paying the local or national taxes applied to the services except if the service provider is fiscally domiciled in Spain, whereupon the current tax law in respect of personal income tax (IRPF) will be applied.

Invoices must be sent either by post to the offices of the General Secretariat of MedCités or, if they are in digital format, to [contact@medcities.org](mailto:contact@medcities.org).

Bank charges arising from the payment of invoices will be shared (SHA according to bank coding).

MedCités may require information from the service provider regarding its compliance with obligations relating to social security contributions and the payment of taxes.

Those non-EU service providers will be required to present a certificate of tax residence within 7 calendar days of the award of the service. If the aforementioned document has not been provided to MedCités within 7 days, the contract may be terminated.

## **6. Participation requirements**

Those bidding for the service can be individuals or companies that have the full capacity to carry out the work, that are not subject to a ban on hiring staff and that can demonstrate their technical reliability and professional experience.

## **7. Confidentiality clause**

The information that the service provider will have access to in order to fulfil the purpose of this contract must be kept strictly confidential and must not be used for any activity not covered by this contract. In circumstances where a particular use of the information gives rise to doubts in respect of this confidentiality clause, the service provider must, in all cases, request the consent of MedCités.

## **8. Ownership and authorship of the work**

The ownership and authorship of any service provision work carried out belongs to MedCités. As owners of the study, any use or mention of it in publications, articles, interviews, conferences, etc. must have the express authorisation of MedCités.

## **9. Termination of the service**

By giving notice of one month, the service can be terminated by either party before the date indicated in Point 3 of these terms of reference for objective reasons or for the reason described in the last paragraph of point 5 of this terms of reference.

## **10. Submission of offers**

The offer must be sent to the following email address: [contact@medcities.org](mailto:contact@medcities.org)

- Proposal submission period: 10 natural days from the date of these terms of reference.



- The subject line of the email should specify “**Service offer for the updating of the waste management plan of the city of Deir Qannon and planning an aligned tailor-made supporting action**”
- It is essential that the submission should clearly indicate: business name, address, phone number, email address and the Fiscal ID Number (VAT – tax number) of the bidding company.

The offer must include the extent of the services offered and fulfil the conditions expressed in the previous sections. Notwithstanding that the candidate can attach to their offer any complementary information they consider to be of interest, the tender must include the following documentation:

- Detailed offer of the services.
- Economic proposal: candidates must submit an economic proposal in euros that either they or their representative must sign. The prices offered should include any type of tax, charge or fiscal ruling of a European, state, autonomous community or local nature as indicated in Points 5 and 6 of these terms of reference.
- CV of the professional person or company involved and of the working team, giving relevant examples of similar work undertaken and, if applicable, international experience.

In the event that additional information is required to present the offer, we invite you to contact MedCities by writing to the email address [contact@medcities.org](mailto:contact@medcities.org). Only written questions about clarifications of the presentation of offers will be answered.

MedCities may request additional information related to the proposal if it deems it appropriate. If this is the case, the proposals that require clarification must be answered within a reasonable period established by the evaluation team.

## 11. Assessment criteria

The most advantageous offer will need to be evaluated bearing in mind the cost-effectiveness ratio in accordance with the overall proposal. The assessment could take the price-quality ratio into account.

MedCities guarantees equal treatment of the people/companies bidding and will keep their offers confidential.

The person/company adjudicated as the successful bidder will be notified within a period of 5 working days from the final submission date for offers.

Barcelona, 24 February 2023

Josep Canals Molina  
MedCities Secretary General

**ANNEX 1-** Activities will take place between -January 2023 and July 2023, as follows:

<b>1. Improvement of IMWM Plan</b>
<b>Timeline:</b> January- June 2023
<p><b>Description:</b> The methodology to be followed and the final output obtained will differ according to the initial starting point of the selected sub-national authorities, especially regarding the existence or not of an approved waste management plan in the territory:</p> <p><b>The sub-national authorities that <u>hold</u> an Integrated Waste Management plan</b> will analyse and update the current waste management plan in line with circular economy strategies and policies with the assistance of the external expert. This will include an update of the waste flows and data analysis, as well as an update or modification of the actions included to make the plan better fit with the current aims and trends. In addition, the expert will identify, together with the sub-national authority, 4-5 possible projects to enhance waste management (source-separation, treatment, valorisation, reduction, reuse) in order to increase its circularity. For each project, the sub-national authority will obtain a short concept note that will serve them both as a supporting document to look for funding or as a guide through its implementation.</p> <p>At least one of such projects will be inspired by to one of the promising solutions to be capitalised from the Med4Waste capitalizable projects (catalogue of promising solutions).</p>
<b>2. Implementation of supporting action</b>
<b>Timeline:</b> March- June 2023
<p><b>Description:</b> This activity will consist on the implementation of a small-scale action that will complement and be aligned with the IMWM Plan being developed. It will be designed according to the needs of each territory, and in consequence can take different forms, such as local awareness-raising events, a series of capacity-building workshops on a specific topic, or the development of participative processes linked to the waste management plan, among other options.</p>
<b>3. Twinning and exchange with projects</b>
<b>Timeline:</b> January - June 2023
<p><b>Description:</b> The twinning and exchange program will have the objective of promoting the transfer of results, methodologies and lessons learnt by the territories that implemented selected actions (extracted from the catalogue of promising solutions) to the territories participating in the mentoring. It will consist on a set of online meetings (max 3) and one on-site technical visit to see the implementation of the action.</p>
<b>Additional activity for local SMEs and Start-ups: Development of a solution to tackle local challenges</b>
<b>Timeline:</b> January - September 2023
<p><b>Description:</b> Based on the needs and challenges detected in activity 1, a parallel process will be implemented targeting local SMEs, NGOs and other stakeholders of each sub-national authority. This process will accompany such SMEs/NGOs or other through the development</p>



of social value-based waste solutions and technologies that can respond to the challenges of the local authorities participating.

This process will be carried on directly between Med4Waste project partners, external experts and the SMEs/NGOs detected. Only occasional collaboration will be required by the public authority undergoing the mentoring process.

## RESULTS OBTAINED

By the end of the mentoring process, the 6 participating local authorities will have:

- **Improved their capacity to plan waste management in line with circularity and developed or improved their IMWM plans.**
- **Shared knowledge and benefit the direct experience** obtained by another territory during the implementation of different types of initiatives to enhance their waste management system.
- **Implemented a tailor-made supporting action to complement the IMWM plan**

In addition, 2 SMEs or start-ups from each local authority will have received support to develop a solution to tackle the local challenges in relation to the topic.