



Terms of Reference for the sub-contraction of “Composting Facility provision” for SIRCLES Project

Project Background:

The Mediterranean’s high unemployment rate, especially among the youth & women, has serious economic & social repercussions, which matters not only for the countries individually, but also has wider implications. At the same time, the area suffers from a combination of different environmental challenges that further affect peoples’ livelihoods. Considering the complexity of the situation, MED countries need to consider new approaches that address these challenges integrally.

SIRCLES -Supporting Circular Economy (CE) Opportunities for Employment and Social Inclusion- is a far-reaching project that contributes precisely in that direction, with ambitious goals & clear benefits for the MED Sea Basin.

The project provides marketable skills for the future and new job opportunities in the CE and bio-waste (BW) management sectors for NEET & Women. The recognised potential of the CE sector to create jobs and boost the economy, whilst safeguarding the environment (EC and ILO), has encouraged a large partnership of social inclusion stakeholders and organisations from the civil society, public and private sectors coming from Greece, Italy, Jordan, Lebanon, Palestine, Spain & Tunisia.

In all these countries, NEET & Women will be offered tailor-made trainings on BW management, entrepreneurial and soft skills, as well as job opportunities along the BW loop in separation, collection, composting and farming.

SIRCLES will deliver CE business models serving as a showcase to be scaled-up and replicated in the PP regions & beyond, contributing towards having a more inclusive and environmentally sustainable growth. The development of capacities along with job insertion and the engagement of local entities will ensure sustainability beyond the project duration. CE is in the process of evolution & this project will help in providing the necessary empirical evidence needed for informing policy-making and developing further this inclusive economic model.

The project partners are:

- Agència de Residus de Catalunya / Waste Agency of Catalonia (Calatonia, Spain)
- Training and Employment Labour Insertion Company Catalonia, Spain)



- National Technical University of Athens (Attiki, Greece)
- Organization Earth (Attiki, Greece)
- House of Water and Environment (Palestine)
- EDAMA Association for Energy, Water and Environment (Amman, Jordan)
- Rene Moawad Foundation (Lebanon)
- Tunisia ECOTOURISM (Bizerte, Tunisia)
- Italian Composting and Biogas Association (Lazio, Italy)
- PIN S.c.r.l. Scientific and Educational Services for the University of Florence (Toscana, Italy)

The René Moawad Foundation, SIRCLES project's partner in Lebanon will install a composting facility in Hbaline – Byblos as a key component of a circular economy model that creates job opportunities and makes local compost more accessible to farmers

Professional Qualification:

- Organic Solid Waste Management solution provider.
- The company must have proven experience in Lebanon working with international agencies and NGOs for the last 5 years.
- The company must have a sound reputation in the local environmental sector and have previous successful organic waste management systems that had few to non-existent social rejection.

Experience and technical qualifications:

The bidder shall have:

- At least 5 years of relevant experience in solid waste management in Lebanon, biowaste management, waste source separation, composting solutions, etc...
- Relevant experience in working for governments and/or international organizations on organic waste composting products provision



- Proven track record of well delivered contracting projects. Letters of recommendations are an advantage.
- Sound knowledgeable of the institutions of Mediterranean region and international organizations such as the EU as an advantage;

General Competencies:

The company shall have:

- Competent personnel having at least 10 years of experience in solid waste management
- A department for engineering or at least 3 engineers from different related backgrounds
- Proven composting technology with success cases in Lebanon is a must
- The ability to stay on the schedule in the overall project implemented
- To be compliant with all local environmental regulations
- A sound after sales service

Key Deliverables

The bidder shall:

- Present a concept design layout
- Deliver and install ASP composting system treating 3.75 tons per day of organic waste excluding carbon material
- Hold at least 2 introductory training sessions to the operator on how to manage and operate the composting facility
- Perform bi-monthly Quality Control visits for at least 3 months followed by two visits per year in the following 2 years.



Requirements

The bidder shall:

- Coordinate with the Environmental consultant performing the EIA and present all needed information.
- Undertake all necessary activities to ensure environmental compliance
- Perform a site visit to the facility location prior the delivery and installation of the system

Timeline

- Deadline to present proposals: June 1st, 2022
- Works must be concluded within 2 months starting from the contract signature

Budget and payment:

The consultant should submit the total budget in the proposal with a detailed breakdown including applicable government taxes.

Three payments will be made in US dollars in the following method:

1. 50% of the total amount specified in the contract upon signature
2. 30% of the total amount specified in the contract upon installation of the composting facility
3. The remaining 20% will be paid within two months of environmentally compliant operations.

Submission of proposals:

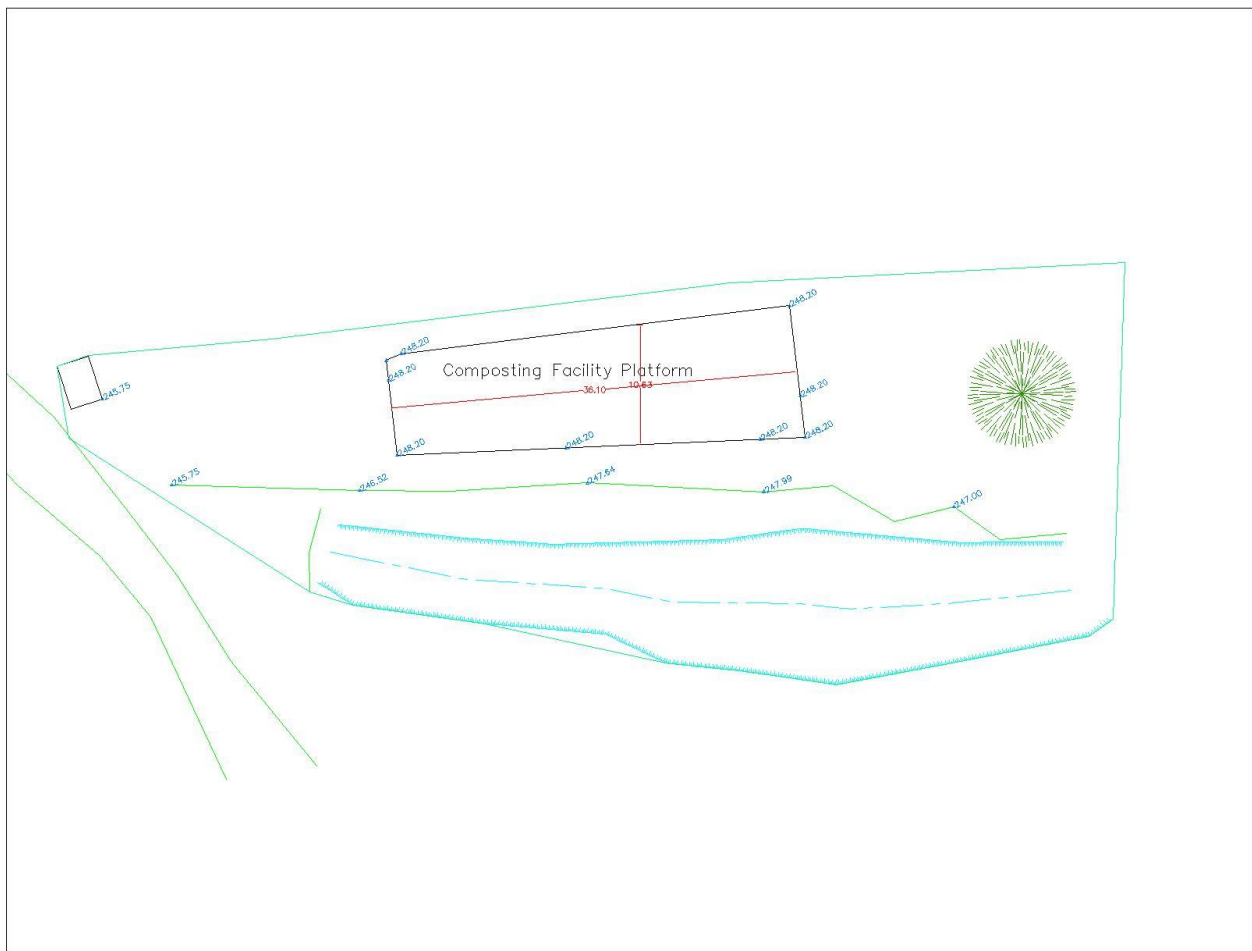
Interested applicants should provide a proposal covering the following aspects:

- Detailed response to the TOR
- Preliminary drawing in a separate layer on the site layout enclosed



- Specifications sheet for the composting system including all the features, advantages, and limitations if any.
- Company CV and/or portfolio
- Example of previous work
- Detailed budget, including expenses, etc.

Please send your proposal, as ONE PDF document with the above-mentioned points, to René Moawad Foundation (Email: sircles@rmf.org.lb, nmachaalany@rmf.org.lb) referencing “SIRCLES Project”.





Hbaline Site overview

A site plot in Hbaline – Byblos district is considered for a pilot composting facility near an existing landfill owned by the Byblos Union of Municipalities. The total working area is around 2400sqm that has a relatively uniform slope.

The site is located in the Eddeh valley limiting it by a road from the west, the mountain from the north, a seasonal river from the east and south.

Elevation Drawing

