

Projet FFEM – SupMed - N° du projet CZZ 2476.01G  
Stratégies collectives et contextualisées pour promouvoir une production agricole résiliente et durable dans les zones rurales Méditerranéennes

## **Terms of Reference for a Request for Quotation (RFQ) for the commissioning of an olive peat press in Hermel - Lebanon**

### **1. Context and objectives of the SupMed project and context of the commissioning of a softwood cuttings nursery**

The SupMed project is funded by the French Facility for Global Environment (FFEM, or *Fond Français pour l'Environnement Mondial*) and coordinated by the CIHEAM-IAMM. It aims to support farmers in Egypt and Lebanon in the implementation of adaptation and mitigation strategies for climate change.

It concerns the Luxor Governorate in Egypt and the Beqaa valley in Lebanon, two areas marked by significant levels of poverty, public agricultural advisory systems undergoing restructuring and a risk of natural resource overexploitation (water and soil) aggravated by climate uncertainty. In Lebanon as in Egypt, private and public agricultural advisory services rely on capacity development as well as a frame of reference to a significant degree in relation to the implementation of strategies for dealing with climate change.

The SupMed project aims to structurally and sustainably reduce the overexploitation of water resources and improve the income of farm households. For that purpose, it will put forward, implement and assess integrated, agronomic and socio-economic initiatives based on agro-ecology in order to reduce water dependency in each of the project territories. These initiatives will be jointly developed with local stakeholders and adapted to the context of the two territories involved: the Luxor Governorate and the Beqaa valley.

The SupMed project also supports the development of a collective farmer support service structure. In Lebanon, we decided to set up a nursery dedicated to growing and providing farmers with stem cuttings (above all olive trees) that are both certified and adapted to local biophysical conditions.

The olive sector is considered as one of the main agricultural sectors in Lebanon. Olive orchards cover 62,000 hectares, which is equivalent to 23% of the total Utilized Agricultural Area of Lebanon, and 45% of the total area dedicated to permanent crops. These orchards spread from north (Akkar, Zogharta and Koura) to south (Tyre and Hasbay-Marjeoun), and have recently been found in regions not usually known for olive cultivation, such as Baallbeck and Hermel.

The rapid growth of olive planting in the Hermel area in the last two decades is remarkable. The Union of Cooperatives in Beqaa has been paying special attention to the olive sector in the region for many years. In addition to providing extension services to olive growers, the Union has set up a modern olive mill on its premises in the village of Qasr. It has also provided Organic Certification to organic olive producers.

The olive mill has a transformation capacity of 1000 t of olives per year (100 kg of olives gives almost 20 kg of olive oil). Currently almost 100 farmers from the Hermel area are always using it. The total olive oil production was about 20t in the past two years. This capacity transformation of the olive mill is expected to increase in the coming years with the the SupMed project planned interventions, as well as, the locals' stakeholders will to support

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olive sector and increase the production of organic olive production. This action will be also promoted by the i setup of a softwood cutting nursery to improve plant availability and quality.

Nevertheless, olive oil extraction process represents an important source of wastes such as vegetable water and pomace. Today, no action has been carried out in the Hermel olive mill to recover wastes from the production of olive oil.

#### **Objectives of the Olive peat press :**

Today, the olive mill of Qasr has no equipment's for the reprocessing and valorisation of the olive wastes which are stored outside on the same ground and without any prior insulation or protection. This led to unbearable odours and a fairly significant risk of infiltration and pollution of the water table..

Today, we estimate the quantity of olive waste about 20 t in a poor harvest year and around 40t for a good harvest. To overcome this problem, and after several concertation meetings with local FSC users and stakeholders, we agreed to valorise the olive wastes production to heat the greenhouse which is being installed as a part of the SupMed project. To do this, a machine (peat press) for drying and compacting the waste olives in brick form should be purchased and used by the FSC.

This step is a crucial for the FSC strategy in supporting local farmers and valorizing in a sustainable way the olive oil production in the region. In this strategy, the FSC target is to:

- i) Create a hub dedicated to the organic olive oil production. This hub is setup by considering the production-market value chain as a whole and in an integrated way from the production of a seedling/plants to the market. This integrated process includes the valorisation of olive wastes and oil production as well.
- ii) make the heating system of the greenhouse that has been setup within the SupMed project operational by using only the olive oil wastes as a fuel (and not oil fossil energy as always used in the area). create an additional funding resource for the FSC of Hermel and contribute to the economic sustainability of the Farming Service Centre.

#### **2. Objectives of the Request for Quotation**

The present Terms of Reference concerns the modalities for the commissioning of an olive peat press machine in the Hermel Farm Service Centre (FSC) of Kaser-Hermel, Lebanon. This equipment is reserved for the retreatment of olive peat local production of the olive mill of Qsar and other olive mills located in Hermel Region and for production and sales of (bick/plaquette) for energy.

The request for quotation concerns the following items:

- a) The commissioning of an olive peat press machine with a capacity 2.5 to 3 tons per hour;
- b) The olive peat press must be mobile to be able to move to the places where the olive wastes are stored in the FSC center

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The equipment will be located at Farmins Service Centre of Hermel The technical specification are detailed in Appendix 1

### **The olive peat press machine should be operational by December 2022.**

Candidate service providers must meet the requirements of the ToR for the commissioning of these facilities.

The service provider must be able to use the materials and equipment indicated in the technical specifications described in Appendix 1, as well as the know-how needed for the commissioning of the olive peat press machine. He/she must respect the delivery and completion schedule defined with the CIHEAM IAMM coordinator and project owner upon signature of the contract.

#### **3. Description of the services required**

The service provider will be required to provide the following services and equipment:

- The supply and installation of equipment as described in the technical specifications in Appendix 1
- The execution or supervision of the on-site assembly of the equipment, and its commissioning.
- Carrying out the necessary tests and inspections for the commissioning of the equipment
- Supplying the necessary tools for the assembly and/or maintenance of the equipment
- Supplying the detailed operation and maintenance manual for each relevant item of equipment
- The on-site training of the Hermel FSC staff for the assembly, commissioning, operation, maintenance and repair of the equipment
- The transport and insurance of the equipment, including insurance paid to destination (Incoterms CIP Carriage Insurance Paid to). The insurance of supplies and equipment against loss or damage arising from their manufacture or acquisition, transportation, storage, delivery and installation.
- The equipment shall be guaranteed for a period of 5 years.

#### **4. Provisional delivery and completion schedule:**

The dates given in the present ToR are tentative and will be firmly and definitely updated upon signature of the contract.

- 1st November to 15th November: finalisation of the contract between CIHEAM IAMM and the contractor
- 15th November to 15th December: delivery and installation of the olive peat press machine, testing of materials and equipment and on-site training of workers and engineers
- 15st December: commissioning of the olive peat press machine in the FSC of Hermel.

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#### 5. **Profile required**

The service provider must:

- have a status allowing him/her to organise and commission similar equipment and supplies in the project area and/or in Lebanon.
- have a status allowing him/her to: organise and order/deliver, ensure and guarantee the commissioning of such equipment or equivalent activities
- have experience in the commissioning of equivalent equipment and supplies in the project area, the Beqaa valley and target villages and/or in Lebanon. At least 5 years of experience.
- be able to receive payments in euros into his/her bank account and to issue invoices in euros.

#### 6. **How to apply?**

The applicant should send the following address: [cobacho@iamm.fr](mailto:cobacho@iamm.fr) and [belhouchette@iamm.fr](mailto:belhouchette@iamm.fr)

- A technical proposal describing
  - o The different stages of the implementation of the olive peat press machine
  - o The supplier's recent references and experience for similar services (maximum 3 pages)
  - o The CVs of those involved and the sharing of responsibilities
- A quotation specifying the cost (VAT-exclusive and VAT-inclusive) of the equipment, supplies and working time invoiced according to the format in Appendix 2; the price must be firm and definitive.

The quotation must include the following documents:

- The company registration number or its local equivalent as proof of its legal existence.
- Full bank details of the service provider: IBAN, SWIFT code, name and address of his/her bank
- A dated and signed copy of the document entitled "*Declaration of integrity, eligibility and social and environmental responsibility of the beneficiary*" (see Appendix 3 of the ToR) in accordance with the AFD procurement guidelines referred to by the FGEF, the SupMed project's financial backer.

#### 7. **Selection procedure and method:**

**The deadline for sending the quotations is October 30<sup>th</sup> 2022**

The selection will be based on the lowest bid method.

**The prices must be fixed and final, the offer will be valid until January 2023.**

The candidates will be informed by e-mail of the results of the selection 10 days after the submission of the offers at the latest. The selected candidate will be issued a contract with the CIHEAM IAMM specifying the final delivery and completion schedule for the nursery and solar panel installation, as well as the terms of payment. This contract will be valid until all the services requested have been provided.

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## **Appendix 1: Technical specifications for the commissioning of an olive peat press machine**

**1. Capacity:** 2.5-3 tons/hour

**2. Humidity:** the machine should be able to press the olive wastes until at least 30% of humidity

**3. Cutting:** The press machine should be flexible and adjustable to carried out an athermatic catting and in an equal lengths that can be changed as desired by the user.

**4. Dimensions of the piece/brick:**

- Pieces are circular, with a diameter of 90 mm, length and standard diameter
- The standard 22 cm contains a 16 mm longitudinal hole that can be adjusted to a length of 27 cm

**5. Drying:** good drying retains: 5-8% moisture for good hold.

**6. Engine and power**

- minimum power of 15 or 10 hp
- It operates on three-phase alternating current, 380 volts, 50 hertz

**7. Components:**

- The machine is equipped with helical blades of anti-oxidation metal INOX AISI 304
- The machine is mounted on a ST37 . carbon steel chassis.

**8. Chassis and component:**

The chassis is a vehicle on four new tires, a car designed for towing and traction equipped with a tin plated cabinet

**9./ Weight and dimensions**

- The machine should weight at minimum 900 kg. This is a very important indicator to ensure the machine stability.
- Length without puller and cutter 230 cm
- Max width 150cm
- The machine high should not exceed 140cm to allow to any worker to accede easily to the machine engine.

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**Appendix 2: Quotation template**

Description of the equipment (see Appendix 1)	Dimensions	Unit (*)	Number of units	Unit Price CIP	Total cost in € excluding tax	Cost in €, including tax (**)
<b><i>OLIVE PEAT PRESS MACHINE</i></b>						
<i>describe the equipment in accordance with the technical specifications in Appendix 1</i>						
1. Capacity						
.....						
2.						
.....						
<b><i>II. CHASSIS</i></b>						
<i>describe the equipment in accordance with the technical specifications in Appendix 1</i>						
Component						

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Weight and dimension						
Weight						
<b>III OTHERS (others costs to be precise)</b>						
...						
<b>IV COSTS OF INSURANCE, MAINTENANCE, GUARANTEE for the olive peat press machine</b>						
<b>Duration of the warranty (precise number of years)</b>						
<b>TOTAL COSTS FOR OLIVE PEAT PRESS MACHINE COMMISSIONING (I+II+III+•IV)</b>						

(\*) meters, pieces...

(\*\*) exchange rate to be applied: <https://www.reuters.com/markets/curre>

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**APPENDIX 3 - Project SupMed n°CZZ2476.01G - Statement of Integrity, Eligibility and Environmental and Social Responsibility**

Reference name of the bid or proposal: \_\_\_\_\_ for a Request for Quotation – “commissioning of an olive peat press machine in Hermel” – *SupMed project n°CZZ 2476.01G financing by the Fond Français pour l’Environnement Mondial (FFEM)* (the "Contract")

To: **Centre International De Hautes Etudes Agronomiques Mediterraneenne De Montpellier – CIHEAM IAMM** (the "Contracting Authority")

1. We recognise and accept that *Agence Française de Développement ("AFD")* only finances projects of the Contracting Authority subject to its own conditions which are set out in the Financing Agreement which benefits directly or indirectly to the Contracting Authority. As a matter of consequence, no legal relationship exists between AFD and our company, our joint venture or our suppliers, contractors, subcontractors, consultants or subconsultants. The Contracting Authority retains exclusive responsibility for the preparation and implementation of the procurement process and performance of the contract. The Contracting Authority means the Purchaser, the Employer, the Client, as the case may be, for the procurement of goods, works, plants, consulting services or non-consulting services.

2. We hereby certify that neither we nor any other member of our joint venture or any of our suppliers, contractors, subcontractors, consultants or subconsultants are in any of the following situations:

2.1 Being bankrupt, wound up or ceasing our activities, having our activities administered by the courts, having entered into receivership, reorganisation or being in any analogous situation arising from any similar procedure;

2.2 Having been:

a) convicted, within the past five years by a court decision, which has the force of *res judicata* in the country where the Contract is implemented, of fraud, corruption or of any other offense committed during a procurement process or performance of a contract (in the event of such conviction, you may attach to this Statement of Integrity supporting information showing that this conviction is not relevant in the context of this Contract);

b) subject to an administrative sanction within the past five years by the European Union or by the competent authorities of the country where we are constituted, for fraud, corruption or for any other offense committed during a procurement process or performance of a contract (in the event of such sanction, you may attach to this Statement of Integrity supporting information showing that this sanction is not relevant in the context of this Contract);

c) convicted, within the past five years by a court decision, which has the force of *res judicata*, of fraud, corruption or of any other offense committed during the procurement process or performance of an AFD-financed contract;



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2.3 Being listed for financial sanctions by the United Nations, the European Union and/or France for the purposes of fight-against-terrorist financing or threat to international peace and security;

2.4 Having been subject within the past five years to a contract termination fully settled against us for significant or persistent failure to comply with our contractual obligations during contract performance, unless this termination was challenged and dispute resolution is still pending or has not confirmed a full settlement against us;

2.5 Not having fulfilled our fiscal obligations regarding payments of taxes in accordance with the legal provisions of either the country where we are constituted or the Contracting Authority's country;

2.6 Being subject to an exclusion decision of the World Bank and being listed on the website <http://www.worldbank.org/debarr> (in the event of such exclusion, you may attach to this 33 ope-R2011a – Guidelines for the Procurement of AFD-Financed Contracts in Foreign Countries – V7

Statement of Integrity supporting information showing that this exclusion is not relevant in the context of this Contract);

2.7 Having created false documents or committed misrepresentation in documentation requested by the Contracting Authority as part of the procurement process of this Contract.

3. We hereby certify that neither we, nor any of the members of our joint venture or any of our suppliers, contractors, subcontractors, consultants or subconsultants are in any of the following situations of conflict of interest:

3.1 Being an affiliate controlled by the Contracting Authority or a shareholder controlling the Contracting Authority, unless the stemming conflict of interest has been brought to the attention of AFD and resolved to its satisfaction;

3.2 Having a business or family relationship with a Contracting Authority's staff involved in the procurement process or the supervision of the resulting Contract, unless the stemming conflict of interest has been brought to the attention of AFD and resolved to its satisfaction;

3.3 Being controlled by or controlling another bidder or consultant, or being under common control with another bidder or consultant, or receiving from or granting subsidies directly or indirectly to another bidder or consultant, having the same legal representative as another bidder or consultant, maintaining direct or indirect contacts with another bidder or consultant which allows us to have or give access to information contained in the respective applications, bids or proposals, influencing them or influencing decisions of the Contracting Authority;

3.4 Being engaged in a consulting services activity, which, by its nature, may be in conflict with the assignments that we would carry out for the Contracting Authority;

3.5 In the case of procurement of goods, works or plants:

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a) Having prepared or having been associated with a consultant who prepared specifications, drawings, calculations and other documentation to be used in the procurement process of this Contract;

b) Having been recruited (or being proposed to be recruited) ourselves or any of our affiliates, to carry out works supervision or inspection for this Contract.

4. If we are a state-owned entity, and to compete in a procurement process, we certify that we have legal and financial autonomy and that we operate under commercial laws and regulations.

5. We undertake to bring to the attention of the Contracting Authority, which will inform AFD, any change in situation with regard to points 2 to 4 here above.

6. In the context of the procurement process and performance of the corresponding contract:

6.1 We have not and we will not engage in any dishonest conduct (act or omission) deliberately intended to deceive others, to intentionally conceal items, to violate or vitiate someone's consent, to make them circumvent legal or regulatory requirements and/or to violate their internal rules in order to obtain illegitimate profit;

6.2 We have not and we will not engage in any dishonest conduct (act or omission) contrary to our legal or regulatory obligations or our internal rules in order to obtain illegitimate profit;

6.3 We have not promised, offered or given and we will not promise, offer or give, directly or indirectly to (i) any Person who holds a legislative, executive, administrative or judicial mandate within the State of the Contracting Authority regardless of whether that Person was nominated or elected, regardless of the permanent or temporary, paid or unpaid nature of the position and regardless of the hierarchical level the Person occupies, (ii) any other Person who performs a public function, including for a State institution or a State-owned company, or who provides a public service, or (iii) any other person defined as a Public Officer by the national laws of the Contracting Authority's country, an undue advantage of any kind, for himself or for another Person or entity, for such Public Officer to act or refrain from acting in his official capacity; 34

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6.4 We have not promised, offered or given and we will not promise, offer or give, directly or indirectly to any Person who occupies an executive position in a private sector entity or works for such an entity, regardless of the nature of his/her capacity, any undue advantage of any kind, for himself or another Person or entity for such Person to perform or refrain from performing any act in breach of its legal, contractual or professional obligations;

6.5 We have not and we will not engage in any practice likely to influence the contract award process to the detriment of the Contracting Authority and, in particular, in any anti-competitive practice having for object or for effect to prevent, restrict or distort competition, namely by limiting access to the market or the free exercise of competition by other undertakings;

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6.6 Neither we nor any of the members of our joint venture or any of our suppliers, contractors, subcontractors, consultants or subconsultants shall acquire or supply any equipment nor operate in any sectors under an embargo of the United Nations, the European Union or France;

6.7 We commit ourselves to comply with and ensure that all of our suppliers, contractors, subcontractors, consultants or subconsultants comply with international environmental and labour standards, consistent with laws and regulations applicable in the country of implementation of the Contract, including the fundamental conventions of the International Labour Organisation (ILO) and international environmental treaties. Moreover, we shall implement environmental and social risks mitigation measures when specified in the environmental and social commitment plan (ESCP) provided by the Contracting Authority.

7. We, as well as members of our joint venture and our suppliers, contractors, subcontractors, consultants or subconsultants authorise AFD to inspect accounts, records and other documents relating to the procurement process and performance of the contract and to have them audited by auditors appointed by AFD.

Name: \_\_\_\_\_ In the capacity of:

\_\_\_\_\_

Signature:

\_\_\_\_\_

Dated:

\_\_\_\_\_

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