



PEER-TO-PEER COOPERATION WITH IRAQI GOVERNORATE – MISSAN

PROGRAMME ‘SUPPORTING RECOVERY AND STABILITY IN IRAQ THROUGH LOCAL DEVELOPMENT’ FUNDED BY THE EUROPEAN UNION AND IMPLEMENTED BY UNDP

TERMS OF REFERENCE

For

Preparation of detailed design of a farmers’ market in the municipality of Al-Emarah, Missan.

1. Background

Having once covered a green area the size of a small country, today the Marshlands of Iraq still face many agricultural and environmental challenges even after being re-flooded almost two decades ago. Its population relies heavily on the marsh eco-systems for water and livelihoods, which continue to suffer due to those challenges. The Marshlands are located near the governorate of Missan, which despite being historically considered an important agricultural center, its economy now suffers due to crumbling infrastructure and poor access to resources.

Iraq has recognized the importance of agriculture and the need to prioritize its role in the overall economic and social development of the country (National action plans, Sustainable development goals etc.). The policy framework guiding the prioritization of needs aims at creating a proper environment to support efficient and sustainable increases in food and agriculture production, improvement of food security and reduction rural poverty. Policies relying mainly on oil production had a deteriorating impact on the growth of other economic sectors, including agriculture. As a matter of fact, agriculture contributes a substantial share of Iraq’s economy (5 percent of total GDP), is the largest source of employment in the country (approximately 20 percent) and is dominated by the private sector. Yet, the contribution of agriculture to GDP has been declining in the last decade from 5.2 % in 2009 to 1.4% in 2019. This data is the result of many factors that affected the agricultural sector: war, protests, institutional and economic setbacks. The security situation and rural poverty have contributed to this decline with an outflow of people from the countryside to the urban areas seeking employment and economic opportunities.

In light of the above, under the Programme ‘Supporting Recovery and Stability in Iraq through Local Development’ Funded by the European Union and Implemented by UNDP, the Association of



Albanian Municipalities is carrying out the project titled Peer to Peer cooperation with Iraqi Governorate – Mission to support agriculture and rural development in the region.

As part of the project, AAM is launching the call for preparation of detailed design of a farmers' market in the municipality of Al-Emarah, Missan.

2. General data and existing condition of the facilities

Missan governorate is considered one of the agricultural governorates that possesses all the necessary ingredients for agricultural production, both plant and animal, which are supplied to the rest of the neighbouring governorates.

The value chain of agricultural production in the governorate is closely linked to each other to form a marketing chain, and any defect or deficiency in one of its vocabulary will negatively affect the rest of the vocabulary, which is divided into:

1. Agricultural product, whether vegetable such as wheat, barley, rice, yellow and white corn, vegetable crops and others, or animal, such as the production of meat, milk and its derivatives, or local or manual industrial products, where the producer performs all the agricultural and breeding operations required for animals and prepares them for the market, and here they are sold in two ways:

A - For the merchant who is in the area and who owns the money and the payment is directly in the field

B - The farmer or producer sends his agricultural produce to the markets before him, and it is also of three types

First: Livestock is sent to the animal market in the governorate

Second: The agricultural product is sent to the wholesale markets where agricultural crops are sold (vegetable tops).

Third: Some agricultural production is sent to the local markets scattered in the residential areas by the farmers.

2. The merchant buys agricultural products directly from farmers and breeders, displays and sells them in wholesale markets, as follows:

A-Selling it to the owners of shops and malls, who in turn sell it directly to the consumer.

B- Selling them to street vendors who own cars and small vehicles, who in turn sell them to consumers in residential areas.

3. Shop owners and street vendors



4-. Consumer.

With regard to Missan Governorate, the local government has established a market to sell vegetables and fruits wholesale (the typical euluuh) and it is located on the highway (Al-Hawly)

- Small markets were established by people with experience and trade within the borders of the governorate to sell products wholesale and single (small bonuses).
- There is a unified market in every residential neighbourhood where all agricultural and industrial products are sold
- There are shops (supermarkets) where the agricultural product is sold directly to the consumer

Through the foregoing, there are some problems and obstacles in these markets, including:

- 1- Most agricultural products are imported from neighbouring countries or other governorates, so their prices vary according to supply and demand
- 2- Low GDP for some products
- 3- The increase or increase in the costs of production and agricultural operations compared to the selling prices of the products does not encourage the producer to continue production
- 4- The decision to open and close the borders, i.e. import and export, is a central decision, not a local one, which causes confusion for the producer and the consumer alike
- 5- The lack of control over the prices of products, which causes price fluctuations
- 6- Lack of support for farmers
- 7- Lack of shunt laboratories in the governorate, such as molasses and paste laboratories, and others suggestions:
 - a) Activating the Product and Consumer Protection Law
 - b) Providing cold stores to preserve the vegetable and animal products
 - c) Establishing canning and conversion laboratories
 - d) Tighter control over prices
 - e) Encouraging tourism in the marshes and rural areas to view agricultural products and
 - f) The decision to open and close borders at the ports must be decentralized and linked to the local government
 - g) Providing certified seeds, agricultural requirements and feed to producers at subsidized prices

From the above, it can be said that the development of agricultural markets in the governorate is in the process of development and rise in the ladder of promotion, and at a rate that may reach 60%,



meaning that it is not at the level of ambition of the producer and consumer and needs support from organizations and institutions that donate externally and internally.

3. **General design requirements for the repair and/or retrofitting of the buildings.**

Requirement for constructive and functional conditioning are as follow:

- **Terrace / Roof**

The designer should provide all the details for the terrace / roof layers, the installation of the discharge cassette and the vertical-horizontal gutters. In the design of gutters, consideration must be given to avoid being blocked by external factors, a phenomenon that has often occurred in the building. The designer should also indicate the number of gutters and their diameters according to the applicable norms.

Hydrometeorological Institute data will be used for rainfall amounts.

- **Walls**

In the case of moistered walls, the consultant will indicate how to repair them. If the separate walls are splitted as result of seismic wawes, the way to repair them must be presented. The retaining walls will be fully evaluated for the bearing structure, the grade of their damage and the appropriate assessments for their reconstruction.

- **Bearing Structure**

The structure of the object must be thoroughly verified. Analyzes and verifications of the security of the existing structure should be done and the way of fixing it should be calculated based on European Standards and Codes and world design codes. Also consider the Albanian Design Code KTP 89.

- **Plastering**

In the damaged areas, plastering of the walls and ceilings will be carried out over the entire surface, preserving the first existing layer, where possible on the walls, meanwhile the ceilings should be cleaned and re-plastered where necessary.

- **Painting of Interior and Exterior Walls**

The walls and ceilings will be painted with hydromat dye.

- **Facades**



The facade of the should be easy to maintain. The colors of the facade should be beautiful, so that the object becomes more attractive.

- **Tile Layers**

Existing tiles in poor condition should be replaced taking into account its restoration with cement mortar, as well as the necessary insulating layers. The floors of the toilets and their walls at a certain height should be insulated and the designer should provide the detail of their insulation. Each layer must be detailed with the relevant specifications.

- **Fire Protection System**

The designer should also present the fire protection project as well as the technical safety rules for MNZs according to European norms and standards.

- Fire extinguishers;
- Fixed dispensers (with foam or dust) should be installed in the hallways and in the technical environment;
- Smoke sensors should be considered.

- **Sanitary Facilities**

The consultant should provide appropriate sanitary facilities for the certain group of people with low incomes. Provide continuous and warm water in the sink, so consider the possibility of installing boilers, as well as the realization of the necessary plumbing network. The bathrooms should be ventilated and illuminated. Bathrooms should have open gates on the outside and disconnected from the public spaces. So there will serve for employers only.

- **Public space**

Outdoor space is needed to ensure the quality of the city.

Adjustment of the territory and Green Areas

Special attention should be paid to the arrangement of the public spaces as the project site is very close to a mosque also to the main road. It should result in transparent enclosures and guarantee all safety standards and normative for construction of this type. Outside spaces are environments that mainly serve for rest and relaxation, so creating a green area with plants or trees is of importance. The designer should give importance to combining the market facilities with the green areas and forestall the exterior lighting of the building, in accordance with the area and the specific requirements for the lighting network provided in this design task. In order to maintain the cleanliness of the market yard, in the project / preventive should also be provided for waste bins, especially near public space.



Also, a special attention should be shown to the parking lot for small and large cars for the market daily needs.

4. Calculations, technical specifications and estimates

For the cost estimation the reference prices will be according to the legislation in force, based on the Technical Pricing Manual. For works items not contained in the manual, the designer should design relevant analyzes, which will be attached to the detailed project implementation, to ensure cost savings and efficiency of use. The project should contain spaces for 80 (eighty) farmers.

Bill of Quantities will be presented according to the format / model recommended by Amara Municipality.

5. Design implementation

Design for the implementation project of the market will be in line with the standards foreseen by the decision of Amara municipality On the approval of the tariff manual for territorial planning, design, supervision and auditing services". It shall pass through the following phases:

PHASE I: Design task analyses

Analysis of design task / terms of reference and determination of project basis. Finding the conditions for solving the task through planning. It should include an argumentative analysis of the main issues / requirements addressed in the design task. Presentation of the results of object proposal of the typology of intervention.

PHASE II: Design Preliminary Ideas

After having analyzed and assessed the current situation of the facilities, referring to the laws and legislations as well as in Eurocodes, the Consultant will start designing the Preliminary Ideas through:

- a. the conceptualization of the interior partitioning depending on their function with the relevant arguments as well as providing the technological and other systems based on the terms of references (two variants)
- b. Technical report (on planned interventions)
- c. Preliminary BoQ and Cost Estimation.

Materials should be delivered in hard copy and CD/USB format in soft copy formats (Acad, excel, word etc.).

Time for preparation of Phase I + Phase II – 7 (seven days)



PHASE III: Preparation of the Detailed Technical Design

- Completed folder of the Detailed Technical Design for the project implementation of the marketplace, should contain:
- Technical reports (constructive, architectural, hydrotechnical, electrical, conditioning;
- Architectural design;
- Construction design;
- Electrical and lightening design;
- Fire Protection and Safety design;
- Hydro-technical design;
- Design for the implementation of the rainwater drainage network;
- Technical specifications for the items of works to be performed;
- Cost Estimation based on technical manuals of prices in force.

The above mentioned materials should be submitted physically and in the appropriate formats: (Acad, word, excel).

Time for preparation of Phase III 4 (four) weeks

Note: All the materials below should be provided by Al-Amara municipality, to conclude all the *Preparation of the Detailed Technical Design* phase.

- a) Topographic survey;
- b) Design for the implementation of the rainwater drainage network;
- c) Technical specifications for the items of works to be performed;
- d) Chart of detailed works according to work items;
- e) Plan for the organization of works and the construction of the shipyard in function of the means, which are part of the realization of the facility, based on the schedule of works;
- f) Design firm license, environmental expert license and trade register extract;

6. Recommendations for the designer

1. Work daily from six in the morning until eight in the evening
2. The administration will be by the municipality of Al-Amarah through the formation of a special administration for the market with the provision of necessary protection and guarding, and that the administration will be on the entire origin and not individually.



3. The market needs to establish service health facilities and places for management and guarding.
4. The site is surrounded by a main public road in front and residential buildings from other sides, which will help in providing service to the groups surrounding the market Security control points are available to protect the market
5. The building materials required in the first place must be non-combustible and quickly damaged and resistant to harsh weather conditions (the high temperature in summer reaches 50 degrees Celsius) and be consistent with the environment surrounding the market and have a long life and a beautiful and modern architectural aspect
6. The site needs to establish a parking lot for small and large cars for unloading to the market

The designer should use and review all existing information regarding the site where the facility is located, the existing water removal system, the drinking water supply system, the distances allowed and the urban criteria of the area concerned.

Standards in Design

The project will be designed in accordance with all design norms and standards provided by applicable legislation. Design should ensure that standards are adhered to, even when implemented. It is the responsibility of the designer to ensure the accuracy and compliance with all relevant standards and norms. The designer should recommend the introduction of international best practices in design and implementation. The project design should take into account the approved norms for people with disabilities, the blind, etc. The project should provide the necessary infrastructure for this category. Technical details of the infrastructure for this category should be provided by the designer on separate Project Sheets.

Standards in the presentation of technical documentation

In designing and presenting project documentation, the designer should use the required computer software as well as promote the use of new, more advanced field software.

7. Organization, work plan and staff required

The project will be carried out in close cooperation with the Amara municipality. The Selected Bidder shall be required to follow all requirements of the local government legislation on the field including those on the requirements for the company and personal licenses for the preparation of the technical documentation.



The Consultant should submit certified copy of bidder's license both for company and key personnel (team leader and team members) for preparation of technical documentation as follow:

- One Team leader/Leading designer -Architect
- One senior expert – Civil engineer with specialisation in construction materials
- One electrical engineer
- One mechanical engineer

8. Reporting

Reports and documents should be in 3 (three) color copies in English language. Drawings should be readable in dwg format (AutoCad 2007-2012). All materials will also be submitted in soft copy.



ANNEX 1

MINIMUM QUALIFICATION REQUIREMENTS AND ELIGIBILITY CRITERIA

Subject	Documents to be provided
Eligibility	
<ol style="list-style-type: none"> 1. Registration to perform the requested services as a legal entity; 2. Profile – describing the nature of business, field of expertise, licenses, certifications, accreditations; 	<ol style="list-style-type: none"> 1.1 Certified copy of applicant’s registration 2.1 Company profile 2.2 License for services of technical documentation preparation, as a legal entity, issued by relevant government authority; 2.3 Certified copy of applicant’s license both for company and key personnel (team leader and team members) for preparation of technical documentation. Professional License of the key personnel are required, categories according to the project typology. 2.4 Certificates and Accreditation – including ISO, Quality Certificates, Patent Registrations, Environmental Sustainability Certificates, etc.
Key experts qualification	Note: Documents to be provided for the winner of competition
<p>Team composition and competences of the team members:</p> <ol style="list-style-type: none"> 1 One (1) Architect (Team Leader) with professional exam certificate and minimum 10 years of experience in design of public buildings and works of similar complexity; 2 One (1) Civil engineer with professional exam certificate in area of construction with minimum 5 years of experience in structural design of buildings and works of similar size and complexity in design and supervision; 3 One (1) Civil engineer with professional exam certificate in area of hydro technics 	<ul style="list-style-type: none"> • List of team members (engineers and other personal) to be engaged for the contract (names, education, skills, years of experience); • Original certificate issued by relevant Tax Administration Office indicating the number of employees registered by the company. This document must issued within the 30 days from the tender launching date; • CV of each team member with references and letters of recommendation; • Copies of professional licenses and university diplomas (bachelor and/or master degree) of each team member);



<p>with minimum 5 years of experience in design of hydro installations of similar complexity;</p> <p>4 One (1) Electrical engineer with professional exam certificate in area of energetics with minimum 5 years of experience in electrical design of buildings and works of similar complexity;</p> <p>5 One (1) licensed graduate Mechanical engineer with professional exam certificate with minimum 5 years of experience in heating design and works of similar complexity;</p> <p><i>Team Leader and at least two team members must be permanent (full-time) personnel of the Service Provider. For the other required staff a notarized working contract that defines the scope of the contract and part's obligations should be submitted.</i></p>	<ul style="list-style-type: none"> • Statement on availability and exclusivity during the entire contracted period, signed by each team member; • Contract signed by the Bidder and engaged staff including statement on availability and exclusivity during the entire contracted period
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NOTE: Above minimum qualification requirements are defined.



ANNEX 2

TECHNICAL EVALUATION CRITERIA

Summary of Technical Proposal Evaluation Forms		Points Obtainable
1	Bidder's qualification, capacity and experience	20
2	Proposed Plan Methodology	40
3	Financial offer	40
	Total	100

9. Application Procedure

Interested candidates are asked to submit an application, by 30 September 2021, 16:00 (CET). The application has to be submitted in English language by e-mail, at

agronhaxhimali@aam.org.al

and

aidacacaj@aam.org.al

subject: **Preparation of detailed design of a farmers' market in the municipality of Al-Emarah, Missan**

The Financial Offer shall specify only the gross amount in USD per services requested.

Taxes applied under Laws of the Republic of Albania will be calculated and paid accordingly.