



MINISTERUL AGRICULTURII,
DEZVOLTĂRII REGIONALE ȘI
MEDIULUI AL REPUBLICII
MOLDOVA

MINISTRY OF AGRICULTURE,
REGIONAL DEVELOPMENT AND
ENVIRONMENT OF THE
REPUBLIC OF MOLDOVA



UNITATEA CONSOLIDATĂ PENTRU IMPLEMENTAREA PROGRAMELOR IFAD
THE CONSOLIDATED PROGRAMMES IMPLEMENTATION UNIT (CPIU-IFAD)

IRECR/IFAD VIII	
PP 2021	C
Ref. AWPB Nr.	3
Component	3
Category	5
Loan/Grant	AF grant

TERMS OF REFERENCE

Irrigation engineer for infrastructure development under Talent Retention for Rural Transformation (TRTP) Project

Location: CPIU IFAD, CHISINAU

Procurement ref.no.: 47/21 TRTP

Project: TRTP

1. Introduction

IFAD Executive Board has approved for financing a loan to the Republic of Moldova in the amount of EUR 18.94 million, and a grant of USD 5.54 million from Adaptation Fund for implementation of the Talent Retention for Rural Transformation (TRTP) Project. The overall goal of the Project is to stimulate broad-based rural economic growth and reduce poverty through complementary investments and strengthening farmer's resilience to climate change. The TRTP will be implemented by the Consolidated IFAD Programme Implementation Unit (CPIU IFAD), which is a public entity, created in 2000 year by the Government of Moldova to implement the rural and agricultural development programmes funded by the International Fund for Agricultural Development (IFAD).

The objectives of the Project is to enable the rural poor (especially youth, women and smallholders) to increase their productive capacity, resilience to economic, environmental and climate-related risks and their access to markets.

The Project consists of the following Components and Sub-components:

Component 1: Resilient Economic Transformation

Sub-Component 1.1 Enhancing Climate Resilience

The subcomponent is designed to support investments in productive rural infrastructure enhancing resilient rural economic transformation by removing infrastructure bottlenecks; that are investments in irrigation infrastructure focused on micro and small irrigation schemes; investment in rural roads for access to the farmer's production area; provision of small grants, from the Adaptation Fund, exclusively to smallholder farmers with up to 10 ha land to build smallholder farmer's resilience to climate change by fostering the adoption of climate smart, water saving technologies and building smallholder awareness and capacity in climate adaptive agricultural practices.

Sub-Component 1.2 Agribusiness Development

The sub-component will be implemented by a service provider who could be an individual, a consulting firm or an NGO which has the requisite skills to provide the technical support which is required under the component. The project will work closely with the Producer Groups and private sector entities to develop proper feasibilities and business plans for collaboration. Investments will be provided to producer groups (PGs). The project will also put in place innovative arrangements for investments in collection and grading centers,

warehouses, cold storages and agro-processing facilities, refrigeration trucks, branding, marketing and providing equipment and materials, etc. The project investments in the market infrastructure and processing facilities, through mix of grants and loans, will represent an investment and contribution on behalf of the smallholder farmers who are members of the PGs. The project will strengthen the capacity of MARDE by providing it technical specialists for economic and market analysis.

Component 2: Entrepreneurship Finance

Sub-Component 2.1 Affordable credit for youth and women

This sub-component will focus on addressing farmer's bottlenecks related to the cost of capital and lack of collateral to access loans. The project will provide mentoring support for young entrepreneurs and women to assist the target group in the formation of investment and working capital proposals. IFAD-funding would provide grants of up to 40% of the investment costs, matched with loans. The project would facilitate young entrepreneurs and women with developing proper proposals for subsidies and loan guarantees from relevant entities/programms. IFAD will provide financing for SCAs to on-lend to microenterprises in rural areas.

Sub-Component 2.2 Rural finance sector development

This sub-component is designed to build capacity and strengthen some of the initiatives of the previous IFAD projects and will further strengthen the SCA sector and the regulatory and supervisory capacity of the National Commission for Financial Markets (NCFM). IFAD will provide technical assistance and facilitate the sector investment for the establishment of SCA Stabilization Fund, once the proper regulation is in place. The project will assist the SCA sector to adopt international best practices of financial consumer protection by supporting the NCFM in establishing an SCA Deposit Insurance Fund.

The CPIU-IFAD intends to recruit a national consultant, which hold higher degree or an equivalent qualification in Irrigation Engineering with sound knowledge of contemporary issues in the irrigation infrastructure of Moldova in particular.

2. Duties and Responsibilities

The individual consultant will be selected to work on fulltime bases as Irrigation engineer. Under the direct supervision of the CPIU Infrastructure Development Specialist the Irrigation Engineer will be responsible for overall guidance and management of the irrigation investment related activities under the CRI subcomponent in accordance with CPIU regulations and approved procedures for supervision of design and civil works. The Irrigation Engineer will be responsible for supervising and guiding activities of daily Site Supervisors (contracted and paid by CRI) that due regard is given to the quality and quantity of works to be implemented throughout CPIU operations in the framework of the CRI. Within this overall role, the following tasks, but not limited to, would be the specific responsibility of the Irrigation Engineer:

- In cooperation with the CPIU relevant staff to participate in information Workshops and sensitize rural communities about the subcomponent, its objectives and eligibility criteria, application and selection procedure;
- Co-manage the TRTP infrastructure component for irrigation infrastructure construction in accordance with project design documents, ensuring budget realization as per approved Annual work plans, and coordinate all technical assistance infrastructure development activities;
- Participate on development of Annual Work Plans and Budgets (AWPB), progress reports, analytic reports; management reports; development of Project Implementation Manual (PIM) for the irrigation infrastructure component and if required drafting amendments to the PIMs;

- Develop ToR, Bill of quantities and other bidding documents for procurement of civil works, goods and consulting services for infrastructure component;
- Participating in the process of selection of consultants and civil work construction companies, keeping personally strong quality control on provided services;
- Review and assess proposals for irrigation infrastructure rehabilitation or new works with regard to their technical feasibility and preliminary cost estimation;
- Review proposed works in relation to other possible alternatives;
- Consult and assist applicants in application development and inform about the latest irrigation techniques and water saving technologies;
- Review detailed engineering design solutions in terms of sound technical soundness, quality and identified scope and volumes of works;
- Participate and contribute in discussions with applicant, design company and other interested parties in decision making during the construction stage;
- Supervise the implementation of civil works and coordinate activities of site supervisors in accordance with agreed procedure and standard formats;
- Oversee and deliver regular dissemination information on infrastructure component activities, sharing, and networking among stakeholders' communities (from local to national levels);
- Prepare terms and conditions for matching grant applications and ensure publication in local mass media. Lead the awareness and promotion of component activities, participation on selection process of grant applications through desk and field review and final scoring by an Evaluation Committee;
- Verify volume and quality of works and services provided by experts, service providers, review and approve reports, protocols of services completions, sign Minute-notes(Certificates) for payments of consultants, services providers and building companies contracted for implementation of activities within managed component;
- Organize and participate on component-related meetings, conferences and workshops;
- Develop of the awareness materials/publications and the guidelines on best practices produced through the component;
- Provide support and guidance for the gathering of data and information needed to undertake an effective monitoring and evaluation of all the activities included in the component;
- Draft framework agreements, contracts and coordinate linkage with main partners and stakeholders involved in infrastructure development;
- Provide instructions to consultants and contractors hired by CPIU IFAD to participate on civil works on infrastructure financed by the project;
- Assist the other CPIU departments in day-to-day activities related to integration of infrastructure development activities with other IFAD programme components;
- Respect the confidentiality of information as may be deemed necessary by CPIU IFAD, partners, and informants;
- Report to the Infrastructure Development Specialist and Project Manager, promptly and in writing, matters that may affect the conduct of the works and quality and timely submission of the reports and/or other deliverables;
- Attend meetings as may be arranged by CPIU IFAD, particularly concerning the review of deliverables and presentation of findings;

- Assessing the sustainability and environmental impact of projects; and ensuring projects run smoothly and structures are completed within budget and on time;
- Provide support and guidance for the gathering of data and information needed to undertake an effective monitoring and evaluation of all the activities included in the component;
- Prepare implementation progress reports and operative management reports;
- Ensure fulfilment of other tasks and responsibilities as per Job descriptions for this position.

3. Competencies

- Works collaboratively with colleagues to achieve organizational goals;
- Ability to build strong client relations;
- Identifies priority activities and assignments; adjusts priorities as required;
- Allocates appropriate amount of time and resources for completing work;
- Monitors and adjusts plans and actions as necessary;
- Very good document drafting and writing abilities, including in the presentation of analysis or research;
- Good communication skills, including in workshop and facilitation settings;
- Strong knowledge of computer management skills.

4. Required Qualifications, Experience, Skills and Competencies

Minimum eligibility criteria:

- A higher degree or an equivalent qualification in Irrigation Engineering advanced studies an advantage.
- A minimum of three years working experience with projects for water or irrigation infrastructure rehabilitation including design and construction supervision with proven ability to work in a multidisciplinary team and with rural population.

Job Requirements & Experience: The candidate should have following experience, skills and knowledge mix:

- Familiarity with engineering design requirements and construction supervision procedures of the Republic of Moldova, as well as with the procurement procedures applicable under foreign donors' funded projects;
- a strong background and good knowledge of irrigation civil engineering, construction;
- strong communication skills, especially written communications; group facilitation skills;
- fluent written and spoken English, Romanian and Russian;
- creative and pragmatic approach to problem solving;
- well-organised and well oriented to details;
- ability to work in multinational environment and with multiple external parties;
- good analytical skills, an ability to communicate with project beneficiaries, partners for project implementation, to manage committees, gather and interpret data and information and write constructive, informative reports;
- substantive knowledge on appropriate methods of implementation by community based construction and activity implemented through government systems;

- Working experience with MS word, MS excel, Auto CAD 3D, ETABS of latest version; Experience with infrastructure climate smart design will be an added advantage.

5. Selection method

Consultant will be selected in accordance with the ICS method (CQS procedure as per IFAD Handbook 2010). Assessment of the candidates will be conducted against evaluation criteria, based on information provided in the application documents. The top qualified consultant will be invited to provide Technical and Financial offers.

6. Selection Criteria

Interested persons should provide information demonstrating that they have the required qualifications, relevant experience and competencies to perform job obligations on the vacant position. The key criteria for evaluation are the following:

Criterion	Weight
1. General qualifications:	
• Education degree	15
• Graduation of specific international training courses in the last 5 years	5
2. Specific previous experience in the field for vacant position:	
• Professional experience in the field related to this position	20
• Experience in international funded project implementation	5
• Experience in research, education, consultancy and extension services in the field of specializations	5
3. Language skills: Fluency in English, Romanian, Russian	5
4. Computer management skills	5
5. Competencies (through Interview for candidates that score at least 42 points on the above criteria 1 to 4):	
• Excellent communication, networking and coordination skills with various stakeholders	10
• Highest standards of professionalism and integrity	10
• Excellent problem solving and analytical skills using creativity and innovation	10
• Excellent planning and organizational abilities and attention to detail	10
TOTAL	100

Interested candidates shall submit information on their credentials to perform the services, including descriptions of similar assignments, experience in similar conditions, availability of appropriate skills, qualifications and other relevant information.

7. Contract duration

Consultant will be offered with fixed-term employment contract based on 40-hour weekly work programme and concluded in line with national labor legislation. It is expected to commence services initially for one year, with 3 months' probation period. The assignment is likely to be extended depending upon satisfactory performance of the outputs envisaged in the TORs.

8. Additional information

The CPIU is entitled to cancel the tender at any stage of the competition due to the impossibility of financial coverage or due to unconformity of tenders to the requirements set out in the tender documents or other justified reason.

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