



FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS

Terms of Reference for NPP ☐/PSA.NAT ☒

Job Title: National Water Management Consultant (Civil / hydraulic engineer)	
Division/Department: REUT	
Programme/Project Number: TCP/MCD/3502 - Support to the formulation and implementation of a national land consolidation programme	
Location: Skopje and pilot areas	
Expected Start Date of Assignment: ASAP	Duration: 50 days on when actually employed basis until 30 November 2016

GENERAL DESCRIPTION OF TASK(S) AND OBJECTIVES TO BE ACHIEVED

Under the overall supervision of the Regional Representative for Europe and Central Asia, the technical supervision of the FAO Lead Technical Officer (LTO) and in close cooperation with the National Project Coordinator (NPC) of the Ministry of Agriculture, Forestry and Water Economy (MAFWE), other national institutions and the project team of international experts, national and local consultants and FAO officers, the consultant will carry out the following activities:

- Assist the NPC, MAFWE staff, FAO officers, international experts and national consultants in the formulation of the relevant activity and work-plans, including with the organization of, and participation in, relevant project workshops, such as the national workshops, training workshops, etc.;
- Lead preliminary planning and design of rural infrastructure in Egri pilot area, in particular drainage system and field roads, and preparation of description of project design with necessary drawings and maps;
- Submit and present the preliminary design to the project team and MAFWE staff for revision and comments;
- Lead detailed planning and design of rural infrastructure in Egri pilot area, in particular:
 - detailed description of existing on-field situation,
 - hydraulic analysis of the territory covered by the planned drainage system,
 - preliminary technical design of the planned infrastructure,
 - prepare estimate of budget for construction of the planned infrastructure,
 - indication of additional data requirements to come to the detailed design,
 - contribute to the environmental impact screening of planned drainage system construction,
 - submit and present the plan to the project team and MAFWE staff for revision and final comments,
 - secure certification of the detailed plan and design by authorised entity.
- Support planning and design of rural infrastructure in Konce pilot area;
- Assist MAFWE in the development of an operational land consolidation programme;
- Carry out other activities within the technical competence as requested by the national land consolidation expert and FAO officers.
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KEY PERFORMANCE INDICATORS

Expected Outputs:	Required Completion Date:
Preliminary technical design of rural infrastructure in Egri pilot community	30 April 2016
Detailed technical design of rural infrastructure in Egri pilot community	31 August 2016

REQUIRED COMPETENCIES

Academic Qualifications

- Master Degree in hydraulic engineering (Civil engineer)

General requirements

- Recognized qualifications and sound expertise in design, planning and maintenance of hydraulic infrastructure, in particular irrigation and drainage systems (at least 10 years of experience).
- Experience in construction administration and procedures for obtaining construction permits for the infrastructure subject of this assignment.
- Experience in using GIS software for preparation of technical drawings and maps.
- Significant project management and team building capacity.
- Good report writing skills and working knowledge of English are essential.

Candidates will be assessed against the following:

- Relevance and extent of experience in the project activities;
- Familiarity design of drainage projects;
- Evidence of strong technical writing ability in preparing documents.

HOW TO APPLY

- **FOR THIS CONSULTANCY POSITION, PLEASE SUBMIT YOUR APPLICATION in PDF format by email to:**
REU-Vacancies@fao.org with the following in the subject line VA TCP/MCD/3502/2016/002 and your last name.
- A duly completed Personal Profile Form (PPF) generated from FAO's iRecruitment portal as a PDF-file is to be submitted by email together with a cover letter. **Please note that attached resumes or CV's in place of the PPF will not be accepted.**
- In order to prepare a Personal Profile Form, you must first register on the FAO iRecruitment site by clicking on the following link to register: <http://www.fao.org/employment/irecruitment-access/en/>
In order for your application to be properly evaluated, please ensure that all sections of the on-line profile are completed.
- **Deadline for submission of your application: by 31 March 2016**
- Applications received after the closing date will not be given consideration.
- **Only short listed candidates will be contacted.**