

Decentralized Irrigation System Improvement Project II in Eastern Region of Indonesia (DISIMP-II), Indonesia

Assignment	The main objective of DISIMP-II is to alleviate poverty in economically depressed rural areas in the Eastern region of Indonesia by increasing rice production. This is done through the establishment of profitable and sustainable irrigated agriculture using an irrigation-based rural development approach emphasizing empowerment of beneficiary farmers.
Client	Government of Indonesia
Financing Agency	Japan Bank for International Cooperation
Partners	EMM, DHV, MLD, Indec, Supraharmonia, Catur Bina, PT. Min, Geo Issec
Composition of Team	<i>Euroconsult Mott MacDonald:</i> Team Leader <i>Partner(s):</i> O&M / Asset Management Expert; Quality Control Expert
Period of Assignment	From December 2009 to December 2013 Staff months: Euroconsult Mott MacDonald: 53; Partner(s): 14
Contract value	Euroconsult Mott MacDonald: € 3,400,000 Partner(s): € 4,600,000
Background	<p>Revitalization of the agricultural sector to sustain the national economic growth to achieve food self-sufficiency in terms of food security remains one of the national priorities in the Medium-Term Development Plan (2004-2009) of the Government of Indonesia. The development of the poor rural areas of Eastern Indonesia to reduce the disparities between the Eastern and Western regions in terms of development is also mentioned as a priority in the same document.</p> <p>Since most of the poor in the rural areas work in agriculture, one of the most effective ways to reduce poverty in rural areas is to accelerate the growth in the agricultural sector. Under DISIMP-I (2003-2009) a start was made with the rehabilitation and extension of 61 irrigation systems in eight Eastern provinces, which included the improvement of water management and the Operation and Maintenance (O&M) of these systems.</p> <p>DISIMP-II is the second phase of DISIMP-I and will be implemented in 14 irrigation systems in nine provinces (one in Bali, four in Nusa Tenggara, one in Maluku and eight on the island of Sulawesi)</p>
Description of project	<p>The project implementation is based on the two following intrinsically linked components:</p> <p>1) The Infrastructure Improvement Component: This component covers all activities related to the design, tendering, construction and supervision of main, secondary and tertiary irrigation systems.</p>

2) The Soft Component which consists of:

- The formation/restructuring of Water User Associations (WUAs) and WUA Federations (WUAFs) and build their capacity in operation and maintenance (O&M) activities;
- Training of local government officers of irrigation institutions in the O&M of irrigation infrastructure
- On-farm water management and agricultural activities: a.o. assist in training in improved on-farm water management practices, establishment of field schools, preparing demonstration farms
- Asset management: a.o. capacity building in asset management, preparation and socialization of irrigation asset management plan

Services provided

The overall role of the consultant under the assignment is to monitor the work of both component 1 and 2 in the 14 sub-projects, and the timely reporting to the PMU to facilitate good project management.

More specifically the scope of work is:

- a) to assist DGWR-PU to monitor and coordinate the implementation of construction works and soft-component of DISIMP II administratively and technically;
- b) to assist Field Project Management Office (FPMO) and Project Implementing Unit (PIU) for smooth implementation of sub-projects administratively and technically;
- c) to conduct pre-construction arrangements such as design reviews and preparation of tender documents, if necessary, supplementary studies and designs;
- d) to supervise construction works by the contractor under the task concept for quality control;
- e) to assist FPMO and PIU in empowerment of WUAs and strengthening government O&M institutions to be carried out by field units of empowerment of WUAs and strengthening government institutions;
- f) to assist FPMO and PIU in on-farm level water management to be carried out by field units of on-farm level water management;
- g) to assist FPMO and PIU in asset management to be carried out by field units of asset management.