Restoration of water supply infrastructure systems for earthquake affected smallholder date palm plantations in the Bam district
TOR, Programme Review Consultant

I – General Information:

Title: National Consultant- [Project No 00033098, Restoration of water supply infrastructure systems for earthquake affected smallholder date palm plantations in the Bam district]
Sector of assignment: Disaster management, recovery and reconstruction
Location: Tehran, Islamic Republic of Iran
Agency: UNDP
Post type: Consultancy
Duration: Four months [Effective Sep 2007]
Remuneration: IR 60,000, 000 with the payment schedule as follows:
25% immediately after signing the contract, 30% after organizing the work shop and submission of the report, 25% after submission of the updated project report including the impact review, and 20% after completion of item four under tasks of the TOR.

II – Background:

On 26 December 2003, a devastating earthquake measuring 6.6 on the Richter scale struck the city of Bam and its surrounding villages in Kerman province (south-eastern Iran).

The immediate effect of the earthquake was the loss of more than 32,000 lives, 26,000 injured, more than 75,000 people homeless. Serious damage were caused to rural infrastructures such as irrigation canals, qanats, wells, pumps, agriculture machinery, equipment, tools, crops and palm date refrigerated stores. The majority of the qanats were interrupted by soil fall, some wells were damaged badly and due to that stopped functioning and the irrigation network was partially collapsed and/or blocked by remains from broken orchard walls.

Total damage to the agriculture sector estimated by the Disaster Task Force of the Ministry of Interior would be in the region of US$52 million.

UNDP with DFID assistance proposed to assist Ministry of Jihad-e-Agriculture in restoration of water supply for date palm plantations. The project funded by DFID and UNOCHA aimed at rehabilitating initially 8 wells, which later on increased to 32 and two Qanats and reconstruction of 40 pump shelters, distribution of 16 toolkits, and organizing capacity building capacity programmes for water user groups directly benefit more than 5000 farming families using the technical assistance from FAO. In October 2005 due to the common problem of pest re. Debus Bug and date dry-up, a problem with unknown reason in Bam that disqualify the date products, the Governor of Bam requested the UNDP PO for DRM to support the Bam Directorate of Agriculture in dealing with the problem. The support provided through an addendum to the programme, which was implemented by IGRA a local NGO under direct supervision of SGP/GEF. The addendum aimed empowering the farmers for efficient production management and integrated pest management through establishing ten field schools and a community fund under the traditional structure of Water User Groups. The addendum was funded by UNDP core resources of total USD 157,000.

III. Tasks:

Now that the project physical activities have been finished, the National Consultant would perform the following tasks under the direct supervision of UNDP Programme Officer [Reconstruction and Risk Management]:
1. Organizing a review workshop on "Lessons Learned from Bam Water Project" in cooperation and coordination with the NPD/ Ministry of Jihad-e-Agriculture and UNDP. The workshop will be held in Bam before the end of 2007. A total of 50 participants from different governmental offices involved in the project, local stakeholders, provinces with comparative experience or prone to disasters, farmers groups, representatives of corporate sector and concerned UN agencies will be invited. The draft agenda is attached.

2. Preparation of the proceedings and complete lessons learned report of the workshop for publication by the programme.

3. Preparation of a complete report of the programme on Rehabilitation of Bam Water Supply System, covering all activities including SGP component, lessons learned and aforementioned review.

4. Review the report/activities of the programme including the SGP project on participatory IPM and extension activities in rural areas of Bam/Baravat and, using some indicators, assessment of the achievements, authorities/beneficiaries satisfaction and options for continuation of the activity.

IV. Reporting:
The consultant will update the NPD and UNDP Programme Officer for Disaster Risk Management and Reconstruction on a regular basis during the period of his/her assignment, debrief the completion of his mission, discuss the technical report prepared and jointly agree upon follow-up actions to be taken.

V. Qualifications and experience:
- University Degree in rural engineering, irrigation, agriculture or related social fields
- Minimum ten years of progressively responsible professional experience in agricultural related activities, project design, implementation and review
- Working experience in the Government and with UN is desirable

Language: Professional knowledge of English, knowledge of local language is must

Location: Tehran with travel to the field

Duration: Four months, extendable