### Temporary Return of Qualified Nationals (TRQN III)

#### Information / TOR for Host Institution

1. **GENERAL INFORMATION**

#### Host Institution Details

| 1.1 Name and address of host institution (include e-mail addresses) | The Agricultural Technology Transfer Society  |
|==================================================================|-----------------------------------------------|
| Tel.: 00249912831148                                            |                                               |

| 1.2 Name of supervisor                                           | Professor. Muna Mahgoub Ahmed  |
|                                                                | Email: munamm789@yahoo.com |
|                                                                | Tel.: 00249912149607 |

| 1.3 Background information host institution (sector, private/public, line of work etc.) | ATTS is non-governmental organization (NGO) endorsing actions utilizing modern agricultural technologies to improve agricultural productivity and sustainable agricultural development in the Sudan. ATTS has great activities in the field of other relevant fiels such as Climate Change Mitigations and Rainwater Harvesting. ATTS was chosen among 10 winners of the innovative prize for Africa (IPA) for the year 2013 for advocating for a successful agroforestry (moringa/jatrofa) model. The celebration took place in Cape Town (South Africa) on May 7th 2013. ATTS is registered in the Ministry of Humanitarian Affairs (registrar general) given the number T. NO 2234 according to the law that governs the voluntary work. Vision: Attainment of food security in Sudan through availing appropriate technologies Mission: Improve research and development (R&D) options to reduce rural poverty and vulnerability.  • Develop and promote affordable and sustainable soil, water, crop and nutrient management options and integrated approaches to watershed management; • Identify and promote options for systems diversification (high-value crops, trees and livestock) to improve rural livelihood security; • Enhance capacity of R&D partners Partners:  • Vet-care  • Best care  • CONCERN  • World Food Program  • FAO (food security cluster) |


2. **TO R / OBJECTIVES OF PLACEMENT of the Resource Person (RP)** (Please describe the 1) Overall objective of the assignment, 2) Why the qualifications of the RP are needed, 3) Duration starting date of the assignment and 4) Provision of transport and housing (if applicable)

1) The overall objective of the assignment is to train the staff whom will be involved in the Rainwater Harvesting as a mean of Climate Change Adaptation, and Gender and Water program as an emerging issue.

2) **Why the qualifications of the RP are needed**
The organization needs to build its capacity to be able to achieve its goals and objectives. The experience of Mrs. Salwa in the field of water management is very relevant to strengthening the institutional physical capacity of our organization.

3) **Duration starting date of the assignment**
Our need is great, it is a process of institutional strengthening and strategic planning that can extend for more than a year, and we welcome the RP for 3 months and up to a year. This assignment is planned to start by the 28th of February 2016 til 31 of March 2016.

4) **Provision of transport and housing (if applicable)**
The organization is only able to facilitate her transportation to and during field missions.

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3. **Minimum skills, experience, knowledge, and personnel qualities required**

1. **Knowledge:** The resource person has good academic background with master degrees as minimum.

2. **Experience:** professionally qualified water specialist with experience in the field of Rainwater Harvesting, promoting projects related to Gender and sustainable development.

3. **Training:** Took part in many training courses in the field of water quality management, sustainable Development and management.

4. **Personnel qualities:** Should have the following personal qualities:
   - Dedicated and committed
   - Enthusiastic, cooperative and a true team player with great sense of responsibility.
   - Demonstrated report writing skills
   - Computer literacy in Word, Excel and Power Point;
   - Presentation Skill
4. **ACTIVITIES** (Please describe the expected activities (duties and task) to be performed by the RP)

   1. Training on Rainwater Harvesting  
      **Aim:**  
      A good option for a water supply in rural areas of Sudan is rainwater harvesting. In areas where other water sources are not available or unreliable, rainwater harvesting can provide a simple and effective option for a safe and sufficient water supply. Rainwater can provide sufficient water, especially in areas where little or no water sources are available. The families will not only benefit from the water itself, but also from the fact that it is available at their doorstep, thus reducing time and the daily burden of fetching water.  
      **Objectives:**  
      The training is aiming at showcasing Household rainwater harvesting as an adaptation strategy against impact of climate change. It showcased how a house rooftop or a housetank could be effectively and efficiently harnessed to harvest rainwater for domestic or household use. During the Training, the participants will be exposed and updated with the Rainwater harvesting. Case studies and experiences from other countries will be presented  
      **Course Topics:**  
      2. Options for Rainwater Harvesting on the specific targetd areas  
      3. Designs of the Household Tanks  
      4. Quality Assessment of Harvested Rainwater  

      **Other common activities during the assignment, would be a series of:**  
      2. Meetings  
      3. Networking  
      4. Partnerships  
      5. Trainig on Rainwater harvesting  
      6. Planning Gender and Water Program. This part of the assignment is an initiative suggested by the resource person and might be supported by the Dutch embassy and other Dutch institutions, namely: UNESCO-IHE.

5. **RESULTS** (Please describe, where applicable, the expected outcome in no. of patients treated, no. of people trained, advisory services delivered, public information and awareness raising, curriculum development, research and feasibility study or other.  

   The Learning and pro-active activities will be undertaken to generate lessons learned from the training and demonstration of innovative approaches of meeting water supply shortage in some rural areas of Sudan. The lessons learned will thereby serve to inform the preparation of new initiatives and up-scale the implementation of this technology at appropriate areas, as well as serve to help the
Government to recognize the rainwater harvest as being an important source of water for domestic use.

6. IMPACT ON HOST INSTITUTION (please describe the expected outcome in terms of quality improvement of “best practice”, education and development)

By the end of the assignment it is expected that the core issues and the curriculum of the proposed program to be well established. The proposed program will continue to improve the capacity of the organisation in new alternatives for climate change adaptation.

I certify that the above statements are complete and correct to the best of my knowledge.

Date: 13.02.2016

Signature: Muna Mahjoub Mohamed Ahmed
Manager of ATTS,

All personal information provided in the evaluation form will be treated as confidential and released only with your consent.

Please send the terms of reference to:

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