



**MINISTRY OF WATER AND IRRIGATION**  
**THWAKE MULTIPURPOSE WATER DEVELOPMENT PROGRAM (TMWDP)**  
**TERMS OF REFERENCE (TOR)**  
**FOR**  
**IDENTIFYING INVESTMENT OPPORTUNITIES FOR PROJECT AFFECTED**  
**PERSONS (PAPS)**

**Background**

The Thwake Multi-purpose Water Development Program (TMWDP) comprises a multi-purpose dam for water supply, hydropower generation and irrigation development. It will also provide regulation of flows on Athi River downstream of the dam for flood and drought mitigation. The TMWDP targets broad improvement in productivity and livelihoods over a ten-year period, ending 2023. The Program recognizes the symbiotic relationship between Kenya's water secure and water insecure regions by spanning both the lower and higher levels of the economy to ensure national economic growth is both inclusive and sustainable. Thwake multi-purpose dam is a flagship operation in the draft National Water Master Plan 2030.

The Thwake Multi-Purpose Dam is located in Katithi location of Mavindini Division in Makueni district in Makueni County approximately 1km downstream of Thwake and Athi River confluence. It stretches southwest to Kanyangi location of Kanyangi Division of Lower Yatta District in Kitui County and northwest to Kathulumbi location of Kathulumbi division in Mbooni District, Makueni County. The proposed Dam lies at an altitude of about 840m above sea level, it's embankment is located near RGS 3FO2 at approximately 01o 47' 09" S and 37o 50' 34" E and about 30km to the north of Wote town(Headquarters of Makueni County) and about 8km north from Mavindini market. It will physically cover an area of about 2,900ha spanning from the Dam axis to 2 – 3km wide and a throwback of about 9km upstream, mainly on Thwake river

basin. The catchment is estimated at about 10,276km<sup>2</sup> comprising 35% arable and 65% semi-arable land.

The proposed project site is in Makueni County in the districts of Makueni, Mbooni East, Kathonzweni and Lower Yatta in Kitui County. These districts are among the arid and semi-arid areas (ASALs) of Kenya with generally sedentary land use practice for both livestock and farming. This way of living is influenced by low rainfall and inadequate sources of surface and ground water. This has resulted to constrained general socio-economic activities, low agricultural productivity, poor health and sanitation. Residents have to trek for long distances (5 – 10km) in search of water for domestic use and for their livestock. The scarce water available is risky to their hygiene and health as depicted by the reported high cases of water borne ailments (diarrhoea, intestinal worms, bilharzias and skin problems).

The Athi River basin where the program is located has the lowest per capita water storage in the country, with the semi-arid counties of Kitui and Makueni being classified as food deficit and having poverty rates of 62.5% and 63.8%, respectively. Agriculture is mostly rain fed and there is no existing hydropower generation station within the Basin. People depend on excavating by hand into riverbeds for potable water for a large part of the year.

The construction of Thwake dam is expected to results to displacement of people and loss of productive land, historical and cultural sites. The number of people living in the catchment area of the proposed dam area as derived from census data and field surveys are 5,736.

### **Program objective**

The project aims at improving the Project Affected Persons (PAPs) economic security and rights, contributing directly to initiatives ensuring their economic, social, health and legal empowerment, through investment, capacity building and sensitization.

### **Objectives of the assignment**

The objective of the assignment is to conduct an independent study in the project area to:-

1. Identify Investment Opportunities for Project Affected Persons (PAPs) highlighting the key components of economic empowerment, areas for capacity building as well as the available investment opportunities that the PAPs and the community at large can benefit from.
2. Identify areas of training and types of training and recommend how the training will be undertaken and implemented.

The assignment will also ensure gender participation and inclusion of the vulnerable groups (women headed households, physically challenged and elderly

The consulting firm will work under the supervision of the Monitoring and Evaluation Expert and the Gender and Social Development Expert, to deliver tasks and assignments as agreed,

### **Scope of services:**

The Consultant's specific responsibilities will include, but are not limited to the following:

- Carry out a baseline survey and a needs assessment for the Project Affected Persons (PAPs) on economic empowerment with a view of providing solutions aimed at enhancing their capacity in acquiring employment and improving their livelihoods once they receive their compensation.
- Recommend the best possible training modules for each identified opportunity that will assist the (Project Implementation Team) PIT to mobilize the trainings.
- Identify economically viable opportunities for implementation to empower the PAPs within the project area and increase their employment potential

### **Timing and Level of Effort**

The Consultants' engagement is expected for 2-3 (two-three) months from the date of signing the contract.

### **Deliverables**

1. Inception report that details the approach and methodology to be employed in undertaking this assignment,
2. A report detailing the identified opportunities, the costs of the opportunities, benefits to the target population factoring the gender issues

3. An investment strategy, implementation plan and a budget projection for each of the identified opportunities
4. A PowerPoint Presentation of the report that will be presented to PIT and other stakeholders

All the above deliverables must be in English and the Project Manager will be responsible for approving the deliverables.

### **Qualifications of the Consulting firm**

#### **Human Resource Requirements**

Key Experts required for the assignment will include but not limited to the following:-

1. Community Development Expert (Team Leader)
2. Gender Expert
3. Economist
4. Sociologist
5. Physically Challenged Expert
6. Person with experience on business training( Economic Empowerment Expert)

❖ Membership of the team should compose of at least one person with disability

#### **Reporting**

The reports will be concise and limited to key and significant issues related to the scope of work. The consultancy firm is expected to submit reports on time and ensure that all comments proposed by the client are addressed. The reports shall be submitted to the Thwake Multipurpose Water Development Program (TMWDP) Manager.

#### **Reporting Requirements**

The consulting firm shall report to the Thwake Multipurpose Water Development Program (TMWDP) Manager, and will work under the supervision of the Program Monitoring Expert and the Gender and Social Development Expert, and work hand in hand with the Project Implementation Team (PIT) members, government institutions and stakeholders.