



Inades-Formation Tanzania

Serving the Common Good - Utumishi kwa ustawi wa wote

African Institute for Economic and Social Development

CALL FOR BIDS & TERMS OF REFERENCE

FOR

HYDROGEOLOGICAL/GEOPHYSICAL SURVEY & DRILLING WORKS

Recruitment Method: Firms

Inades-Formation Tanzania (IFTz) is an autonomous NGO affiliated to the network of Inades-Formation International (IFI), covering ten African countries (Cote D'Ivoire, Burkina Faso, Cameroon, Togo, Chad, Democratic Republic of Congo, Rwanda, Burundi, Kenya and Tanzania). IFTz was established in Dodoma in 1989 as a branch of Inades-Formation Kenya. It became an independent National Office in 1992 and acquired full legal status in 1994, after registering with the Ministry of Home Affairs as a "Society" under the provisions of the Societies Ordinance. In June 1996, IFTz became a "Trustee" under the provisions of the 'Trustees' Incorporation Ordinance.

In January 2009, it was awarded the 'Certificate of Compliance', No. 0851 after complying with the terms and conditions of the NGO Policy and NGO Act No. 24 of 2002 as reviewed in 2005. In its efforts to improve the coordination of NGOs in the country, the government through the registrar of NGOs under the Ministry of Health, Community Development, Gender, Elderly, and Children (now the Ministry of Community Development, Gender, Women and Special Groups) awarded IFTz a new certificate of registration number 0448 of 08 February 2022.

IFTz is pleased to invite your company to participate in the tender process for the supply of goods, works, and services for the establishment of the Inades-Formation Dryland Agroforestry Training Centre (IFDATC) at Kisima cha Ndege village in Bahi District, Dodoma Region. IFTz, is seeking competitive bids from qualified and experienced suppliers to fulfill our procurement needs:

PHASE 1: The Survey

- 1) To carry out detailed hydrogeophysical survey of the site provided by Inades-Formation Tanzania. The site is located at the intersection of three villages namely

Zanka, Kisima cha ndege and Asanje, all in Bahi District, Dodoma, 8km off the Dodoma-Arusha highway from Zanka bus stop.

- 2) To use primary data in carrying out the survey. Primary data are collected from hydrogeophysical measurements within the study area using the necessary hydrogeological surveying equipment.
- 3) To use at least two conjunction methods of geophysical survey preferably electrical resistivity and magnetic methods.

The scope of works includes:

- Site visits to familiarize with the project area and identify any issues that might hinder the implementation of the work.
- To obtain, study and synthesize background information including the geology, hydrogeology and existing borehole data, for the purpose of improving the quality of assessment and preparing comprehensive hydrogeological reports,
- To carry out hydrogeological evaluation and geophysical investigations in the selected site to determine potential for groundwater and appropriately locate the drilling point onsite.
- The site selected for borehole drilling/development shall be marked with a concrete marker/beacon, shown in a picture plate and indicated on a sketch map to be included in the final report.

Reporting

The final report to be submitted to the Managing Director of Inades-Formation Tanzania will be a comprehensive account of the whole Consultancy work with focus on potential location/point for borehole drilling/development. It shall include all field data, interpretations and justifications, conclusions and recommendations relating to the investigated area. In addition, appropriate maps, shall be presented.

Eligibility of the On-Demand Consulting Firm

The on-demand Consulting firm should possess/ be able to undertake the following;

- The Consultant is expected to have at his disposal and use for this exercise the modern equipment in groundwater detection capable of producing 2D and 3D imaging systems of the prospective borehole site
- The ability to investigate up to a depth of 250m using a combination of electrical resistivity and the magnetic methods
- Determine quality of water in categories of fresh, salinity, slightly Saline & very saline
- Determine quantity of water in categories of small, medium, large and huge
- Determine aquifer thickness and depth to aquifer
- In country proven record of successful groundwater search
- Registered with the Tanzania Ministry of Water as groundwater Exploration firm.

PHASE 2: The drilling work

- Drilling and development of deep borehole
- Casting and installation
- Pumping and tests
- Water quality analysis

Refer to this published Terms of Reference when submitting your bid.

Submit your bid by email to:

Managing Director,

Inades-Formation Tanzania

Area C, P.O. Box 203, Dodoma

Email: inadesformation.tanzania@inadesfo.net

Copy to: abbamwesiga.kamulali@inadesfo.net