

Terms of Reference

Consultancy Services for the Construction of a Cold Room Storage at the EBI

PN 11.9083.4-001.00

Background:

The Ethiopian Biodiversity Institute has asked GIZ and its donor BMEL to implement the construction of a cold room storage on its premises to extend the existing storage system of Ethiopian plant seeds.

The construction will need to be done by an appropriated construction company experienced in cold room building. However, since GIZ lacks the know-how on constructions of that kind, an engineering or architecture consulting company shall be hired to

- Support the formulation of the constructions' specification and terms for tendering the construction;
- Support the evaluation of the tenders;
- Supervise the construction and assure compliance with terms.

These are the detailed terms for the engineering or architecture consulting.

1.	Tasks
1.1)	Shall advice GIZ and EBI on how to efficiently use the available space, types of materials to use and provide architectural, mechanical and electrical drawings to be approved by GIZ and EBI
1.2)	Shall propose and model, capacity and sizes for all material and equipment with due regard to local and international market also considering GIZ and EBI's desire
1.3)	Shall provide statement of works and technical specifications which include a schedule of items (in terms of type, model, make) categorically for the respective area. Statement of works and technical specifications must give detailed explanation of each item of works and not to be general and vague.

	Standards must be provided for main items of works, materials and products like wall, door, electricity supply, airlock, refrigeration plant, dehumidifying device and safety precautions.
1.4)	Separate Bill of Quantities for each group of works and equipment/materials should be provided with estimated prices based on the current local or international market
1.5)	Works schedule shall be developed as bar-chart (legible on Windows computers)
1.6)	Works schedule shall include both construction, construction supervision, temporary, final acceptance, maintenance and warranty periods
1.7)	Shall prepare a detailed technical and expected price specification with consideration of material availability and construction period for bidding process, to be approved by EBI and to be tendered by GIZ
1.8)	Advice on the offers received by construction companies, comment and suggest on the evaluation for possible ways to select the most able and cost-effective constructor
1.9)	Check and supervise the construction works done by the construction contractor
1.10)	Assure compliance of the construction work with agreed quality level and time schedule and report to GIZ
1.11)	Assure timely finalization of fully operational cold room storage
2. WORK WITHIN THE PROGRAMME	CD-Seed project , Project Number 11.9083.4-001.00
3. PERIOD OF CONTRACT	August 2014 until January 2015 (the end of construction)
4. DELIVERABLES REQUIREMENTS	Submit plans, tendering documents, supervision reports