



Terms of Reference

Position Title:	Baseline Study Consultant – Baseline Survey & Needs Assessment
Organization:	Centre for Environment and Development for the Arab Region and Europe (CEDARE)
Duty Station:	Atfih District, Giza Governorate, Egypt (field-based with remote work as needed)
Duration:	Short-term consultancy (baseline assignment period; exact dates to be confirmed)
Contract Type:	Consultancy

1. Background

CEDARE will implement the project “Promoting Economic Independence through Climate-smart Agriculture and Technological Innovation” in two selected villages within Atfih District, Giza Governorate. To initiate implementation, a comprehensive baseline survey is required to establish benchmark values, support planning, and validate project targets.

2. Position Overview

The Baseline Study Consultant will design and implement a robust baseline survey and needs assessment that establishes baseline values for key indicators and generates actionable recommendations to guide implementation. The assignment will cover both quantitative and qualitative data collection, analysis, reporting, and validation with CEDARE and stakeholders.

Reporting & Coordination: The consultant will work in close coordination with the CEDARE project team and report to the designated Project Manager.

3. Key Duties and Responsibilities

3.1 Review and Planning

- Review all relevant project documents (proposal, logical framework, indicators, and M&E plan).
- Develop a detailed, time-bound implementation plan for the baseline survey in close coordination with CEDARE.

3.2 Methodology Design and Tool Development

- Develop a context-appropriate methodology aligned with project objectives and indicators.
- Design gender-sensitive and culturally appropriate tools (questionnaires, interview guides, FGD protocols).
- Ensure tools are suitable for: farmers, Agricultural Extension Engineers (AEEs), women, youth, and community leaders.

3.3 Needs Assessment (Thematic Coverage)

Conduct a comprehensive needs assessment covering:

A) Farmers

- Identify key agricultural, social, and economic challenges.
- Determine capacity-building requirements in climate-smart agriculture, including: sustainable water management, crop rotation/diversification, integrated pest management, and agricultural waste management.
- Propose training programmes for farmers and AEEs in smart farming and use of digital applications for advisory services.

B) Agricultural Extension Engineers (AEEs)

- Assess knowledge levels, technical capacity, available resources, and gaps.
- Identify training needs required to achieve project outcomes.

C) Small Agricultural Enterprises & Entrepreneurship (women/youth focus)

- Identify value-added enterprise opportunities (e.g., solid agricultural waste recycling, value chains, food processing/preservation).
- Assess economic feasibility of proposed enterprises.

D) Digital Agriculture Applications

- Review available agricultural mobile applications (free and paid).
- Propose ideas for developing tailored applications and pilot smart agriculture solutions for local conditions.

3.4 Field Data Collection (Quantitative & Qualitative)

- Lead and oversee quantitative household surveys and qualitative data collection (FGDs, KIIs).
- Ensure data accuracy, consistency, and quality control.
- Apply ethical standards, including informed consent and confidentiality.



3.5 Required Data to be Collected

Collect and document (at minimum):

- **Farmers:** current practices, climate constraints, economic constraints, knowledge gaps, use of digital tools, women/youth participation and benefits.
- **AEs & community leaders:** technical capacity, digital access, training needs, ability to support farmers.
- **Enterprises:** existing economic activities, market opportunities, women/youth capacity, feasibility of food processing and waste management enterprises (including organic fertiliser/animal feed where relevant).
- **Natural resources & water:** water sources, irrigation methods, cultivated area, crop types, soil/water quality, key environmental issues.
- **Socio-economic:** population composition, reliance on agriculture, infrastructure/transport/market access, impact of price fluctuations on income.
- **Climate-smart technologies:** current application use, need for new tools, practices related to sustainable water use, crop rotation, pest management.
- Any additional information the consultant deems necessary to strengthen project design and implementation.

3.6 Data Analysis and Reporting

- Analyse data using appropriate quantitative and qualitative methods.
- Establish baseline values for all indicators and compare them with project targets.
- Prepare a comprehensive baseline report including methodology, findings, interpretation, and recommendations.

3.7 Validation and Finalisation

- Present preliminary findings to CEDARE and relevant stakeholders for validation.
- Revise and finalise deliverables based on feedback.

3.8 Ethical and Quality Assurance

- Ensure confidentiality, dignity, and protection of all participants.
- Guarantee reliability, transparency, and integrity of results and datasets provided.

4. Deliverables (to be submitted to CEDARE)

1. Inception deliverable: baseline work plan and detailed methodology (including sampling approach).
2. Data collection package: final questionnaires, FGD/KII guides, and field protocols (gender-sensitive and culturally appropriate).
3. Preliminary findings presentation for validation with CEDARE/stakeholders.



4. **Final Baseline Report** (methodology, baseline indicator values, findings, conclusions, recommendations).
5. Data package: raw and cleaned datasets, analytical outputs, and documentation (photos, attendance sheets, observation notes).

5. Qualifications and Experience

- **Education:** Degree in agriculture, rural development, economics, or related field.
- **Experience:** Minimum 10 years of experience in baseline surveys and rural/agricultural assessments.
- **Skills:** Strong quantitative and qualitative research skills; proficiency in data analysis; excellent reporting skills.
- **Language:** Fluency in English; Arabic is an asset.
- **Other:** Familiarity with rural communities and demonstrated adherence to ethical research practices.

6. Application Procedure

Interested candidates should submit the following documents by email to: hrcedare@gmail.com with the subject line: “**Application for Baseline Study Consultant – CEDARE**”:

1. A detailed Curriculum Vitae (CV).
2. **“The deadline for applications is Wednesday, February 11, 2026 – 5:00 PM (Cairo local time).”**