

Government of the People's Republic of Bangladesh
Ministry of Food
Modern Food Storage Facilities Project –MFSP

Terms of Reference for Consultant Services

Individual Consultant

Assignment title	Technical Site Specialist (Civil)
Package number	MFSP-87-SCC-CI-SD-18
Number of Post	8 (eight)
Assignment duration Contract period	48 person-months From December 2014 to November 2018
Primary assignment location	Any of Barisal, Narayanganj, Dhaka, Ashuganj, Mymensingh, Khulna, Chittagong and Madhupur.
Funding source(s)	IDA Project Cr. Number: 52650- BD for Modern Food Storage Facilities Project – MFSP
Contracting entity	Project Director Directorate General of Food

Context of the Assignment

Government of The People's Republic of Bangladesh has received an IDA credit toward the cost of the Modern Food Storage Facilities Project (MFSP), being implemented by the Directorate General of Food, Ministry of Food, and intends to apply part of the IDA credit for Individual Consultancy Services. The overall project development objective is to increase the grain reserve available to households to meet their post-disaster needs and improve the efficiency of grain storage management.

The Project consist of major 3 components: (i) Development of an improved silo storage system to store grain through the construction of modern grain storage silos at eight selected strategic sites, provision of grain storage bins to eligible households under a voucher system for safekeeping of rice and other food in the event of disasters and food shortages and implementation of environmental and social safeguard management activities identified in the ESMPs and/or RAPs for the Project (Component-A). (ii) Implementation of a food policy research program including, inter alia, a range of priority studies for the development of evidence-based policies, strategies, legal and institutional frameworks for improved food stock management and distribution (Component-B). (iii) Project Management, Construction, Supervision, Technical Assistance, Training and Strategic Studies (Component-C).

The project will be implemented by the Ministry of Food through the DG Food. DG Food will have overall responsibility for project implementation, including fiduciary compliance. The DG Food will also be responsible for overall financial management and operation of the designated account. FPMU will lead the development, management and implementation of the integrated food policy research program under Component-B. The Project Steering Committee (PSC), chaired by the Secretary, MoFood, will provide overall guidance and help coordination among various government agencies. The project will be implemented over a period of six years. All works will be completed in year four or five of the project and one to two years will be allowed for the warranty period. A Project Management Unit (PMU) has been established nearby the DG Food's office for day-to-day implementation and monitoring of the project activities.

Objectives of the Assignment

Technical Specialists (Civil) will report to and will work directly under Senior Technical Specialist (Civil). He will maintain coordination between Project Manager, Design and Supervision Consultant firm, contractors and other stakeholders of the project. The specific objectives are:

- i) Carry out all the responsibilities for coordination of all technical activities relating to construction, installation and commissioning.
- ii) Plans, schedules, conduct, and coordinate assigned engineering work; monitors work for compliance to applicable codes, accepted engineering practices and BNBC and ACI Codes.
- iii) Ensures effective communication and coordination on assigned project between all disciplines and all other project participants.
- iv) Responsible and accountable to ensure that all the requirements of the Contracts are being satisfied.

- v) Have sufficient technical knowledge and awareness of details to be able to recognize when technical problems are developing in the various disciplines, and to initiate appropriate corrective actions.
- vi) Ultimate responsibility for both the quality of deliverables and effective execution of project assignments.
- vii) He is responsible for day-to-day interaction with the Client's designated Project Manager/Coordinator as well as coordination of all construction activities performed by staff under him.

Scope of the Assignment

Consultants will work under direct supervision of Senior Technical Specialist (Civil) in close association with the Deputy Project Director with regard to the preparation of bidding documents of all civil works, cost Management and supervision of the contracts. They will discharge his duties in a way that the construction contract management under the project are carried out in an effective and transparent manner in accordance with the applicable contract documents and/or codes.

The Key Responsibilities of the Consultant would include, but not limited to the following

- 1) Prepare Project engineering schedules and forecasts.
- 2) Accountable for the smooth execution of the project by extensive regular contact with assigned project Clients.
- 3) Prepare Monthly project status/progress reports and submit to the PM for onward submission to the PD.
- 4) Responsible for planning, scheduling, conducting and coordinating the technical and management aspects of projects and ensures engineering deliverables are delivered in time.
- 5) Ensure safety rules and regulations are followed at each work site, appropriate safety training and safety equipment.
- 6) When needed, travel to sites to supervise/coordinate the works of the contractors
- 7) Keep copies of drawings and other related papers at the site/site office.
- 8) Follow the work schedule submitted by the contractor and ensure its implementation with quality and within the time frame. Monitors work for compliance to applicable codes, accepted engineering practices, and BNBC and ACI Codes for the civil construction and the silo construction
- 9) Promptly report to the Senior Technical Specialist (civil) any incidence that may delay or jeopardize the project's progress.
- 10) Have sufficient technical knowledge and awareness of details to be able to recognize when technical problems are developing in the various disciplines, and to initiate appropriate early corrective actions.
- 11) Prepare Monthly project status reports and submit to Project Manager for onward submission to the PD.
- 12) Perform assignments as given by the Project Manager.
- 13) Follow work plan submitted by the contractors and monitor activities with the time frame given in the work plan.
- 14) Be in constant communication with the Project Manager.
- 15) Requires extensive regular contact with assigned project Clients.

- 16) Participate in Client/contractor meetings and resolving Client/engineering and management project issues, when required.
- 17) Verify and check the test results and frequency of tests of key construction materials as outlined in the bidding documents.
- 18) Should be familiar with Bank's model Bidding documents and Government's Public Procurement Rules 2008 and Public Procurement Act 2006.
- 19) Provide upfront solution to issues (technical and operational) arising during construction.
- 20) Should be present full time at site and present during all casting works.
- 21) Review variations and the justifications provided by the contractors on the variations.
- 22) Should be capable of costing the variations
- 23) Inform in advance on contract amendment and variations to the contract.
- 24) Ensure that all works outlined in the Bill of Quantities have been executed by the contractor.
- 25) Review work program submitted by the contractor and recommend changes on the same to expedite implementation and completion of the work.

The Consultant will work closely with the Project Manager of Project and Coordinate all civil works. The consultant will sit in one site office of eight locations, as posted by Project Director. All applicants must be agreed to work at any site of the project. S/he will work in close collaboration with the other consultants and consulting firms.

Expected Outputs & Deliverables

1. Stay at project site to supervise and monitor the progress of works;
2. Prepare monthly progress report on the status of progress of implementation of works;
3. Review of contractors submittals, verification of progress and interim payment requests;
4. Review and verify the test results of key construction materials and ensure frequency of testing as per bidding documents;
5. Review of bidding documents primarily focusing on technical specifications, detailed designs, drawings and BOQs;
6. Prepare a detailed checklist for ensuring quality and workmanship during all stages of construction works;
7. Periodical reports following formats and Guidelines of IMED and Bank respectively;
8. Conduct any work as advised by the Project Director, Senior Technical Specialists and Project Manager.

Consultant qualifications and expertise required:

The **Technical Specialist (Civil)** should have the following academic qualification, skill and professional experiences:

- Bachelor of Science in Civil Engineering / Civil and Environmental Engineering . Preference will be given to candidates with higher degree.

- Minimum 10 (ten) years of experience with advance knowledge, obtainable usually through a combination of experience and continuing education; or equivalent combination of education, training and experience.
- Experience in working with multidisciplinary projects.
- Experience in any IDA funded project will be preferred
- Excellent computer skills (MS Word, Excel and internet).
- Proven track record of ability to develop monthly work plan and relevant report;
- Ability to impart training to the project staff on various safety measures relating to construction works;
- In depth knowledge of technical and legal aspects of construction in development projects.
- Must possess excellent communication skills in English, both written and spoken.
- Project management, supervision and monitoring
- Experience in sub-structure and foundation works with in-depth practical experience in all types of piling works
- Practical experience in the construction of jetties
- Proven track record on operating the total station meter to be used in topographic survey etc.
- In depth knowledge and field experience in the construction of building works
- Fully conversant with the World Bank Guidelines for Procurement, Public Procurement Rules 2008 and Public Procurement Act 2006

Reporting and supervision arrangements:

The consultant will report to the Project Manager/ Coordinator.

Responsibilities of the contracting party

MFSP will provide office space and institutional support. The contracting authority will provide all relevant reports, maps, data and studies as are available. The contracting authority will provide any other assistance not readily available that the consultant may reasonably request, including liaison with the Government and other agencies concerned.

Annex- 1

Brief Description of the Project Modern Food Storage Facilities Project (MFSP)

Project Description

The major component of the project is an improvement of silo storage system to store milled rice (and wheat to a lesser extent) with a total capacity of around 535,500 tons. Subject to full compliance with the requirements in the publicly disclosed ESAMF and prior completion of all complementary site-specific studies and analyses required, the silos would be constructed at about eight sites in various strategic locations across the country. The eight sites proposed are on land currently owned by the DG Food, and no land acquisition will be required.

Overall Project Objective:

The overall project development objective is to increase the grain reserve available to households to meet their post-disaster needs and improve the efficiency of grain storage management.

Specific Objective of The Project

The following are the key objectives of the project

- (i) Increased availability of grain stocks immediately following a major disaster event;
- (ii) Increased number of households whose grain needs can be met immediately after the disaster;
- (iii) Improved efficacy of the grain storage system, and monitoring and management of the food stock in the country;
- (iv) Reduced loss in grain stocks relative to pre-project losses;
- (v) Reduced cost in storing foods and its transportation and distribution;
- (vi) Ensured better monitoring, and improved governance and management of food stocks;
- (vii) Achieved higher operational efficiency;
- (viii) Minimized Land area required;
- (ix) Ensured higher security against pilferage; and
- (x) Minimized insect pest infestation and grain moulds.

Description of the Project Components:

Component A – Construction of Modern Grain Storage Silo Facilities

The primary objective of this component is: i) to improve the storage capacity for grain at the country level by financing the construction of modern steel silos for rice and wheat, that will be built in accordance with social and environmental sustainability parameters and safeguards compliance criteria; and (ii) facilitate the access of households to domestic silos for food grain and seed storage, to improve household level food security during and after natural disasters. This component would include: (A1) Public storage facilities in the form of modern grain storage silos; (A2) Household level storage facility or family silos particularly in the disaster prone areas of the coastal zone; and (A3) Implementation of social and

environmental management plans.

Component B – Support for Food Planning and Monitoring Program.

The objective of this component is threefold: i) enhance the institutional capacity of DG Food and FPMU and support these agencies in carrying out their respective mandates; ii) address analytical gaps and support the development of an evidence-based policy framework to improve the efficiency and performance of the country's overall food storage system and management of strategic grain reserves, and iii) improve the coordination of public agencies (in particular DG Food and FPMU with MoDMR) involved in procurement, public storage, and distribution of food grains, as well as disaster relief. FPMU is responsible for monitoring of the food situation in the country and the implementation of related policies, while DG Food is responsible for physical procurement and management of government food stocks in accordance with agreed food security policies including the supply of food to the disaster-affected population, through relief and rehabilitation programs. The component will contribute to reconciling policies and public interventions: i) on food distribution (taking into account short and longer term storage capacities), ii) in response to incremental demand for food grain in post-disaster situations, and iii) aimed at achieving price stabilization for coarse grains normally consumed by the poor and vulnerable.

Activities supported under this component will directly contribute to enhancing the coordination between MoFood and MoDMR agencies, and to improving the decision-making process on food storage, food distribution, and market intervention on the basis of up-to-date, sound and informed analyses. Subsequently, the Bank expects GoB to follow up on these policy recommendations with concrete policy actions and/or improvements to relevant regulations and institutional arrangements that address key questions around enhancing the efficiency and performance of the food storage and food distribution system. To that effect, a range of studies will be developed, undertaken and disseminated under Component B to answer the following strategic challenges: (a) the 'optimum' volume of grain to be stored and its implications on GoB's policies; (b) impacts of GoB food market interventions on price stabilization and broader food markets; (c) improvements in enabling environment to promote a sustainable participation of private sector; (d) strategy for disposing of the grain stored in the modern facilities; (e) current physical condition of the existing public storage facilities; (f) policy, legal and institutional framework, and technical requirements for nutrient fortification; and (g) introducing warehouse receipt system.

Component C- Project Management, Construction Supervision, Technical Assistance, Training and Strategic Studies.

This component will finance costs required to ensure adequate overall management of the project, monitoring and evaluation of the activities implemented, and capacity enhancement of selected stakeholders. It will include: (C1) project management of the task, incremental staff and expenditures of the DG Food in implementation of the project, the costs for implementing the Governance and Accountability Action Plan (GAAP), including a panel of experts, as needed, a procurement panel, audit and other such costs; (C2) cost of consultants for preparation of bidding documents, construction supervision and updating of designs required during the construction; this would among others include costs for construction supervision, monitoring and evaluation of project impacts; (C3) provision of technical assistance, training, institutional capacity building, preparation of future projects, and any strategic studies needed during project implementation and not covered under Component-B.

Curriculum Vitae (CV) for the Individual Consultants

For MFSP Project (IDA Credit Number 52650-BD)

1. Proposed Position:
2. Package No.:
3. Name of Applicant:
4. Contact number and Email address:
5. Mailing Address:
6. Permanent Address:
7. Date of Birth:
8. Nationality:
9. **Education:**

Degrees and academic distinctions	Institution, place and country	Year of Passing	Division/Class/Grade

10. Membership of Professional Associations:

11. Training:

12. Computer literacy:

13. Languages:

Language	Speaking	Reading	Writing

14. Employment Record:

Type	Period	Positions held and responsibility	Employer

15. Work undertaken that best illustrates capability to handle the tasks applied for :

16. Working in IDA funded project:

17. Reference:

Full Name	Full Address	Business or Occupation

18. Expected remuneration excluding VAT and source tax:

19. Publication:

20. Any other information other than above may be included here.

CERTIFICATION.

I, the undersigned, certify that to the best of my knowledge and belief, this bio data correctly describes myself, my qualifications, my experiences and my skills. I understand that any willful misstatement described herein may lead to my disqualification or dismissal, if engaged.

Date of Signing
___/11/2014

Signature

Government of the People's Republic of Bangladesh
Office of the Project Director
Modern Food Storage Facilities Project (MFSP)
Directorate General of Food
16 Abdul Ghani Road, Dhaka-1000
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Memo no. MFSP-13.01.0000.362.11.001.14(Pt-1)-

Date: 13/11/2014

**Request for Expression of Interest (EOI) for Selection of Individual Consultants (Time-Based)
Eight Civil Engineers (Technical Site Specialist) and
One Project Implementation Manual Specialist**

1. Government of The People's Republic of Bangladesh has received an IDA credit 5265-BD toward the costs of the Modern Food Storage Facilities Project (MFSP), being implemented by the Directorate General of Food (DG Food), Ministry of Food and intends to apply part of the proceeds for Individual Consultancy Services who will provide specific technical inputs for effective execution of the Project.
2. MFSP now invites eligible Individual National Consultants to submit their Expressions of Interest (EOI) for providing the services mentioned below.
3. Position with qualifications, expertise and duration (Details are available in TOR):
 - a. **SD-14: Project Implementation Manual Specialist, 1 no**
 - i) Master of Science in engineering or social science/equivalent subjects, and minimum 12 (twelve) years of experience with advance knowledge, obtainable usually through a combination of experience and continuing education; or Equivalent combination of education, training and experience.
 - ii) Must have proven experience in writing such manuals of at least two donor funded projects (experience with World Bank project is an added advantage).
 - iii) Excellent computer skills (MS Word, Excel and internet).
 - iv) Duration : 5 (five) months
 - v) Duty station : Dhaka
 - b. **SD-18: Technical Site Specialist (Civil), 8 nos**
 - Bachelor of Science in Civil Engineering / Civil and Environmental Engineering . Preference will be given to candidates with higher degree.
 - Minimum 10 (ten) years of experience with advance knowledge, obtainable usually through a combination of experience and continuing education; or equivalent combination of education, training and experience.
 - Experience in any IDA funded project will be preferred
 - Experience in sub-structure and foundation works with in-depth practical experience in all types of piling works
 - Practical experience in the construction of jetties
 - Proven track record on operating the total station meter to be used in topographic survey etc.
 - In depth knowledge and field experience in the construction of building works
 - Details are mentioned in TOR
 - Duration : 48 person-months
 - Duty station : Any of 8 sites. Barisal, Narayanganj, Dhaka, Ashuganj, Mymensingh, Khulna, Chittagong and Madhupur.
4. **Selection Procedures:** The applicants are requested to submit Curriculum Vitae (CV) in the prescribed format along with copies of certificates, one recent passport size photograph and expected remuneration. The Terms of Reference (ToR) and format of CV are available in the web address: www.dgfood.gov.bd. Interested applicants may also get the same from the office of the undersigned during office hours. The individual consultants will be hired following the method of hiring the individual consultant provided in the World Bank Guidelines for Selection and Employment of Consultants under IDA Credits & Grants by World Bank Borrowers updated January 2011.
5. **Remuneration:** Negotiable consolidated remuneration inclusive of all applicable Tax & VAT as per law of Bangladesh within the project allocated budget.
6. **Last date of submission: 11 December 2014.**
7. **Place of submission:** Office of the undersigned.
8. Only short-listed candidates will be contacted.
9. The authority reserves the right to accept or reject all EOIs.

(Md. Gazi Ur Rahman)
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