



Ministry of National Planning, Housing and Infrastructure

Republic of Maldives

Advertisement Reference: (IUL)471-PIDS2/1/2022/11

Date: 7th February 2022

COASTAL PROTECTION AT GN. FUVAHMULAH

PROJECT ENGINEER TERMS OF REFERENCE

A. PURPOSE

The Government of the Republic of Maldives through the Ministry of National Planning, Housing and Infrastructure (MNPHI) is implementing “Coastal Protection at Gn. Fuvahmulah” financed by the Netherlands Enterprise Agency and the Kuwait Fund for Arab Economic Development, and intends to apply part of the proceeds for the selection of a **Project Engineer** for the implementation of this project by Ministry of National Planning, Housing and Infrastructure.

B. BACKGROUND

Coastal erosion is one of the most serious environmental issues facing Fuvahmulah. According to the present assessment, coastline regression due to erosion has been on average 0.8m/year over the period of the past 47 years (1969 – 2016). It is believed that approximately 15 ha of land had been lost from the island due to erosion. As a result, several important buildings, facilities and palm trees have been found at the border of the eroding coastline. The project Island has an elongated shape with raised ridges at the coastal margin sloping down towards the middle where depressions with swampy areas and two freshwater lakes in the middle. The ridge forms a natural protection against flooding of the island. However, erosion is threatening the integrity of the ridge at the north-eastern side of the island. When the ridge breaches serious flooding of a large part of the island will occur affecting the livelihood of the people, freshwater bodies, agricultural produce and infrastructure on the Island. The population on the Island is highly concerned about this serious risk resulting in feelings of insecurity and limiting socio-economic development of the island.

C. OBJECTIVES OF ASSIGNMENT

The objective of this assignment is to provide technical and engineering input for project activities, in accordance with the project documents and as per the donor guidelines in collaboration with the project team and stakeholder agencies to ensure all implementation arrangements of projects are carried out smoothly and on time.

D. OVERALL RESPONSIBILITY

The overall responsibilities of the Project Engineer include, but are not limited to the following:

1. Technical coordination of the project activities
2. Participate in construction oversight activities for the project
3. Monitoring and evaluating civil works projects carried out by the PMU

E. SCOPE OF WORKS

The Project Engineer will carry out the following activities:

- Liaise with Project stakeholders to ensure technical compliance of project components with Project Approval Documents and Operational standards of regulators and donors;
- Visit project sites and inspect the civil works of project and give site specific suggestions where necessary;
- Reviewing technical design of project and bill of quantities, and revising the design specifications in accordance with project documents;
- Assistance during field surveys and subsequent report compilations;
- Assistance in tendering process, including in procurement and contract negotiations stage;
- Assistance in preparing and revising project activities and financial plans as when required by the Government and funding agency;
- Assist in review and evaluation of project reports and documents;
- Review payment invoices and preparation of interim payment certificate;
- Assist and advice PMU in preparing information/reports such as annual work plan, annual project review reports, project progress reports, bi-annual reports, quarterly reports etc. and other documentation requested by MNPI or funding agency for review and/or for presentation;
- Provide technical input on projects documents as required;
- Participate in construction oversight activities during civil works, and maintain regular meetings, maintaining logs and records of the progress, issue of change notices and approval of payments;
- Participate in document review, evaluation and other relevant committees that may be formed under PMU as required;
- Assist and advice the Ministry (MNPI) in developing and reviewing proposals, concept and designs pertaining to coastal protection projects and provide necessary comments and suggestions.
- Participate in monitoring and evaluation for the contracts issued for projects managed by PMU including but not limited to the following:
 - i) Implementation schedules and budget;
 - ii) The performance of the component against the component objectives;
- Undertake other technical tasks as and when required by the MNPI

F. QUALIFICATIONS AND EXPERIENCE

1. Minimum undergraduate degree related to Civil/Environmental or Coastal Engineering with at least five (5) years of experience in a similar assignment.
2. Must have professional work experience of at least five (05) years with minimum three (3) years' experience in designing and implementing coastal protection and/or coastal modification projects.
3. Previous work experience in donor funded projects would be an added advantage.
4. Should possess sound knowledge of computer aided design software/applications;
5. Should have excellent command over English language with proven communication, presentation and negotiation skills
6. Should have strong command over English language with proven communication, presentation and negotiation skills and in, discussing and resolving difficult issues and have ability to work efficiently and effectively with a multidisciplinary team.
7. The successful individual must be willing to work for extended periods without direct supervision and travel routinely to project site.
8. In addition, the individual's reputation of integrity and impartiality routed in independent from third parties shall be considered.
9. The short-listed candidate will be requested to participate in personal interviews and submit the names and contact details of personal referees who can attest to their ability.
10. The successful candidate must understand the objectives and delivery mechanisms of the projects portfolio. He/she must be willing to work in a team, be flexible to emerging or changing conditions, and undertake initiative in his/her broad field of actions.

G. REPORTING REQUIREMENT

1. Report directly to the Head of Infrastructure department on all aspects of Project Management throughout the duration of the contract unless otherwise advised by the Client.
2. The Engineer should report to work on week days from 0800 – 1600 hours other than public holidays and provide services to the Client for an average of 40 hours a week. Remuneration for less than 8 hours work per day will be on a pro-rate basis.
3. The PE shall ensure that all the required reports for the project are prepared on time, in accordance with the requirements of Client and respective donor agencies.
4. The Engineer is required to report to work in official attire.

H. SCHEDULE FOR THE ASSIGNMENT

Duration of the assignment is **24 months** from the commencement of the works with potential renewal of contract based on performance and organizational need. The successful candidate is expected to commence the services in February 2022.

I. SELECTION CRITERIA

The Project Engineer will be selected based on the following criteria.

Rating Criteria	
Criterion	Rate
Work Experience	40 points
Work experience at least five (5) years	20
Work experience in similar assignments at least three (3) years	15
Work experience in previous donor funded projects	5
Education	30 points
Undergraduate Degree in Civil/Environment or Coastal Engineering	10
Postgraduate Degree in Civil/Environment or Coastal Engineering	20
Interview	30 points

J. REMUNERATIONS AND LEAVE DETAILS

1. Successful candidate will be paid a fixed monthly fee depending on qualification and experience ranging from **MVR 22,770 to MVR 39,330**. Whereas 50% of the eligible amount will be paid as Monthly Basic Salary and 50% will be paid as Living allowance. Remuneration will be determined as per number 13-NPC/CIR/2018/5 (22nd March 2018) circular issued by National Pay Commission.
2. Successful candidate will be entitled to Pension deduction as per Maldivian Pension Act from the Monthly Basic Salary (7%).
3. In addition, any fees payable to the individual for duty travel assignments will be paid by the Client.
4. Ramadan allowance at the government prevailing rates shall be provided by the Client.
5. Leave entitlement shall be as follows;
 - a. Annual Leave: The Consultant may take up to thirty (30) working days leave per calendar year.
 - b. Sick Leave: The Consultant may take Thirty (30) days of paid sick leave.
 - (i) The Consultant is allowed to take 30 days sick leave with medical certificate specifying the nature of the illness and recommended duration of sick leave by a licensed medical practitioner is to be submitted on the first day back at work.
 - (ii) Notwithstanding the above, Consultant is allowed to take first 15 days' sick leave without medical certificate and can be taken for two consecutive days.

- c. Family Responsibility Leave: The Consultant may take Ten (10) days of paid leave in a year to attend important obligations such as tending family members during illness.
- d. Unpaid Leave: The Consultant will not be paid for leave(s) that exceed the maximum allowed and the Client may terminate the contract if the unpaid leave exceeds more than thirty (30) working days.

K. APPLICATION

Interested applicants may submit their proposal in a sealed envelope indicating the following:

1. Letter of Expression of Interest (EOI)
2. Copy of National Identification Card
3. Attested copies of Educational Certificates (copies taken from with original accredited certificates)
4. A CV that demonstrates that the applicant is qualified to perform the services (including a description of similar assignments, experience in similar conditions, availability of appropriate skills etc.)
5. Reference Letters from current/previous employers.

L. SUBMISSION

Interested candidates may submit their proposals on or before the time provided in the advertisement to the following address:

Infrastructure Department,
Ministry of National Planning, Housing and Infrastructure,
Ameenee Magu, Maafannu Male', 20392,
Republic of Maldives.
Email: tenders@planning.gov.mv