



# Ministry of Environment and Energy

Male', Republic of Maldives.

برقيم برقير وورش مرسك - برقيم وري روع رس

وسرے بر دو دسروار برسروس مرع دسری ور مراده.

# كىرۇ، ئىرى درور سىمىىگەر دىرىد دىسرسىھىم دۇ دىدۇدىرى دىد، دىدى دىدى (دۇ.د.د.) رس سەۋ ئردن - وکوءِ وْسْ مُورْ دُرُورُرُيْرُورُمْ وْبِرْفَاعُورْ سِرِورْ دِرْجِيرِدَيْر (س٠٠٠) دُدُ رُودُونْ دَرْدُونْ

# المردد المراد والمردد وروم سوونو دیروسردید (س.د)

ر الرواد المراد المراد المرد ا לת בל משל אל מו (01) מפל המש תר גל ההתייע ל בל שיל של מל בל בל ב

\*\*\* כ הפת התפתחת ב בהתתה המו באצו בהתים ב הם נו מו נו בין בין ב בצפת ב הפת התפתחת בל בהתה החום של בא בא בהחום ממחת בתב בתב בת בת הבל ה 

ر المرادة و المرادة على المرادة و المردة و المر

سِووْ دِسْ عِبْدَيْهِ وَيُحْرُرُ لَيْرَوْمِوْ وَيُدْوَدُ لِعَدِيْدِ رُسْسُرُو الْمَيْرُومُونَ مَيْدُورُدُ

- رُسوف مرور دروس.
  - (س) دَوْرُودُسْ 50 مُرَثِهِ وَوَرْدُ بَرُوْرٍ مُوَثِيرًا بِوَ وَرِوْسُ
- (س) جَرِسْرُورْدُوْرِ جَرْدِرْدُرُوْدُ دَرِدُرُ رِسْرُدُ دُنْ مِنْدُرُورُ مُؤْدِ رِسْرُدُودُ جَرَدُو وَيُرُو وَيُرُو وَيُرُو وَيُرْدُونُ وَمُنْ رَسْمَاسُ
- (x) وَرَسِمُ اوْجُ مُرِبُ وَسِمُ مُرِيعُ مُرِيعًا عِجُرِسُ لَا وَوَجُرَا مُرَاسِرُسُ عِجُرِسُ الْحُوجُورُمِ ال משת הגתפאפצתפית.
- (0) בַּאָבֶער היו היינצאין בּרְבַנָּה בֹּאָבָר בָּאַבּירָם בֹאָבּר בָּאָבּירָם בִּאָרָה בָּאָבּירָם בּאָבּר בָּאָבּירָם בּאָבּר בָּאָבּירָם בּאָבּר בָּאָבּירָם בּאָרָבּירָם בּאָבּירָם בּאָבּירִם בּאָבּירִם בּאָבּירִם בּאָבּירִם בּאָבּירִם בּאָבּירִם בּאָבּירָם בּאָבּירִם בּאָבּירִים בּאָבּירִם בּאָבּירִם בּאָבּירִם בּאָבּירִים בּאָבּירִים בּאָבּירים בּאָבּירִים בּאָבּירִים בּאָבּירִים בּאָבירים בּייבירים בּייבירים בּאָבירים בּאָבירים בּאָבירים בּייבירים בּאָבירים בּייבירים בּייבי و فرروس.



1 294 200 3



- (٧) گُره دُر دُر اُرُور مُنْ مُعْرِه وَرُورُ مِ دِرُدُ مُعْرِورُورُ وَمُرُورُ وَمُرُورُ وَمُرْدُورُ ورُدُورُ وَمُرْدُورُ وَمُورُورُ وَمُرَدُورُ وَمُورُورُ وَمُورُورُ وَمُورُورُ وَمُورُورُ وَمُورُورُ وَمُورُورُ وَمُورُورُ وَمُورُورُ وَمُؤْرُ وَمُورُورُ ورُورُ وَمُورُورُ وَمُورُورُ وَمُورُورُ وَمُورُورُ وَمُورُورُ وَمُورُورُ وَمُورُورُ وَالْمُورُورُ وَمُورُورُ وَالْمُورُورُ وَالْمُورُ وَالْمُورُ وَالْمُورُورُ وَالْمُورُ وَالْمُورُ وَالْمُورُورُ وَالْمُورُ وَالْمُورُ وَالْمُورُورُ وَالْمُورُ وَالْمُورُورُ ورُورُ وَالْمُورُ ولِورُ وَالْمُورُ وَالْمُورُ وَالْمُورُ وَالْمُورُ وَالْمُورُ وَالْمُورُ وَالْمُورُ وَالْمُورُورُ وَالْمُورُ وَالْمُورُ ولِ وَالْم
- (۱) كَرْدَرُورْدَ دِرْدَ دُرْدَ دَرْدَ دَرْدُ دَرْدَ دَرْدَ دَرْدَ دَرْدَ دَرْدَ دَرْدُ دَرْدُ دَرْدُ دَرْدُ دَرْدُ دَرْدَ دَرْدُ دُرْدُ دَرْدُ دَرْدُ دَرْدُ دَرْدُ دَرْدُ دَرْدُ دَرْدُ دَرْدُ دُرْدُ دُرْدُ دَائِعُ دَرْدُ دُرْدُ دُرُدُ دُرْدُ دُرُدُ دُرُ دُرُ دُرُدُ

#### د دد مرتح بخر

- دِ وَيُؤْوَرُ رُو وَمُرْمَرُ وَسُمِيرِهُ كَهْوَدِ 38,550.00 مَّدِ 38,550.00 مُولَّدُ مُؤْفِر دُفِيْ مُرَدُ مُسَاعَ مُعِ وَمُدُو

# وُسَمُرُمُونُ وَمُعْرِضُ

- و وَسَمِرَمُو مِنْ مُرْدُو وَ وَمُرَّوُ مُرَّوُ مُرْدُو مُرَّوِّ مِنْ مُرَدِّ وَوَ وَرَوْعُ وَ وَ مُرَّوِّ مُرَّوِ مُرَّوِ مُرَّوِّ مُرَّوِّ مُرَّوِّ مُرَّوِّ مُرَّا وَ وَمُرَّدُ وَمُرَدِ وَمُرَّدُ وَمُرَّدُ مُرَّدِ مُرَّا مُرَّا مُرَّا وَمُرَّدُ وَمُرَّدُ مُرَّدُ مُرْدُ مُرَّدُ مُرَّدُ مُرَّدُ مُرَّدُ مُرَّدُ مُرَّدُ مُرَّدُ مُرَّدُ مُرْدُ مُرْدُ مُرْدُ مُرْدُ مُرْدُ مُرْدُ مُرْدُ مُرْدُ مُرْدُ مُرْدُدُ مُرُدُدُ مُرْدُدُ مُ مُرْدُدُ مُرْدُدُ مُ مُرْدُدُ مُ مُرْدُدُ مُ مُرْدُدُ مُ مُرْدُدُ مُرْدُدُ مُرْدُدُ مُرْدُدُ مُرْدُدُ مُ مُرْدُدُ مُرْدُدُ مُ كُلِكُ مُ مُرْدُدُ مُ مُرْدُدُ مُ مُرْدُدُ مُ مُرْدُدُ مُ مُرْدُدُ مُ مُرْدُودُ مُ مُرْدُدُ مُ مُرْدُدُ مُ مُرْدُدُ مُ مُرْدُدُ مُ مُرْدُودُ مُ مُرْدُودُ مُ مُرْدُودُ مُ مُرْدُودُ مُ مُرْدُودُ مُ مُرْدُدُ مُ مُرْدُودُ مُ مُرْدُودُ مُ مُرْدُودُ مُ مُرْدُودُ م

#### מומים ענימים א ממעשה האמים

- - وَمِ وَمُرْ مُورِ رَمْرُو وَمُوكِدُ
- \$\frac{1}{2}\frac{1}
  - جورورو مرور و معرور معرور در درورو مرورو مرورو مرورو
    - 0 000 0101 (2000) 1 100 00 1 2 3 640.
- جودُ سَمُوسُورُ وَسَمُرَامُ لَمُدُورُهُ وَمُرَامُونُ مُرَّلُهُ وَمِ وَرَبِّرُ وَرَدِ مُرَّدُ مُرَّلُ وَمُ وَمُرَدُّ مُرَّلُ مُرَّلُ مُرَّلًا مُرَّدُ مُرَّدًا مُرَادُ مُرَّدًا مُ مُرَّدًا مُ مُرَّدًا مُرَّدًا

#### شهنگری م

ڝؙٛڎڎٛۊؙؠڔڰ ڗؙؠٞ۠ۿۿؙؽۺ 2018 ئۇھىردىم 13 ۋىر قرۇرۇ 12:00 ئى ئىبىر، دىمۇپۇرىئىش دۇ رېرھىرىسى، مِيرى دِگَ دَاغْرَدُ وَنْرْدُوْنْرْ دُوْرُوْنْرْ دُوْرُوْنْر.







# 

وبر عَ هُمَّ مُرَّدُ مُرَّوَ مُرَّدُ وَمُرَّدُ مُرَّدُ مُرْمُونُ مُونُونُ مُرْمُونُ مُرْمُونُ مُرْمُونُ مُرْمُونُ مُرَمِّدُ مُرْمُونُ مُرْمُونُ مُرْمُونُ مُرْمُونُ مُرْمُونُ مُرْمُونُ مُرْمُونُ مُرَامِنُ مُونُونُ مُرْمُونُ مُرْمُونُ مُرْمُونُ مُرَمِونُ مُرَامِنُ مُونُ مُرْمُونُ مُرْمُ مُرْمُونُ مُونُ مُرْمُونُ مُونُ مُونُ مُونُ مُونُ مُرْمُونُ مُرْمُونُ مُونُ مُونُ مُونُ مُونُ مُونُ مُونُ مُونُ مُونُ مُرْمُونُ مُونُ مُو

كويتر سرسره تر: 3018386

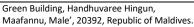
# مِمْرُ وَمُوْرُمُ:

5 ئۇڭىرۇم 2018











# **Ministry of Environment and Energy**

Male', Republic of Maldives.

رة م بعور ووسرميرس - رفي مردر

בתריים א הל התלות לתלים התו התאה - התריים א הל התלות לתלים התו התאה

Reference No.: (IUL)438-HRU/438/2018/48

# Improvements to solid waste management in Zone 4 & 5

Civil Engineer (CE)

**Request for Expressions of Interest** 

The Government of the Republic of Maldives has received financing from the World Bank toward the cost of the Saafu Raajje - Maldives Clean Environment Project for Zone IV and V, and intends to apply part of the proceeds for the services of a full time Civil Engineer (CE) to provide technical assistance and input to the project to improve solid waste management in selected zones.

The objective of this assignment is to give and provide technical/ engineering assistance and input where necessary to the development and implementation of solid waste projects administered by the Ministry of Environment and Energy (MEE).

To be eligible for the position the individual is expected to demonstrate the following:

- 1. A Bachelor degree or higher in civil or environmental engineering. Having studied environment elective subjects will be an added advantage.
- 2. Must have professional work experience of minimum Five (05) year with field experience of engineering designing. Having experience in waste management infrastructure designing will be an added advantage
- 3. Should possess sound knowledge of computer aided design software/applications
- 4. Should have excellent command over English with proven communication and, presentation and interpersonal skills
- 5. Should be able to work extended hours

The successful individual must be willing to work for extended periods without direct supervision and travel routinely to islands within the catchment.

In addition, the individual's reputation of integrity and impartiality routed in independent from third parties shall be considered.



Maafannu, Male', 20392, Republic of Maldives. +(960) 301 8300 +(960) 301 8301 www.environment.gov.mv

Green Building, Handhuvaree Hingun,

دېرىر ھوروسى

secretariat@environment.gov.mv



Monthly remuneration from the project will be between MVR 35,000.00 - 38,550.00 based on the education qualification and experience.

The Ministry of Environment and Energy now invites interested eligible individual consultants to submit their application letter, CV, including information that demonstrates their qualification to perform the services (description of similar assignments and experience in similar conditions, familiarity with appropriate skills, reference, education certificates and national identity card/passport copy etc).

Interested individuals may obtain an outline Terms of Reference from www.environment.gov.mv and acquire further information on request by writing to the Ministry's email address.

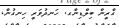
The expressions of interest must be submitted to the address below no later than 1200 hours on 13 February 2018.

Human Resource Section Ministry of Environment and Energy Green Building, Handhuvaree Hingun, Maafannu, Male', 20392, Republic of Maldives Contact Number: 3018386

5 February 2018







www.facebook.com/environment.gov.mv



## **Ministry of Environment and Energy**

Male', Republic of Maldives.

رِقْمِ سِهُورِ وْفْرِسْمْ بِرَمَاسْ - رِيْمِوْدٍ رُوْجُرْسْ

جرس مع مر مرو مرسوم مرسوع م

Date: 5 February 2018 No: (IUL)438-HRU/438/2018/48

# MALDIVES CLEAN ENVIRONMENT PROJECT CIVIL ENGINEER TERMS OF REFERENCE

## A. BACKGROUND

Solid Waste Management (SWM) is a priority sector for the Maldives due to the fact of high economic and social dependence on a healthy marine environment. In recent years there has been a significant increase in the magnitude of waste management problems throughout the country for a number of reasons, including but not limited to population increase, changing lifestyle, dependence on importation, coupled with the environmental challenges brought about by the growing tourism. The worsening waste management situation is increasingly resulting in pollution of the environment and the generation of conditions prejudicial to public health. Practices vary from community to community, but at most islands waste is building up into many open dump sites spreading across islands and disposed of either in the sea or by open burning. Predicting the threats to the economic development, the Government of Maldives took a decision to invest heavily in the waste sector with the support of various donors and international agencies to build the necessary infrastructure to develop an integrated and sustainable solid waste management system throughout the country on a Zonal approach.

This process has started in 2008 with the support of the World Bank Group, under the International Development Association (IDA) credit to develop an integrated SWM system for Zone II, namely the Maldives Environmental Management Project (MEMP). This project has been completed in 2015, by developing SWM systems at the island's level and a regional incineration plant to serve Zone II islands' wastes generated that cannot be managed at the islands level.

Following the success of the MEMP project and the design implemented, the Government of the Republic of Maldives has applied for a grant from the IDA for the Maldives Clean Environment Project (MCEP) and shall allocate a portion of the grant for Consultancy services to prepare detailed technical and financial Feasibility Study for the integrated Solid Waste Management Project component serving Zone IV and V.

Accordingly, the Ministry of Environment and Energy (MEE), the GOM's implementing agency for the MCEP is seeking the assistance of a qualified and competent consulting firm for preparing a detailed



Maafannu, Male', 20392, Republic of Maldives.

+(960) 301 8300
+(960) 301 8301
www.environment.gov.mv

Green Building, Handhuvaree Hingun,





technical and financial feasibility study for an integrated SWM system to serve Zone IV and V for the next 30 years.

#### **B. OBJECTIVES OF ASSIGNMENT**

The objective of the assignment is to provide technical/engineering input and advice about activities undertaken under projects managed by PMU.

#### C. OVERALL RESPONSIBILITY

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

- Technical coordination of the projects; and
- Participate in construction oversight activities for the projects;
- Monitoring and evaluating operating performance against the indicators established in the Monitoring and Evaluation Framework, and action plans.

#### **SPECIFIC TASKS**

Under the supervision of the Project Director / Project Manager, the Civil Engineer will carry out the following activities:

- Liaise with Projects stakeholders to ensure technical compliance of projects components with Project Approval Documents and Operational standards of regulators and donors.
- Visit project sites and inspect the civil works of the waste management projects and give site specific suggestions where necessary.
- Designing Island Waste Management Centers (IWMCs) and preparing bill of quantities (BOQ).
- Participate in providing technical input to support island waste management implementation activities. Technical input may include but not necessarily limited to the following activities as may be required from time to time:
  - a) Community mobilization and island waste management planning;
  - b) Procurement of local contractors;
  - c) Island waste management training; and
  - d) Performance monitoring and evaluation.
- Provide technical input on projects consultancy documents as required;
- Participate in construction oversight activities during civil works and equipment installations, and maintain regular meetings, maintaining logs and records of the progress, issue of change notices and approval of payments as may be required from time to time;
- Participate in document review, evaluation and other relevant committees that may be formed under PMU Projects as required from time to time including but not limited to World Bank and/or EC review missions.



Green Building, Handhuvaree Hingun, Maafannu, Male', 20392, Republic of Maldives. **4** +(960) 301 8300 (960) 301 8301 www.environment.gov.mv

وْبِرِسْ وِنْوِيشْو، رُسِرْتُرْوَبِرٍ رِسِرْدُسْ، دُّ وَسُرْسُ، دُّنُو، 20392، يروْرِ مُرْدُخِ. secretariat@environment.gov.mv www.twitter.com/ENVgovMV www.facebook.com/environment.gov.mv



- Participate in monitoring and evaluation for the contracts issued for projects managed by PMU including but not limited to the following:
- Implementation schedules and budget;
- The performance of the component against the component objectives;
- Participate in funding agency review missions / or review carried out by Government of Maldives authorities as required; and participate in committee meetings that may be formed under the project as required;
- Undertake other technical tasks as and when required by the MEE

This position is based at the offices of the Ministry of Environment and Energy in Male' but extensive travel to Islands (Project Sites) are required.

## D. QUALIFICATIONS AND EXPERIENCE

- 1. A Bachelor degree or higher in civil or environmental engineering. Having studied environment elective subjects will be an added advantage.
- 2. Must have professional work experience of minimum Five (05) year with field experience of engineering designing. Having experience in waste management infrastructure designing will be an added advantage
- 3. Should possess sound knowledge of computer aided design software/applications
- 4. Should have excellent command over English with proven communication and, presentation and interpersonal skills
- 5. Should be able to work extended hours

The successful individual must be willing to work for extended periods without direct supervision and travel routinely to islands within the catchment.

In addition, the individual's reputation of integrity and impartiality routed in independent from third parties shall be considered.

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.

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.

## E. REPORTING REQUIREMENT

1. Report directly to the Project Manager on all aspects of Project Management throughout the duration of the contract unless otherwise advised by the Client.



Green Building, Handhuvaree Hingun,
Maafannu, Male', 20392, Republic of Maldives.

+(960) 301 8300
+(960) 301 8301
www.environment.gov.mv

Page 3 of 5 دُوَرُسُرُّهُ وَ مُوْدِ سُرِّهِ ، رَسَوُورُ بِرِ رِسَوُدُنُ دُوَرُسُرُمْ وَ دُوْدِ 20390 ، وَوَرَبِرُدُوجُ . secretariat@environment.gov.mv ﴿ www.twitter.com/ENVgovMV www.facebook.com/environment.gov.mv



- 2. The Engineer should to 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.
- 3. The Engineer 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.

#### F. SCHEDULE FOR THE ASSIGNMENT

Duration of the assignment is <u>36</u> months from the commencement of the works with potential extension based on performance and need.

#### G. REMUNERATIONS

Monthly remuneration from the project will be between MVR 35,000.00 – 38,550.00 based on the education qualification and experience.

### H. SELECTION CRITERIA

The Civil Engineer will be selected based on the following criteria:

Selection Criteria	Weightage (%)
Relevant academic qualification(s)	40
Experience in similar works	30
Interview	30

<sup>\*</sup>Civil Servants that are already working in the sector relevant to this project will be given a higher priority.

## I. SERVICES AND FACILITIES TO BE PROVIDED BY THE CLIENT

- 1. Office space and other facilities such as computers will be provided to the APC as required.
- 2. Local transport for official travel between Male', inter-Atolls and inter-islands and food and accommodation for the trips will be provided from the projects.

## 3. Leave Entitlement

<u>Unplanned Leave:</u> The Consultant may take up to ten (10) working days of paid leave per annum or pro rata as may be agreed by the client for medical reasons or emergencies. If the duration is more than two consecutive days, a medical certificate specifying the nature of the consultant's illness and recommended duration of leave issued by a licensed medical practitioner must be submitted on the first day back at work.



Green Building, Handhuvaree Hingun, Maafannu, Male', 20392, Republic of Maldives. (960) 301 8300 +(960) 301 8301

www.environment.gov.mv

د گورش هر علی می کند که می کند که می کند که می کند که که کند کند که کند کند که کند کند که کن



The Consultant may take up to ten (10) working days of paid leave per annum or pro rata as may be agreed by the client for Family Responsibility reasons or emergencies.

Planned Leave: The consultant may take up to twenty (20) working days of paid leave per annum or pro rata as may be agreed by the Client.

<u>Unpaid Leave:</u> The Consultant will <u>not be paid</u> for any leave(s) that exceed the maximum allowed leave entitlements above. The Consultant may take a maximum of 20 working days unpaid leave in a twelve month contract period, if such a leave is agreed by the Client in writing. If the unpaid leave exceeds more than twenty (20) days the contract may be terminated by the Client.

# J. APPLICATION

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

- Letter of Expression of Interest (EOI)
- A brief summary that demonstrates that the applicant is qualified to perform the services (including description of similar assignments, experience in similar conditions, availability of appropriate skills etc.)
- Copy of National Identification Card
- Attested copies of Educational Certificates (copies taken from with accredited original certificates)

# K. SUBMISSION

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

**Human Resource Section** 

Ministry of Environment and Energy

Green Building, Handhuvaree Hingun, Maafannu

Male', 20392, Republic of Maldives



www.facebook.com/environment.gov.mv

www.environment.gov.mv