



1 لا خير من غير الله

نمبر No:	TES/2019/W-25	
پراجیکٹ Project:	Design, build and Construction of 200 Housing Units at L. Gan	
تاریخ Issued Date	5 <sup>th</sup> March 2019	
صفحہ No. of Pages: -06	ہیڈنگ Boq: -00	نقشہ Drawings: -00

Please include this amendment when submitting the bid. **بموجب هذا التعديل يجب ان يتم تضمين هذا التعديل عند تقديم العطاء.**

<p><b>ITB 23.2</b></p>	<p><b>For bid submission purposes only, the Employer's address is</b></p> <p><b>Mr. Ahmed Mujuthaba</b>  <b>Chief Procurement Executive</b>  <b>National Tender</b>  <b>Ministry of Finance</b>  <b>Ameenee Magu</b>  <b>Male', Republic of Maldives</b></p> <p><b>The deadline for bid submission is</b>  <b>Date: 14<sup>th</sup> March 2019</b>  <b>Time: 1000 hours Maldivian time</b></p>
<p><b>ITB 24.1</b></p>	<p><b>The bid opening shall take place at :</b>  <b>National Tender</b>  <b>Ministry of Finance</b>  <b>Ameenee Magu</b>  <b>Male', Republic of Maldives</b></p> <p><b>Date: 14<sup>th</sup> March 2019</b>  <b>Time: 1000 hours Maldivian time</b></p>

1. Please clarify if this is a Contractor financed project.

Please refer to the revised bidding document attached with the Amendment 1 on 4<sup>th</sup> March 2019.

2. Under 1.3.3, we are required to submit detailed design and 3D rendered images of the exterior of the building -

Would a concept layout and 3D rendered images suffice (instead of a detail design)?

Detailed design not required at this stage, a concept layout and 3D conceptual images would be sufficient.



3. Under personnel (2.4), PM, Project Engineer, and site supervisors are needed for EACH SITE - Can you elaborate on these sites? How many sites?

There are two sites, since both sites are located on the same island; the personnel assigned for both sites can be common.

4. Under personnel (2.4) - Please confirm the list of key personnel required for the project.

Please refer to the revised bidding document attached with the Amendment 1 on 4<sup>th</sup> March 2019.

5. Soil Investigation; please specify type of testing required (Visual soil inspection, no of Boreholes/depth, plate testing etc.) (1.1.3.d.)

The Contractor shall propose the soil investigation methodology and submit the resulting reports.

6. Boundary Wall; Please specify the height of the wall (1.1.2.1.)

The height should be 2m high with a vegetative zone or a masonry wall around the premises.

7. Rain water storage; please specify the capacity and type of tanks required (1.1.2.2.)

The Contractor is required to provide an adequate size and design for the reserve water tank the design for the rain water storage. Average household size for each unit is people.

8. Any considerations given for Solar panels?

The current scope does not include solar panels. The structure of the building shall be designed taking into considerations.

9. With the given specific requirements (1.1.2 - parking area, garbage collection area, dedicated

utility spaces and commercial space) which would be taken from ground floor, it would reduce the number of apartments at ground floor and thus 50 apartments per building cannot be achieved with the given height restriction.

Please refer to the revised developmental area.

10. Please clarify the total number of housing units. According to the Invitation to Bids, the tender is for design and build of 200 housing units in Laamu Gan. However, according to the Scope of Work, the project is for 300 housing unit.

A: The tender is for the design and construction of 200 housing units in L.Gan only.

11. Please clarify the location of the housing units. According to the Letter of Tender and BDS the project is located in Laamu Gan. Defining land boundary and physical dimension.

Please refer to the dimension plan attached.

A: The sites are located in Mukurimagu district and Mathimaradhoo district of L. Gan. A location plan and a dimension plan of the sites are attached with this amendment.



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12. When will the BOQ be made available?

A: The BOQ for the project should be a priced BOQ. The BOQ, the technical specifications and the detailed drawings from all the disciplines that are required for the design and construction of the project should be provided by the Contractor to the Client for approval prior to commencement of the physical works on site.

The BOQ is not required to be submitted as part of the proposal (bid document).

13. Please provide the site conditions and demolition of any building or trees that need to cut or transport.

Topography of land?

A: The bidders are required to check the conditions on site.

14. Can ground water be used for construction?

Assessment of ground water source – Gravel well yield

A: Water shall not contain injurious amount of impurities that may adversely affect concrete and reinforcement. Water shall be obtained from a public supply where possible, and shall be taken from any other sources only if approved by the Consultant. Only water of approved quality shall be used in the construction.

15. Please clarify the availability of material storage and accommodation

A: The space for material storage and accommodation can be provided within the site; however, the Contractor shall build the necessary temporary shelters for the material storage and accommodation.

16. Mains connection; Do we have to review electrical, water & sewerage network of the island (1.1.2.4.)

The connection of utilities within the development, up to the connection of the utilities to the mains shall be provided by the Contractor. If the district does not have utility provisions in the near future (i.e. within the construction period), then the Contractor is required to design and provide such systems.

17. Please confirm whether temporary electricity & water can be obtained from site?

Power pack up availability.

- The Contractor shall make all necessary arrangements and provide all water for the proper execution of the Works, together with all transport, temporary plumbing, storage and distribution.



*[Handwritten signature]*

- The Contractor shall make all necessary arrangements and provide all artificial lighting and power (maintain a generator if necessary) for the proper execution and security of the Works and its protection, with all meters, temporary wiring and fittings.
- The contractor shall obtain all relevant permits, pay all charges and make any temporary provisions to support and protect such services and remove them upon completion.

18. Please confirm rock sand can be used for structural concrete works.

Fine aggregate shall be river sand conforming to BS 882.

Coarse aggregate shall be crushed stone excluding limestone or derivatives of limestone conforming to BS 812.

Aggregate shall not contain injurious amount of rubbish, dirt, organic impurities and other foreign matters.

Strength of aggregate shall be more than that of hardened concrete paste.

Shape of coarse aggregate shall not be flat or slender.

The Contractor shall propose the specifications of the aggregate to be used for the work for approval by the Client and the properties of such shall be detailed in the Technical specifications to be provided by the Contractor.

19. Can use local sand for block making

Masonry work shall be done with bricks or blocks of approved quality unless specified otherwise.

The blocks shall be free from excessive amounts of salt or other impurities and shall be inspected and approved by the Consultant/ Client.

20. Distance from the Electrical Main DB

A: Bidders are required to check the measurements on site.

21. Distance from the main sewer

A: Bidders are required to check the measurements on site.

22. Distance from the waste management site

A: Bidders are required to check the measurements on site.

23. "Five apartment blocks with 10 apartment units per floor (50 apartment units per building)" Meaning 1 Building would have 5 floors X 10 apartments in each floor to achieve



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e 50 apartments per building. However, with the given height restriction of 15m up to roof apex level, it does not allow the building to accommodate 5 stories. Can there be a possibility of having a Roof slab?

In the requirement its mentioned that height of the building should not exceed 15m height for five floors and also mentioned that building should be elevated 1m height from ground level(the finished floor level of ground floor should be 1m from the ground level) – kindly clarify.

Sunken portion required for all floors from first to fifth?

Is it row type or cluster type?

The buildings are required to be elevated 1m from the ground level, it is required to be 4 stories high, 10 apartments per floor in the form of five blocks (40 apartments per block).

The units shall be distributed as follows;

80 Housing units in Mukurimagu district and

120 Housing units in Mathimaradhoo district.

The height is 15m up to roof apex level from the ground level.

24. In finishing schedule - finishing mentioned in parking area and services room , can we do similar or equivalent finishing.

The detailed Technical Specifications are to be provided by the Contractor and any heavy duty, self-leveling epoxy floor coating can be proposed. All the materials and the specifications should be submitted for approval by the Client and shall only be installed with the approval of the Client.

25. Whether elevators are required?

Elevators are not required under the current scope of the project.

26. Parking areas shall be common or individual for Blocks

The Contractor is required to propose an appropriate arrangement for the development.

27. Children play area shall be common for the whole project or for individual blocks

The children's play areas should be common for all the blocks within each site.

28. Intended duration of the project

The Contractor is required to submit a proposed work schedule with the bid.



29. Making preliminary drawing

Please refer to 1.1 and 1.3.3 of Requirements of the Client.

30. Assessing the balance area of landscape.

Please refer to the dimension plan attached.

31. Since it's a Design and Build project, kindly provide an extension of 10 days for us to submit a more competitive bid.

32. Fixing of local architect

33. Fixing structure Consultant

34. Fixing a registered Consultant service

35. Can a single firm form an association with more than one lead companies and be part of two separate non-exclusive bids? (4.4)

A: No

36. If we are an associate partner, do we still need to meet the financial requirements (Financial situation 2.3.2 and 2.3.3)

Yes

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Name: Ahmed Mujuthaba

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Signature:

