



درست می آید و درست می آید
درست می آید ، درست می آید

۱ عَمْرٍو مَعَهُ شَوْسِرٌ

نمبر No:	TES/2019/W-153		
پراجیکٹ Project:	Design & Construction of Single Storey 100 Housing Units at Th.Thimarafushi		
تاریخ Issued Date	08 th December 2019		
صفحہ No. of Pages: -01	حصہ Boq: -00	نقشہ Drawings: -00	

Please include this clarification when submitting the bid. بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

- Find attached clarification 1.

Name: Aminath Naheen Ahmed

Signature:





Ministry of Finance

Male', Republic of Maldives

TES/2019/W-153 - Design & Construction of Single Storey 100 Housing Units at Th.Thimarafushi

Contractor Comments	Ministry of Housing & Urban Development Response/Reference Document
1. Please give site plan for 100 single housing units. (Location for allocate 100 housing units in Island)	Site map is attached. Single plot size is 14m x 7.5m (105 m ²). Approximate area of the site is 19,000.00 m ² . The dimensions given are approximate measurements for proposal submission. The selected contractor will be required to check the actual measurements on site prior to construction.
2. Is it possible to provide site plan so that the road width, parking, garbage collection can be identified.	Bidders are required to check actual dimensions of the site as per the attached site map
3. Is there any main water distribution and drainage network system in the Island or it has to be designed by the Contractor?	Water and drainage network systems are established in the island. Contractor is required to include provisions for main connection to the existing systems.
4. It is mentioned in the tender document to allocate parking zones, landscaping, benches, swings and children's outdoor play units. Kindly clarify whether it has to be provided for each unit or it can be provided in common and what type of benches, swings and children's outdoor play units to be provided.	To be provided in common. Contractor is required to propose appropriate types of benches, swings etc.
5. Please clarify the availability of material storage and accommodation.	The space for material storage and accommodation can be provided within the site; however, the Contractor should build the necessary temporary shelters for material storage and accommodation.
6. Can we use solid blocks and hollow blocks instead of bricks? Kindly clarify.	Blocks shall be standard quality low permeability blocks with no defects.



	Blocks shall be machine pressed (manual compression is not acceptable) cement solid blocks of 150 mm thickness for external walls and 150 mm thick hollow blocks for internal walls. The average compression strength should be not less than 2.8N/mm ² and shall comply with the relevant British Standard.
7. Roofing has to be done with concreting or can we use roofing sheets with gutters. Kindly clarify.	Roofing sheets to be used.
8. Do we have to provide separate overhead tank and rainwater storage tank for each house? Kindly clarify.	Separate overhead tank and rainwater tank for each unit must be provided.
9. Do we have to provide ground well for individual unit? Kindly clarify.	Separate ground well for each unit must be provided.
10. Whether ground water well is to be used for domestic water supply / fire supply or rain water storage purpose? Kindly clarify.	Ground water well is to be used for domestic water supply.
11. Identify the spaces required for the installation or provision of supporting facilities of transformers, pump rooms, storage tanks and service stations within the given area for the development. Do we have to identify only the places or installation of such facilities is under our scope?	Identify the spaces required for installation or provisions for supporting facilities such as transformers, pump rooms, storage tanks, service stations etc
12. Electrical, Security, and Communications including wiring diagrams, lighting fixtures, control panels, etc. What type of security system do we have to provide like CCTV or service card access?	Security system is not required
13. Mechanical, including heating, air conditioning and/or ventilation systems, as may be applicable. Whether provisions for these installations to be provided or supply & installation will also be in our scope. Kindly clarify.	Only provisions are required.
14. Waste water disposal systems should be complete with all the elements required and all the internal connections leading up to the main sewer. Is there any main sewer line exists or do we have to propose new STP?	Contractor is required to complete internal connections. Connections to main sewer line is not required.
15. RO plant scope for the proposed project?	Not in scope



16. Motorbike and car parking has to be provided for individual unit or it can be provided in common. Kindly clarify.	To be provided in common
17. Do we have to provide Garbage collection area near the entrance with shed arrangements? Kindly clarify.	Should be provided in an easily accessible area. Shed arrangements are not required.
18. False ceiling to be provided in toilets. Roofs in rooms other than toilets will be in exposed condition. Kindly clarify.	An appropriate ceiling system is required in the building and contractor is required to propose an adequate system.
19. Fire protection system like portable fire extinguishers, fire blankets, microprocessor based addressable automatic smoke and heat detector to be provided in all room walls or it can be provided commonly in one place. Kindly clarify.	portable fire extinguishers, fire blankets are only required to be provided
20. Jv Registry – An Agreement between two companies would be okay or if not what's the procedure to this.	Please refer to ITT Clause 11.1 (h)
21. Bricks - hollow or solid bricks and the width of bricks to be used.	Blocks shall be standard quality low permeability blocks with no defects. Blocks shall be machine pressed (manual compression is not acceptable) cement solid blocks of 150 mm thickness for external walls and 150 mm thick hollow blocks for internal walls. The average compression strength should be not less than 2.8N/mm ² and shall comply with the relevant British Standard.
22. Design and preparation of architectural, structural and service drawings. • Site surveying – Please elaborate	All required drawings must be proposed based on site surveying hence a survey data is required where applicable
23. Design and preparation of architectural, structural and service drawings. • Soil investigation – should the soil investigation be done for each plot separately or the whole work site altogether?	Soil investigations for each plot is not required. Random sampling would suffice
24. Design and preparation of architectural, structural and service drawings. • Provision for cable tv and internet – Should the contractor apply for the connections?	Connections for any services or utility is not required to complete by the contractor
25. Design and preparation of architectural, structural and service drawings. • Corner plot design – should the corner plot	Corner plot are required to be designed as per applicable regulations. However, unit design



design be different or same as all the other plots?	should not be different as the rest.
26. Design and preparation of architectural, structural and service drawings. <ul style="list-style-type: none"> Parking area – inside each plot or separately outside the plot, parking area separate for each plot or together for all the plots, like hulhumale concept? 	To be provided in common
27. Design and preparation of architectural, structural and service drawings. <ul style="list-style-type: none"> Security system – what sort of security system would be needed? 	Security systems are not required
28. Design and preparation of architectural, structural and service drawings. <ul style="list-style-type: none"> Heating and air conditioning and ventilation system – should each lot have attached ac's in rooms and sitting rooms and if so how many btu's should it be. 	Heating and air-conditioning and ventilation systems provisions are required to be completed. Units are not required to be installed.
29. Design and preparation of architectural, structural and service drawings. <ul style="list-style-type: none"> Fire-fighting approvals – please elaborate this 	Portable firefighting equipment such as fire extinguishers and fire blanket are required to be provided. Fire fighting approvals are only required where applicable
30. Design and preparation of architectural, structural and service drawings. <ul style="list-style-type: none"> Space management of building – should the yard area be landscaped and designed? if so the requirements to it 	Landscaping and designing of spaces are only required as per specific requirements given in client requirements only
31. Specific requirements <ul style="list-style-type: none"> Reserve water tanks (Overhead tanks and rain water storage) – the size of water tanks and reserve tanks, and should it be under the ground or not.? 	Adequate sizes are to be proposed by contractor. Overhead and reserve tanks to be installed above ground.
32. Specific requirements <ul style="list-style-type: none"> Parking zones, landscaping and installation of benches, swings and children's outdoor play units - inside each plot or separately outside the plot, play area separate for each plot or together for all the plots, like hulhumale concept? 	To be provided in common
33. Specific requirements <ul style="list-style-type: none"> Connection of utilities (electricity, water & sewerage). – Should be bared by the contractor. Is main connection included in the scope of this project? 	Main connections are not required to be completed by contractor



34. Specific requirements <ul style="list-style-type: none"> Site clearing and demarcation of work zones and bypasses. - please elaborate this 	Demarcation of work zones and bypasses as required in applicable regulations.
35. Specific requirements <ul style="list-style-type: none"> Identify motorbike and car parking zones at ground level - parking area separate for each plot or together for all the plots? 	To be provided in common
36. Specific requirements <ul style="list-style-type: none"> Provision of supporting facilities of transformers, pump rooms, storage tanks and service stations. - Should be bared by the contractor. Is main connection included in the scope of this project? 	Main connections are not required to be completed by contractor
37. Specific requirements <ul style="list-style-type: none"> Garbage collection area – near the building area or in the yard area? 	In the yard
38. Specific requirements <ul style="list-style-type: none"> Children's play area – inside the plot or outside the plot in a different area? 	To be proposed in the vicinity of housing units
39. Please provide the site plan with plot sizes	Site map is attached. Single plot size is 14m x 7.5m (105 m ²). Approximate area of the site is 19,000.00 m ² . The dimensions given are approximate measurements for proposal submission. The selected contractor will be required to check the actual measurements on site prior to construction.
40. Please provide existing ground level and any backfilling required	Ground conditions, ground level and other required data is required to be obtain by the bidders
41. Whether island council will allocate any place to take back filling soil	Council will allocate if necessary
42. Please inform the ground floor finish level from road level	As stated in requirement of the client
43. Please provide site condition and demolition of any building or trees need to cut or transported	Site is on newly reclaimed land; no large trees are there on site. No structures are there on site however, bidders are advised to check conditions on site.
44. Please confirm whether temporary Electricity & water can be obtained from site	Contractors are advised to arrange electricity and water required for construction.



45. Kindly provide the Distance from the Electrical Main DB	Electricity is currently not available in the vicinity of site. Contractor is required to arrange electricity required for construction.
46. Kindly inform whether main sewer is available at construction site or need to include septic tank	A main sewer is currently not available in the vicinity of site. Contractor is required to arrange for waste water disposal during the construction.
47. Please confirm whether Air-condition Provision or system to be installed	Only provisions are required.
48. Utilities main connection such as water, sewer, electrical main to be included in this contract	Main connections are not required to be completed by contractor
49. Kindly provide the distance from the waste management site	Contractor will be required to dispose waste as advised by the council to a site located on the island.
50. Any entrance gate required for boundary wall	Entrance gate is not required
51. Kindly confirm this project is exempted from import duty for construction material, equipment, machinery etc	As stated in 1.1.4 Additional information of requirement of the client
52. Please inform Intended duration of the project	365 Days

[Handwritten signature]

