

CLARIFICATION- 01- TES/2022/W-009-R01- Construction of N. Kendhikulhudhoo Hospital Building, Under Contractor Finance

A. Civil & Finishes

1. Is it clear land or any demolitions works to do at site?
 - a. No demolition at site, please inspect the site before bidding.
2. Please mention the location for disposal of demolition and construction debris.
 - a. Please coordinate with the island council.
3. Availability of Water and Electricity for construction purpose at site.
 - a. Not available at site, but water and electricity available at the island,
4. Are you providing the temporary land for contractor accommodation, material storage and workshop? Please mention extend of the lands.
 - a. We can arrange proposed site only if contractor required additional land, please coordinate with island council.
5. Please mention the materials, specification and detail drawings for the following BOQ items.
 1. BOQ 06. 14.0 Blinds – Any specified material? Hanging system? Etc.
 - a. This is a vertical blind; quality of blinds is specified in the BOQ.
 2. BOQ 7.2.2 1) Fabrication of Main reception and sub stations - Please provide material (expected) and finishes (tile, paint, veneer or etc.)
 - a. Reception to be fabricate with 12-18mm thick plywood and all the exposed surface must be fix with PVC fomica, top of counters must be quartz countertops.
 3. BOQ 7.2.3 Waiting area seating - It is mentioned unit as “item” in the BOQ, please mention the size/no of seats per item or detailed specified drawing(s).
 - a. Size of waiting area seating size can get from Floor plan, and design of the seating can get from rendering. Rendering attached with this document.
 4. BOQ 7.2.4 Interior decorations - Please mentioned the locations which have to cover under this scope and provide the details drawings including materials



- a. Location of interior works are: Main reception area, Private rooms, Consultation rooms, Ground floor corridors, please follow the Rendering.
5. BOQ 9.5.1 Canopy roof & its truss – details thickness/Grade of Stainless-steel pipe and box bar, Thickness of Polycarbonate Sheets etc. expecting.
 - a. Marine grade SS to be used, Quality and thickness of Polycarbonate is high quality.
6. BOQ 9.7.1 Metal Sign Board - Given size of BOQ and Drawings are deference. It is mention in the BOQ 700mm x 28m length 02nos of Signboards. Is it correct? Thickness is 25mm, is it the thickness of “light blue acrylic transparent board”
 - a. Please follow the drawing,
6. Are you certifying payment to claim for the cost of “material on site”?
 - a. No.
7. What is the order of priority of the documents when it comes to the clarifications?? 01. Specification 02. Drawings 03. BOQ or please specified. (There are some discrepancies in the BOQ and drawings & specifications also. So please clarify which is the priority document to follow.)
 - a. Priority of documents are Drawing, BOQ, and technical specification, we have added additional items in the BOQ but not in the drawings, in this case, please quoted additional items in the BOQ.

B. MEP s

1. Hydraulics and Drainage BOQ all pipes shall be uPVC "Mutha" or equivalent. But Specification states PPR for Water Supply and HDPE for Drainage. Please clarify.
 - a. Please follow the Specifications.
2. Hydraulics and Drainage BOQ includes work item for Water Pumps. But the Specification gives same capacities for two type of Pumps. Shall we consider the capacities given in the Specification?
 - a. Please flow the BOQ, Contractor must check capacity of pumps to cater hospital needs,



3. Hydraulics and Drainage Specification mentioned about two pumps. But the BOQ includes for 1 Pump. Please clarify.
 - a. Please flow the BOQ, Contractor must check capacity of pumps to cater hospital needs,
4. As per the BOQ two pipe work system are stated as Fresh Water Pipe Work and Ground Water Supply Pipe Work. But the Drawings does not indicate the same. Please clarify.
 - a. Ground water pipelines only connect flushing, Fresh water pipe lined to connect all other areas.
5. Water Supply pipes start from ducts. Since the design drawings are not received our offer will starts from ducts. Please clarify.
 - a. Contractor must complete fresh water line from utility connection.
6. Water features - Please provide the location of Pump Room and Balancing Tank.
 - a. Water feature is located hospital front, please see the Renders, pump hut can be installed next water features. Balancing tank not required.
7. Water features - Please provide the Design for Water features
 - a. Floor plan is and render is provided, contractor will prepare other construction drawings.
8. Fire - Breaching inlets are specified in the BOQs. But the drawings do not indicate any of breaching inlets.
 - a. Contractor Must complete the task as per Government regulations.
9. Fire - There are two types of fire extinguishers mentioned in the BOQs such as Type A and Type B. The technical specification of Fire Protection system specifies 2kg CO2 and 9L water extinguisher's. Water is for Class A and CO2 is for Class B. Please clarify those two types of Extinguishers in the BOQs.
 - a. Please follow the BOQ
10. Please provide the VRF and DX AHU outdoor locations to quantify the copper piping and wiring.
 - a. Locations are next to the hospital, contractor must prepare the working drawings.
11. Flue clinic unit AC allocated separate AHU under item in the BOQ and same item mentioned Cassette Dx system also. Do we need to consider prices for both system? Please clarify.
 - a. Please follow the BOQ.



12. Electrical Building load calculation not provided to calculate the DB requirements. And single line diagrams also not available.
- a. Contractor must prepare necessary documents.
13. Building total demand not provided and we can not calculate the same since detailed of Hospital equipment demands or specifications not available. Entire electrical system depending on the Building Total Demand. Please clarify.
- a. Contractor will calculate with hospital loading and additional 150% to be added for equipment.
14. 63 Amp main cable mentioned in the BOQ. How Client planning to energize the building?? Bulk supply from Fenaka or Generator power ?? Please provide brief clarifications.
- a. Contractor must calculate hospital load with equipment and the main cable must be adequate to keep hospital load stable. Island utility company power (Fenaka) will be used as well as an emergency generator also used in case of an emergency situation.
15. Transformer & Switch gear requirements not mentioned. Please comment.
- a. Not required, Island utility company power (Fenaka) will provide if required.
16. Generator capacities and ATS requirement also not mentioned.
- a. Generator capacity is mentioned in the BOQ.
17. CCTV system under design and costing basis. What are the minimum requirements or limitations?? (Since this tender is competitive tender)
- a. Minimum requirement to be used when installing CCTV.
 - i. PoE network camera
 - ii. NVR
 - iii. Cloud functions available
 - iv. Motion detection available
 - v. Mobile Application available and supported
 - vi. 4mp indoor dome camera
 - vii. 4mp Outdoor bullet camera
 - viii. Cat 6 cabling.
18. Lift, do we need to submit only Mitsubishi elevators or different and equivalent product can accept?? Please comment.
- a. Contractor can propose any Brand but service center must be established in the Maldives.



19. Kindly confirm whether the bed curtain used shall be manual or motorized.
 - a. Manual.
20. Also, provide the material to be used for Bed Curtains.
 - a. -Quality of Curtain is given in a BOQ.
21. Kindly provide details of Electrical Sub Station with its capacity or Any other power source for the proposed hospitals.
 - a. Electric substation not required. Contractor must connect Electricity from utility grid though Main panel bard
22. Please clarify whether any existing structure is to be dismantled.
 - a. No.
23. Kindly confirm whether 200 KW with Hard Dip Galvanized Structure of 1.5 m height with On Grid System (Inverter Make) Delta without display with online, monitoring) is adequate.
 - a. Yes.
24. Kindly provide the detailed specification and drawings for the furniture works.
 - a. Quality of furniture is given in a BOQ.
25. Kindly specify the location for disposing construction debris in all the islands.
 - a. Please coordinate with island councils.
26. Since this project involves various works, you are kindly requested to extend the deadline for submitting bids by 45 days.
 - a. Refer to Addendum 1 for the deadline for Bid Submission
27. It is understood from point 19.3 of Section I – ITT that the bid security can be submitted in the form of Local Insurance Bond, please confirm.
 - a. Yes, if it fulfils the requirement
28. The Specific Experience as mentioned in means experience in any Commercial / Industrial / residential projects of similar physical size, complexity, methods/technology or other characteristics but not restricted to only hospital projects, kindly confirm
 - a. The similarity shall be based on the physical size, complexity, methods/technology or other characteristics as described in Section VI, Employer’s Requirements

