



**MINISTRY OF HEALTH**  
**ADMIN DIVISION**

**Amendment-1**

**Project: Construction of 5 Story Hospital Building at Lh.Naifaru**

#	Query	Clarification
	According to the Specification, river sand is to be used for the construction of this project. Since the cost of river sand will be much higher than manufactured sand, we would like to know whether manufactured sand can be used for the works of this project.	All rates must be calculated to use river sand for all structural concrete. Manufactured sand can be used for masonry and non-structural concrete upon approval of the engineer/consultant.
2	Please clarify whether sea sand and ground water can be used for block making.	Sea sand/local sand cannot not be used for any purpose except backfilling, manufactured sand/river sand to be used for block making. Ground water cannot be used for any purpose, Desalinated water to be used for all purposes.
3	Can Red Meranti timber be used for roofing works?	Yes.
4	BOQ states that existing building need to be demolished. Please clarify the location of the dumping area for the debris	Please Coordinate with Island Council before Bidding
5	Please provide details of existing building	Existing building's floor plan is attached with this amendment
6	Space for temporary accommodation	A space of 50x50ft will be provided within hospital premises for material storage (not for accommodation), therefore please coordinate with island council for a space/land for accommodation
7	stelco temporary power	Please Coordinate with utility company
8	Water at site	NO
9	distance to transformer	Please Coordinate with utility company
10	Please clarify the water table level (MSL) of the island.	MSL was found at -1100mm from the existing ground level. Contractor should allow for a variation of plus/minus 200mm from this level depending of ground saturation levels.
11	The staircase drawing shows 10mm reinforcement whereas the BOQ shows	The correct size is in the BOQ, and is 12mm





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	12mm. Please clarify the correct size of the reinforcement.	
12	The floor plan shows furniture locations. However it is not included in the BOQ .....	Only Laboratory sink Cupboards and counters are to be fabricated, Please include in addition bill
13	The BOQ shows boundary wall quantity for external masonry wall. Please provide the location, foundation beam, column and coping beam, structural reinforcement details of the boundary wall	Refer to attached drawing with this amendment.
14	The BOQ shows 150 and 200mm thick concrete wall for lift well, but the reinforcement details, lift pit depth and machine room details are not provided. Please clarify	Supply and complete installation of Machine less Bed Lift is included in the BOQ, Therefore please propose Mitsubishi B1000 or equivalent machine less bed lift (With access control - card access) as per specification attached with this amendment, also please fabricate the elevator shaft as per manufactures instruction. Inside of the elevator car, doors shall be of Stainless steel/ chrome finished.
15	The BOQ shows 3 numbers of 1800mm ground water well. However, the location and pipeline details are not provided in the drawing. Please clarify	We require only one Number of Ground water well, This item includes Installation and fabrication of well with complete piping work. Therefore quote this item as normal provisional (Lump sum) item.
16	The 1st and 2nd floor drawings show that the existing walls need to be demolished. However, this item is not included in the BOQ. Please clarify	The contractor may provide a lump sum cost for it in the additions item of the BOQ.
17	The BOQ shows sill and lintel beam quantity but the reinforcement details are not provided in the structural drawings. Please provide	The lintel and sill beams are 100 x 100mm and reinforced with 4 no's T10 and R6@150 c/c as shown in the attached structural drawings.
18	The BOQ shows 1m height and 100mm thick RCC balcony parapet wall, but the drawing shows SS handrails. Please clarify	The Balcony has SS handrails as per Drawing





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19	The grade and thickness of SS pipe is not provided in the staircase drawing. Please clarify	Type 304 - 8% Nickel , 18% Chromium - Pipe thickness as per specification
20	The BOQ shows waterproofing material crystalline or equivalent material for the surface of the roof slabs and terrace. However the drawing shows lysate roofing. Please clarify.	The items was included in error, and contractor is not required to quote for it, and has been removed in the revised BOQ attached.
21	Staircase handrail is different in the elevation drawing and X-X section drawing. Please clarify	Follow the elevation drawings
22	Balcony handrail is shown in the drawing but it is not included in the BOQ. Please clarify	Please include in Addition Bill
23	The BOQ shows 50 x 150mm wooden rafter at 600c/c, but the drawing shows 50 x 150 wooden rafter at 1200 c/c. Please clarify	The Rafter Spacing is 600mm c/c
24	The BOQ shows 50 x 100 wooden battens, but the drawing shows 50 x 50 wooden battens. Please clarify the correct size	The Batten size is 50x50mm
25	The BOQ shows, 50 x 200 mm wooden fascia, but the drawing shows 25 x 250mm wooden fascia. Please clarify the correct size.	Fascia Board Dimensions are 250x50mm
26	The detail drawing C shows 50 x 100mm thick wall plate. However, this item is not included in the BOQ. Please clarify	Please include in Addition Bill
27	The detail drawing C shows cement board for external ceiling. However, this item is not included in the BOQ. Please clarify	Please use 9mm Thick M board or equivalent exterior material
28	The BOQ shows internal ceiling for corridor and lobby area only, whereas the section drawing shows ceiling in all areas. Please clarify	All Interior areas needs ceiling with Cornice boarder, Ceiling frame is to be of Galvanized Iron sections with Gypsum board. Please include in addition bill.







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29	The BOQ states that glazing on all doors and windows should be 6mm tinted glass whereas the drawing it shows that the glass in most area's is 6mm thick clear glass. Please clarify	Glazing is 6mm thick Clear Glass
30	The fixed glass sizes shown in the window schedule are not available locally. The available maximum size is 1800 x 2400mm. Please clarify	Follow the door and window schedule and cost for the design provided, Please consider this when bidding.
31	The type of door is not specified in the ground floor door and window schedule (Grid No. J-K) please clarify	The ID is D2
32	The drawing shows vertical fixed glass panel VGP1 and VGP2. However this item is not included in the BOQ. Please clarify.	VGP1 and VGP2 vertical fixed glass Panels are included in BOQ
33	The BOQ states 25mm screed whereas the drawing shows 50mm thick screed. Please clarify.	The Screed is 50 mm Thick
34	The BOQ shows 75mm thick screed for roof and terrace whereas the drawings shows lysate roofing. Please clarify.	The roof is a lysate roof not a slab. Please quote in addition bill for , Extension of eve 1.5 meters from grid O
35	In the BOQ it is mentioned a Mitsubishi lift, but neither drawing no detail, no specification is given with regard to this system. Hence request you to provide the following details. Car ceiling design Car ceiling lighting Car floor finish Car internal dimensions Front return panel finish Car wall finish Car door finish Type of car sill Emergency car lighting systems	Specification attached, Machine less Bed lift As per specification attached As per specification attached As per specification attached As per specification attached Appropriate for a hospital environment Stainless steel / Chrome / Mirror finish Stainless steel As per specification attached As per specification attached





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	Speed in mph unit Type of control systems Hoist way size Pit depth Position of machine room CCTV systems is required Firemen's emergency return	As per specification attached As per specification attached By manufacturers specifications By manufacturers specifications Machine less Elevator, As per specification attached Required Required
	Card reader	Required
36	The A/C indoor unit location is shown, in the electrical drawings, but the outdoor unit location not shown. Also, the quality and type of air conditioner is not included in the BOQ. Please clarify	The air-conditioning system is to be a VRV (IV) system Daikin or equivalent, except Fresh air system. The location of Outdoor unit is rear building ground floor.
37	Security camera system is mentioned in the BOQ. However, neither drawing nor detail is given with regard to this system. Hence please provide the details and clarify the following Location of control room, Monitor size and brand Number of monitors required Storage capacity Location of camera	All Cameras Shall have Night Vision capability and shall be IP Cameras Ground floor security room 52" Or Higher Appropriate for system proposed by contractor 168 hours loop As shown in drawings attached
38	FB top 2nd layer reinforcement detail are not given	T20 @ 100 c/c
39	FB raft height mention in foundation plan is 800mm but in the section is 826mm	Proceed as per the section drawing

**NOTE: ALL DRAWINGS ARE ATTACHED WITH THIS AMENDMENT.**

1. ACCESS CONTROL SHALL BE INSTALLED AT BED LIFT (INDIVIDUAL FLOOR RESTRICTION) AND 5TH FLOOR (OPERATION THEATRE COMPLEX MAIN ENTRANCE)





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2. THE EVE AT EAST SIDE OF THE BUILDING SHALL BE EXTENDED 1500 MM FROM GRID (M), THIS COST SHALL BE INCLUDED IN ADDITION BILL.
3. ALL REQUIRED ADDITIONS/OMSSIONS REGARDING THIS AMENDMENT SHALL BE INCLUDED IN THE TENDERER'S ADJUSTMENTS BILL.

19 AUGUST 2015

