



## CLARIFICATION 02

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ނަންބަރު No:	TES/2020/W-053	
ޕްރޮޖެކްޓް ނަންބަރު Project:	Design-Build of Male' and Vilimale' Waste Transfer Station including supply and installation of equipment	
އިއުޖިއުކްޝަން ޖަލްދު Issued Date	04 <sup>th</sup> July 2020	
ސަފުހާ ގެ އަދަދު No. of Pages: -06	ބޮޑުވަނަ ޖަލްދު Boq: -00	ޖަހާފައިވާ ޖަލްދު Drawings: -01

Please include this clarification when submitting the bid

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Please find attached;

- Answers to the queries received.
- Fig 1.1 in high definition.
- Male' waste transfer area existing building plan.
- Male' waste transfer area topography survey carried out in June 2017.



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Name: Fathimath Rishfa Ahmed

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Signature:

## CLARIFICATION 2

#	Section / Document	Query	Response
1		Please provide us with the High-Definition version of Picture of Figure 1.1 in the Section 6 of the Bidding Document (page 86).	Please find attached.
2		Please provide us with the following drawings in CAD: <ul style="list-style-type: none"> <li>a. Site Plan with Boundary line and Setback line;</li> <li>b. Existing Building Plan (appreciate if existing WAMCO photos could be provided);</li> <li>c. Topography Plan of the proposed area.</li> </ul>	<p>Please find attached existing building plan and topography survey carried out in June 2017 of Male' waste area.</p> <p>Site plan with boundary line and setback line will be provided in due course.</p>
3		Please specify on the Ground Floor for truck circulation, first floor for the tipping platform, and second floor for the RCV parking. Are the bidders allowed to design and build more than 3 storeys?	<p>Ground floor is foreseen for the maneuvering of the Roll-on/roll off truck for the transport of the full containers to the dedicated vessel, first floor/tipping platform is for the entering waste collection trucks, second floor/parking floor for WAMCO's waste collection trucks.</p> <p>No actually it is not foreseen to have more than 3 storeys.</p>
4		Please clarify the height restriction, if any, of the Waste Transfer Station and the Administration Office?	Please refer to the concept drawings and the technical specifications
5		Please clarify the capacity of Vilimale' Transfer Station? For example: how many tipping platform and containers lanes are required?	Vilimale has only one tipping platform. And 1-2 container drop off places. Please also refer to the drawings (3D rendering).
6		As mentioned in the Bidding Document, Second level for RCV parking is required to accommodate maximum number of Refuse Collection truck. Which maximum number of RCVs it refers to? Current or 2030?	In fact, it doesn't matter if current or 2030 as it refers to a maximum restricted load and capacity of the area as required in the technical specification and drawings.
7		What is the mode of transportation from collection point to Waste Transfer Station?	The waste is collected in the city by Refuse collection trucks, private party are also allowed to bring their waste personally to the TS. The full container will be shifted by Roll on/Roll off truck to the dedicated vessel on site.
8		As mentioned in the Bidding Document, a Waste to Energy facility is to be developed as Phase 2. Where will it be located? Near Waste Transfer Station or Thilafushi? Should the bidder include proposal for the Waste to Energy facility or integrate it with proposed Waste Transfer Station?	The waste is transported to the future WtE at Thilafushi. This is part of another project. The bidder should not include any proposal for the WtE.



9		Plenty of liquid is foreseen to be produced after the waste being pressed. Is there a need to build sewage treatment system to tackle the problem?	As the waste storage time on the TS is very limited it is not expected to have an important amount of leachate water. Leachate water is evacuated through conventional rainwater drainage or sewage discharge. No specific sewage treatment is foreseen and should not be part of the bidding.
10		How to calculate the demolition cost? Separately or overall?	Demolition cost should be provided as one specific item (as lump sum).
11		Vilimale' has no transfer port near the proposed Waste Transfer Station. Is there a need to build a new port to transfer the waste?	There is a docking facility for the vessel nearby. The construction of a new port or docking station is not part of the bid purpose.
12		In Appendix 1: Terms and Procedures of Payment, we have confusion on payment terms and payment procedures of the payment for Equipment and Mandatory Spare Parts Supplied from Abroad. According to Terms of Payment, 80% of the purchasing price shall be paid by irrevocable confirmed letter of credit upon submission of document, and 20% shall be paid against the acceptance certificate issued by the purchaser; while in Payment Procedures, there is a 10% advance payment will be paid against an irrevocable advance payment security, and other 90% will be paid against the documents required. What's the payment terms of payment and procedures for the equipment exactly? Whether Letter of Credit will be applied as the payment terms for equipment, or the employer also accept alternative payment terms?	Will be clarified in the next Addendum.
13		What's the percentage for Advance Payment? And what's the procedure for the repayment of advance payment? The contractor shall prepare 1 or 4 advance payment guarantees since the different payment procedures for equipment and other works?	Advance payment can be one payment to the value of 10% of the contract.
14		In Appendix 1: Terms and Procedures of Payment, it's mentioned that "In the event that the Employer fails to make any payment on its respective due date, the Employer shall pay to the Contractor interest on the amount of such delayed payment". What's the interest rate for delayed payment by the employer?	Interest rate for delayed payment is 0%.
15		Any retention money needed for this project? If need, please inform the retention money percentage for each interim payment and the limit of retention money.	No retention money required
16		Please specify the filling rules and specific requirements of the country of origin declaration form in schedule 1a and 1b in volume 2.	The country of origin forms is related to the procurement of related equipment not for the works part.



17		Are adjustments allowed for the format and content of Schedules of Rates and Prices.	As it is a design and build project sub items could be adjusted. In terms of comparability of the tender main items should be remained.
18		We designed this transfer station based on an automated compression system, so the equipment we selected is not the same as that given in the Bidding Document volume 02 - schedule No.1. Can we adjust the equipment type based on the function of the waste transfer station, that is, the adjust the Bidding Document volume?	No, for the bid purpose please follows the design provided in the tender documents.
19		Quoted: Section 1-ITB 22. Format and Signing of Bid (page 19) 22.2 ...All pages of the bid, except for unamended printed literature, shall be signed or initialed by the person signing the Bid. Query: In case of a JV, is it acceptable that each initialed page also stamped by the leader part (Use the leader company's stamp)?	Yes, it is acceptable.
20		It's specified in ER that the transfer and parking deck in TS Male' and the transfer area & tipping deck in TS Vilimale' are all open framework construction, for this construction, there will be the release of odor gases. Therefore, please specify whether odor collection and disposal facilities should be considered in this project, and if necessary, please specify the odor emission standard.	No, we think that due to that open construction sufficient aeration is provided. For emission standards please refer to the requirements of the IEE.
21		During the operation, a certain amount of leachate will be produced during the compression process of HH-waste and marker waste, the leachate can be temporarily stored in containers which will require special modifications and then transport to the WtE or discharged directly in the TS. In addition, there will also discharge domestic sewage, floor washing waste water and equipment cleaning waste water. Therefore, please specify the discharge standard of waste water treatment and the discharge point.	The transfer station should allow a smooth and fast transfer of the Household waste into the vessels. It is not expected to have an important amount of leachate, therefore it is not planned to treat this small amount before discharging. Discharge standard for sewage etc. are provided in section 6 as well as in the IEE.
22		It's described in ER page 6-13 section 2 that "Whether bigger RCVs (up to 16 m3) will be used as well, is subject to the completion of the new collection concept". Please specify whether the 16 m3 RCV should be considered in this project.	Actually, for the bid purpose the transfer deck should be dimensioned for the given input parameter.
23		It's described in ER page 6-17 section 3, miscellaneous infrastructure, "Supply and installation of mobile equipment for transfer and management". Please specify what is the mobile equipment.	The complete list and requirements for the mobile equipment has been presented in section 6: wheel loaders, trucks (roll-on, Roll off), containers, street sweeper etc..



24		<p>It's described in ER page 6-318, section 4.8 interfaces, power supply, "The supply/feed-in interface to STELCO, the state-owned electricity company, shall be the input terminal of the metering system (from the Contractor's view) that shall be provided and installed by STELCO. All equipment prior to the meter shall be provided by the Contractor.</p> <p>The exact physical location of the transfer point is subject to further arrangements between the Contractor and STELCO."</p> <p>Please confirm whether all the equipment prior to the meter or behind the meter shall be provided by the contractor.</p>	The interface point is the connection point provided by Stelco, all equipment, arrangements, etc. after the interface point shall be provided by the contractor
25		Please provide Appendix 1.3 of the "geological conditions and the planning parameter for bid purposes"	Please refer to Addendum 1 issued on 25 <sup>th</sup> June 2020.
26		There are many drawings in the annex, does that mean we need to develop detailed drawings based on the conceptual drawings you provide?	Yes, the drawings have the purpose to allow a comparable bid first. Changes in the conception could be subject to discussion after awarding but main concept framework should be maintained.
27	General	Is municipal solid waste being sorted at household level in Male and Vilimale?	Currently not sorted at household level.
28	Male' TS	Should the bidder provide a proposal for the connection to the road leading to Thilafushi for the transportation of C&D waste for trucks more than 5T.	No
29	Male' TS	What is the present condition of the landing craft ramp and does the client have any report on it?	The problem of the actual landing craft ramp is that it is too "low" for the current vessel. Difference was compensated by temporary earth filling. Part of the works is to elevate the ramp through a concrete structure in order to be on an acceptable level
30	Male' TS	What is the level of the landing craft ramp at point of berthing in respect to site ground level?	Level is at 1,35 m over MSL, final level should be 1,7 m over MSL.
31	Male' TS	Availability of soil /site investigation report.	There is a soil investigation report provided from another site with similar conditions which could be used for the bidding purposes. Additional survey needs to be undertaken by the contractor during design stage.
32	Male' TS	The size of 25m <sup>3</sup> container use of by WAMCO (L? xB? xH?)	<p>Currently MOE is in the procurement process of these containers and the requirement is:</p> <p>Length: 5500 mm (max)</p> <p>Width: 2300 mm (max)</p> <p>Height: 2000 mm</p>



			Containers with the same size are to be procured under the equipment part of the tender.
33	Male' TS	Should the bidder include leachate treatment plant for Municipal solid waste	As the waste storage time on the TS is very limited it is not expected to have an important amount of leachate water. Leachate water is evacuated through conventional rainwater drainage or sewage discharge. No specific sewage treatment is foreseen and should not be part of the bidding.
34	Male' TS	Floor areas of the administration Building is not stated in the Bidding document. The bidder will require the number of occupants and category of staff or floor area of the stipulated areas in the document.	All framework parameters have been given in the technical specifications and in the drawings, for the bid purpose. Design changes after contract award are subject to discussion with the Employer.
35	Vilimale' TS	Availability of geological profile and site/soil investigation report	The same geological report provided in the tender documents shall be used for the bid purpose. Additional survey if needed shall be undertaken by the contractor after contract award.
36	Vilimale' TS	Is there a landing craft ramp in the site? If so, what is the condition of it?	There is a landing craft ramp nearby. It is intended to transport the waste by truck (roll on /roll off container) to the dedicated landing craft site.
37	Vilimale' TS	Floor areas of the administration Building is not stated in the Bidding document. The bidder will require the number of occupants and category of staff or floor area of the stipulated areas in the document.	All framework parameters have been given in the technical specifications and in the drawings, for the bid purpose. Design changes after contract award are subject to discussion with the Employer.
38	Section 2	Request to extend the bid submission.	Bid Submission will be extended by 2-3 weeks. Exact date will be informed in the next Addendum.