



AMENDMENT 1

1 ޤަޞްދުގެ ޅަނދު

ނަންބަރު No:	TES/2015/W-76	
ލިޔުން ގެ ނަންބަރު Project:	Design and Build Basis for Water Supply Network, Water Storage Tanks and Reverse Osmosis Plant and Allied Works based on Integrated Water Resources Management approach in Th. Thimarafushi, Maldives.	
ޖުމްހޫރިއްޔާ Issued Date	Wednesday, May 20, 2015	
ސަފުހާގެ އަދަދު No. of Pages: -03	ބޮޑުވަނަ Boq: -00	ޖަހާފައިވާ ޅަނދުތައް Drawings: -00

Please include this amendment when submitting the bid. ޅަނދުތައް ޖަހާފައިވާ ޅަނދުތަކާއި ބޮޑުވަނަތަކާއި ސަފުހާތަކާއި ގުޅިގެން ލިޔުން ފޮނުވާނެއެވެ.

Attached with this amendment is the answers to clarifications received for the subjected project.



ނަންބަރު Name: Ahmed Mujuthaba	ސަފުހާ Signature:
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Project Name: Design and Build Basis for Water Supply Network in Th. Thimarafushi, Maldives

Interested Bidder: Hayleys Group

Subject: Clarifications

Date: 19th May 2015

S.No	Reference	Reference Details	Clarifications
1		Number of inhabitants in the island?	2543 Inhabitants as per census from Island Council, 2010.
2		Maximum demand of water, m3/day, for inhabitants?	Please refer to the EPA
3		Total maximum demand of water, m3/day	Final Technical Specification for Water Supply & Sewerage Systems (Gravity System)
4		Total average demand of water, m3/day	
5		Source of raw water for RO plant, sea or ground?	
6		Quality of ground water	
7		Minimum number of ground (bore) wells required, x-duty + y-standby?	
8		RO plant capacity, m3/day	http://epa.gov.mv/index.php?option=com_content&view=article&id=1197:final-technical-specification-for-water-supply-a-sewerage-systems--gravity-system-&catid=1:latestnews&Itemid=6
9		Degree of automation required for RO plant and distribution network, PLC, HMI, SCADA, etc....	Please refer to the EPA
10		Does each RO plant needed to have pumps as 1-duty + 1-standby?	Final Technical Specification for Water Supply & Sewerage Systems (Gravity System)
11		Expected maximum recovery through RO plant?	
12		Preferred material of construction for RO plant skid	
13		Allowance for growth in population, %	
14		Feeding method for the distribution network, either elevated tower or pressurized pumping system or combination of both	
15		Peak factor for design of distribution network against maximum demand/day	
16		Peak factor for design of distribution network against average demand/day	
17		Administration building, is pre-fabricated steel panel buildings accepted?	
18		Water storage tanks, is rubber-lined pre-fabricated steel tanks accepted?	
19		Proposed location for the bore wells, RO plant, storage tanks and administration building and sea outfall	Since, this is a design and build project, the proposed locations need to be confirmed by island council and respective Government Authority, Ministry of Housing and Infrastructure and Maldives Land and Survey



20	Location of the island power house	<p>Authority.</p> <p>The island does not have the Land Use Plan as per MHI and Island Council. Need to conduct survey to configure the locations.</p> <p>Please refer to the EPA Final Technical Specification for Water Supply & Sewerage Systems (Gravity System)</p>
21	Spares and consumables requirement for how many years?	<p>http://epa.gov.mv/index.php?option=com_content&view=article&id=1197:final-technical-specification-for-water-supply-a-sewerage-systems--gravity-system-&catid=1:latestnews&Itemid=6</p> <p>Please refer to the EPA Final Technical Specification for Water Supply & Sewerage Systems (Gravity System)</p>

