



Ministry of Finance
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މިނިސްޓްރީ ޕްރޮކިއުލްމެންޓް
މަލެޢ، ދިވެހިރާއްޖޭގެ ޖުމްހޫރިއްޔާ

CLARIFICATION 3

މަނާފުޅު ފެންނަ ސަފުހާ 3

ނަންބަރު No:	TES/2019/W-073		
ފުރުޞަތުގެ Project:	Procurement of Design, Build and Operate of a Waste to Energy Facility at K.Thilafushi		
ޖުމްހޫރު Issued Date	8 th July 2019		
ސަފުހާ ގެ އަދަދު No. of Pages: -04	ބޮޑުވަނަ Boq: -00	ނިޔަންމު Drawings: -00	

Please include this clarification when submitting the bid. މި ސަފުހާ ފެންނަ ސަފުހާ ސަފުހާ ބޭނުންކޮށްގެން ފޯމު ފުރިހަމަކުރުމުގެ ފުރުޞަތު ހޯދައިދޭނެ ސަފުހާ ފެންނަ ސަފުހާ ސަފުހާ.

- Please find attached Answers to the Clarifications Received.

Please be informed that the deadline for **Prequalification Application** is **18th July 2019 at 1100hrs** at Ministry of Finance, National Tender.

ނަންބަރު
Name: Aishath Nadheema

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Signature:

CLARIFICATIONS 3- Attachment

#	Section	Query	Employer comments
1	Section 6. Scope of Contract	1. Brief Description of the Scope and Major Contract Components Could the Employer please provide the status and planned schedule of Phase 1 activities. Since it is important for Phase 2 W/E operation to secure the required amount and quality of waste feeding to W/E plant, the Bidder would like to ensure that Phase 1 waste management improvement is aligned with Phase 2 plans.	Tentative Procurement Plan attached. Phase 1 implementation is aligned with the implementation of Phase 2. As to the waste quantity, baled waste shall be incinerated as well.
2	Section 6. Scope of Contract	1. Brief Description of the Scope and Major Contract Components It is read that waste transportation infrastructure will be set up during Phase 1. For the purpose of the construction study in advance, we would like to understand whether we can use any beaching facility or jetty for a transportation of the heavy equipment and items in construction phase. If yes, could the Employer please provide the information and limitation of the load.	Yes, vessels can berth along the quay wall that will be constructed during phase 1. Also landing crafts can be used. The offloading should be done over the quay wall on to the reclaimed land.
3	Section 6. Scope of Contract	1. Brief Description of the Scope and Major Contract Components a) What is the status of EIA for the marine work especially seawater intake and outfall line? b) Can the Bidder start the installation work of the seawater intake and outfall facility promptly once the project will commence?	a) EIA has been drafted and under review by ADB. b) Yes
4	Section 6. Scope of Contract	1. Brief Description of the Scope and Major Contract Components The Bidder would like to clarify if the seawater cooled condenser is mandatory requirements? Can the bidder propose the air cooled condenser?	No, a seawater cooled condenser is mandatory.



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CLARIFICATIONS 3- Attachment

5	Section 6, Scope of Contract	<p>1. Brief Description of the Scope and Major Contract Components</p> <p>Could the Employer please provide information regarding export of electricity: - What is the status and planned schedule to align power purchase agreement between MEE and STELCO? What is the planned amount of electricity to be exported to the state owned grid, i.e. minimum load and future increment? - What is the status and planned schedule to construct electricity link between Island of Thilafushi and the grid of Male? Since it is important for the WtE plant to gain its income from electricity, the Bidder would like to ensure that the export of electricity is materialized aligning with WtE operation.</p>	<p>An arrangement will be made between MOE and STELCO for the utilization of the electricity generated by the WtE.</p> <p>The government has planned to commence the construct of a bridge connecting Male', Ylimala' and Thilafushi within this year.</p> <p>The export of electricity to the public grid is, of course, subject to the performance of the WtE and the quality of the waste. As per current waste characterisation study, the nominal NCV is 7.5 MJ/kg. A minimum amount of electricity export is not defined.</p>
6	Section 6, Scope of Contract	<p>1. Brief Description of the Scope and Major Contract Components</p> <p>What is the current demand of electric power in the Thilafushi island, and future demand of the CDW treatment plant, without considering the future connection of power grid line to Male island and the development of Thilafushi island?</p>	<p>Nearly 2MW</p> <p>The main envisaged use of recycled bottom ash is for non-structural concrete applications (e.g. masonry blocks). BS 882:1992 grading requirement for fine aggregates shall apply.</p>
7	Section 6, Scope of Contract	<p>2. Estimated Quantities of Major Components</p> <p>Could the Employer please provide the requirements of the bottom ash treatment plant and IBA characteristics for reuse as construction material.</p>	<p>Further study on further potential IBA applications is in progress.</p>
8	Section 3	<p>3.2 Average Annual Turnover</p> <p>4.1 Similar Contracts of Size and Nature</p> <p>Could bidders use direct mother companies financial figures and references are receivable and acceptable qualification criteria's for the Pre-Qualification process in reference, as it is the case for most of international competitive tenders; and under which conditions</p>	<p>Please refer to addendum issued on 27 June 2019.</p>



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	4.2 Experience in Key Activities	Would like to know the bidding criteria that would be applied in the future tender documents (i.e. Most advantageous construction price and/or operational tipping fee, etc.). This will help us better understand the whole contracting process in order to determine which will be the most adequate technology for this project.	The evaluation criteria will be disclosed with the bidding documents once the selection of the pre-qualified companies is completed. The bidding documents have not yet been finalized, but it is expected that the financial evaluation formula will take account of the bidders' combined design, build and operation prices over the full duration of the contract. Please note that the technology to be applied for the project is restricted to a grate type incinerator.
9			
10		Once an applicant consortium has been prequalified, is it possible to subcontract a Third Party (i.e. civil works company that has not been nominated in the PQ) for the next step of the project	As long as the bidding consortium partners are not affected, a third party can be nominated during the bidding process to carry out part of the works. The bidding documents will specify any restrictions in this regard.



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