

Scope of Works

Location of the Works

The site for the works proposed under this contract is the Island of **Male', Villigili, Hulhumale', Kuldhufushi, Maafushi, Dhuvaafaru** and **Gulhifalhu**

Description of the Works.

The contract works constitute the following

Contractor shall conduct complete and through under water inspections of all the sewerage sea out falls off the islands of Male', Villigili, Hulhumale', Gulhifalhu Kuldhufushi, Maafushi, and Dhuvaafaru for a period of three years as detailed below.

- (a) The total number of outfalls, their locations and depth in each of the above-mentioned islands are as given in the table below.

Island	Number of Outfalls and Locations	Approximate Depth
Male'	Six outfalls, situated in four locations as set out in the attached Map (Annex – 2)	PS 2 & PS 9 - 19.0 m (high tide) PS 3 & PS 4 - 45.0m (high tide) PS 8 - 42.0 m (high tide) PS 5 - 20 m (high tide) PS 10 00
Villimale'	Three outfalls, situated in two locations as set out in the attached Map (Annex – 3)	PS 2 & PS 3 - 16.0 m PS 1 - 17.0 m
Hulhumale'	Two outfalls, situated in two locations as set out in the attached Map (Annex – 4)	PS 1 - 17.5 m PS 2 - 20.0 m
Hulhumale' Phase 2	Two outfalls, situated in two locations as set out in the attached Map (Annex – 4)	PS 2 00 PS 5 00
Khuldhufushi	One outfall, situated as set out in the attached Map (Annex – 5)	PS 1 - 15.0 m
Maafushi	One outfall, situated as set out in the attached Map (Annex – 6)	PS 1 - 9.0 m
Dhuvaafaru	One outfall, situated as set out in the attached Map (Annex – 7)	PS 1 - 20.0 m (depth may varies)
Gulhifalhu	One outfall, situated as set out in the attached Map (Annex – 8)	PS 1 - 20.0 m

- (b) Each outfall shall be inspected as per the work plan (instruction to the bidders- 22) and an inspection report shall be submitted to MWSC within the time frame given.
- (c) Collect water samples from discharge area and submit to MWSC lab Villingili for testing as mentioned in SOP attached. (Male', Hulhumale' and Villimale' and Gulhifalhu sea outfall). And outer islands (Kuldhufushi, Maafushi, and Dhuvaafaru).

Investigate, Review and Testing

Investigate and review

The inspection/ investigation report shall describe the condition of the out falls and recommend remedial measures if any, and shall be supported by video footages and photos as adequate. Report format including main issues to be addressed are given in the annex1.

Video Inspection & Photography

Any Problematic area should be clearly shown in the video tape as well as photographed and made close up view so that it could be understandable.

Water collection and Testing

Water collection and testing shall be carried out according to SOP (standard operating procedure) attached in Annex-1A. Sampling period shall be twice a year for each sea outfall location (Male', Hulhumale', Villimale' and Gulhifalhu sea outfall) and it should be completed within 1st and 2nd half inspection period. and Sampling period shall be once a year for each sea outfall location (Kulhudhuffushi, Maafushi and Dhuvaafaru sea outfall) and it should be completed within 1st half inspection period.

Yearly inspection of all sea outfalls of Kulhudhuffushi, Maafushi and Dhuvaafaru reporting should be done as follows;

		Inspection	Report
1st Year	Yearly (1 st July 2023 - 31 st -Dec 2023)	September 2023	October 2023
2nd Year	Yearly (1 st July 2024 - 31 st -Dec 2024)	August 2024	September 2024
3rd Year	Yearly (1 st July 2025 - 31 st -Dec 2025)	August 2025	September 2025

Half-yearly inspection of all sea outfalls of Male', Villimale', Hulhumale' and Gulhifalhu reporting should be done as follows;

		Inspection	Report
1st Year	2nd Half-Year (1 st July 2023 – 30 th Dec 2023)	September 2023	October 2023
	1st Half-Year (1 st January 2024 – 30 th June 2024)	February 2024	March 2024
2nd Year	2nd Half-Year (1 st July 2024 – 30 th Dec 2024)	August 2024	September 2024
	1st Half-Year (1 st January 2025 -30 th June 2025)	February 2025	March 2025
3rd Year	2nd Half-Year (1 st July 2025 – 31 st Dec 2025)	August 2025	September 2025
	1st Half-Year (1 st January 2026- 30 th June 2026)	February 2026	March 2026

Summary of evaluation criteria with weights

#	Criteria	Weighting %
1	Price	50%
2	Experience	30%
3	Resources	20%