

# SIDCO

## About Us

Our company, SIDCO Pvt Ltd formed to satisfy the unique engineering and environmental requirements faced by the small beautiful islands of our home country, the Maldives.

With a focus on developing and providing sustainable solutions for engineering challenges faced by the vulnerable island environments, we form affiliations to collaborate with the best across industries.

Equipped with years of experience and training, our qualified team applies a strong emphasis on establishing and maintaining communication channels with all stakeholders to ensure the harmonious implementation of the projects.

Building lasting relationships with industry stakeholders through professionalism and consistency equip us with the strategic and competitive advantages reflected in our output.

# Corporate Philosophy

## MISSION

To provide sustainable solutions for engineering and environmental issues of small islands

## OBJECTIVES

Provide sustainable and practical engineering solutions to developers

Provide feasible environmental management and monitoring solutions

## VALUES



### TECHNOLOGY

To provide sustainable solutions for engineering and environmental issues of small islands



### PROCESS

Using internationally recognized best practices enhance our accuracy.



### AFFILIATION

We collaborate with the very best to ensure top quality in process and production

## VISION

To become the most reliable source of sustainable development solutions for island environments.

Provide state of the art geo-technical investigation services

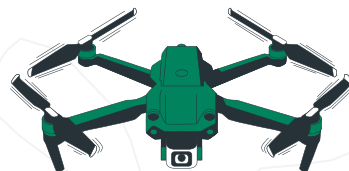
Provide local laboratory facilities and technical assistance to other local consultants

# What we do?



Geotechnical Investigation

Soil Profile Assessment



Aerial Photogrammetry

Topographic Survey

Hydrographic Survey



Environmental  
Impact Assessment

Environment Monitoring  
and Management

Marine / Coastal Environment  
Assessment and Valuation



Project Management  
Consultancy

Design and Engineering  
Consultancy

## MALDIVES MATERIAL LAB

In the dynamic landscape of construction and engineering, the role of accurate and reliable material testing cannot be overstated. The Maldives Material Lab stands as a beacon of excellence, specializing in Building Material Testing, Situ Testing, Concrete Testing, and Aggregate Testing. With a commitment to ensuring the quality and durability of construction materials, MERL has become a trusted partner for engineering projects across the Maldives.

### EXPERTISE IN BUILDING MATERIAL TESTING

We offer services to test the strength of concrete cubes and prepare concrete mix proportions. Our team of experts ensures accurate and dependable results, guaranteeing the quality and durability of construction materials.

### CONCRETE TESTING EXCELLENCE

We test concrete cubes for strength and prepare concrete mixes, ensuring construction materials meet quality standards.

### ADVANCED SITU QUALITY OF MATERIALS TESTING

We use cutting-edge techniques to assess concrete strength and quality, ensuring your construction projects are built to last.

## RESEARCH & DEVELOPMENT

We offer services to test the strength of concrete cubes and prepare concrete mix proportions. Our team of experts ensures accurate and dependable results, guaranteeing the quality and durability of construction materials.

**AS THE MALDIVES CONTINUES TO RISE FROM THE GLISTENING SEA, BUILDING A VIBRANT FUTURE FOR ITS PEOPLE, MERL IS A CORNERSTONE OF THE MALDIVES' GROWING CONSTRUCTION INDUSTRY. BY ENSURING THE HIGHEST QUALITY STANDARDS, THEY CONTRIBUTE TO BUILDING A STRONG AND SUSTAINABLE FUTURE FOR THE NATION. WITH A COMMITMENT TO PRECISION, SUSTAINABILITY, AND PARTNERSHIP, MERL IS DEDICATED TO DELIVERING EXCEPTIONAL CONSTRUCTION SOLUTIONS.**

### UNCOMPROMISING QUALITY, ONE TEST AT A TIME

MERL's experts use advanced testing methods to analyze the quality of concrete, soil, and aggregates. Their state-of-the-art lab helps identify potential issues early on, ensuring the construction of durable and reliable buildings.

## BEYOND THE SURFACE: UNVEILING THE HIDDEN DEPTHS

MERL's expertise extends beyond the laboratory, offering on-site testing services to assess soil conditions. By using non-destructive techniques, they delve deep into the soil, analyzing its bearing capacity, stability, and potential for movement. This valuable data empowers engineers to design strong and stable foundations, ensuring the long-term durability of buildings.

### BUILDING A SUSTAINABLE FUTURE, ONE AGGREGATE AT A TIME

At MERL, sustainability isn't just a buzzword; it's woven into the very fabric of their operations. MERL is committed to sustainable construction practices. By carefully testing aggregates, they ensure efficient use of resources and reduce environmental impact.

### FORGING A SUSTAINABLE FUTURE, PIONEERING A NEW ERA OF ENVIRONMENTAL CONSCIOUS DEVELOPMENT.

# MERL

# ENGINEERING PORTFOLIO

# Stormwater Design

## Project: Stormwater Design for Adh. Maamigili Major Roads Project

**Designer** Abdulla Rasheed  
**Consultant Company** RAKENTA LLP (for RDC)  
**Status** Stormwater Design Approved

## Project: Stormwater Design for N. Milandhoo Major Roads Project

**Designer** Abdulla Rasheed  
**Consultant Company** RAKENTA LLP (for RDC)  
**Status** Stormwater Design Approved

## Project: Stormwater Design for Hdh. Kulhudhuffushi Major Roads Project

**Designer** Asrar  
**Consultant Company** Geoid Consulting Engineers  
**Status** Completed

## Project: Stormwater Design for Lh. Hinnavaru Major Roads Project

**Designer** Asrar  
**Consultant Company** SIDCO Pvt. Ltd.  
**Status** Detail Design Works Ongoing

## Project: Stormwater Design for Dh. Kudahuvadhoo Major Roads Project

**Designer** Asrar  
**Consultant Company** SIDCO Pvt. Ltd.  
**Status** Concept Design Report submitted for approval





# Geological & Hydrological

## Project: Geotechnical and Drainage Study and Preparation of EIA for the proposed pilot roads project in Kaafu Thilafushi

**Client** Housing Development Corporation Ltd.  
**Geotechnical Engineer** Dr. Abdulla Muththalib  
**Year** 2021  
**Status** **Completed**

## Project: Geotechnical Investigation and Preparation of EIA for Social Housing Project in Hulhumale' Phase II

**Client** JMC Projects (India) Ltd.  
**Geotechnical Engineer** Dr. Abdulla Muththalib  
**Year** 2021  
**Status** **Completed**





## Project: Geotechnical Investigation and Preparation of EIA for Social Housing Project in Hulhumale' Phase II

**Client** NBCC (India) Ltd.  
**Geotechnical Engineer** Dr. Abdulla Muththalib  
**Year** 2021  
**Status** **Completed**



## Project: Soil Investigation for Fenaka Bottling Plant Project, Ha. Hoarafushi

**Client** Precision Engineering Services (Pvt) Ltd.  
**Geotechnical Engineer** Dr. Abdulla Muththalib  
**Year** 2021  
**Status** **Completed**



## Project: Geotechnical and Hydrological Survey for Hdh. Kulhudhuffushi Major Roads Project

**Client** Road Development Corporation Ltd. –  
Work carried out on behalf of Geoid Engineering Consultants Pvt. Ltd

**Geotechnical Engineer** Dr. Abdulla Muththalib

**Year** 2021

**Status** **Completed**



## Project: Geotechnical and Hydrological Survey for M. Mulah Major Roads Project

**Client** Road Development Corporation Ltd. –  
Work carried out on behalf of Rakenta LLP

**Geotechnical Engineer** Dr. Abdulla Muththalib

**Year** 2022

**Status** **Completed**





## Project: Consultancy Service for Geotechnical and Hydrological Survey Preparation of Environmental Impact Assessment & Stormwater Design for Lh. Hinnavaru Major Roads Project

**Client** Roads Development Corporation Ltd.  
**Geotechnical Engineer** Dr. Abdulla Muththalib  
**Year** 2021  
**Status** Ongoing



## Project: Consultancy Service for Geotechnical and Hydrological Survey Preparation of Environmental Impact Assessment & Stormwater Design for Dh. Kudahuvadhoo Major Roads Project

**Client** Road Development Corporation Ltd.  
**Geotechnical Engineer** Dr. Abdulla Muththalib  
**Year** 2022  
**Status** Ongoing



# Environmental Impact Assessment

**Project: EIA for the establishment of water and sewage network in two islands –**  
GDh. Faresmaathoda, GDh. Hoadedhoo

**Client** Shah Technical Consultants Pvt. Ltd  
**Year** 2021  
**Status** **Completed**

**Project: EIA for the establishment of water network in two islands –**  
HDh. Vaikaradhoo, Sh. Lhaimagu

**Client** Shah Technical Consultants Pvt. Ltd  
**Year** 2021  
**Status** **Completed**

**Project: EIA for the establishment of water network in four islands –**  
Ha. Kelaa, Ha. Baarah, Sh. Funadhoo, N. Manadhoo

**Client** Shah Technical Consultants Pvt. Ltd  
**Year** 2021  
**Status** **Completed**

**Project: EIA for the establishment of water network in four islands –**  
M. Kolhufushi, M. Muli, F. Bilehdhoo, Dh. Meedhoo

**Client** Shah Technical Consultants Pvt. Ltd  
**Year** 2021  
**Status** **Completed**

**Project: EIA for the establishment of  
water network in four islands –**

**Ga. Dhaandhoo, Ga. Gemanafushi, Ga. Maamendhoo, Gdh. Madaveli**

**Client** Shah Technical Consultants Pvt. Ltd  
**Year** 2021  
**Status** **Completed**

**Project: EIA for the establishment of  
water network in four islands –**

**L. Gan, L. Isdhoo, L. Kalaidhoo, L. Maamendhoo**

**Client** Shah Technical Consultants Pvt. Ltd  
**Year** 2021  
**Status** **Completed**

**Project: EIA for the establishment of water and  
sewage network in three islands –**

**F. Dharanboodhoo, Dh. Bandidhoo, M. Maduvvari**

**Client** Shah Technical Consultants Pvt. Ltd  
**Year** 2021  
**Status** **Completed**

**Project: EIA for the establishment of water and  
sewage network in two islands –**

**L. Maabaidhoo, Th. Hirilandhoo**

**Client** Shah Technical Consultants Pvt. Ltd  
**Year** 2021  
**Status** **Completed**

## EIAs Conducted by our MD and Lead EIA Consultant Amir Musthafa

1. ESMP for the IWMC in B. Eydhafushi (2020), Ministry of Environment and Energy
2. ESMP for the IWMC in HA. Baarah (2020), Ministry of Environment and Energy
3. ESMP for the IWMC in HDh. Nellaidhoo (2020), Ministry of Environment and Energy
4. ESMP for the IWMC in AA. Bodufulhadhoo (2019), Ministry of Environment and Energy
5. EIA for the proposed Harbour construction in Ha. Molhadhoo (2019), Ministry of National Planning and Infrastructure
6. EIA for proposed beach nourishment project in B. Kihavah (2017), Anantara Resorts and Spa
7. EIA for the proposed water network project in Th. Thimarafushi (2017), Ministry of Environment and Energy
8. EIA for the proposed wind energy project in Naifaru, Lhaviyani Atoll (2017), STELCO
9. EIA for the proposed wind energy project in Himmafushi, Kaafu Atoll (2017), STELCO
10. EIA for the proposed 12 storey mixed residential building in Hulhumalé - Oceanfront (2017), Rainbow Construction Pvt. Ltd.
11. EIA for the proposed mixed residential apartment building in Plot C2-4, Hulhumalé - Raincrest Residence (2017), Rainbow Construction Pvt. Ltd.
12. EIA for the proposed luxury apartment complex at Hulhumalé - Sandhura Residence (2017), Nasandura Pvt. Ltd.
13. EIA for the proposed MWSC port construction in Gulhifalhu, Kaafu Atoll (2017), MWSC
14. EIA for the proposed 2500 housing units in Hulhumalé Phase II, Kaafu Atoll (2017), Sinohydro Corporation (China)
15. EIA for Borehole Construction for desalination plant at Helengeli Island Resort (2016), Helengeli Island Resort



16. EIA Addendum for Maadhoo Resort Development (2016), EoN Resorts Pvt. Ltd.
17. EIA for the proposed project to Reclaim and Develop 3 Resort Islands on the lagoon located at North Malé' Atoll (4°40'28.8"N 73°32'02.2"E and 4°40'18.4"N 73°32'24.6"E) (2016), Bodufaru Beach Resorts Pvt. Ltd.
18. EIA for deep sea dredging for proposed project to Reclaim and Develop 3 Resort Islands on the lagoon located at North Malé' Atoll (4°40'28.8"N 73°32'02.2"E and 4°40'18.4"N 73°32'24.6"E) (2016), Bodufaru Beach Resorts Pvt. Ltd.
19. EIA for Malé' West Area Redevelopment Project (2015), Ministry of Housing and Infrastructure
20. EIA for HA. Filladhoo Sewerage System Development Project (2015), Ministry of Environment and Energy
21. EIA for Th. Dhiyamigili Sewerage System Development Project (2015), Ministry of Environment and Energy
22. EIA for Building Construction at Manaage, Malé' (2015), Rainbow Construction Pvt. Ltd.
23. EIA for B. Kihavah Beach nourishment project (2013), Anantara Resorts and Spa Pvt. Ltd.
24. EIA for Sewerage systems project in HDh. Hanimaadhoo (2013) - Ministry of Environment and Energy
25. EIA for K. Kudahuraa Reef Club Development and Coastal Works (2012) - Four Seasons Hotels and Resorts Pvt. Ltd.
26. EIA for the Coastal Protection Works at K. Ihuru (2012), Banyan Tree Maldives Pvt. Ltd.
27. IEE for beach nourishment works at Dh. Velavaru (2011), Angsana Resorts
28. IEE for powerhouse expansion works at K. Kudahuraa (2011), Four Seasons Hotels and Resorts Pvt. Ltd.

**SIDCO Private Limited**  
C0514/2017

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The logo for SIDCO is rendered in a bold, white, sans-serif typeface. The letters 'S', 'I', and 'D' are connected, with the 'S' having a distinctive downward-pointing tail. The 'C' and 'O' are also connected to the 'D'. The overall style is modern and clean.