## COMPANY PROFILE

September 2024

## CVNG

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### Introduction

CVNG Consulting Pvt Ltd is a consultancy firm in the Maldives, giving services in the development project formulation, project management, cost evaluation, specialist civil & structural engineering, construction consultancy & land and property valuation. The company was established in 2006 (Registration Number: C-0430/2006). The head office is located at H. New Florida (1<sup>st</sup> Flr), Ameer Ahmed Magu, Male, Maldives.

The CVNG team is led by Mr. Adnan Ali (Civil, Structural & Transportation Engineer and Planner), who has served and managed a number of institutions in the Maldives. Through CVNG he has delivered numerous construction and real-estate projects.

CVNG collaborated with most of the established esteemed architectural firms, developers, resort owners operators, banks and insurance companies in the Maldives and provided supporting engineering services to their projects.

CVNG team has carried out project formulation, management of project from initiation to the completion engaging various teams required for the completion of projects. CVNG team has appreciation for hiring the most appropriate expertise for relevant activities.

At CVNG, for proper evaluation of structural safety and economic design, we use commercially licensed, structural analysis software, such as Scia Engineer V16, Dlubal RFEM 6, SAP2000 V25, ProtaStructure 2024 and for cost evaluation and easy take-off we use Planswift Metric Pro.

In the project management process, to keep all parties updated, we have now started implementing google apps and live updates will be emailed every day and in all situations where instructions or inspections are carried out at the site.



# Core Technical Services we provide in house

- Development Project formulation
- Project Management & Construction Consultancy Services
- Quantity surveying and evaluation of projects
- Structural Analysis and Design
- Structural Integrity and Conditions Assessment of Existing Structures
- Building Valuation Services



### **Our Vision & Mission**

#### **OUR VISION**

To be one of the key members in the construction industry of the Maldives, resolving & delivering, the most needed development for the Maldives.

#### **OUR MISSION**

Effective and participative engagements in delivering sustainable and efficient services to all Clients.

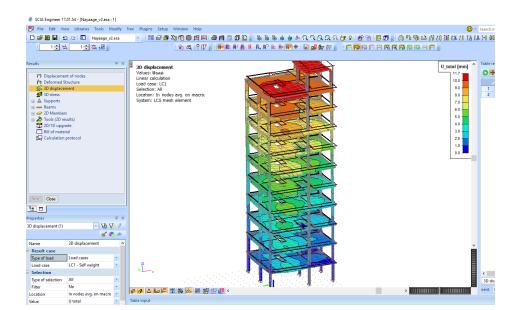


## Structural Assessment, Analysis and Design

At CVNG we have structural engineers working to design and assess structures, we believe in industry standard, licensed soft wares more than one will be required to assess and understand the most economical solution for the structure without compromising safety. We use **Scia Engineer**, **Dlubal RFEM**, **SAP2000**, **ProtaStructure** for structural analyses and design. All of the software are industry standard softwares, capable of analyzing structures in 3-dimensions, with multi-material, bringing quick, economic and safe and economic solutions to our projects.









#### TYPICAL STRUCTURAL ANALYSIS AND DESIGN PROJECTS CARRIED OUT AT CVNG.

- Structural Design of 50 key luxury resort at Vaagali Island (in progress, near to completion) for Gateway Maldives.
- Structural Design of 100 key luxury resort at Biyadhoo Island Resort (in progress, near to completion) for Sunland Hotels Maldives
- · 15-storey commercial and residential building at H. Athireege (2022),
- Structural design of 6-storey residential/commercial structure at Hulhumale lot 10983 (2021).
- 15-storey social housing structure for MWSC via Mspace Pvt Ltd.
- M. Oceanic Villa, 10 storey commercial and residential building for Cyprea Pvt Ltd, via Mspace pvt ltd.
- Dive centre at Clubmed Kanifinolhu resort, 2 storey at the jetty front, for Clubmed, via Mspace pvt Ltd.
- · 3-Storey, Fish factory building for Sea Aspire Maldives via Mspace Pvt Ltd.
- 10-storey building at G. Nayage for Mr. Abdulla Saeed, Cyprea MD, via Mspace Pvt Ltd.
- 10-Storey residential and commercial building at M. Gulshameemaage via Mspace Pvt Ltd.
- H. Emboogasdhoshuge, for Sonee Hardware, (10 storey, commercial and residential building.
- H. Merry side, 10-storey commercial and residential building, for one of the partner
- H. Coconut Villa, 10-storey, commercial and residential building for Mooinc and Cyprea Pvt Ltd.





15-Storey development at H. Athireege (construction ongoing)



10-Storey development at H. Emboogasdhoshuge (Completed)



9-Storey development at H. Merryside (Completed)



Structural design of foundation for cement silos (at Thilafushi reclaimed area) for Villa shipping and Trade, Maldives





Structural design of foundation for cement silos (at Thilafushi reclaimed area) for Villa shipping and Trade, Maldives

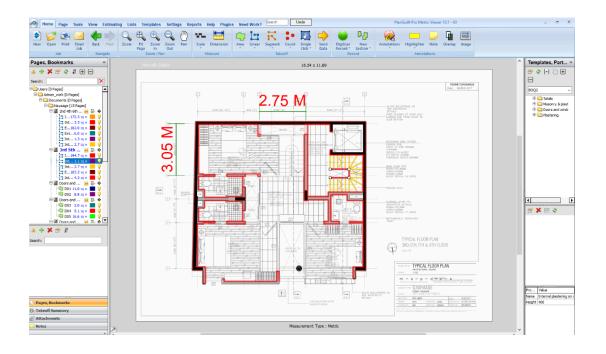


Fish factory at Hulhumale, for Sea Aspire



# Quantity Surveying & Evaluation of Projects

At CVNG we use licensed software Planswift Metric Pro for take-off, producing of Bills of Quantities and estimation.



Use of relevant tools helps us to keep projects and work organized. **Planswift Metric Pro** let us overlay and compare the changes of architectural and engineering plans, when take-off from amended plans.



#### RECENT QUANTITY SURVEYING AND VALUATION WORKS OF RESORTS AND GUEST HOUSES

- · Clubmed Kanifinolhu Resort (2019) via Mspace Pvt Ltd
  - Dive Center
  - · Staff Accommodation
- · Coco Bodu Hithi Resort (2020) for Sunland Hotels Pvt Ltd
  - Valuation of structural damage for the submission to the insurance company.
- Fun Island Resort (2019) via Mspace Pvt Ltd.
  - · Cost estimate for conceptual development of Water Villas.
- · Some of the works of done for the development of Guest houses
  - · Feeroazu Villa (6-storey), Adh. Mahibadhoo
  - · Vakkaru (3-storey), AA. Thoddoo
  - · Saamiyaa Manzil (4-storey) K. Guraidhoo
  - · Araamu (3-storey), K. Thulhusdhoo
  - · Orchid Guest house (2-storey) AA. Dhangethi



### QUANTITY SURVEYING AND VALUE ANALYSES WORK FOR BANKS

We have worked with Bank of Ceylon, Commercial Bank of Maldives and Maldives Finance and Leasing Company (MFLC). MFLC is required to attest and verify the Bills of Quantities submitted by their clients when they apply for development projects.

We produce a BOQ Analysis, normalizing the BOQ with Standard Method of Measurement (SMM and NRM) whereby MFLC could understand individual rates of trades as well as overall price range.

We have so far evaluated and analyzed a total of about 29 projects for MFLC. Typical projects:

- · Ma. Maaraa 10 storey (2021)
- G. Orange ge extension (2021)
- Hulhumale lot 11167 (2021)
- M. Radhumaa, 8 storey (2020)
- M. Nadhee, 10 storey (2020)
- M. Jasmine Villa, 5 storey (2020)
- M. Rocks Dale, 4 storey (2019)
- Hulhumale lot 10468 (2019)



## QUANTITY SURVEYING WORKS FOR GENERAL DEVELOPMENT, FOR ARCHITECTS AND CLIENTS.

Total of more than 130 project engagements with developers, architects and Clients.

Typical projects are:

- H. Athireege 15 storey (2022)
- H. Thiyara 10 storey (2022)
- · Divine Test, Lh. Hinnavaru, 4-storey (2021)
- · Jungle Aabaadhu, Ga. Villingili, 4-storey (2021)
- Nest, H. Dh. Kulhudhuffushi, 4-storey, (2021)
- · Blueshafa , K. Male, 3-storey, (2021)
- · Seaview, Adh. Dhigurah, 3-storey (2021)
- G. Nayaage, 10 storey (2020)
- Happy Luck, 10 storey (2020)
- M. Vaagali, 10 storey commercial/Residential (2019)
- M. Oceanic Villa Maaraa, 10 storey (2018)
- M. Gurahali, 10 storey (2018)
- H. Merryside, 10-storey (2009)
- Ma. Second Place, 10-storey (2008).
- H. Coconut Villa, 10-storey, (2007)



#### QUANTITY SURVEYING WORKS FOR PROJECT MANAGEMENT & CONSTRUCTION CONSULTANCY WORKS

All the bills raised by the Contractor will be checked as per the agreement. The work done at the site will be compared. Bills will be certified and each certificate will be signed off by the Quantity Surveyor as well as Chief Engineer.

Typical project management projects are:

- Redevelopment a luxury resort at Biyadhoo Island for Sunland hotels Maldives.
- 15-Storey Commercial and residential building at H. Athireege for Asters Pvt Ltd
- 10-Storey Commercial building at H. Thiyara for Asters Pvt Ltd
- Hulhumale 11062 Six-and-half-a-storey with a basement (2022)
- · Oceanic Villa (2023)
- G. Rangireege 10 storey (2023)
- G. Asters Tower 10 storey (2022)
- Ma. Kelavee 10 storey (2022)
- H. Millennia, 10-storey (2021), assoc. with Mspace Pvt Ltd.
- G. Kashiveli, 10-storey (2021), assoc. with Mspace Pvt Ltd.
- M. Bluestone, 10-storey (2021), assoc. with Mspace Pvt Ltd.
- · Cyprea Head office, 10-storey 2015)
- H. Sifa, 10 storey (where MCB bank located), (completed)
- H. Merryside, 10-storey (2015)
- · H. Coconut Villa, 10-storey (2013)
- M. Kurigam, 10-storey (2012)
- G. Quest, 10-storey (2010)



We believe delivering the project as per the design is equally important as the design itself.

Delivering the projects as per the requirements of the Clients, the consultants engage in the projects during the construction phase, primarily in two types of scopes.

- 1. General construction Consultancy
- 2. Project management

With regard to general construction consultancy services, the Client wishes the contractor to carry out the management and monitoring work most of the time during the construction period, and a consultant to just oversee the progress and quality by visiting ad-hoc or random fashion or when the contractor makes specific requests for inspections. The resources allocated are generally less from consultant's end and usually one person is involved.

With regard to the scope of project management, more closer monitoring and control of the construction site is taken. Control of

- a. Daily inspections and reports
- b. Documents on site
- c. Work methodology
- d. Each trade inspections approvals
- e. Material approvals
- f. Attending to RFI
- g. Regular meetings
- h. Resource mobilization on site
- i. Fiance and payment to the contractor





100-key luxury resort redevelopment project management for Sunland Hotels Pvt Ltd, in Maldives. The project is at final stage of documentations, start of construction is waiting for approval from the Ministry of Tourism. CVNG is arranging a dedicated management and technical team resident at the resort for quality control and delivery. The team to be backed by head office team in Male. (Pic. Existing Spa and beautiful banyan tree at the spa)

#### 100-key resort redevelopment at K. Biyadhoo Island Resort (ongoing)

15-Storey commercial / residential development at H. Athireege, design by Hannan Yoosuf Architect. Structural & MEP design by CVNG.

The project is managed by CVNG. The contractor for the project is Rasheed Carpentry and Construction Pvt Ltd.

(Pic. Rendering done to represent the front façade as it will blend with existing buildings)



#### 15-Storey commercial /residential at H. Athireege (ongoing)





11 storey commercial & residential building, designed by architect Mr. Mohamed Ishan Saeed from Mspace, engineered by Mr. Adnan Ali from CVNG Consulting.

Project managed by CVNG Consulting in association with Mspace team. Construction initially started by Design Built Pvt Ltd. Now being completed by RCC Pvt Ltd.

M. Oceanic Villa (2022)

11 storey commercial & residential building, designed by architect Hussain Ajwad Naseem. Structure by Ashraf Hameed. Construction by Batch Construction Pvt Ltd. Project managed and delivered by Mr. Adnan Ali from CVNG Consulting in association with Mspace.



G. Kashiveli (2020)





11 storey commercial & residential building, initially designed by Richard Ho, Singapore, detailed by HannanYoosuf Architect, further detailed, engineered during project management phase of the project by Mspace/CVNG Consulting.

Façade engineering and project managed by Mr. Adnan Ali from CVNG Consulting in association with Mspace team. Construction done by Alia Construction Pvt Ltd.

H. Millennia (2020)

11 storey commercial & residential building, initially designed by Riyan. Facade and interior architecture modified by architect Mr. Mohamed Ishan Saeed.

Project managed by Mr. Adnan Ali from CVNG Consulting in association with Mspace team. Construction done by Batch Construction Pvt Ltd.



M. Blue Stone (2019)





11 storey commercial & residential building, designed by architect Ms. Evelyne Adam, structural design done by Mr. Adnan Ali, CVNG Consulting. This building has fairface concrete structure.

Project managed by Mr. Adnan Ali from CVNG Consulting. Constructed by Sanken Lanka.

H. Merry side (2014)

11 storey commercial & residential building, designed and engineered by HannanYoosuf Architect.

Project managed by Mr. Adnan Ali from CVNG Consulting. Constructed by Sanken Overseas Pvt Ltd.



H. Sifa (MCB Bank) building (2014)





10 storey residential building, designed by architect Ms. Fathimath Rasheed (Thaathu) from Riyan Pvt Ltd.

Project managed by Mr. Adnan Ali from CVNG Consulting. Constructed by Contech Pvt Ltd.

M. Kurigam, residential building (2014)

11 storey commercial & residential building, designed by architect Mr. Mohamed Ishan Saeed from Mooinc Pvt Ltd. Structural design done by Mr. Adnan Ali, CVNG Consulting.

Project managed by Mr. Adnan Ali from Civeng. Construction of structure done by FW construction Pvt Ltd, and finishing works done by Maris Construction Pvt Ltd.

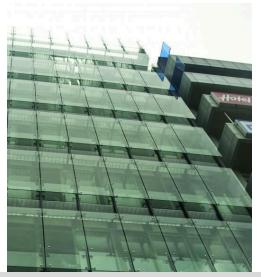


H. Coconut Villa (2012)



11 storey commercial building, designed by architect Mr. Mohamed Ishan Saeed from Mooinc Pvt Ltd. Special feature of the building include double façade and fairface concrete structure.

Project managed by Mr. Adnan Ali from CVNG Consulting. Construction by Sanken Lanka Pvt Ltd.





Cyprea Head Office Building (2009)



Construction Consultancy engagement is the most common type of service provided by CVNG Consulting during construction. Clients seek at various stages of project for clarifications and consultation. Some of the projects we engaged have been listed below.



Emboogasdhoshuge , Sonee hardware/ residential commercial building



G. Quest, residential commercial building



Pile foundation for Traders Hotel (now Hotel Jen).



Concrete foundation for Cement Silo for Villa shipping and Trade Pvt Ltd.



### Structural Integrity & Conditions Assessment

Structural integrity and conditions assessment check is required for various reasons for different building structures.

Some of the requirements are:

- When corrosion or cracks appear on any part of the building.
- When excessive condensation or leaks appear on different parts of the building
- When signs of corrosion appear in any part of the primary structure.
- When termite action is discovered in timber structures.
- When there is a tilt or changes shape of the building.
- When there is floor crack.
- When there are damages to buildings by severe weather, wind or waves.
- When requiring to build on top of existing multi-storey structures.
- When requiring to change the existing use of the building.

#### Safety is utmost important

We use Commercially licensed, industry Standard Software such as **Scia Engineer, Dlubal RFEM, SAP2000, ProtaStructure** for analysis of structures. Proper engineering tools makes easier for us to analyze existing structures and identify weaknesses in the structure.



Some of the project we provided structural capacity & conditions assessments to the clients.



Structural conditions assessment of steel structure at Departure terminal extension building at Ibrahim Nasir International Airport (2022)



Structural capacity assessment of piles at overwater Lagoon Bar at Vakkaru Maldives Resort (2022)





Weather damages to various structures at Coco Bodu Hithi Resort, for Sunland Hotels Pvt Ltd (2020)



Weather damage assessment of One & Only Reethi Rah Resort for Qserve (Pvt) Ltd (2020).



Existing structural conditions assessment and remedial action for, Main Kitchen, General Store & Housekeeping store of Clubmed Kanifinolhu (2021).





Existing Conditions assessment of Administration & Finance building at Banyan Tree Resort.



Existing structural conditions assessment of Rihiveli Restaurant of Angsana Resort.



Existing structural conditions assessment of Fire damage of Store at Angsana Resort



Existing structural conditions assessment and monitoring of Majeedhiyya school old building Monitoring during Holiday Inn Hotel Construction.



Existing structural conditions assessment of ADK Tower monitoring during Holiday Inn Hotel Construction



Existing Structural Conditions assessment of Aster Building, and Monitoring during Holiday Inn Hotel Construction



Existing Structural Conditions Assessment of H. Karankaa Villa, Male



Existing Structural Conditions Assessment of TVM building, Male



Existing Structural Conditions Assessment of Olympia Building, Male



## Building Valuation Services

Building valuation service is one of the most important service required in the current construction industry of the Maldives. We have an appropriate team of consultants who could as a team give correct value for the structure.

We have provided valuation services to Maldives Finance Leasing Company for many of their clients. The banks such as Bank of Ceylon and Maldives Commercial Bank also accepted services from our company with recent valuation projects.

Damages to the resort properties due to weather, waves or high winds required to be evaluated and value of re-construction costs have been done. Documentations required for clients to proceed with claims to their insurers, such as Maldives Allied Insurance Company have been successfully prepared by CVNG Consulting.

List of much of such service is already included in the Section Quantity Surveying and Evaluation of Buildings.



#### TYPICAL VALUATION PROJECTS



Valuation of Oblu Select Lobigili and Oblu Xperience Ailafushi Resort on Aanugandu Falhu Island, (2022)



Madoogali was a resort in operation and stopped for some years. CVNG Consulting carried out valuation of the existing facilities and calculated cost of development, as per current regulations of the Ministry of Tourism to bring the resort to operation (2021)



Palm Beach Resort Conditions Assessment Inspection & Valuation services (2021)



Carpe Diem Building valuation services, and continued valuation during progress of construction (2022)



Valuation services for the 15-Storey development at Nasandhura Palace Hotel in Male (2022)



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Our Clients & their testimonials

# Our Clients & their testimonials

















































Prof. Chitra Weddikkara Chartered Architect / Chartered Quantity Surveyor B.Sc. (BE), A.Arch., B.Sc (QS), M.Sc. (BId), Ph.D. FIA(SL), ARAIA, FRICS, FIQS(SL),

Specialising in: Project Management, Value Management, Dispute Resolution Claims Preparation, Mediation and Risk Management.

18<sup>th</sup> August 2021

#### TO WHOM IT MAY CONCERN.

We write to confirm that Mr. Adnan Ali of Civeng Pvt Ltd, H. Hazel Crest, Sosun Magu, Malé 20067, Maldives, assisted us in carrying out the inspection survey of damages occurred at One & Only Reethi Rah resort Maldives due to bad weather conditions. The inspection and reporting was carried out very professionally

We highly recommend Mr. Adnan Ali as a professional structural consultant for any project, and we wish him the very best on any project where his professional services are needed .

QSERVE (PVT) LTD.

Badditle Prof. Chitra Weddikkar Managing Director



15<sup>th</sup> August 2021

#### To whom it may concern

Civeng Pvt ltd has recently carried out inspection of weather damages to the water villa and jetty structures at Bodu Hithi Resort.

We found their structural engineering inspections and service acceptable in helping us in the application process for insurance claim.





Two whom it may concern

Civeng Pvt Itd has recently carried out structural inspections of Main Kitchen and General Store at Clubmed Kanifinolhu Resort.

We found their structural engineering solutions to existing buildings are reasonable in maintaining the structures.



Shavin Seeboo Technical Services Manager



SS CBM







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# Key Team & expertise



ADNAN ALI (Chief Engineer | Managing Director) CIVIL, STRUCTURAL, CONSTRUCTION CONSULTANCY, PROJECT MANAGEMENT *B.Eng (Civil/Struct) M.Eng* 



AMINATH SHIUNA (Quantity Surveyor | Director) QUANTITY SURVEYING, VALUATION, CONSTRUCTION MANAGEMENT BSc (Hons) – Quantity Surveying and Construction Management



JEFFIN C WILSON (Civil & Structural engineer) CIVIL, STRUCTURAL, CONSTRUCTION CONSULTANCY B.Tech(Civil), MTech (Structural Engineering)



RAAIF IMTHIYAZ (Architectural & Interior design) INTERIOR ARCHITECT B.Sc. Interior design





ANJANA COORAY (Deputy PM, Civil Engineer) Project Management, Civil Engineering Coordination



ASHIL S KUMAR (Civil & Structural engineer) CIVIL, STRUCTURAL, CONSTRUCTION CONSULTANCY B.Tech(Civil), MTech (Structural Engineering & Construction Management)



MOHAMED WAHEED (Consultant Electrical & Communication Engineer) ELECTRICAL, ELECTRONIC, COMMUNICATION ENGINEERING *B.Eng, Electrical and Electronic Engineering* 



HUSSAIN SOLAH (Consultant Electrical, Communication & Security Engineer) ELECTRICAL, ELECTRONIC, COMMUNICATION, SECURITY SYSTEM ENGINEERING B.Eng, M. Eng, Electrical, Electronic & Radar System Engineering



# Registration and other relevant documents











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