

THORIQ IBRAHIM

Year of Birth
01 Feb 1969

Nationality
Maldivian

Marital Status
Married

Number of Children
One

Education
BEng (Hons) in Building Services Engineering, Loughborough University of Technology, 1995

MSc in Building Science, National University of Singapore. 2002.

MBA
Preston University, USA. 2004

Professional Registration
Registered Engineer at Maldives Electricity Bureau

Registered Engineer at Ministry of Construction and Public Infrastructure.

Professional Associations
Associate
Chartered Building Services Engineers

One of the founder member of the Association of Maldivian Engineers

Language Capabilities
English, Dhivehi

Total Years Experience
Fifteen

Joined MCPW (Maldives)
Sept 1995

Joined Gedor Architecture Pte Ltd (Maldives)
Oct 1995

Joined Balck & Veatch (SEA) Pte Ltd (Singapore)
Nov 2001

Joined Ministry of Planning & National Development, Maldives
Jun 2005

Thoriq has more than 15 years experience in the field of building services engineering design, supervision &, project management of construction projects and M&E building maintenance services.

Being the first Graduate Building Services Engineer in the Maldives, Thoriq has involved in designing the Building Services Systems for most of the public buildings, private buildings and tourist resorts in the Maldives during the last 15 years.

After completing a Masters Course at National University of Singapore (NUS) on Nov 2001 he joined a Singapore based international multi-disciplinary consultancy company called Black & Veatch (SEA) Ltd. He was attached as an M&E design engineer. Thoriq also gained experience on site by working as an assistant resident M&E Engineer for the upgrading of Chestnut Avenue Water Works, Singapore.

Thoriq returned to work in the Maldives on July 04. Some of the major design work he has under taken since returning to Maldives was the design of M&E services for the W Maldives Resort, Proposed Regent Resort in the Maldives, Proposed Renaissance Maldives, Proposed JW Marriott Maldives, Proposed Bvlgari Resort. Thoriq was also the Project Director from the Maldivian Government side for the reconstruction of Houses in 9 Islands that were destroyed during the tsunami that hit Maldives in Dec 04.

Thoriq left Civil Services on November 2008 and now work at Gedor on full time basis as a director in charge of all Building Services related design consultancy and supervision works.

Thoriq Initiated the M&E Building Maintenance Section at Gedor in 1998 which was the first routine M&E maintenance services setup in the Maldives. Today Gedor Building Maintenance Services is one of the largest setup in the Male' that provides 24 hours M&E services in Male'.

MITTS Enterprises Pvt Ltd	
Chairman	Mar 2005 - Today
Gedor Architecture Pvt. Ltd, Maldives	
Director, Building Services	Aug 2004 - Today
Maldives Tourism Development Corporations	
Board Director	July 2008 -Sept 2010
Maldives Energy Authority	
Member of the Governing Board	Oct 2009 - Today
Construction Industry Development Board	
Member of the Governing Board	Jan 2008 – Dec 2009
Ministry of Planning & National Development, Maldives	
Director General	Feb 2008 - Nov 2008
Hulumaale Development Corporation	
Board Director	Jun 2005- Feb 2009
Ministry of Planning & National Development, Maldives	
Director, Regional Development	Jun 2005 - Nov 2007
Ministry of Construction and Environment	
Deputy Director	Aug 2004 – Jun 2005
Black & Veatch (SEA) Pte Ltd, Singapore	

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Engineer Black & Veatch (SEA) Pte Ltd, Singapore	April 2003 – July 2003
Assistant Resident Engineer, Chestnut Avenue Water Works Extension Project Black & Veatch (SEA) Pte Ltd, Singapore	April 2003-March 2004
Engineer Binnie Black & Veatch (SEA) Pte Ltd, Singapore	Jan 2003 – April 2003
Engineer Ministry of Construction & Public Works, Maldives.	Sept 2001 - Dec 2002
Building Services Engineer Gedor Architecture Pvt. Ltd, Maldives	Sept 1995- Jun 2000
Director, Building Services Office for Physical Planning & Design, Maldives,	Sept 1995 - Jun 2000
Building Services Engineer Trainee	Dec 1990 – Sept 1992

Project Involvement in Maldives from June 2004-Todate

Detail M&E Design for H. Filigasdoshuge (Proposed 14 Storey Building).

Mechanical and Electrical building services design, that consist of scheme design and detail design preparation of specification.

Detail M&E Design for Gaafu Dhaal Atoll Meradhoo Resort (Proposed Jumerah Resort).

Design changes including all the M&E of the partly constructed resort were required to upgrade the resort to a Jumerah standard resort. The whole M&E systems including the electrical distribution system, air-conditioning and mechanical system, sewerage and sanitation system, water reticulation system and plumbing system for individual bungalows, Sewerage Treatment System are being design and the expected completion of the design stage is Aug 2010.

Detail M&E Design for Haa Alif Atoll Berimadhoo Resort

Mechanical and Electrical building services design, that consist of scheme design and detail design preparation of specification.

Detail M&E Design for Thaa Atoll Malefushi Resort (Proposed Regent Maldives)

Mechanical and Electrical building services design, that consist of scheme design and detail design preparation of specification of electrical distribution system, air-conditioning and mechanical system, sewerage and sanitation system, water reticulation system and plumbing system for individual bungalows, fire fighting and fire alarm system, Sewerage Treatment System etc.

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Detail M&E Design for Sh.Gaakoshibee (Proposed Renaissance Maldives)

Mechanical and Electrical building services design, that consist of scheme design and detail design preparation of specification of electrical distribution system, air-conditioning and mechanical system, sewerage and sanitation system, water reticulation system and plumbing system for individual bungalows, fire fighting and fire alarm system, Sewerage Treatment System etc.

Detail M&E Design for Thaa. Ella (Proposed JW Marriott)

Mechanical and Electrical building services design, that consist of scheme design and detail design preparation of specification of electrical distribution system, air-conditioning and mechanical system, sewerage and sanitation system, water reticulation system and plumbing system for individual bungalows, fire fighting and fire alarm system, Sewerage Treatment System etc.

Detail M&E Design for G.D Gazeera (Proposed Bvlgari)

Mechanical and Electrical building services design, that consist of scheme design and detail design preparation of specification of electrical distribution system, air-conditioning and mechanical system, sewerage and sanitation system, water reticulation system and plumbing system for individual bungalows, fire fighting and fire alarm system, Sewerage Treatment System etc.

Detail Building Services Engineering Design for A.Dh. Maamigili Airport

Mechanical and Electrical building services design for the island.

Detail Electrical Distribution System Design, Sewerage Network Design, Water Reticulation System Design for the Anantara Resort in Maldives Jul 2004-Nov 2005

Main electrical system design, sewerage network design water reticulation system design between the three islands and with each island and preparation of specification.

Detail M&E Design for the proposed Shaviani Dholhiadhoo Island Resort. Sept 2004-Oct2005

Mechanical and Electrical building services design for the island.

Detail M&E Design for the proposed Thaa Atoll Kalhufahalaafushi Island resort.. Sept 2004-Oct2005

Mechanical and Electrical building services design for the island.

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M&E Design of world first W-Resort Sept 2004-Dec2005

Mechanical and Electrical building services design, that consist of scheme design and detail design preparation of specification of electrical distribution system, air-conditioning and mechanical system, sewerage and sanitation system, water reticulation system and plumbing system for individual bungalows, fire fighting and fire alarm system, Sewerage Treatment System etc.

Project Involvement in Singapore from 2001-2004

Chestnut Avenue Waterworks Extension Project, Singapore December 2001 – July2004: Engineer, Building Services

Mechanical Building Services Engineer for Chestnut Avenue Water Treatment works Extension Project, that involves Raw water from the Upper Peirce reservoir is treated at the Chestnut Avenue Waterworks involving a process of coagulation, clarification, filtration and disinfection. The treatment capacity of the works is currently 273 ML/d and is being extended to 546 ML/d using the state-of-the-art immersed membrane technology. Construction commenced in September 2002 and commissioned in November 2003. The construction cost is estimated at S\$162 million.

Choa Chu Kang Waterworks Upgrading Project, Singapore July 2002 – July2003: Engineer, Building

Involved in the design for the upgrading of water treatment processes at the Choa Chu Kang Waterworks using a process involving coagulation, clarification, filtration, ozonation and disinfection. The capacity of the works is currently 364 ML/d and will be upgraded using the state-of-the-art immersed membrane technology, followed by a new ozonation plant and a granulated activated carbon adsorption plant. Construction is expected to commence in January 2004 at an estimated cost of S\$90 million.

Upgrading of Kranji Primary School, Singapore October 2002 – April 2003: Project Manager

M&E Engineer for the supervision of Construction of A&A works at Kranji Primary School. Major works are modification of Building Services for some of the existing buildings and provision of new Building Services for new buildings added under this Contract.

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*Old Folks Home at Hong San Terrace, Singapore
March 2002 – April 2003: Project Manager*

Project manager for the development of an Old Folks Home and a Children's Home at Hong San Terrace under the Ministry of Community Development and Sports. Black & Veatch's role is the M&E design, site supervision and advising the client on the M&E maintenance issues and preparation of M&E maintenance plan for the client.

Project involvement in Maldives from 1995-2006

- Mechanical & Electrical Building Services Design of 9 Storey MMA Building that is under construction Male'.
Project Value: USD 4.2 Million
- Mechanical & Electrical Building Services Design of 7 Storey STO Head Office that is being Built in Male'.
Project Value: USD 3.8 Million
- Mechanical & Electrical Building Services design of 10 Storey building in Male', for Maldives Customs Services.
Project Value :USD 3 Million
- Mechanical & Electrical Building Services design for 8 Storey Housing flats in Male', for Maldives Housing Board.
Project Value :USD 1.5 Million
- Mechanical & Electrical Building Services design for 10 Storey Office cum accommodation building in Male' for Maldives Ports Authority.
Project Value :USD 3.8 Million.
- Building Services Design of the Fifth Primary School in Male'
Project value: USD 1.7 Million
- Mechanical & Electrical Building Services Design and M&E Project Manager for Ari Beach Resort water Village (100 Beds)
Project Value: USD 5 Million
- Mechanical & Electrical Building Services Design for Reethi Beach Resort Island
(200 Beds).
- Building Services Design and M&E project management for Hakuraa Huraa Resort Island
(140 Beds).
Project Value: USD 7.5 Million

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- Building Services Design including HVAC system for Presidents Office Male'.
Project value: USD: 5.5 Million
- Building Services Design of STO- Aifaanu Building.
Project value: USD 2.5 Million
- Building Services Design of Dharubaaruge (Convention center in Male').
Project value: USD 2.4 Million
- Assistant Project Manager Engineer for the Parliament Building Project (Pakistani-government funded.)
- Building Services Design of HD. Kuludhuffushi and GD- Thinadhoo, Regional Hospitals in Maldives.
Project value: USD 2.1 Million
- Lighting Design of Male' Indoor Sports Complex.
Project value: USD 350,000.00
- Electrical and Plumbing design of Rehabilitation Center.
Project value: USD 300,000.00
- Electrical and Plumbing design of Jamaaludeen school,
Project value: USD 1.1Million

Short Courses Attended:

- Directors Training: Getting up to speed with Governance (Part 1 & Part 2), conducted by The Institute of Internal Auditors Malaysia.
4th to 5th Nov 2009.
- Director Training Program, conducted by Capital Market and Corporate Governance Institute.
10 to 13 Feb 2009.
- Director Training Program, conducted by Capital Market and Corporate Governance Institute.
24th to 26th June 2008.
- Certificate Program in Tsunami Science and Preparedness, conducted by University of Washington, USA
15th Jul 07 to 2nd Aug 07
- Managing Contracts in Project Environment, conducted by Nanyang Technology University, Singapore
20th to 22nd Aug 2002
- Design & Specification of Electrical Distribution & Protection Systems in Buildings, Conducted by the Institution of Engineers Singapore, Singapore.
30th to 31st May 2001,

THORIQ IBRAHIM

Masters Degree Dissertation.

June 2002 Indoor Air Quality Study in Underfloor Air-conditioned Office buildings in the tropics- an M&E Overview

Name, Address and Contact Number

Thoriq Ibrahim
ID Card No: A053833
G. Noomaraage,
Lily Magu, Male'
Maldives.

H/P Number: + 960 7792441