



LOTUS TECHNICAL SERVICES LLC

HVAC | MEP | Smart Solutions

Est. 2005

Sultanate of Oman

A leading HVAC - MEP contracting company in the Sultanate of Oman, specialising in the design, supply, fabrication and installation of air conditioning systems, GI ducting, chilled water piping, electrical distribution, plumbing and full mechanical engineering works.

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CORPORATE PROFILE

Quality on Time, Every Time



Who We Are & What We Do

ABOUT LOTUS TECHNICAL SERVICES

Lotus Technical Services LLC. is one of the leading HVAC & MEP contracting companies in the Sultanate of Oman. Established in 2005, we have grown to become a trusted name in mechanical engineering, air conditioning, ducting works, electrical distribution, and plumbing services across government, defence, oil & gas, healthcare, and commercial sectors.

Our activities span the complete lifecycle of HVAC & MEP projects — from initial design and engineering through to fabrication, installation, testing, commissioning, and ongoing maintenance. We operate with a highly skilled workforce supported by modern plant and equipment, maintaining the highest standards of quality, safety, and environmental responsibility on every project.

25+ Years Experience	150+ Major Projects Completed	6 Key Sectors	100% Quality & Safety
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AREAS OF EXPERTISE

HVAC & MECHANICAL	
■ Supply & Installation of all AC Equipment	■ VRF / VRV System Design & Installation
■ GI Ducting Fabrication & Erection	■ Industrial Thermal & Acoustic Insulation
■ Pre-Insulated Ducting Systems	■ Aluminium Cladding of Pipes & Ducts
■ Chilled Water Piping Networks	■ Central AC Plant Room Works
■ AHU / FCU Installation & Commissioning	■ HVAC System Maintenance & Service
ELECTRICAL & PLUMBING (MEP)	
■ LV Electrical Works & Distribution	■ Sewage Treatment Plant Piping
■ Power Distribution Panels & Substations	■ Water Supply & Sanitary Works
■ Lighting Systems – Indoor & Outdoor	■ Fire & Smoke Damper Installation
■ Cable Tray & Containment Installation	■ Exhaust & Pressurisation Systems
■ Plumbing & Drainage Systems	■ BMS & Building Controls Integration

VISION, MISSION & LEADERSHIP

VISION

To be recognized among the leading MEP engineering contractors in the Sultanate of Oman, delivering world class HVAC, Electrical, Plumbing, and Smart Building solutions that support the nation’s infrastructure and development. With decades of experience and a commitment to excellence, we strive to build systems that become a reliable backbone for Oman’s modern buildings and future growth.

MISSION

To deliver high quality, reliable, and efficient MEP solutions through strong engineering expertise, disciplined execution, and uncompromising safety standards. We are committed to building long term partnerships with our clients while contributing to Oman’s progress through dependable infrastructure and innovative building technologies.

LEADERSHIP TEAM

CHAIRMAN

ENG. ABDULLAH BIN KHALIFA AL RASHDI

- Engineer Abdullah holds an Engineering degree with over 30 years of experience in Civil Engineering and Administration.
- He holds a prestigious management position in the Ministry of Defence, Sultanate of Oman, providing strategic leadership and vision to Lotus Technical Services.

MANAGING DIRECTOR

RATHEESH K. NAIR

- A highly accomplished Engineer with over 26 years of experience leading complex HVAC and MEP projects across the Gulf region.
- He along with our fabulous team, brings deep technical expertise in mechanical, electrical and plumbing engineering, driving Lotus Technical Services to deliver excellence on every project.

ORGANISATIONAL STRUCTURE



OUR SERVICES & SPECIALIZATION

Comprehensive HVAC, MEP & Smart Solutions

MECHANICAL WORKS

Ducting Works

- Fabrication & installation of GI ductwork
- Pre-insulated ducts to SMACNA standards
- Aluminium cladding of insulated pipework

Chilled Water Systems

- Complete chilled water networks
- Chillers, pumps, AHUs, FCUs, cooling towers
- Industrial thermal & acoustic insulation

HVAC INSTALLATION WORKS

Split, Cassette & Duct-Type AC

- Supply and installation of all AC types
- Floor-standing & ceiling cassette units
- Full testing, commissioning & handover

VRF / VRV & Central AC

- Variable Refrigerant Flow system design & supply
- Full central AC plant rooms — AHU, controls
- AHU / FCU with ductwork, grilles & BMS integration

ELECTRICAL & PLUMBING WORKS

Electrical Works

- LV electrical works & power distribution
- Lighting systems — indoor & outdoor
- Cable tray, containment & panel installation
- Distribution substations (0.4/11 KV)

Plumbing & Drainage

- Water supply & sanitary plumbing works
- Sewage treatment plant piping & mechanical
- Drainage networks & pumping stations
- Fire & smoke damper systems

ADDITIONAL SERVICES

- Energy Audit & Optimisation Consulting
- BMS & Building Controls Integration
- Building Maintenance - HVAC Service & Repair
- Exhaust & Pressurization Systems



SMART HOME & IoT AUTOMATION

Integrated Smart Solutions

Lotus Technical Services LLC delivers cutting-edge Smart Home Automation and IoT Solutions, leveraging our 2+ years of expertise in HVAC and MEP services to provide fully integrated smart-building solutions for residential, commercial, and hospitality clients across the Sultanate of Oman.

Our deep engineering background in HVAC, electrical, and mechanical systems uniquely positions us to deliver truly intelligent buildings where climate control, lighting, security, and plumbing communicate as one unified system — handled by a single trusted contractor.

OUR SERVICES

Smart Lighting Systems

- Automated & programmable lighting control
- Motion-triggered & ambient sensors
- Mobile app & voice command integration

Smart HVAC Integration

- Smart thermostat & climate control
- Remote AC management via mobile app
- Energy usage monitoring & optimisation

Security & Access Control

- Smart locks & video doorbell systems
- CCTV & motion detection networks
- Remote monitoring & instant alerts

Home IoT Integration

- Central smart hub / gateway setup
- Multi-device automation & scheduling
- Compatible with Google Home, Amazon Alexa

WHY CHOOSE LOTUS FOR SMART HOME?

Our background in HVAC, electrical, and mechanical systems gives us a unique advantage in delivering truly integrated smart home solutions. We bring trusted project management, certified engineers, and a skilled local workforce to every smart building project — ensuring seamless delivery from design through to commissioning.



MAJOR PROJECTS

Government, Defence, Oil & Gas, Healthcare & Commercial Sectors

GOVERNMENT & DEFENCE SECTOR

RCA	<p>Location: Muscat</p> <p>Bait Al Barakah — Full HVAC & MEP Works</p> <p>AHU/FCU installation,GI ducting,chilled waterpiping, kitchen hood, equipment installation, Testing & Commissioning.</p>	COMPLETED
MOD	<p>Location: Wudam</p> <p>Sultan Qaboos Naval Academy — 30TR AHU, Split AC, GI Ducting</p> <p>Supply and installationof 30TR AHU& condensing units,wall-mounted splitACs,and GI ducting works.</p>	COMPLETED
MOD	<p>Location: Rusayl</p> <p>Technical College Rusayl — Chilled Water FCU & Ducting</p> <p>Supply and installation of chilled water FCUs,chilled waterpiping,GI ducting, Testing & Commissioning.</p>	COMPLETED
MOD	<p>Location: Al Qabil</p> <p>MOD Al Qabil — AHU + Condensing Units & Ducting</p> <p>Supply and installation o fAHU + condensing uni tand complete ducting works.</p>	COMPLETED
MOD	<p>Location: Wudam</p> <p>MOD Wudam — 5 Nos AHU & Ducting Works</p> <p>Supply and installation of 5 AHUs + condensing units with full ducting works.</p>	COMPLETED
MOD	<p>Location: Sur</p> <p>MOD Sur — AHU, Ducting, Aluminium Cladding, Extract Fans</p> <p>Supply and installation of AHUs,GI ducting,aluminium cladding,roof-mountedextract fans.</p>	COMPLETED
MOD	<p>Location: Rafo Seeb</p> <p>Rafo Seeb Airbase — 72 Trane VRF Ducted Units + AHU</p> <p>Installation o f72Trane VRF ducted units with full ducting works and 1AHU at Rafo Seeb Airbase.</p>	COMPLETED
MOD	<p>Location: Shafa</p> <p>MOD Shafa — Ceiling Suspended & Package AC, GI Ducting</p> <p>Supply and installation of ceiling suspended split AC,packageAC,and GIducting works.</p>	COMPLETED
RAFO	<p>Location: Ghala</p> <p>RAFO Ghala — 2 AHU, Package AC, GI Ducting, T&C;</p> <p>Installation of 2AHUs +condensing unit, 1package AC,GIducting,Testing & Commissioning.</p>	COMPLETED

Location: Khaboura **COMPLETED**

ROP **ROP Khaboura Police Station — Package AC & GI Ducting**

Installation of package AC, GI ducting and Testing & Commissioning at Royal Oman Police Station.

Location: Suwaiq **COMPLETED**

ROP **ROP Accommodation Suwaiq — 200 Split AC, 70TR Package**

Installation of 200 wall split ACs, 70TR package units with GI ducting works.

OIL, GAS & ENERGY SECTOR

Location: Qurum **COMPLETED**

PDO **PDO Qurum — 120 VRF Ducted Units (320 HP)**

Installation of 120 VRF ducted units(320HP)with full ducting works at PDO Development Building.

Location: Qarnalam **COMPLETED**

PDO **PDO Qarnalam — 4 AHU, 14 Floor-Standing AC (80TR)**

Installation of 4AHUs,14floor-standingACs,10 inline ductedfans,GI ducting and electrical works.



Residential and Commercial Projects

MAJOR PROJECTS (CONTINUED)

Healthcare, Commercial & Retail

HEALTHCARE SECTOR

ROYAL HOSPITAL	<p>Location: Muscat</p> <p>Royal Hospital — 160 Wall Mounted Split AC</p> <p>Installation of 160 wall-mounted split ACs covering wards, clinical and administrative areas.</p>	COMPLETED
LIFELINE HOSPITAL	<p>Location: Salalah</p> <p>Lifeline Hospital Salalah — 16 FCUs, 2 AHUs & Ducting</p> <p>Supply and installation of 16 FCUs and 2 AHUs with full ducting works.</p>	COMPLETED
ATLAS HOSPITAL	<p>Location: Ruwi</p> <p>Atlas Star Hospital — 30 Ducted Splits & Ducting</p> <p>Design, supply and installation of 30 ducted split ACs with prefabricated ducting and diffusers.</p>	COMPLETED
APOLLO HOSPITAL	<p>Location: Muscat</p> <p>Apollo Hospital — Ducted Split & Ducting Works</p> <p>Supply and installation of ducted split units with full ducting works.</p>	COMPLETED
NMC HOSPITAL	<p>Location: Al Ghubra</p> <p>Panorama Mall — Pre insulated Ducting & FCU (Multiple Tenants)</p> <p>Supply and installation of ducted split units with full ducting works.</p>	COMPLETED
German Eye Centre	<p>Location: Qurm</p> <p>German Eye Centre -</p> <p>Design, supply and installation of fahu with ducting and fixing leminal flow hepa filter in the Operation Theatre</p>	COMPLETED
Finland Eye Centre	<p>Location: Qurm</p> <p>Finland Eye Centre</p> <p>Design, supply and installation of 2 nos ahu with ducting and fixing leminal flow hepa filter in the Operation Theatre.</p>	COMPLETED

MAJOR PROJECTS (CONTINUED)

COMMERCIAL, RETAIL & VRF WORKS

MUSCAT GRAND MALL	<p>Location: Muscat COMPLETED</p> <p>Muscat Grand Mall — FCU, Pre-Insulated Ducting (Multiple Tenants) Pre-insulated ducting and FCU with chilled water piping for Cerutti, Dr. Nutrition, Ajmal, Muscat Watch Centre, Capital Store, 4U, Ooredoo. Also pre-insulated ducting for 20 FCUs (5 shops).</p>
AVENUE MALL	<p>Location: Muscat COMPLETED</p> <p>Avenue Mall — 14 FCUs, Chilled Water & Ducting Installation of 9 FCUs (MegaStore), 2 FCUs (Swaroski), 3 FCUs (Malabar Gold) with chilled water piping.</p>
MUSCAT CITY CENTRE	<p>Location: Seeb COMPLETED</p> <p>Muscat City Centre — H&M;, BBW, Victoria Secret, NEXT Pre-insulated ducting and FCU installation. Also 9 roofAHUs—GI ducting with cora cloth and aluminium cladding.</p>
SALALAH MALL	<p>Location: Salalah COMPLETED</p> <p>Salalah Mall — Pre-insulated Ducting & FCU (Multiple Tenants) Supply and installation of pre-insulated ducting, FCU with chilled water piping: Capital Store, Labels, Optic Centre, Ajmal, Ooredoo.</p>
ROYAL OPERA HOUSE	<p>Location: Muscat COMPLETED</p> <p>Royal Opera House — FCU & GI Ducting (7 Shops) FCU and GI ducting installation for LLADRO, LILAC, MOUAWAD, Chocolate, Tamrah, Sheri, The Omani Craft.</p>
PDO	<p>Location: Qurum COMPLETED</p> <p>Commercial Building Al Habib Ghobra — 175 VRF (660 HP) Installation of 175 VRF ducted units with GI ducting works at Al Habib Commercial Building, Ghobra.</p>
AZAIBA BLDG	<p>Location: Azaiba COMPLETED</p> <p>Commercial Building Azaiba — 250 VRF Ducted (938 HP) Installation of 250 VRF ducted units with ducting works at commercial building, Azaiba.</p>
BAIT AL ZUBAIR	<p>Location: Muscat COMPLETED</p> <p>Bait Al Zubair Museum Phase IV — 50 VRF (160 HP) Installation of 50 VRF ducted units and ducting works for Bait Al Zubair Museum Phase IV.</p>
LULU	<p>Location: Al Khuwair COMPLETED</p> <p>Lulu Accommodation Building — Carrier VRF (450 HP) Installation of Carrier VRF units with ducting works at Lulu Accommodation Building.</p>

Location: Al Ghubra
PM **Panorama Mall — Pre-insulated Ducting & FCU (Multiple Tenants)** **COMPLETED**

Location: Across Oman
LULU **Lulu Hypermarkets — Pre-insulated Ducting & FCU (Multiple Tenants)** **COMPLETED**



Industrial Electrical and Ventilation Projects

MAJOR PROJECTS (CONTINUED)

Education, Banking & MEP Works

EDUCATION & BANKING SECTOR

SQU	<p>Location: Muscat</p> <p>Sultan Qaboos University — 12 FCUs & Ducting Works</p> <p>Installation of 12 FCUs with piping, GI ducting, cora cloth with Foster application, diffusers.</p>	COMPLETED
MIN. OF MANPOWER	<p>Location: Al Khuwair</p> <p>Technical College Al Khuwair — 128 Ceiling Suspended Split AC</p> <p>Installation of 128 ceiling suspended split ACs at Ministry of Manpower Technical College.</p>	COMPLETED
CIVIL SVC PENSION	<p>Location: Muscat</p> <p>Civil Services Pension Fund — 150 VRF Ducted Units</p> <p>Design, supply and installation of prefabricated ducting and diffusers for 150 VRF ducted units.</p>	COMPLETED
BANKS	<p>Location: Various</p> <p>Bank Muscat / NBO / Ahlia Bank — 350 Nos AC Installation</p> <p>Installation of 350 wall split, cassette type, and ducted split ACs at various bank branches.</p>	COMPLETED
ALIZ ISLAMIC	<p>Location: Ruwi</p> <p>Aliz Islamic Bank Ruwi — 12 Ducted Splits & Ducting</p> <p>Installation of 12 ducted split units and GI ducting works.</p>	COMPLETED
FINANCIAL SVC BLDG	<p>Location: CBD</p> <p>Financial Services Building CBD — 120 Nos Cassette AC</p> <p>Installation of 120 cassette, wall-mounted split and ducted split ACs.</p>	COMPLETED

ELECTRICAL & PLUMBING MEP WORKS

MOD	<p>Location: Rafo Seeb</p> <p>Technical College & Accommodation — Full MEP Works</p> <p>Complete MEP works: electrical distribution, LV panels, cable tray, plumbing, drainage and mechanical services.</p>	COMPLETED
MOD	<p>Location: Wadi Saa</p> <p>Frontier Camp Package 2 — Full MEP Works</p> <p>Electrical and mechanical works: power distribution, cable & cable tray, panels (power/lighting/control), MEP plumbing and sewage.</p>	COMPLETED

Location: Khaboura

ROP **Police Station — Electrical & Plumbing Works** **COMPLETED**

Electrical systems, LV distribution, water supply and drainage plumbing for ROP Police Station, Khaboura.

Location: Rustaq

ROYAL COURT **Ladies Prayer Hall — MEP & Structural Works** **COMPLETED**

MEP and electrical works for Royal Court Affairs. Cable works, waterproofing, and complete MEP installations.



PROJECT PORTFOLIO

Lotus Technical Services LLC

No.	Project Description	Client
1	Sultan Qaboos Naval Academy — 30TR AHU, Split AC, GI Ducting	MOD
2	Technical College Rusayl — Chilled Water FCU, Piping, Ducting	MOD
3	MOD Al Qabil — AHU + Condensing Units, Ducting Works	MOD
4	MOD Wudam — 5 Nos AHU + Condensing Units, Ducting	MOD
5	MOD Sur — AHU, Ducting, Aluminium Cladding, Extract Fans	MOD
6	Rafo Seeb Airbase — 72 Trane VRF Ducted Units + AHU	MOD
7	Bait Al Barakah — AHU/FCU, Ducting, T&C; (Phase 1 & 2)	RCA
8	MOD Shafa — Ceiling Suspended & Package AC, GI Ducting	MOD
9	RAFO Ghala — 2 AHU, Package AC, GI Ducting, T&C;	RAFO
10	ROP Khaboura Police Station — Package AC, GI Ducting	ROP
11	Civil Services Pension Fund — 150 VRF Ducted, Ducting	CSPF
12	Technical College Al Khuwair — 128 Ceiling Suspended Split AC	Min. of Manpower
13	ROP Accommodation Suwaiq — 200 Wall Split, 70TR Package, Ducting	ROP
14	SQU — 12 FCUs, Piping, GI Ducting, Diffusers	SQU
15	Financial Services Building CBD — 120 Cassette/Ducted Split AC	FS Building
16	Royal Hospital — 160 Wall Mounted Split AC	Royal Hospital
17	PDO Qurum — 120 VRF Ducted Units (320 HP)	PDO
18	Bait Al Zubair Museum Phase IV — 50 VRF Ducted (160 HP)	Bait Al Zubair
19	Commercial Building Azaiba — 250 VRF Ducted (938 HP)	Private
20	Al Habib Commercial Building Ghobra — 175 VRF Ducted (660 HP)	Al Habib
21	Royal Office Building Ghobra — 180 VRF Ducted (710 HP)	Royal Office
22	PDO Qarnalam — 4 AHU, 14 Floor-Standing AC, GI Ducting (80TR)	PDO
23	Lulu Accommodation Al Khuwair — Carrier VRF (450 HP)	LULU
24	Muscat Grand Mall — Pre-insulated Ducting, FCU, CWP (Multiple Tenants)	Various
25	Avenue Mall — 14 FCUs, Chilled Water & Ducting	Various
26	Muscat City Centre (Seeb) — H&M;, BBW, Victoria Secret, NEXT	Various
27	Salalah Mall — Pre-insulated Ducting, FCU, CWP (Multiple Tenants)	Various
28	Royal Opera House — FCU & GI Ducting (7 Shops)	Various
29	Atlas Star Hospital — 30 Ducted Splits & Ducting	Atlas Hospital
30	Apollo Hospital — Ducted Split Units & Ducting Works	Apollo Hospital

31	Lifeline Hospital Salalah — 16 FCUs, 2 AHUs, Ducting	Lifeline
32	Al Khabat Hypermarket Saham — 4x50TR Package Units, GI Ducting	Al Khabat
33	Fathima Hypermarket Muladha — 20 Ducted Split AC	Fathima Hypermarket
34	Bank Muscat / NBO / Ahlia Bank — 350 Nos AC, Various Branches	Banks
35	Muriya Salalah — Wall Mounted & Ducted Split AC	Muriya
36	Khimji Warehouse Barka — Pre-insulated Ducting for Ducted Splits	Khimji
37	MOD Technical College Rafo Seeb — Full MEP Works	MOD
38	Frontier Camp Package 2 — Full MEP Works	MOD
39	ROP Police Station Khaboura — Electrical & Plumbing Works	ROP
40	Royal Court Ladies Prayer Hall — MEP & Structural Works	Royal Court

<p>200+ Projects Completed</p>	<p>6+key Sectors</p>	<p>25+Years Experience</p>	<p>100%Quality & Safety</p>
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From the Archives, 2005

CONTACT US

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Website



WhatsApp



Instagram



HVAC | MEP | HAS Specialists

Building posterity with a legacy of staying up to mark!

Quality on Time, Every Time

