



MDA Consulting Quantity Surveyors & Project Managers

International Company Profile & Project Experience In Sultanate of Oman





HSBC Tower
London



North Greenwich
Transport Interchange



Henry Wellcome Bldg
University of Leicester



ASRS Warehouse
Mechelen, Belgium



Wimbledon
Tennis Courts



Rasin Building, Prague



Hornsey St (HNS)
London

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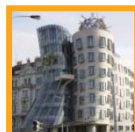
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MDA Consulting provides professional services to the property and construction industries. We have at the core of our company a culture of **innovation, collaboration** and most importantly, an understanding of how to fulfil and **exceed our clients' expectations**.

We work in a **structured** manner that ensures we **deliver** projects within a planned **process**, which brings order and mutual understanding, providing space for all of us to be more creative, and **to question** where we can all improve.

Our philosophy is simple: our teams should make **distinctive, substantial** and **lasting improvements** to our clients' properties and businesses. We have achieved this by developing a **vibrant** company, which attracts and retains **exceptional people** with a strong work ethic.

Together with its associated consultant firms, the group employs approximately 200 professional and administrative staff around the world.

These extensive resources enable the group to undertake the largest and most complex of projects in virtually any geographic region of the world and in every sector of commerce, industry and public works. The group and its associated firms have undertaken professional commissions in over 100 countries.

In addition to our core services of Quantity Surveying, Project Management, Building Surveying and Dispute Resolution Consultancy, MDA provides specialist techniques to enhance the value of developments. Such techniques include risk analysis and assessment, value management, value engineering and maintenance management.





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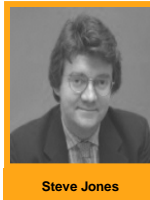
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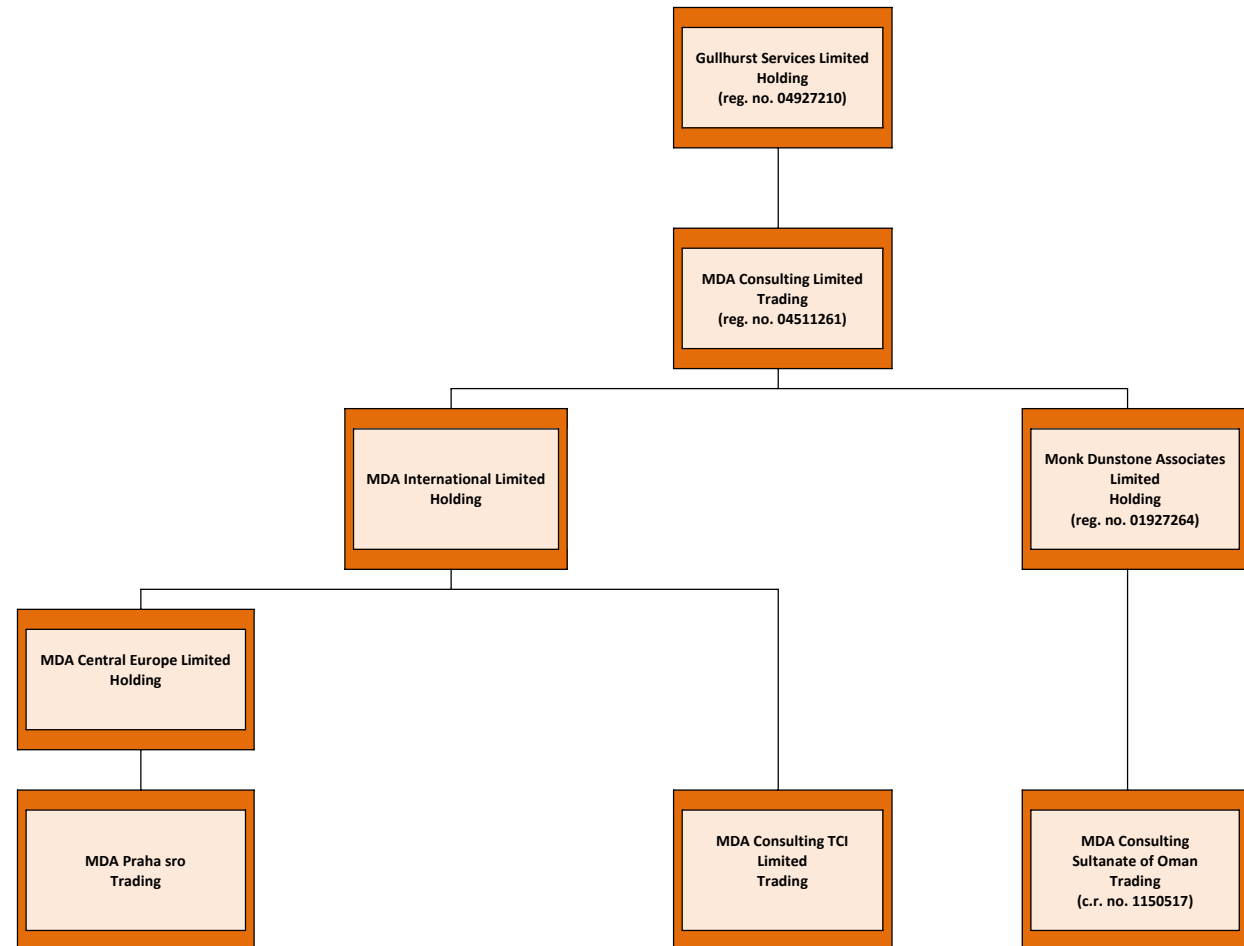
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COST MANAGEMENT

Quantity Surveying

Full construction cost consultancy services including preliminary cost advice, approximate estimates, cost planning of design and alternatives, advice on tendering procedures and contractual arrangements, preparation of tender documents, selection of contractors and obtaining tenders, valuation of work in progress, cost management and final account settlement.

Cost Management, Recording and Planning

Establishment of systems and preparation of reports prior to and throughout the construction period to enable budgets to be followed or adjusted to accommodate change/variation orders. Cost recording on cost reimbursement contracts. Preparation of monthly progress evaluations and forecasts of final cost.

Services for Contractors

Estimating, tender advice and documentation, contract documentation, construction auditing, administration of sub contractors, post contract cost management, re-measurement and final account preparation.

Analysis of Bid-Tender Documents for Turn-Key Projects

Assistance to contractors in bidding including scheduling and resourcing labour, plant and materials and preparation of bills of quantities or other forms of quantification. Investigation of local costs, construction methods and logistical problems.

PROJECT MANAGEMENT

MDA provides Clients with a range of management solutions for property and construction projects of all sizes and complexity.

Co-ordination and management of the entire design and project team from inception to completion, encompassing planning, co-coordinating and monitoring costs and the design and construction processes.

Site Appraisals

Assisting in the definition of location parameters including corporate strategy, environmental impact, communications and space requirements and (re) location cost benefit analysis.

Identification of opportunities and provision of comparative evaluation against defined criteria including cost, regional/development grants/allowances, development viability, workforce availability and planning law.



PROJECT MANAGEMENT

Construction Programme Scheduling and Advance Procurement

Preparation of network analyses and cash flow charts. Monitoring of pre-contract and subsequent site progress to alert all parties to potential delays to enable remedial action to be taken. Arrangements for the procurement of materials and components.

Building Surveys

Structural and condition surveys of buildings and sites for all development and management purposes.

Building Surveying

Space planning and procurement services for refurbishment, fit out, conversion, extension and alteration of all building types using traditional and non-traditional procurement methods including preparation, submission and negotiation of planning, building control and fire risk assessment applications. MDA's surveyors also specialise in procurement of conservation works and works in relation to listed buildings and buildings of historic importance.

QUANTITY SURVEYING AND ENGINEERING SERVICES

Design/Cost Evaluation

MDA has professional M&E services Cost Managers who genuinely add value throughout the design and construction processes. Good services advice at the early strategic stage of a project is invaluable as M&E is such a large proportion of any project, both physically and financially.

Environmental/Sustainability Considerations

MDA's approach to sustainability is to become involved in the building design process from inception. Involvement from early stages of design allows incorporation of sustainable features and improvement in a building's energy performance. MDA can facilitate the provision of advice on environmental sustainability, BREEAM Assessments, renewable & low carbon energy studies and their effects on design. MDA can provide Sustainability and Energy Assessments, including SBEM and SAP calculations for Planning Submissions to comply with Part L of Building Regulations and local renewable energy targets.



PROJECT MONITORING

MDA's Independent Project Monitoring Service provides confidential appraisals, comprehensive investigations and due diligence reports for funding institutions, developers, building owners and contractors.

By reporting on the development appraisal, build cost, suggested construction programme, tender and contract procedures, insurances, quality control processes, design economics and risk, we are able to monitor closely the delivery of agreed contractual arrangements.

MDA's experienced construction professionals regularly report on progress from site visits, comment on management accounts and cash flow projections, anticipated final costs, maintenance of loan conditions and updating sales data.

MDA aims to build success through innovation, enthusiasm and to enhance the overall knowledge and skill of the team.

SPECIALIST COST CONSULTANCY

Dispute Resolution

MDA's Dispute Management Service Team comprises industry experts with experience in all aspects of litigation and arbitration. We have worked with all the major construction lawyers in the UK. We have also worked on significant projects in a number of overseas markets.

Risk/Value Management

MDA's specialists introduce techniques to enhance value including risk analysis and assessment, value management, value engineering, life cycle costing and maintenance management



INTEGRATED RESIDENTIAL CONSULTANCY

MDA is one of the leading UK Residential Consultants with extensive experience in both private and social housing sectors, having completed some 100,000 dwellings with an estimated current day value in excess of £5 billion.

MDA's multi-disciplined residential team comprising Employer's Agents/Project Managers, Cost Consultants, Construction Inspectors and Defects Managers can provide advice, support and professional services at all stages in the life cycle of a housing project, from site evaluation, sustainability advice and feasibility studies to defects management and planned maintenance.

MDA has particular expertise in working with Registered Social Landlords (RSLs) and Private Developers on mixed use new and regeneration developments to provide sustainable communities and on developments where RSLs work in partnership with private housing developers.

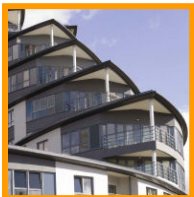
MDA fully supports and embraces the changes that have taken place within the construction industry championed by Sir John Egan and we have significant expertise in partnering, supply chain management and modern methods of housing construction.

E-BUSINESS

Clients with requirements for procuring goods and services on framework arrangements have used MDA's Corporate Support Service. Similarly, private clients wishing to maximise opportunities available through their supply chains have also noticed significant advantages from using these services.

MDA can provide:

- E-Tendering Services
- Extranet Hosting
- Multiple tender documentation production
- Tender and procurement support
- Knowledge and Information Management
- Electronic data exchange
- Online contract drafting



Project	Year	Cost (RO)	Employer	See also
Marine Base at Sidab	1977-78	n/a	Royal Oman Police	Page 26
Flats in Tuyan for Police Officers	1978-79	n/a	Royal Oman Police	
Maidan Al Fateh at Wattaya - Page	1978-80	20m	Royal Oman Police	Page 25
Villa for HH Sayyid Tarek bin Taimur Al-Said	1977-78	n/a	Palace Properties Office - later the Diwan of Royal Court	Page 24
Royal Stables at Seeb for HM Sultan Qaboos	1977-79	3m	Palace Properties Office - later the Diwan of Royal Court	Page 24
Various Phases of Offices at Mina Al-Fahal	1977-84	4.5m	Petroleum Development (Oman) LLC	Page 25
Restoration of Portuguese Fort at Jabrin - Prime Cost interim valuations	1977-78	n/a	Ministry of National Heritage & Culture (HH Said Faisal bin Ali Al Said)	Page 24
Four Phases of Executive Villas at Ras Al-Hamra	1977-82	n/a	Petroleum Development (Oman) LLC	
MORDA - New Headquarters Building in Tuyan, Muscat	1978-80	2.4m	Ministry of Royal Diwan Affairs	Page 24
Force Base Hospital at Muaskar Al-Murtafa'a	1982-84	1.7m	Ministry of Defence (Engineering Division)	
CBO - New Headquarters Building in CBD in Ruwi valley	1978-80	n/a	Central Bank of Oman and CE&A: Design Group	Page 23
Maidan Al Fateh at Wattaya - Phase 2 Works	1980-82	5m	Royal Oman Police	
Barracks, Mess and Stores (Phase 2) at Seeb	1980-81	2m	Royal Guard Regiment	Page 27
Motor Transport Store and Motor Cycle Garage at Seeb	1981-82	600k	Royal Guard Regiment	
Force Base Medical Store at Muaskar Al-Murtafa'a	1982-84	n/a	Ministry of Defence (Engineering Division)	Page 29
Housing Township at Rusayl for Cement Company employees	1981-83	8m	Oman Cement Company	Page 29
SOAF - Officers' Mess at Raysut, Dhofar	1982-83	800k	Ministry of Defence (Engineering Division)	Page 34
SOAF - Firqat Force Headquarters Phase 1 - Sahalnawt Cliffs, Dhofar	1978-81	2m	Ministry of Defence (Engineering Division)	Page 25



CONSULTING

Project	Year	Cost (RO)	Employer	See also
Ras Mussandam Al-Bahriyya - Additional Works (Goat Island)	1981-84	5m	Ministry of Defence (Engineering Division)	Page 29
Ministry of Defence Headquarters - Qurum on MQ Back Road [Scheme cancelled]	1980 - 82	n/a	Ministry of Defence (Engineering Division)	
SOAF - Battalion Camp at Ibra	1980 - 85	23m	Ministry of Defence (Engineering Division)	Page 26
SOAF - Battalion Camp at Ibri	1981 - 85	25m	Ministry of Defence (Engineering Division)	Page 26
SOLF Improvements at Thmrait, Dhofar	1980 - 85	17m	Ministry of Defence (Engineering Division)	Page 26
SOAF - Firqat Force Headquarters Phases 2 and 3 - Sahalnawt Cliffs, Dhofar	1982 - 85	2.5m	Ministry of Defence (Engineering Division)	
Sultan's Armed Forces Museum - Bait Al-Falaj [Built in 2 Phases]	1983-85	900k	Ministry of Defence (Engineering Division)	Page 31
Rebuilding of Muscat City Wall	1982-83	2.2m	Royal Oman Police	Page 27
Senior Officers' Housing at Qurum	1983-84	n/a	Royal Oman Police	
Extensions and Headquarters Block at FHQ Qurum	1983-85	8.2m	Royal Oman Police	Page 26
ROP Senior Officers' Housing Development	1984-85	2.1m	ROP Pensions Trust	
Bausher Stadium and Sports Complex	1983-85	45m	Ministry of Education and Youth Affairs	Page 27
630-Bed Royal Hospital and Staff Housing at Ghubra	1983-86	86m	Ministry of Health	Page 28
New Orthopaedic Wing at Khoula Hospital in Wattaya	1983-86	4m	Ministry of Health	Page 29
Other Ranks' Mess at Seeb	1983-84	n/a	Royal Guard Brigade	
Expansion of SOA at Sahalnawt, Dhofar	1983-84	700k	Ministry of Defence (Engineering Division)	
Mess and Store at Robot, Dhofar	1983-84	n/a	Royal Guard Brigade	
Offices and Clinic at Mina Al-Fahal	1983-84	n/a	Petroleum Development (Oman) LLC	

Project	Year	Cost (RO)	Employer	See also
60 Two-Storey Houses at Ras Al-Hamra	1985-86	2.5m	Petroleum Development (Oman) LLC	
30 Two-Storey Houses at Ras Al-Hamra	1985-86	1.5m	Petroleum Development (Oman) LLC	
Training Centre at Mina Al-Fahal	1985-86	1.2m	Petroleum Development (Oman) LLC	
Permanent Camp for Oil Production at Nimr - Amal [Pre-Contract Stage Only]	1983-84	3.1m	Petroleum Development (Oman) LLC	Page 29
Permanent Camp for Oil Production at Lekhwair [Pre-Contract Stage Only]	1984-85	3.2m	Petroleum Development (Oman) LLC	Page 29
Permanent Camp for Oil Production at Yibal [Pre-Contract Stage Only]	1984-85	circa 3m	Petroleum Development (Oman) LLC	Page 29
Permanent Camp for Oil Production at Qarn Alam [Pre-Contract Stage Only]	1984-85	circa 3m	Petroleum Development (Oman) LLC	Page 29
Villa at Seeb for HH Sayyid Shabib bin Taimur Al-Said [Pre-Contract Only - Project not built]	1984-85	not built	Diwan of Royal Court Affairs	Page 32
Engineering Services (ME&I) Term Contract Tender Documentation for Oman	1984	Call-off Contract	Petroleum Development (Oman) LLC	Page 34
Extensions to Ministry of Public Administration at Al-Khuwair	1984-85	1.4m	Ministry of Royal Diwan Affairs	
Building Maintenance Contract Term Contract Tender Documentation for Oman	1985	Call-off Contract	Petroleum Development (Oman) LLC	
Various Oilfield Compressor Stations, Gathering Stations and Flow line Hook-ups. Pre-Contract stage only.	1982-85	Various	Petroleum Development (Oman) LLC	
Housing at Sogex Hill, Qurum [Project not constructed]	1984	5.5m	Suhail & Saud Bahwan	
Prestige Villa for Mr Suhail Bahwan at Sogex Hill	1986	1.3m	Suhail & Saud Bahwan	

Project	Year	Cost (RO)	Employer	See also
Offices at Mina Al-Fahal	1984	400k	Shell Markets (Middle East) LLC	
Accommodation and Mess at Muaskar Al Murtafa'a Camp [post contract only]	1983-84	2.8m	Ministry of Defence (Engineering Division)	
Head Office Building in Muscat	1985-86	550k	Alawi Enterprises LLC	Page 32
Al Asma bint Alawi Mosque at Qurum [Structure + separate contract for decorative fit-out of shell]	1985-86	2.6m	Alawi Enterprises LLC	Page 30
Naseem Public Park at Rumais	1984-85	700k	Ministry of Royal Diwan Affairs	Page 33
Married Quarters Village at MAM Camp	1985-86	4.3m	Ministry of Defence (Engineering Division)	
Extensions to Directorate General of Finance Offices in Waljat, Muscat	1983-85	1.2m	Directorate General of Finance	Page 26
Repairs and Reconstruction of Mercedes Showroom at Qurum	1988-89	3.2m	Zawawi Trading Company LLC	Page 33
Refurbishment of Main Residence at Bait Al-Barakah	1988-89	5m	Diwan of Royal Court	Page 34
Refurbishment of Al Bustan Palace Hotel Manager's House and other areas	1988-90	650k	Ministry of Commerce and Industry	Page 35
Grain Silos, etc, and civils works associated with the installation of grain handling equipment and storage	1983-84	2.5m	Dhofar Flour Mill Company	Page 32
Oman Dental College - Strategic advice on project completion and settlement of contractual issues	2010-12	3m	Oman Dental College	Page 37
Sawary Centre at Sohar - Procurement and completion of Shopping Mall Finishes	2010-11	300k	Al Mustaqbal Group and MOD Pension Fund	Page 37
<i>Footnote:</i>				
<i>Not a comprehensive list - only projects of which we have records. RO Costs not adjusted for inflation</i>				

UK & International Projects	Year	Cost (£)	Employer	See also
<u>United Kingdom</u>				
GC - Replacement of existing college buildings	2007-08	28m	Gateshead College	
UoL - Residential accommodation for 581 students with ensuite facilities	2006-07	20m	University of Leicester	
BDGH - Phased decanting, refurbishment and upgrading of entire imaging department	2005-06	9m	Barnsley District General Hospital	
Sunderland Hospital Conversion - Existing Building converted into offices, theatres and wards	2005-07	7m	Dunwoodie Architects Limited	
Waldorf Astoria Hotel - London Syon Park - New build 140 bedroom four star hotel	2009-10	30m	The Ability Group	
Dunblane Hydro Hotel, Scotland - Extensive refurbishment of existing four star hotel	2009-10	12m	The Ability Group	
Nom Dairy Facility, Telford - Yoghurt Production Factory - Phase 1	2007-08	16m	Nom International Dairy Products	
Advanced Factory in Ely, Cambridgeshire	2007	2m	JJS Construction for Michell Instruments	
AELTC - Redevelopment of South end of site, including rearranging services infrastructure, relocation of Courts generally and constructing new Courts 2 and 3, which are configured as mini-bowls	2007-10	n/a	All England Lawn Tennis Club	
AELTC - Centre Court Redevelopment over 6 years, including additional and re-spaced seating, retractable rood and expanded Debenture Holdrs; facilities	2003-09	n/a	All England Lawn Tennis Club	
Temple Circus Bristol - New six-storey office building	2007	10m	Kier Western and Cowlin	

UK & International Projects	Year	Cost (£)	Employer	See also
<u>United Kingdom</u>				
BT Leavesden Park Watford - New-build regional administration centre	2002	27m	British Telecommunications plc	
Central London Head Office re-stack - carefully phased modernisation whilst building was in operation	2000-03	65m	British Telecommunications plc	
Packington Estate London - Demolitions and new build of 738 homes for sale, shared ownership and "affordable" housing	1009-11	96m	London Borough of Islington	
Emirates Stadium North London - Affordable Housing regeneration to provide approximately 1200 house units	2005 >	190m	Newlon Housing Trust	
Marriotts Close Witney - Town Centre redevelopment - provision of integrated retail and residential development	2007-09	33m	Simons Developments	
Maidstone Town Centre - Fremlins Walk - Construction and regeneration of town centre retail development	2001-05	60m	Centros Miller	
Jersey Airport Development - Extensive infrastructure works associated with substantial airport expansion	1996-98	26m	States of Jersey - Harbours and Airport Committee	
New En-Route Centre, Swanwick - Largest single build Air-Traffic Control Centre in the world at that time, including highly-integrated services installations and extensive infrastructure works	1990-96	115m	CAA - National Air-Traffic Services	

UK & International Projects	Year	Cost (£)	Employer	See also
<u>International</u>				
Mixed-use development, Brussels - Offices, apartments and retail units	1996-98	16m	Belgium - Immotor	
Rue Josef 2, Brussels - Refurbishment and extension to office buildings	1997-99	19m	Belgium - Banimmo Real Estate	
Larnaca International Airport - New major Terminal Building	1990-94	200m	Government of Cyprus	
University of Cyprus, Nicosia - New University Campus	1991-94	60m	University of Cyprus	
Arena Project, Prague - Major new build mixed-use development	1998-99	70m	Czech Republic - ING Real Estate	
River Diamond, Prague - New build retail and residential development	1997-99	18m	Czech Republic - Serge Borenstein & Partners	
Chateau de Mareille Guyon - Conversion and refurbishment of 18th Century chateau to form residence for Middle East Monarch	2000-02	13m	France - Maladean	
Sheraton Hotel, Munich - Hotel redevelopment and refurbishment	1997-98	35m	Germany - Securum	
Patrae University Teaching Hospital	1996-97	30m	Greece - Ministry of Health	
Constitution Contract, Vilnius - New build mixed-use office tower	1996-97	60m	Lithuania - CEG Group - Middle Europe Investments, Baltic	
Grand Emperor Hotel and Casino	1997-99	37m	Hong Kong - Emperor Group	
Lantau Fixed Crossing - Construction of Tsing Ma Bridge, Knap Shui Mun Bridge and Ma Wan Viaducts and Toll Plaza	1993-98	966m	Hong Kong - Sir William Halcrow & Partners	

UK & International Projects	Year	Cost (£)	Employer	See also
<u>International</u>				
Sydney Airport - Major extension of existing airport terminal building	1995-98	135m	Australia - Kinhill-Stafford Moor & Farrington	
Nepean Teaching Hospital - New services and ancillary buildings and upgrading and restoring of existing retained buildings	1995-96	40m	Australia - Government of New South Wales	
Veranda Grace Bay - Providenciales, Turks & Caicos - New build high quality residential development comprising 134 units	2006-09	40m	Caribbean - for Barclays Bank plc	
Central Bank Building - New build Banking Headquarters	2005-07	30m	Barbados - Barbados Central Bank	
New Louvre Museum - World-class museum initiated by Government to Government between Abu Dhabi and France	2009<	450m +	Abu Dhabi - Ateliers Jean Nouvel Architects	Page 39
National Museum - World-class Military museum in extensive Doha Culture City development	2009<	350m +	Doha, Qatar - Ateliers Jean Nouvel Architects	Page 39
<u>Footnote:</u>				
<i>Not a comprehensive list - only projects of which we have records. £Stg. costs not adjusted for inflation</i>				

MDA (Middle East) was registered and operated as Quantity Surveyors in the Sultanate of Oman from 1975 until 1991. From 1983 until our departure in 1991, MDA was sponsored by Alawi Enterprises, through their offices in Muscat.

MDA firstly operated from offices in Muscat, adjacent to the British and American Embassies, but in 1979, we moved to Mutrah High Street. After 1987, the remaining staff moved to offices in Hatat House. At various times when workload was substantial, MDA had another main office in Salalah and site offices in Thumrait, Ibra and Ibri.

In 1980, Mike Jewell was appointed to manage the business and this coincided with a substantial increase of general workload in the country, particularly military and oil related works. Staff numbers peaked at about 25 in 5 locations by 1983, but in 1986 there was a drastic reduction in oil prices, which caused a general diminution of workload and fee levels. By the middle of 1987, many of the UK expatriates returned home. Following this, Maurice Low managed the business until 1991, working on a variety of minor oil-related projects and several minor projects for the Diwan of Royal Court Affairs.

MDA's Clients in Oman have included:

Petroleum Development (Oman) LLC : Palace Properties ... later the Diwan of Royal Court Affairs : Ministry of Royal Diwan Affairs : Royal Oman Police : Ministry of Defence : Ministry of Health : Ministry of National Heritage and Culture : Ministry of Education and Youth Affairs : Directorate General of Finance : Royal Guard Regiment/Brigade : Alawi Enterprises : Zawawi Trading Company : Oman Cement Company: Bahwan Trading Company

MDA Consulting has registered again for work in Oman in 2012 and is fortunate to have appointed Mohamed Zaher Al-Mawali as Executive Director. Mohamed is an Omani Quantity Surveyor with more than 25 years of experience in the local market.

Our target market in Oman is Clients that are looking for a reliable procurement strategy, whereby tenders are obtained with accurate quantities that form part of the Contract Documentation. MDA Consulting also provides full Post-Contract Services with Interim Valuations, periodic Financial Reports and agreement of Final Accounts.

MDA is established in Oman as an integral part of the Link Group of Professional and Contracting Companies. This provides significant opportunities for strategic collaboration on internal developments, but MDA will not operate silently for other Clients under any circumstances where this relationship might give rise to a conflict of interest.

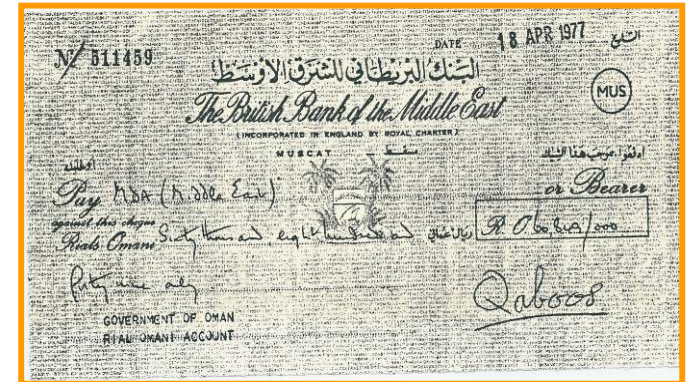


MDA's Project experience in the 1970s and 1980s was substantial and varied over a period of 16 years and this included the following projects:-

- Central Bank of Oman in the CBD in Ruwi – The construction by Mothercat of the new Central Bank building, containing secure storage, a main banking hall and extensive multi-lingual conferencing facilities. Precast Concrete cladding panels were imported from Belgium and these gave the building its unique appearance. We worked as sub-consultant for a large German consultant, which provided all other services direct to the Central Bank.
- Because of its solitude, this was a landmark building in the Ruwi valley for many years, but it has now been replaced by a much larger CBO Headquarters building within the busy Ruwi CBD area.



- Villa for Said Tarek bin Taimur al-Said at Seeb, for the Diwan of Royal Court Affairs – this was a luxury villa for a prominent member of the Royal Family, including full fit-out and site landscaping and development works.
- Expansion of facilities at the Royal Stables, Seeb for His Majesty Sultan Qaboos bin Said Al Said and the Ministry of Royal Court Affairs. The Project included the construction of stable blocks and other associated buildings, together with site development works. Some of MDA’s fee cheques for the work were signed by HM the Sultan himself.



- Restoration of the ancient Portuguese fort at Jabrin for the Ministry of National Heritage and Culture. The work was carried out on a prime cost basis under the direction of the Minister, HE Sayyid Faisal bin Ali Al-Said and his specialist advisor from UNESCO.
- Ministry of Royal Diwan Affairs Building, Muscat – Ministry Building with high quality finishes and all site development works designed by Roy Lancaster Associates. MDA acted as sub-consultant for all quantity surveying services.



- Offices at Mina al Fahal for Petroleum Development (Oman) LLC - 6 phases of new office blocks, during the late 1970s and early 1980s, complete with elevational shading features and fairly simple central air-conditioning systems.
- Maidan al Fateh Arena for the Royal Oman Police – The National Parade Stadium was constructed for Military Parades and opened for the National Day Celebrations in 1980. It was also used on other special occasions and hosted Military Tattoos which were staged for public entertainment. There is terracing on all 4 sides and the main arena area is much larger than that of a football stadium.
- Firqat Force Headquarters at Sahalnawt Cliffs, Salalah, Dhofar for SOAF and the Ministry of Defence. A stand-alone army camp with all sustaining facilities for the Firqat, which was a local irregular Regiment, used to defend the region from unruly forces. The project was designed by Triad Oman and constructed in two discrete phases by Shanfari & Partners from Salalah.



- Three Battalion Camps for SOAF and the Ministry of Defence, including barrack blocks, messes, communication and command centres, transportation buildings and armouries. The projects were built in isolated desert areas and included water well fields, water pipelines and storage, base load generation and sewage treatment. Aggregates for all reinforced concrete work were screened or crushed from local wadis and this minimised transportation costs. Similarly, all blockwork was made on site to international standards. Each of the sites, which were at Ibra, Ibri and Thumrait in Dhofar, contained well in excess of 100 buildings and were like small towns.
- Marine Base at Sidab for the Royal Oman Police – A maintenance facility for the ROP Motor Patrol Boats and the work included a side-operated ship lift. The project included extensive sea defence features with very large doloses and rock armour.
- Extensions to the Force Headquarters Building at Qurum for the Royal Oman Police – this was to expand facilities for offices and to accommodate their IT systems.
- Extension of Headquarters Office Building in Muscat for the Directorate General of Finance. The project was well designed and built, so it still looks nearly new despite being over 25 years old.



- Barracks and Stores at Seeb for the Royal Guard Brigade. This provided accommodation for the Royal Guard soldiers at Seeb Palace. We also carried out works for the Royal Guard at the Salalah Palace, under the direction of their commanding officer, Brigadier Harcourt.
- Partial reconstruction of the Muscat City Wall for the Royal Oman Police, including associated landscaping works and re-building one of the main Gate-Houses at Bab Walja.
- Construction of Football Stadium and Sports Hall at Bausher for the Ministry of Education and Youth Affairs. This was built to host the Arab Football Games. The project was tendered, but after several months of construction work, our principal who was the design architect, Roy Lancaster Associates, resigned their commission and we had to terminate our involvement with them. After project completion, there was a dispute and MDA was employed to take part in mediation involving the contractor and consultants, managed by T J Cocks & Associates for the Ministry of Finance.



- The Royal Hospital for the Ministry of Health at Ghubrah – This country-changing facility was a 630-Bed Full Turnkey Development by George Wimpey International, designed by Percy Thomas Partnership and funded by the British Government through ECGD/Morgan Grenfell. The scheme, which was built in three years, also included all houses and apartments for Doctors, Nurses and other expatriate staff, together with a Mosque, club and sports and entertainment facilities. MDA was QS and Employer’s Agent, reporting on progress personally each month to His Excellency the Minister of Health, Dr Mubarak al Khadoori.



- Force Base Military Store for the Ministry of Defence at Muaskar al Murtafa'a'. Central Stores building for Army hospitals and clinics throughout the Sultanate.
- Ras Mussandam al Bahriyyah - Naval Base with full accommodation adjacent to the Straits of Hormuz. Facilities and barracks were constructed for the Navy in a difficult location. A large proportion of the construction materials were delivered to site by landing craft.
- Housing Complex at Rusayl for Oman Cement Company. A cement works was constructed to provide for the needs of Oman's construction industry and MDA was the QS for this small township complete with all support facilities for the expatriate and local workers.
- Orthopaedic Wing and CSSD Unit at Khoula Hospital for the Ministry of Health – a Full Turnkey stand-alone facility, providing operating theatres, sterilisation facilities and wards for this section of Oman's medical infrastructure.
- Desert Camps for Petroleum Development (Oman) LLC – The local oil company required 4 fully facilitated desert camps at Marmul, Qarn Alam, Natih and Yibal for oilfield staff of all grades and nationalities. The work included utility services, messes, stores, offices and staff accommodation.
- Executive Housing at Mina al Fahal for Petroleum Development (Oman) LLC – Large villas and houses for top Management, built in numerous phases, totalling in excess of 100 houses over a period of 6 years. The housing was of high quality, with central air-conditioning systems and general site landscaping.



- Al Asma bint Alawi Mosque for His Excellency Qais bin Abdulmunim al-Zawawi at Qurum – the work was carried out as two discrete sections of work, being the structure and external envelope (complete with a unique clock on the minaret) and the internal fitting out. Internal fit out was executed separately to a Moorish style and a team of Moroccan artisans was brought to Oman and carried out the work. The main contractor set up all living facilities and all raw materials were imported from Morocco. All shaping and composing of ceramic work was carried out on site, to produce the decorative mosaic panels. Ceilings were moulded, shaped and painted from gypsum, using basic tools and lining in by eye. Work was paid for on the basis of a monitored and managed prime cost sum. Wimpey Alawi LLC acted as the managing contractor.



- Restoration of Fort and visitor facilities for a Military Museum at Bait al Falaj for the Ministry of Defence. The Fort, which was at the heart of the MOD's Headquarters, had suffered from unsympathetic development, over the years, with lean-to extensions and other tasteless short-term development. In addition, the damp had affected the base of the building fabric, so chemical DPCs were installed and the whole building restored to its former glory. Visitor facilities were accommodated in a separate building.



- Grain Silos for the Dhofar Flour Mill Company, in Salalah with contractor Shanfari & Partners. The work scope consisted of steel silos, grain handling equipment, foundations work and all associated buildings and services.
- Police Stations for the Royal Oman Police at Haima and another station in the Qara region of Dhofar – these facilities faced the Rub al Khali and were designed as fortified outstations. Walls were very thick and double-skinned, with cavities filled with dry sand for defensive purposes. MDA provided quantity surveying services to Yahya Costain, which was the appointed building contractor.
- Villa for HH Sayyid Shabib bin Taimur al Said at Seeb – Cost advice for a luxury African-styled villa with extensive site development works, including a Ha-Ha, to provide security and an uninterrupted view of the sea.
- New offices in Muscat for Alawi Enterprises LLC – Prestige fully fitted office development in Muscat for the trading company of His Excellency Qais bin Abdulmunim al-Zawawi.



- Muscat Water Project - Large diameter ductile iron water supply main and concrete storage tanks in jebel area adjacent to Riyam to supply water to Muscat. The work included the sensitive incorporation of the pipes into the sea front/Corniche development in Mutrah, together with cathodic and sleeved protection for the pipes.
- Naseem Gardens, Seeb-Sohar Road – Sundry building works around the site and creating a plant nursery and general landscaping works for a public park for the Ministry of Royal Diwan Affairs.
- New Mercedes Workshops and Showrooms for Zawawi Trading Company at Qurum – Complete facilities for car main dealership and all external works and services, built adjacent to the main wadi at Qurum/Wattaya.



- Compressor Stations for Petroleum Development (Oman) LLC – Tender documents were produced for these stations, to enable PDO to obtain fixed price lump sums for this work, rather than paying for them on a prime cost basis, which is what they had done previously.
- Flow line hook-ups for Petroleum Development (Oman) LLC - Similarly, we provided fully-measured documentation for the connections from the well heads to the compressor stations to produce fixed price lump sums for the work. The scope of work involved all mechanical, electrical and instrumentation work associated with these installations.
- Sergeants’ Mess at Raysut for Ministry of Defence. A unique building for the Sultan’s Armed Forces, built on the coast in the Dhofar Region near Salalah.
- Upgrading of Main Residence at Bait al Barakah for the Diwan of Royal Court Affairs – this is one of HM the Sultan’s most secluded properties on the coast in the Seeb area. All work was designed by Arabian Architect Rana Vision to raise the prestige of the property and the work was carried out to the highest standards.



- Refurbishment and upgrading of the Al Bustan Palace Hotel for Intercontinental Hotels and the Ministry of Royal Diwan Affairs. Refurbishment, renewal and upgrading of facilities, including new staff quarters, new marble floors, new carpets, signage and furniture.



- Providing Technical and Construction Advice to Oman Dental College for their new Headquarters and College building at Wattaya. The project is on 5 floors and provides lecture theatres, laboratories and a large number of fully functional dental chairs for the training of dental students.



- Shopping Mall Finishes to the Sawary Centre at Sohar for the MOD Pension Fund – MDA produced Bills of Quantities for the purposes of obtaining a tender for the Mall Finishes. We then investigated and implemented savings options for the Mall to reduce costs. In the construction stage MDA prepared interim valuations for the work on site.



- The New Louvre Museum in Abu Dhabi – A new-build world class museum building, developed through a Government to Government collaboration between Abu Dhabi and France, which will bring world renowned artifacts to the Gulf by exhibit rotation. The Museum contains 24,000m² of gallery space, designed by Atelier Jean Nouvel, which is a signature Architectural practice from Paris. The building will be part of the Cultural Quarter of the Saadiyat Island development.



- The New Military Museum in Qatar is a large building, arranged as low lying, intersecting pavilions which comprises 40,000m² of indoor space, including 8,000m² of permanent gallery space and 2,000m² of temporary gallery space. There is also a 220 seat auditorium, a 70 seat food forum, a TV studio, two cafes, a restaurant and a museum shop. MDA is providing a pre-contract cost consultancy service on this; our second imaginative and prestigious project with Atelier Jean Nouvel in the Middle East.







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