

CURRICULUM VITAE

DAVID ALUN ROBERTS - MSc, FCIArb, FFB, FQSI, MRICS, MACostE, MCIQB,
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AREAS OF EXPERIENCE: - Acting for or employed by Developers, Clients, Contractors and Sub-contractors (including Contract Drafting/ EU Procurement Compliance/Advising on Procurement and Contracting and Commercial Strategy and Risk Management /Tender Evaluation/Negotiating/Administration/Claims/Final Accounts/ Counter Claims/ Insurance Claims/Expert Witness/Project Management/Arbitration/ ADR/Mediation/Adjudication)

Building: Hotels, Railway Stations, Port and Harbour Building, Airport Buildings, Housing, Flats, Schools, Hospitals, Prisons, Luxury Villas, Leisure Centres, Shopping Centres, Health Centres, Offices, Piling, Ground Works

Civil/Heavy Engineering: Nuclear Power Station, Power Stations, Railways, Port/Harbour, Sea Defences, Outfalls, Roads, Loading Terminals, Jetties, Piling, Pipelines (Oil, Gas, Water, Sewage, etc.), Sewage Treatment Plant, Cement Plant, Factories, Telecoms, Power Distribution, Reservoirs, Tunnels, Diving, Onshore Chemical Plants, Offshore Wind Farms

Oil & Gas/Petro-Chem: On and Offshore Projects (Integrated Topsides, Gravity Based Structures, Modules – Process/Power/Control/Accommodation/ Helidecks, Jackets, FPSOs, Subsea, Pipelines, Hook-up, Hydrographic Surveys, Well Stimulation, Drilling, Diving, Maintenance, Engineering, Operating, Alliance and Incentivised Contracts, North Sea, Ice areas, Middle/Far East, North Africa and US, LNG Terminals (import and export), Gas Processing Facilities, Marine Services, etc.

**Mechanical/Electrical/
HVAC/Environmental:** Hotels, Railway Stations, Port and Harbour Building, Airport Buildings, Housing, Flats, Hospitals, Prisons, Luxury Villas, Leisure Centres, Shopping Centres, Offices, Town Heating Systems

Others: Ship building contracts, Charter Parties, CoA, Marine Services, Well Intervention Services, Purchase Orders, Rental/Hire/Lease agreements, Joint Venture Agreements, Crossing/Tie-in/Transportation agreements, Property leases, Franchises, IP

COUNTRIES

Worked in:

United Kingdom (Most Areas), Indonesia (Java and Sumatra), Saudi Arabia (East and West Coast), Bahrain, Oman, Dubai/Shajh, Qatar, USA, Holland, Denmark, Peoples Republic of China, Hong Kong (New Territories), Russia and Egypt

Dealt with:

Korea, Japan, Germany, Singapore, France, Italy, Spain, Portugal, Denmark, Norway, Sweden, FSU, Canada, USA, Mexico, Australia, Nigeria, Israel, Gaza, Egypt, Tunisia, Malaysia, Chile, Bolivia, Papua New Guinea, Trinidad and Tobago, Mexico, Papua New Guinea, Kazakhstan, France, Angola and Algeria

SUMMARY OF QUALIFICATIONS AND EXPERIENCE TO DATE

TECHNICAL EDUCATION

- Willesden College of Advanced Technology, London
- Manchester School of Building
- Ellis School of Building, Worcester
- St Albans College of Building,
- Thames Polytechnic, Chiswick, London
- King's College, London University

QUALIFICATIONS

- MSc (Construction Law and Arbitration)
- Graduate of the Institute of Quantity Surveyors
- Fellow of the Faculty of Building
- Fellow of the Chartered Institute of Arbitrators
- Member of the Royal Institute of Chartered Surveyors
- Member of the Energy Institute
- Member of the Chartered Institute of Building
- Member Association of Cost Engineers
- Member of the Institute of Petroleum
- Member of the Institute of Architects and Surveyors
- Fellow of the Quantity Surveyors Institute
- Associate Member of the Chartered Institute of Purchasing and Supply

REGISTRATIONS/MEMBERSHIPS

- Consultant: Institute of Petroleum
- Expert: Register of Expert Witnesses
- Member of The Adjudication Society
- Chartered Arbitrator
- Chartered Builder
- Chartered Institute of Purchasing and Supply
- Party Representative listing with NSCC
- Member of The Society of Construction Law
- Member of LCIA (on panel)
- Accredited Mediator (CI Arb)
 - Chartered Mediator
- Chartered Surveyor
- Member of AICA Party Representative listing
- MASI accredited as Project Manager and as a Surveyor

ADDITIONAL STUDIES

- CI Arb; Mediation Course
- CI Arb Adjudication Course
- CI Arb, International Arbitration Award Writing Course and Exam (Barcelona)
- Computer Techniques, Planning, Claims, Structural Engineering
- Effective Supervision Techniques, TQM Course, CI Courses, Shell PMIS Contracts Computer Course
- Contracts NEC, CC Wks/GC Wks, FIDIC, CRINE, JCT, IChemE, ICC
- Lotus 123/Freelance/All In One/At Base/DW4/Scribble/Analyse/PROFS/Word/Excel/
- Powerpoint and the use of the Internet
- PETANS Survival Course, Environmental Awareness Course/First Aid/CDM
- Train the Trainer

AWARDS

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|-------------------------|------------|---------------|
| LIQB (now ACIOB) Exams: | Quantities | - Distinction |
| | Services | - Credit |
| | Management | - Credit |

CAREER RECORD AND EXPERIENCE TO DATE

July 1982 to March 2000 and February 2004 on

In practice, assignments both direct and via various agents. Dealing with final accounts, claims and expert witness for various clients on and offshore oil, gas, petro-chemical, building civil engineering, facilities management and M & E related contracts in addition various expert

witness assignments, claims assistance, adjudication and arbitration advice for a variety of parties and small solicitors (see **Assignments** for details)

Commissions to date within the United Kingdom include works for:

- RSK ENSR
- Grain LNG Limited

- Centrica
- Network Rail
- Shell UK Exploration and Production
- British Gas
- Marathon
- Conoco
- McAlpine Humberoak (now KOGS)
- Cape Contracts
- Cape Spray Division
- BKI
- Matthews Engineering
- Sea and Land Pipelines
- AMOCO
- KYE
- Saipem SpA
- EMC
- BP Chemicals
- BP Angola
- Rider Hunt International
- Trinick
- Trett Contract Services
- ABB
- AMEC
- Rowe and Maw
- Gouldens
- Amerada Hess
- W T Hills
- Halliburton
- Brown & Root
- KBR
- MOD
- Brewer Consulting
- BG International
- BG Group
- BG Egypt
- Dragon LNG Limited
- National Grid Transco
- Burullus
- Rashpetco
- Methane Services Limited
- Petronas/Petgas

Overseas works include:

- a viability assessment on various operating units for Balfour Kilpatrick International (Part of the BICC Group).
- contractual advice, claims and final accounts for contractors on contracts for the Qatar and Dubai Governments, GOIC, QGPC and the Chartered Bank.
- Yacheng 13-1 Pipeline PRC
- Jubail Commercial Harbour
- Water mains and reservoirs Oman
- Jeddah International Airport
- Bahrain International Airport

- Hilton Hotel Jakarta
- Philippe Lassarat SA
- Shell International Exploration and Production B.V.
- Brown & Root
- Gazprom/Rosneft/Sevmorneftegaz/Rosshelf/Wintershall – Prirazlomnoye (Ice bound Production/Drilling Platform)
- BP Angola

U.K. works include:

Power Stations, Offshore Wind Farms, Roads, Sewers and Sewage/water Treatment Plants, Chemical Plant, Railways, On and Offshore Petro-chem (including marine, sub-sea, hook-up, heavy lift, fabrication, design, drilling, process plant, etc.), Railways, Offices, Prisons, Public Housing, Schools, Sports Centres, Pipelines, Hospitals, Roads, Tunnels, Aircraft Carriers, Shuttle Tankers, LNG Importation Terminal, LNG Tanks, Expert Witness, Claims, Contract drafting and negotiation, Expert Witness, Project Management, Adjudication (9 decisions), Adjudication Support Clients/Contractors/Sub-contractors), etc.

Published Articles:

- Offshore Magazine – New Horizons Series - Contracting Strategy in the 21st Century
- Project Control PROFESSIONAL Vol 46 No. 6 November 2008 – Contracting/Commercial Strategy for the 21st Century and the management of risks on major projects (or ‘investing in loss’)
- QS Week – ADR, Retentions, etc.

Papers:

Barcelona – Construction Risk Conference:
New Horizons Series - Contracting Strategy in the 21st Century

Amsterdam – Construction Risk Conference
To FEED or not to FEED

BGI – Contracting and Commercial Strategies

BGI – Auditing from a contract point of view

Shell International Training Centre
Noordwijkerhout – Introduction to Project Contracting

Assignments: -

For a variety of Private Individuals, Clients, Funders, Developers and Contractors:

Various Building and Civil Engineering related Expert Reports and adjudications, claims/negotiations for a variety of Clients, Contractors, Consultants and Sub-contractors. Professional Negligence Claims advice and Expert Reports. Review of major Middle East Wind farm Tender documents for Contractor/Consultant. Expert and adjudication related commissions varying from housing refurbishment/extensions, to piling disputes and the preparation of a claim document and contract renegotiation advice for a major French painting contractor relating to works on and offshore Angola

August 2009 on:

For BP Angola – Preparing ITTs for Subsea Marine Intervention Services, Export Terminal Marine Services, Engineering Services and assisting in contracting a replacement tug at short notice. Evaluating tenders, negotiating Contracts, etc. and General Contracting Strategy advice, etc.

Advice and reports: On a number of contracts and claims for other smaller clients and to BG Kazakhstan and MSL

January 2006 to August 2009:

Preparing ITT, Tendering and awarding a 20 year Marine Services Contract for Milford Haven – Dragon LNG Importation Facility (initially three subsequently two client contract) for **Dragon LNG Limited**.

Advising on claims and disputes for UK North Sea, an LNG Terminal in Wales and Overseas Offshore/Subsea Contracts in Egypt

Setting up Operations Contracting strategy and model contracts

Involved in adoption and setting up of ProCon

Assisting in preparing IT/IP ITT

Preparing Adjudication Notices and Referral Notices and Expert Witness Reports

For BG Group Companies and JVs:

Advising on Contracting Strategy and reviewing ITTs and Contract documents for Chile, Egypt,

Gaza, Mexico, Nigeria, Trinidad & Tobago and Tunisia.

Commenting on new draft model EPC/EPIC and Services Framework contract Terms and drafting revisions and exhibits

Assisting with Contract Administration and Claims for Subsea Works on Atlantic and Cromarty Project in the North Sea; including the settlement of a number of claims.

Assisting in drafting ITTs for CoGen Power Stations, LNG Export and Import Terminals, Pipelines, Offshore Facilities, Ship Management, Ship Building, Well Services, etc. in Africa, South America, Far East, etc.

Writing Contracting Strategy Documents

Providing talks to other departments on Contracts and related matters

Tender Evaluation Compressors and Negotiating EPC (Open Book Single Source Consortia) for Booster Compression Project in Egypt

Involved in drafting Contract documents for OKLNG (on shore process plant, 7 kilometre jetty/causeway with cryogenic pipeline and loading facility, pioneer dock and camp/warehouse facility, railway and roads for rock transportation for major landfill and causeway construction plus the OLAKOLA (Pipelines) both multi billion dollar projects (temporarily shelved) both in Nigeria

ITT for Marine Services Contract of up to 30 years duration including vessel procurement (BUIC deployment and Multi Service capability (Egypt)

Compression and MEG recovery projects for Egypt

Karachaganak and Kazakhstan generally:

CNG Contracts, Exploration analysis licences, reviews of Karachaganak Phase III related strategy and procurement papers and advice on contract formulation/strategies, risk registers and risk management. Karachaganak Train 4 member of management review team.

Advice, tender assistance and evaluation of CNG installations for CNG trial for town buses.

Advice and reports : On a number of contracts and claims for other smaller clients and to Grain LNG

September 2004 to February 2006:

Contract Administrator major LNG project, for **Grain LNG** (wholly owned subsidiary of **National Grid Transco PLC**) duties included general administration of the Tank Modification Contract – Cost plus Target, Importation, Facility Contract including jetty and cryogenic pipeline – Lump Sum – and Expansion Project Lump Sum. Also responsible for the tendering, negotiating and awarding of Expansion Project (3 No. 190,000 m³ cryogenic tanks and infrastructure) contract, Re-condenser contract, Mooring contract, Dredging contract, Surveys contracts, Hydrographic Surveys contract, , Traffic Calming civils contract, Contaminated Land Clearance Contracts.

Also dealt with Claims (21 heads of claim up to £60 million) and Administration on Importation, Facility Contract

March 2004 to September 2004:

Contracts and Procurement Manager to **Centrica** - responsible for all Wind Farm projects including Hydrographic and geotechnical surveys commencing with Round 1 Lynn and Inner Dowsing and surveys on Round 2. Contracts advisor to Asset Engineer, BOW offshore Wind Farm Prepared tender documents for Turnkey Lynn and Inner Dowsing Developments.

February/March 2004:

Short term assignment as Senior Contract Auditor for **Network Rail** – carrying out contract analysis and audit related evaluation of contract administration. Evaluation of NEC contract for potential use on future projects.

January 1999 to March 2000:

Contracts Consultant to **Shell International Exploration and Production B.V.** based at the Shell Learning Centre in Noordwijkerhout. Responsible for Services and IP contracts, Alliances, Partnerships, claim on major Facilities provision contract and various research and software related contracts for Rijswijk R & D centre

April 1997 – January 1999:

Contracts Engineer/Subsea Contracts Engineer - **Amerada Hess Limited.**

Drafting/negotiating/awarding/administering contracts, advising on systems, claims, etc. (for Verification Subsea, Pipelines, Tie-ins, etc.) North Sea (Abbot -later renamed Bittern - and Guillemot West, etc.) Subsea Facilities Contract (believed largest/most complex to date anticipated final account in the region of £100 million).

Commenting on Partners contracting strategy and terms and conditions and other associated tasks including attendance at partner meetings, negotiations, etc., UK, Denmark and Norway

Involved in Preparation of ‘standard special conditions’, ‘contract type specific special conditions’ and ‘project specific special conditions’ for use with the CRINE standard forms.

Involved in CRINE (now LOGIC) terms role out workshop as presenter on special conditions.

Involved in preparation of tender documents for the purchase of a shuttle tanker subsequent evaluation of tenders and negotiations. Negotiation of Charter Parties and CoA.

November 1996 - April 1997:

Senior Contracts Engineer – **ABB Lummus Global Ltd.**

Drafting/negotiating/awarding/administering contracts, JV and Consortium Agreements. Advising on systems, claims, etc. (for FPFs, FPSOs, Surveys, Subsea, Pipelines, Land pipelines, Tie-ins etc.) North Sea and Far East. Advising on incentive schemes for alternative bidding. Advising on Assignment terms and conditions.

August 1995 - November 1996:

Senior Consultant - **Trett Consulting** - Major International Claims Consultant, Expert Witness and Project Management Company.

Involved in a major litigation as a part of the Expert Witness team, involved in meetings with counsel, solicitors and other experts advising on quantum, contractual and programme matters including further and better particulars and defence on main and third party actions. Lead

Expert construction and quantum on small building related litigation.

One of two project managers for a super market development acting on behalf of developer at the request of the funders (Design and Build). General advice on claims petro-chem, civil, building, M & E, etc.

Instrumental in setting up a Co-operation Agreement with a Major Law Agency in the Peoples Republic of China. Attempting to set up business with the PRC (proposals for feasibility studies and contracting seminars).

August 1994 - July 1995:

Yacheng 13-1 Project
EMC Ltd Seconded to **Saipem SpA / EMC Ltd** J.V. on 770km 28" and 70km 14" trunkline and associated works as Contracts Manager: -

Work included setting up major Sub-contracts (fabrication and installation of sub-sea tie ins and compression facility, shore pull and land line, Hydrotest, Dredging, etc.), claims, insurance, tax matters, charter parties, and final accounts on US\$250,000,000 Project.

July 1994

Contracts Consultant to **KYE Ltd** (Short term assignment).

A specialist fabrications and service supply company. Set up design Sub-contract for major design and build cost plus target contract, assisted with civil / mechanical tender, various minor contracts and presentations to clients.

July 1993 - June 1994

Senior Contracts Officer: **Amoco** Head Office based.

Duties include engineering and specialist contracts including 'CRINE' related Contractor incentive based contracts (including preparation of OJ entries, questionnaires and administration of EC Procurement Regulations. and CONDAM compliance.) Areas included well testing, pigging simplification/demaning projects, sub-sea inspection and repair, pipeline survey, platform removal research etc. Introduction of successful incentive schemes. Preparation of major insurance claims. Outsource contract for main office including maintenance, cleaning, security,

stationary, reprographics and catering (including TUPE related problems).

March 1991 - July 1993

Contracts Co-ordinator: **AMOCO** - based CATS project office.

Duties included preparation of Bid Documents, Evaluation of Bids and Negotiation of Contracts, contractual and commercial administration (including claims) of existing/new contracts, crossing agreements and tie-in agreements. Preparation and negotiation of major insurance claims. Refutation of contractor claims, preparation and negotiation of counter claims.

Initially/finally administration duties covered all CATS and interfield pipelines contracts (interfield and agency type contracts administered by a colleague for the construction/installation phase).

June 1990 - March 1991

Senior Contracts Engineer: **AMOCO** head office based

Duties included preparation of Bid Documents, Evaluation of Bids, Negotiation of Contracts (construction, operation and exploration related) for Vessels, Fabrication, Installation, Inspection, Surveys, Diving etc., together with ongoing contractual administration of existing and new contracts (including all major contracts for CATS and Central Graben Development Project pipelines and survey and Montrose living quarters replacement).

Also involved in negotiations with other oil and gas majors in respect of crossing and tie-in agreements

November 1989 - June 1990

Contracts Administrator: **AMOCO** ESD Valve and Safety Enhancement Project (20 Platforms South and North Sea).

Duties included preparation of Bid Documents, Evaluation of Bids and Negotiation of Contracts for Vessels, Fabrication, Installation, Inspection, etc., together with ongoing contractual and commercial administration of existing and new contracts. Included one of the fastest SSIS (Sub Sea Isolation System) retrofit contract six months from instruction to completion on a full turnkey basis.

April 1989 - November 1989

Commercial Manager (Lead Cost Engineer) - KG Ethylene Project for **BP Chemicals Ltd.**

Replaced by BP staff man returning from Norway.

January 1988 - April 1989

Senior Contracts Engineer **Shell Expro** Southern Operations Project Group.

Responsibilities as for F&G, including developments of EPIC (Engineer, Procure, Install and Construct) style contracts and various drilling contracts including rigs, tools wire line etc.

Assisted operations group with claim refutation on a variety of maintenance and re-engineering contracts.

August 1985 - January 1988:

Senior Project Administrator: **Shell Expro**, for the Leman F&G Project.

Responsible for all Contractual Administration on the project including Jacket and Topsides Fabrication, Installation, Pipelay, Tie-ins, Design, Inspection, Certification and Well Stimulation. Duties included preparation of Invitations to Tender, Tender Evaluation, Contract Negotiation, Claims Negotiation and QS duties on Pipelay, Installation, Accommodation Vessels and overview responsibility for commercial matters on other contracts.

February 1985 - August 1985:

Marine Contract Administrator: **Marathon Oil UK Limited.**

Responsible for management and preparation of Invitations to Tender, negotiation of contracts and all contractual administration of Pipeline, Installation, Hook-up Support, Pipe Coating, Warranty Surveying and associated design contracts.

July 1983 - February 1985:

Long term assignment to Management Contractor **John Brown** working on behalf of **British Gas Corporation** as sole Contractors Administrator

for the Rough Storage Project, BD, BP, CD, AP and AD Platform Installation Contract.

Worked both onshore and offshore, responsible for issuing all instructions to contractors, processing payments, raising change authorisations (including advising client on budgets), analysis and reporting on claims, contractual and monthly cost reports/forecasts. Also administered Accommodation Vessel Charter Contract and related matters for Hook-up and Commissioning Phase. (Answerable direct to BGC Contracts Group Officer).

July 1982 - July 1983 (Various Assignments):

Advising on contracting strategy, dealing with final accounts and claims for various client and contractor organisations (initially in association with another professional QS).

On and offshore petro-chemical, M & E, building, civils and specialist sub-contractor related contract preparation/negotiation estimating, contract administration, final accounts and claims U.K..

Overseas - assessment of operating units middle east for BKI and preparation of claims and final accounts major building projects including prisons, offices, conference centres, luxury villas, banks, power stations, etc.

Contract Positions: -

September 1978 - September 1979:

On contract to British firm of Quantity Surveyors, **Medhurst Gray Associates**. Loaned out to **Kuk-Dong Construction Company Limited** for their project at Jubail Port, Commercial Harbour, Phase II.

Based Saudi Arabia and Holland mainly involved in co-ordination between Van Swaay Installaties BV (Mechanical and Electrical sub-contractor), Servaquip Limited (Kitchen and Cold Room sub-contractors), Condor Exports Limited (Steel Frame sub-contractors), and Kuk-Dong's client (the Main Contractor for the project) Royal Adrian Volker - Hochtief - CCC. Joint Venture. Produced and agreed final accounts for HVAC and electrical works. Offered extension to contract but decided to return home due to impending arrival of our third child, completed some works post contract on a part-time basis.

June 1978 - September 1978:

Al-Fairuz Trading and Contracting Company Ltd, Muscat, Oman. –

Senior Quantity Surveyor.

Worked in close co-ordination with a small group of Europeans brought out to handle two major projects and attempt to reorganise existing company into a position to handle larger contracts than those previously forming the bulk of their work. Covered all quantity surveying duties on Omani Rial one million reservoir and water main project in Muscat and Omani Rial 2.5 million 26 kilometre water main project Salalah, plus all international and major local buying, estimated (with general manager) major international sector projects, assisted European, Egyptian and Indian management on existing projects in severe financial difficulties and well behind programme. Attempted to set up cost control system and revise account system.

June 1976 - January 1978:

On Contract to **MJN International Ltd**- Bahrain Int. Airport.

Initially prepared claim for MJN and their joint venture partner, Easter Electric Limited then took over as MJN's Project Surveyor and dealt with all valuations, both internal and external, dayworks, claims, variations, all contractual correspondence and Final Account including negotiations in liaison with Main Contractor, Howards of Chatham and Clients Consultants, Gibb Petermuller in Athens.

April 1975 - May 1976:

On Contract to **Haden International Ltd** in Jeddah.

Project Surveyor: Jeddah Int. Airport. Eighteen million pound electrical/electronics contract. External valuations, variations, dayworks, cost feasibility exercises, claim & contractual problems.

July 1974 - April 1975:

On contract to **Cementation Construction Limited** (Overseas) in Indonesia:

Project Surveyor

Took over last stages of contract (other surveyor was invalided home) on Jakarta Hilton Hotel

Project. Dealt with all necessary surveying duties on this six million pound semi-package deal project, including external and internal valuations, sub- contracts, dayworks and watchdog activities related to Hilton and interior design budgets. Covered for accountant whilst he was on leave. Also advised on contractual position/claim for Drilling contract in Sumatra.

Staff Positions: -

March 2003 - December 2003:

Brewer Consulting:

Senior Consultant dealing with all aspects of contracts, claims and adjudications for a variety of clients, including acting as an adjudicator (9 decisions). Consulting on UN procurement systems for the Middle East and short listed by OGC for rewrite of GCWks5. Joined to set up Oil and Gas division – redundant due to change in focus of practice.

March 2000 – March 2003:

Halliburton (U.K.) Ltd. (Halliburton KBR, Kellogg Brown & Root International Inc. etc.)

Commercial Manager assigned as Contracts Manager to Hassi Berkine Expansion Project (Algeria and Houston).

Assisting with South Arne claims and insurance claims and preparation for arbitration hearing

Assisting with Sable close out and new contracts Canada.

Contracts Manager Priarazlomnoye (Russia) Gravity based platform in Arctic Circle. Including drafting contracts for client, negotiating client's bank guarantees, drafting ITTs /negotiating/administrating sub-contracts.

Contracts Manager BP Block 18 Angola

Drafting and implementing Inter Company Framework Agreements and related systems.

Contracts Manager (Shipbuild Contracts) Thales Aircraft Carrier Bid for MOD.

Advising on Contractual matters, claims generally and insurance claims.

September 1979 - July 1982:

Sea and Land Pipelines Limited:

Senior Quantity Surveyor:

Dealing with all aspects of ME works and sub-contractors on 16.2 million pound module fabrication contract (Fulmar M1 & M2 Power Generation and Control Modules) for Shell. Also involved in Civil Building and Dredging Work for development of new yard and storage facilities. Took over as Project Surveyor and dealt with all aspects of financial/ contractual management to Final Account.

Company Surveyor: **SLP Fabricating Engineers Limited:**

Involved in contractual aspects of Marathon Brae A 04, 06 and 14 contracts (value approximately 40 million pounds), vetting and setting up of Conoco Hutton Accommodation and Helideck Modules Contract.

January 1978 - June 1978:

Fluor Europe Construction Limited:

Senior Sub-contract Administrator:

Involved in the production of proposals and the vetting/production of base sub-contract documents for Abu Dhabi (ADNOC), Wilhemshaven and Wilton (ICI) and sundry exercises for Iran Oil Services Co.

Made redundant (Part of mass redundancy) as a result of cut backs in Middle East contracts and in the USA.

April 1973 - July 1974:

Y J Lovell (London) Limited

Senior Site Surveyor: Holloway Prison, Phase II and III.

Responsible for full range of surveying duties including external valuations, internal valuations

(Cost/value reconciliation/cost control), daywork, sub-contract accounts, material take-offs, costs feasibility exercises and claims, CCC Wks 1 Contract. Worked with a team of four juniors and in close liaison with the bonus surveyors and management team.

July 1972 - April 1973:

West's Piling and Construction Limited:

Area Surveyor: Specialist Piling, Eastern Region of England (Thames to borders of Scotland).

Responsible for negotiating contracts, contract co-ordination, internal and external valuations and claims. Foundation contracts and piling contracts. Duties included bid preparation, measurement, final accounts and claims. Contract values from ten thousand to over half a million pounds in value. (Answerable to chief surveyor).

July 1970 - July 1972:

J Murphy and Sons Limited:

Area Surveyor: North West:

Responsible with two civil engineers for building up civil and building division in an area where previously only gas line and cable laying contracts had been carried out. Covered negotiating contracts, sub-contracts, estimating, choosing tenders to price, handling contracts, obtaining position on selected tender lists, internal and external valuations, advising and controlling buying and costing departments, measurement engineers and surveyors.

Contracts included housing modernisation, road widening schemes, new dual carriageways, sewers, thrust bores, sewage farms, bridges, swimming pool, demolitions, gas lines etc. (Answerable to Director).

Senior Surveyor:

Responsible for all surveying work (to the Chief Surveyor) on West Thurrock Pumped Sewer, Northfleet Sports Complex and Swimming Pool, Catholic Grammar School -Highgate, Carpenters Road Relief Sewer, Various Thurstbore Contracts, Gas Conversion Tunnel, Cement Works, Ivinghoe Beacon Bucks and GPO Northwest Disconnected Contracts.

Agent/Surveyor:

Concurrently with the foregoing, British Rail Southern and Southern Central Maintenance and Disconnected Contracts.

Estimator:

Estimated Esso Main Terminal Extension - Purfleet (Lowest but contract shelved). Estimated on 'Package Deal' basis with production of full BOQ Redbridge Health Centre (Successful), 450 House Estate, with Town heating main - Redbridge (Successful). Estimated Tunnel Bulk Handling Facility King's Cross (2nd), Two Natural Gas Pressure Reducing Stations (one successful).

(Answerable to Chief Surveyor and Chief Estimator).

Also Claims Specialist.

February 1969 - July 1970:

Taylor Woodrow Construction Limited:

Surveyor:

Euston Station: Responsible for remeasurement and final account West Wing Phase II and total remeasurement of all joinery works.

Section Surveyor:

Heysham Nuclear Power Station: Responsible for total remeasurement contract on CEGB SMM using computerised bills, complete cost value reconciliation in detail on approximately £250,000 turnover per month, with two assistants (one covering bonus aspect).

March 1968 - February 1969:

Costain Construction Limited:

Resident Site Surveyor:

Stevenage Town Centre Phase III, Stevenage, Herts. Responsible for full surveying duties including measurement and certification from start of contract to Final Account.

(Responsible to H O Senior and Chief Surveyor)

July 1965 - March 1968:

Tersons Ltd:

Junior Surveyor: Westminster Hospital New Extension, Page Street, SW1.

Responsible for cost and bonus surveying, measurement of minor sub- contracts, dayworks, etc.

Assistant to Senior Surveyor (claims specialist):

Responsible for all surveying duties Battersea Boys Club, Battersea and various surveying duties on a variety of local authority housing projects and a departmental store.