


























LUL / Network Rail Projects










Project	Client / Contact	Description	Contract Period / Value
 East London Line Project	  Balfour Beatty Carillion Joint Venture	M&E installation at East London Line Stations Shadwell, Rotherhithe, Surrey Quays and Wapping as part of the Central section of the ELL.	July '09 to Nov '09 Value £1m
 LUL Advertising Media	 Chris Haywood 02076211293	Power & data cabling and containment for Traditional signage at stations throughout the network Upgrade and refurbish Digital Escalator panels at 15 No stations. Cross Track Projectors- install power, data and fiber cabling together with containment at various LUL stations	July – Dec '09 Value: £1.2m
 OPO Contract	 LUL Nominee SSL Limited Steve Ristow	First contract awarded to Emico by LUL Nominee SSL as part of the 3-year framework agreement for the supply of electrical equipment and services. Emico installed containment for the OPO contract at Croxley, Watford, Northwood, Northwood Hills and Moor Park.	May – September 2009 Value £150k

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  East London Line New Cross Gate Depot	  BBC Joint Venture Graham Davenport 07803 263369	Design and Installation of mechanical and electrical services at New Cross Gate Depot. The project consists of a Maintenance Facility Shed (4 Roads), Wheel Lathe & Heavy Cleaning Shed (2 roads) and a Carriage Wash Shed. Services include DC Shore Supplies as well as all M&E Services	August '08 – June '09 £3.7m
 Blackfriars Station	 Neil Smith 020 7356 8838	Blackfriars Station Refurbishment / redevelopment – Trace & Tag survey (Elect, Comm's, Mech & Signalling) to allow demolition contract to progress	May '08 – September 2008 £500k
 CTRL St Pancras	 Steve Houghton 07976 191910	Upgrade LV Switchgear including main cable runs to retail units at CTRL St Pancras. Specialist HV & LV jointing	Sept 2007 – May 2008 £1.4m
 Tonbridge Seasonal depot	 Tim Nicholls 0207 650 2234	Mechanical and electrical services associated with a new 2-road train depot. Services provided include LV distribution, lighting including pit lighting, power and water services	August – October '07 £172k
 Stratford Station Upgrade	 Kevin Rowell 01793 755555	Major station upgrade for 2012 Olympics. De-cluttering of platforms, new HV transformer, LV panel, new lighting throughout, new stairs and lifts to platforms and re-opening of Eastern subway, design and installation of fire alarm & fire hydrant	July 2007 to August 2010 £6.2m

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 Cross Track Projector Project	 Chris Haywood / Chris Barber 020 7929 0248	London Underground JNP lines – design and installation of for Cross Track Projector Contract for new digital advertising format on LUL platforms.	Feb '07– Dec '08 £1.9m
 Bounds Green Depot	 Kim Lavin – 020 7650 2234	Electrical and mechanical services for new wheel lathe shed. High bay lighting 400v / 230v & 110v power Buffer stop lighting	Sept '06 – August '07 £215k
 CTRL St Pancras Annex 150 / 160 / 220 St Pancras	 Mike Hamilton – 0207 504 2531	LV cabling for 45 No transformers for points heating and portable tools Points Heating – 30 sets OLE EMMIS and points heating controls cabling	September 2006 – Feb 2007 £500k
 South London House – Elephant & Castle	 Rhys Willington – 01707 272516	Electrical and mechanical fit of 4 story Train Crew accommodation at Elephant & Castle Fire Alarm Ventilation ductwork and AC	September 2006 – April 2007 £980k
 Neasden Depot	 Martyn Ayres – (t) 01707 272516 (m) 07768 348452	Electrical and mechanical fit out of South Dock and Klondyke House – Train Crew accommodation and training buildings.	April – December 2006 £756k








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 Tube Lines Morden LUL Station Refurbishment and SFA (Step Free Access) Project	 Mr Phil Laurie - (T) 020 7650 2234	Complete electrical refurbishment; comms containment and cabling, plumbing; air conditioning and comfort cooling refurbishment of station.	Jan 2005 – Nov 2006 £3.95m
 Tube Lines Burnt Oak LUL Station Refurbishment.	 Mr Mark True - (T) 020 7650 2234	Complete electrical; plumbing; air conditioning and comfort cooling refurbishment of the station.	April 2004 – Jan 2005 £1.05m
 Tube Lines Tufnell Park LUL Station Refurbishment	 Mr Mike Wells - (T) 020 7650 2234	Complete electrical; plumbing; air conditioning and comfort cooling refurbishment of upper and lower station.	April 2004 –April 2005 £2.75m
 RLE CTRL Trackside C104H	 Mowlem Engineering Power Mr John Murphy (T) 0151 334 4990	Installation and test of 3 points heating control kiosks feeding 13 sets of points heating. Installation and test 3 track side distribution pillars feeding 15 track side 230/110V supplies	March 2004 – June 2004. £377k






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 CTRL Sub Station C104H	 Mowlem Engineering Power Mr John Murphy (T) 0151 334 4990	Complete fit out of a dual feed 11kV to 400V substation to supply the local points heating and signalling supplies. Main 400V LV Panel, .Small power distribution boards, Lighting, Fire alarm, UPS (signalling supplies), SCADA cabling and marshalling panel. (See HV contracts for HV works)	Oct 2003 – April 2004 £136k
 CTRL St Pancras C104F	 Mowlem Railways - Mr Erik Twigt (T) 01344 426826	Installation and test of 2 points heating control kiosks feeding 12 sets of points. Installation of 3 sets of buffer stop lights Installation of platform lighting and platform lighting control panel.	March 2002 – December 2002 £636k
Tennyson Way Shaft	 McNicholas Plc Robert Riley - (t) 020 8200 0303	Installation of lighting, power, lightning protection and fire alarm in new ventilation shaft	October '04 – Jan '05 £60k
 Victoria station – Connex gating project	 Wates Rail - Mr D Lonergan - 020 8764 5000	Installation of LV switchgear & sub-mains, installation of main containment and cabling for new ticket gates and 68No CCTV cameras, lighting and small power. Diversion of the 3inch water main and installation of 5 metered gas and water supplies. Enabling and upgrade of 5 No Retail units at the concourse end.	Sept 2001 - Mar 2002 £180k






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 Old Oak Common train depot	Mowlem Engineering Power Mr B Rosenberg - Tel 0151 334 4990	Enabling works to enable the demolition of a train care shed., Diversion of the following services:LV Feeders & 11kV ring main – 3c 95mm ² Compressed air main - 3inch, Gas main - 6inch	Oct 2001 - Dec 2001. £80k
 Waterloo Roof Refurbishment	 Meica / Amec Rail Mr M McEvoy – (t) 01784 229900	Installation of platform columns, canopy lighting systems, PAVA and Fire alarm systems to platforms 1 to 19 All works routed via platform inverts using confined space operatives and associated safety equipment. Upgrade of sub-mains distribution and DB's, Installation of pulse clocks circuitry etc.	March 2001 - April 2003. £1.35m
 Kings Cross Station	 Proline / YJL Mr M Ruddy (t) 020 8906 8777	Temporary relocation and electrical enabling works to facilitate new roof installation. Short fast track contract carried out over two months	Feb 2001 - Mar 2001 £75k
 South Tottenham Station	 Proline / YJL Mr M Ruddy (t) 020 8906 8777	Complete replacement of all switchgear within the mains intake cupboard. Entrance and underpass lighting. Lighting system installation along platforms 1 & 2.	Jan 2001 - Mar 2001 £42k
 Wembley Depot	 ABB Rail / Balfour Beatty - Mr A Chisholm	Monorail and train wash supply. Installation of containment and sub-mains cabling. New switchgear in respective Switchrooms.	Dec 2000 - May 2001 £129k

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 Stonebridge Park Station	YJLi YJL Construction Mr Alister Johnson (T) 020 8982 4200	Platform and canopy lighting system installation. Periodic inspection report	Jul 2000 - Sept 2000 £39k
 White City LUL	MULTIPLEX Multiplex / Mott Green Wall Mr Ray McGuigan (t) 0207 061 7777	Hand trace; label and produce CAD drawings for all cables between White City and Shepherds Bush Stations. A full dilapidation survey and signalling cover was provided for the duration of the project.	Oct 2003 – Oct 2004 £635k

HV Contracts

Project	Client / Contact	Description	Contract Period / Value
Manhattan Loft St Pancras Chambers – Renaissance Hotel 5* 245 room with 68 Apartments	 Steve Houghton 07976 191910	Installation of 11kV supplies from 11kV Sub at CTRL St Pancras to serve the hotel and apartments	September '08 – December '08 £240k
 Stratford Station Upgrade		De-commission existing 11kV – 6.3kV transformer, install new 11kV – 400V 1600kVA transformer	August '07 – April '08 £410,000.00
 Network Rail Southern Region Power Supply Upgrade (PSU).	 ABB / Mowlem Railways Mr Terry Huntley - (T) 01344 426826	The following 33kV oil filled feeders were upgraded to 3 x 300mm ² XLPE singles with new pilot cables: Feeder 617 (3 x 5000m), Feeder 618 (3 x 4500m), Feeder 619 (3 x 5100m), Feeder 1565 (3 x 3200m), Feeder – Forest Hill (2000m) All oil filled cable and equipment recovered and recycled. The concrete trough cable route's was refurbished where possible or replaced with C1/9 trough.	May 2004 – Jan 2006 £3.2m
 CTRL 104H St Pancras 25KV Diversion works	 MEP - Mowlem Engineering Power Mr John Murphy - (t) 0151 334 4990	Install and test two 25KV feeder cables with IRC's between the isolation transformer / switchgear and the OHLE. Modify the existing switchgear to accept XLPE terminations.	Feb 2005 – April 2005 £377k

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 CTRL 105H St Pancras 25KV Diversion Works	 Mowlem Railways Mr Ken Falano - (t) 01344 426826	Install and test two 25KV feeder cables with IRC's between Kings Cross and Murphy's Yard – 9000m. This cable was fixed to the tunnel wall using J hangers	July 2004 – Sept 2004. £472k
 PSU Project: Penge 33kV Feeder Installation	O'Hallorans - Mr Paul Pembridge (T) 0208 692 4442	Install 16,000m of 3 by 33kV XLPE singles and pilot using a four drum cable train.	April 2004 – Easter weekend £30k
 CTRL 104H MML Sub-Station	 MEP - Mowlem Engineering Power Mr John Murphy (t) 0151 334 4990	Install and test the below 11kV equipment: 2 x ring main units. 2 x 500kVA transformers 11kV cabling between ring main units and transformers.	Nov 2003 – April 2004 £136k

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 Northam Depot Southampton	 Fitzpatrick Contractors Mr Steve Morris (T) 01784 229900	<p>The following 33kV oil filled feeders were upgraded to 3 x 300mm² XLPE singles with new pilot cables.</p> <p>Feeder 2050 (3 x 2100m), Feeder 2051 (3 x 700m)</p> <p>Modify oil filled switchgear to terminate XLPE singles. Upgrade protection form Solkor to Translay and re-commission.</p> <p>All oil filled cable / equipment recovered and recycled. Approx 6500m of new trough was installed in the depot yard of traction supplies and comms. The HV cable routes were refurbished (concrete trough) where possible or replaced with C1/9 trough.</p>	March 2002 – July 2003 £1.3m
 CTRL 104F MML St Pancras	 Mowlem Railways - Mr Erik Twigt (T) 01344 426826	<p>The following 11kV feeders were diverted to demolish two bridges and follow the new track alignment.</p> <p>Feeder ML/PA1 (600m) Feeder ML/PA2 (600m)</p> <p>All redundant cable and equipment was recovered.</p> <p>New C1/7 concrete trough was installed for the entire route.</p>	April 2002 – June 2003 £636k
 Old Oak Common	MEP - Mowlem Engineering Power - Mr B Rosenberg -Tel 0151 334 4990	Extend and modify 11kV ring feeder to enable demolition of train care depot.	Oct 2001 to Dec 2001. £80k