

# London 2012 Games sector briefing

## building technologies

July 2009

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# Advantage West Midlands

## London 2012 Games

### Building Technologies and Services

### Sector Briefing – July 2009

#### **Key Statistics**

2012 Olympic Games: 27 July – 12 August 2012

2012 Paralympic Games: 29 August - 9 September 2012

26 Olympic sports in 34 venues

20 Paralympic sports in 21 venues

10,500 Olympic athletes and 4,200 Paralympic athletes

20,000 press and media

Over 9 million tickets

4 Billion television audience

#### **Key Organisations**

LOCOG: London Organising Committee of the Olympic and Paralympic Games

ODA: Olympics Delivery Authority

LDA: London Development Agency

IOC: International Olympic Committee

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## 2012 Update

### Forthcoming Events and Announcements

- These 2012 Business Briefings can now be emailed directly to you each month! This will enable you to receive them more quickly and saves you having to download them from the Advantage West Midlands website. To register, simply fill out the form attached to the covering email (entitled 'AWM Opt-in Form' and follow the instructions to register electronically. You will automatically receive the monthly 2012 General Briefing, together with the sector-specific briefing which most closely matches your business type.
- If you have news of a forthcoming event, or any 2012-related news or opportunities, which can be included in forthcoming briefings (ie, without breaching rules on disclosure), then please let us know by emailing [philip.gray@commercialdoctor.com](mailto:philip.gray@commercialdoctor.com)

### West Midlands News

- Staffordshire-based building services firm Birchall, has won a £1 million contract to fit out a 5,000-seater sports stadium in Glasgow for the 2014 Commonwealth Games. The venue is receiving a £14 million upgrade to host the rugby, track and field events. Birchall has been commissioned to provide mechanical services including heating systems, domestic water services, automatic controls and ventilation for two new stands.
- The £32 million redevelopment of Warwickshire County Cricket Club's Edgbaston ground has passed its final hurdle after the government decided not to order a public inquiry into the controversial scheme. Building work is expected to start before the end of the cricket season, with the new-look stadium ready to stage Test matches in 2012.
- London's Alexandra Palace was recently transformed into an impressive football arena for the National final of the Nike Show Your Five competition, thanks to West Midlands-based TigerTurf (UK) Ltd. The NRG pitch was transported following the final and has been donated to a community project based in London.

- The first architect's images of Birmingham new £58 million Olympic standard swimming pool, water park and leisure centre, have been released. Council leisure bosses have opened an exhibition of the plans at the neighbouring Nelson Primary School, allowing the local community and wider public to have their say before the proposals are confirmed.

## London 2012 News

- Olympic bosses are reportedly preparing to scrap the decision to reduce the 80,000-seater Olympic stadium to a 25,000-capacity athletics venue after the 2012 Games. The newly appointed Olympic legacy team has reportedly decided against scaling back the £547m stadium as it wants to ensure a bigger sporting legacy after 2012. The new team is thought to want the stadium to remain a major sports-themed attraction and retain capacity to put on big events, including staging 2018 World Cup matches if England's bid to host the tournament is successful.
- The wave-shaped roof of the London 2012 Aquatics Centre has reached its halfway point. The lift of the 160m long 2,800 tonne roof started just three months ago and is considered one of the most complex engineering and construction challenges of the Olympic Park 'big build'. The roof frame, built with steel fabricated in Newport and assembled on site on just three concrete supports, is on track to be completed this summer.
- The £355 million International Broadcast Centre (IBC) and Main Press Centre (MPC) for London 2012 is on track after plans were approved by the Olympic Park Planning Committee. Currently under construction by Wolverhampton-based Carillion, the IBC/MPC will be home to 20,000 broadcasters, photographers and journalists during the London 2012 Olympics.
- London 2012 has completed a deal to sell almost half of the housing units in the £1 billion Olympic Village after the Games. The agreement with Triathlon Homes will allow the ODA to sell 1,379 out of 2,800 homes in the East London development. Triathlon Homes is a joint venture between urban development company First Base and two local housing associations, East Thames Group and Southern Housing Group. The investment includes a £110 million grant from the Homes and Communities Agency (HCA), equity from Triathlon Homes, and lending from the European Investment Bank and Barclays Commercial Finance.

- The Three Mills Lock in east London - also known as Prescott Lock - has opened to traffic, the first new lock to be built in London for more than 20 years. The lock at Prescott Channel, Bromley-by-Bow, opens-up the Bow Back Rivers, a network of waterways in and around the Olympic Park for the first time in decades, creating a green gateway for freight barges to enter the Olympic construction zone.
- Applications for UK Sport's second 'Ideas4Innovation: New Researchers' award have now closed. Ideas4Innovation (I4I) is an award scheme developed by UK Sport's Research and Innovation team designed to harness the creativity and expertise of the British public to find novel performance solutions for British athletes. The New Researchers Award is aimed at final year undergraduate or masters students, who are invited to submit their final year project, and the Garage Innovators Award is aimed at any sporting enthusiast with a fantastic idea to improve elite performance.
- Consultant Atkins has revealed it is about to embark on its two-year detailed design phase of the temporary structures and associated infrastructure for the London 2012 Olympics. These temporary facilities will accommodate a massive proportion of spectators at the London 2012 Games – estimated at 200,000 out of a total 250,000 seats for the whole Games. Atkins is now looking to understand the spatial and infrastructure requirements for each temporary venue, such as the beach volleyball arena at the iconic Horse Guards Parade.

## Other Major Sports Projects

- Built to look like a vast cooking pot simmering above a ring of fire, South Africa's Soccer City Stadium promises to be an unforgettable venue for next year's World Cup and one of the world's most spectacular sporting arenas. Costing 3 billion rand (227 million pounds) the 94,000-capacity stadium is distinctive, resembling a huge calabash -- a hollowed-out gourd used as a cooking pot or water carrier throughout Africa. The calabash has inspired the colouring of the orange and brown membrane that surrounds the stadium while a ring of lights will illuminate the bottom of the building, simulating fire underneath the pot.
- The renovation of 11 Asian Games venues owned by the Guangdong Provincial Government has got underway. A ceremony was held yesterday at the Guangdong Olympic Sports Centre to launch the project, which will cost approximately 400

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million yuan, according to Guangzhou Daily. The 11 venues to be renovated include the Main Stadium and affiliated stadiums at Guangdong Olympic Sports Centre.

- The Delhi Government has increased its budget to complete venues for next year's Commonwealth Games because of delays in building them. They have allocated an extra 9 billion rupees (£111 million) for the October 3-14 event in its annual budget
- Vancouver city council has agreed to pump \$22 million into the city-backed portion of the Olympic Village project in southeast False Creek. The \$21,895,200 will be used to cover multi-million-dollar cost overruns in the public portion of the development that will house athletes during the 2010 Winter Games.
- Citing costs and construction issues in the preparation for the Sochi 2014 Winter Olympic Games, Russian Prime Minister Vladimir Putin has replaced Olimpstroy CEO Viktor Kolodyazhny with Taimuraz Bolloyev, who joined Olimpstroy as vice president in January. Bolloyev owns a construction company and will be the third CEO since it was created shortly after Sochi was selected the 2014 Winter Games host city in 2007.
- A team of engineers from Arup, the UK-based design and technology consultancy, have received the £50,000 MacRobert award from the Duke of Edinburgh for their role in building the National Aquatics Centre in Beijing, one of a clutch of new structures that featured in last summer's Olympic Games. A group of 100 engineers from Arup – at four centres in London, Sydney, Beijing and Hong Kong – worked on the design of the \$100m centre. The design enables the building to conserve energy from its heat systems and take energy from the atmosphere on days when temperatures are high. This innovation means the Water Cube, which during the games housed up to 20,000 people at a time, uses 70 per cent less heat energy than a conventional structure.

## **Collateral Projects**

- French developer Bouygues has been selected for the £3.7bn Canning Town and Custom House regeneration project. In a report published during June, officers have recommended the Bouygues consortium. Newham Council is proposing 1,400 homes, around 330,000 sq ft of shops, 330,000 sq ft of offices and 80,000 sq ft of leisure facilities be developed on the 16-acre site.

- The first phase of Barking Riverside – the largest single housing development in the Thames Gateway, has won planning permission. The project, designed by Maccreanor Lavington, KCAP, Sheppard Robson and Gustafson Porter, will provide 3,300 homes, two schools and associated infrastructure as part of the £3.5 billion, 11,000-home development in east London, being built over 25 years. Barking Riverside is a joint venture between Bellway Homes and the Homes & Communities Agency (HCA). Construction of the first homes is expected to begin at the end of the year, and could be ready for occupation by spring 2010.
- Atkins is to join forces with Grimshaw Architects after winning the contract to ensure standardisation of fixtures and fittings across a series of new stations planned on London's massive Crossrail scheme. The Atkins team will include specialist designers from Grimshaw who will help deliver the design excellence required for interior elements such as the wall and ceiling finishes, cladding systems, seating, lighting, and wayfinding.
- Hackney Marshes, Europe's largest expanse of playing fields and the spiritual home of Sunday football, is getting a £10 million makeover. Details are being finalised on a funding package to restore grass pitches, lay all-weather playing areas, improve parking and build a futuristic two-storey clubhouse as a centrepiece of the site's regeneration. A new pedestrian bridge will improve access to the Marshes by linking them to the Olympic Park in the east. Work on the five-year project will begin this year and is intended to boost the popularity of the playing fields, already used by about 1,500 players every Sunday.
- Crossrail has announced its intention to award the second set of contracts for detailed design services under its framework agreements. Under the Crossrail Design Framework Agreements announced in December 2008, the selected firms for each of the seven design categories have the opportunity to compete for packages of design work on the project. The contracts in this second set are as follows:
  - Package C100 - Architectural Component Design - Atkins
  - Package C152 - Pudding Mill Lane Portal – Scott Wilson
  - Package C124 - Tunnels and Shafts Aerodynamics and Ventilation - Mott MacDonald
  - Package C136 - Farringdon Station Design – Scott Wilson

## Current Supplier Listings – CompeteFor Registrations

As at 1<sup>st</sup> July there are 526 West Midlands companies (an increase of 6 companies since our last report), covering various areas of the Building Technologies and Construction Services sector, listed and fully published on the CompeteFor System. The system-wide total is 5,911, an increase of 80 companies.

If you are experiencing any difficulties in achieving full publication on CompeteFor please contact Business Link on 0845 600 2012.

## Contracts and Tenders

### ODA tenders issued during June:

NONE

### LOCOG tenders issued during June:

NONE

### 2012-specific tenders plus a selection of collateral project requirements, issued by other parties during June:

CompeteFor also carries sector-applicable opportunities for non-2012 projects. It is recommended that suppliers register on CompeteFor to receive details of all opportunities.

Publication Date	Title	Client
30/06/2009	Debris Netting Supply	Network
30/06/2009	Supply of Crane Hire - 5 Ton to 1000 Ton Machine	Plant Movements
29/06/2009	Hardware supplies	London Engineering Co
26/06/2009	WP412 Insulation -external walls	Balfour Beatty

26/06/2009	LOT 2 Pre cast Concrete Edge Beams	BAM Nuttall Ltd
23/06/2009	Wetlands - Stainless Steel Deck Drainage	BAM Nuttall Ltd
19/06/2009	CCTV Survey of newly constructed sewers	Barhale Construction
19/06/2009	Demolition Works	Morrison Construction
19/06/2009	Diversion of electrical and communication cables	Morrison Construction
19/06/2009	Asphalt works	Morrison Construction
19/06/2009	Earthworks & Groundworks	Morrison Construction
19/06/2009	Soil Stabilisation to Roadway	Morrison Construction
19/06/2009	C10090 Greenway (Soft Landscaping)	VolkerFitzpatrick
19/06/2009	C10090 Greenway (Fencing)	VolkerFitzpatrick
19/06/2009	C10090 Greenway (Asphalt Surfacing)	VolkerFitzpatrick
19/06/2009	C10090 Greenway (Concrete Paving)	VolkerFitzpatrick
19/06/2009	C10090 Greenway (Street Furniture)	VolkerFitzpatrick
19/06/2009	C10090 Greenway (Signs)	VolkerFitzpatrick
19/06/2009	C10090 Greenway (Street Lighting)	VolkerFitzpatrick
16/06/2009	Supplier of concrete accessories	F Brazil Reinforcements Limited
15/06/2009	WP451 Waterproofing Plaza Deck	Balfour Beatty

15/06/2009	WP434 Balustrading	Balfour Beatty
12/06/2009	PRE-CAST CONCRETE PRODUCTS SUPPLY & INSTALLATION - OLYMPIC HANDBALL ARENA	Buckingham Group Contracting
12/06/2009	Chandos East Community Centre Main Contractor	London Development Agency
12/06/2009	Sheet Piling Installation	Morrison Construction
12/06/2009	PVC Waterproof Lining Works	Morrison Construction
12/06/2009	Bored Piling Installation	Morrison Construction
12/06/2009	FRC Works	Morrison Construction
12/06/2009	Design, Supply and install floating pontoons	Morrison Construction
11/06/2009	Cast In-situ Concrete Slabs	Carillion Plc
11/06/2009	Dry-lining & Partitioning	Carillion Plc
11/06/2009	Inward investment centre - Fit out of business space	London Thames Gateway Development Corporation
11/06/2009	Temporary sheet piling works	Morrison Construction
11/06/2009	Reinforced concrete works	Morrison Construction

11/06/2009	Welders required	Sarens Construction
04/06/2009	Bridge H23 - Services Diversion (Gas, Water and Electric)	Balfour Beatty
03/06/2009	High Street 2012 Historic Buildings Conservation Scheme	London Borough of Tower Hamlets
03/06/2009	Reinforcing Bar	McNicholas Construction Services

#### Contracts awarded during June:

Title	Client	Date	Winner
Construction Crew program	ODA	23/06/2009	The Kaizen Partnership Limited
Lot 2 - H05 Gabion basket supply and installation	BAM Nuttall Ltd	17/06/2009	Maccafferri
Lot 2 - Permeation Grouting	BAM Nuttall Ltd	17/06/2009	Keller Ground Engineering
Lot 2 - Kerb Drainage Units	BAM Nuttall Ltd	17/06/2009	Burdens
Lot 2 - Aggregate Supplier	BAM Nuttall Ltd	17/06/2009	Opportunity Closed - Existing Site Wide Supplier
LOT 2 - H17 Reinforced earth walls	BAM Nuttall Ltd	17/06/2009	PHI Group Ltd
Lot 2 - Movement Monitoring/Instrumentation for	BAM Nuttall Ltd	17/06/2009	I.T.M

underpass U02			
Lot 2 - Earth Retaining Walls H07 - Stratford City	BAM Nuttall Ltd	17/06/2009	PHI Group
Shaft Sinking	BAM Nuttall Ltd	17/06/2009	Delta Civil Engineering
Manufacture and Supply of Concrete Cable Troughs	BAM Nuttall Ltd	17/06/2009	Stopped - CLM to Procure this package
Design, Supply & Install Earth Retaining Walls	BAM Nuttall Ltd	17/06/2009	Keller Ground Engineering
Operated Construction Plant	BAM Nuttall Ltd	17/06/2009	Hawk,Hewden & Hunter Plant
Bridge Bearings	BAM Nuttall Ltd	17/06/2009	Fressynet
Self Operated Construction Plant	BAM Nuttall Ltd	17/06/2009	Hawk,Hewden & Hunter Plant
Vibrated concrete columns	Edmund Nuttall Ltd	17/06/2009	PHI Group
Roadsweeper hire	Edmund Nuttall Ltd	17/06/2009	KPS Plant
M&E provision for stormwater wet well	Edmund Nuttall Ltd	17/06/2009	Warboys LTD
Supply & Install Modular Building	Edmund Nuttall Ltd	17/06/2009	Servacomm Redhall Ltd
Supply of Construction Labour	Edmund Nuttall Ltd	17/06/2009	V G Clements, Danny Sullivan, Reliable Contracts
Specialist External Temporary Architectural Lighting Design	ODA	15/06/2009	United Visual Artists

Supplier of pre-cast concrete lift shafts	Carillion PLC	12/06/2009	Waycon Precast Limited
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### Updated Forecast Requirements - ODA

<b>Contract title</b>	<b>Category</b>	<b>Procurement Start Date</b>
Lightweight Medium Span Structure - Fabric and Tented	Works	Q2 2009
Lea Navigation Bridge Contractor	Works	Q2 2009
Lightweight Structure and Enclosure to Water Polo	Works	Q2 2009
Stratford High Street Bridge Contractor	Works	Q2 2009
Temporary Accommodation	Works	Q2 2009
Landscape and Public Realm South Park - Contractor	Services	Q2 2009
Stadium Legacy Transformation Designer	Works	Q3 2009
Tennis Courts	Works	Q3 2009
Hockey Pitch	Works	Q3 2009
BMX Supercross Track	Works	Q4 2009
Stadium Legacy Transformation Constructor	Works	Q1 2010
Lea Navigation Legacy Highway Bridges	Works	Q4 2010
Structures, Bridges & Highways Legacy Conversion	Works	Q2 2011
Greenway Ramps - Contractor	Works	Q2 2011

Landscape and Public Realm - Greenway Works - phase III ramps	Works	Q2 2011
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## Recruitment

- LOCOG has appointed Andrew Oldham, the former CBS Outdoor chief operating officer, as a consultant. Oldham will be responsible for advising on the allocation of outdoor advertising space for the official Olympics advertisers.

### ODA recruitment advertising during June:

NONE

### LOCOG recruitment advertising during June:

17/06/2009	Venue Technology Manager
12/06/2009	Infrastructure Implementation Manager
11/06/2009	Contractor Workforce Integration Manager
04/06/2009	Venues Project Manager

## Conclusions:

The Building and Construction sector is currently generating by far the largest number of contract opportunities on the London 2012 project. Whilst the ODA has already placed a significant percentage of its tier-one contracts, the opportunities currently appearing on CompeteFor are spread throughout the supply chain, with companies such as BAM Nuttall, Volker Stevin, Balfour Beatty, Carillion and Morrison, all looking for subcontractors.

If you are looking for contract opportunities with the 2012 Games it is vital to register and publish your details on the CompeteFor portal. The system has now become the main method of releasing tender opportunities, not only for the Olympics authorities, but increasingly by supply-chain contractors, and is also being used for many non-2012 opportunities.

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The URL for the system is: [www.competefor.com/london2012business](http://www.competefor.com/london2012business)

Companies operating in the construction sector and which are looking to supply the Lend Lease Athletes Village programme, have an additional opportunity source – the 'Village Supply Chain' portal. This operates separately from the CompeteFor system.

The URL for the system is: [www.villagesupplychain.com](http://www.villagesupplychain.com)

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