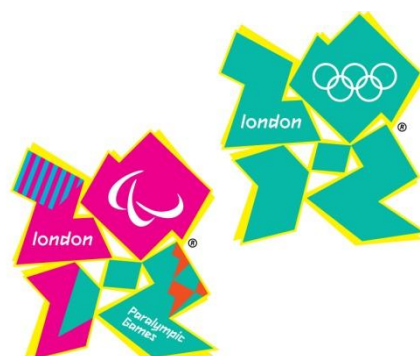


The London 2012 Business Network

Opportunities from London 2012

BULLETIN #29 – 26 July 2010

Opportunity



Opportunity Title

Bubble Line for Rowing and Sprint Canoe Events

Buying Organisation	The London Organising Committee of the Olympic Games and Paralympic Games Ltd
Website	www.london2012.com
Opportunity Method	Contract Opportunity
Opportunity Type	London 2012 supply chain (private sector)
Nature of Opportunity	Goods
Estimated contract value (GBP)	Not disclosed

About the Opportunity:

The purpose of this project is to provide a line of bubbles on the surface of the water to mark the finish line for the Rowing and Canoe Sprint competitions at Eton Dorney for the London Olympic Games and Paralympic Games.

Description

The bubble line marks the finish line on the water by creating a well defined and regular straight line of air bubbles across the width of the course. This is a very effective visual aid for the crews finishing their race, for the spectators and for television broadcast.

The bubble line must;

- Meet International Federation requirements for Rowing (international rowing federation) and Canoe Sprint (International Canoe Federation)
- Provide a continuous line of regular air bubbles on the surface of the

water across the width of the course.

- Be set 800mm past the finish line
- Be operational for all races during the Olympic and Paralympic rowing competition and the Olympic Canoe Sprint competition.

The bubble line design must account for the following;

- The air should be pumped into a straight and rigid pipe from a compressor
- The pipe must be laid across the course at the same depth as the Albano cables (resting on top of the cables)
- The total width of the eight Rowing lanes is 108 metres (the width of the eight Canoe Sprint lanes is 72m) and from bank to bank the water is approximately 140 metres.
- The pipe must have a series of holes to release the bubbles which will appear on the surface of the water
- It is recommended the pipe have a diameter of between 40mm – 50mm
- The pipe could be metal or poly irrigation pipe.
- Holes must be drilled in the hose at 20-30cm intervals. It is recommended the holes are c. 1mm - 3mm in diameter
- The pipe is attached to a rope (diameter 8mm) by means of a cable connection at 20cm intervals
- The whole apparatus should be fastened to each bank of the course and also to anchors on the bottom of the lake, to prevent the line from rising. It is recommended the anchors are 600kg at intervals of about 27m. It is recommended the tightening and installation of the system should be carried out in steps
- The finish line hose is filled with air by a compressor (capacity 7-9m³/min). The pressure is a minimum of 4-6 bars
- The location and size of the generator for the compressed air has to be considered carefully to ensure it does not impact a busy operational area around the finish line, in full view of broadcast and spectators.
- The generator for the compressed air should be silent. It is recommended the compressor is driven by an electrical motor to avoid noise and smell problems.
- The compressor should be capable of being switched on and off between races to ensure the finish line is clear of rough waves.
- The pressure in the pipe must be adjustable to enable the pressure to be increased or decreased as required
- The bubble line installation should not obstruct the set-up of the Albano cabling system during the lane transition from Rowing to Canoe Sprint

Bubble line to be installed and tested prior to the Rowing test event in July/August 2011 (first day of training 31 July 2011) and the Canoe Sprint test event in August/September 2011

Bubble line to be removed between the test events and the Olympic Games to allow the venue to continue their weed management programme, which involves dredging the bottom of the lake

The bubble line must be designed to take account of the environmental conditions of the site and water.

Shortlisted bidders will be asked to include maintenance costs for all equipment parts and costs for engineering support during the testing period and during the Games period.

About the buyer's selection process:

Responses to these CompeteFor questions will be evaluated and a shortlist of potential suppliers will be prepared. Successful applicants will be those which, in LOCOG's sole opinion, are most capable of fulfilling LOCOG's requirements as set out in this opportunity.

Successful shortlisted suppliers will be e-mailed with details of next steps after the opportunity has closed on CompeteFor. In addition to responding to these questions on CompeteFor, applicants should be prepared to provide evidence to their responses, in the event of being shortlisted.

Bidders should note that LOCOG may manage the next phase of the procurement process online using our eTendering system.

LOCOG operates a fair and transparent procurement process. Further information on that values that underpin LOCOG procurement can be found in our Diversity and Inclusion Business Charter, available here on the London 2012 website:

<http://www.london2012.com/businesscharter>

LOCOG's view of value for money is different to that of some other companies. In support of our vision for London 2012 (as described in the 'About the buyer' section below), we must consider a broad range of criteria when assessing proposals from bidders. As such, LOCOG defines value for money on the basis of a range of criteria, namely:

- Quality, delivery and disposal
- Commercial
- Sustainability
- Diversity and inclusion
- Legal, financial, health and safety

For further information about LOCOG and our procurement process,

please read the LOCOG Invitation to Tender (ITT) Part 1 which is available on the London 2012 website:
<http://www.london2012.com/ITT1>

About the buyer:

LOCOG is responsible for preparing and staging memorable Olympic and Paralympic Games in 2012. LOCOG is also responsible for staging a series of Test Events in the run-up to the Games; recruiting and training volunteers; and overseeing the four-year Cultural Olympiad leading up to the Games.

Find out more about LOCOG and the people delivering the Games:
<http://www.london2012.com/about-us>

LOCOG's vision is to use the power of the Games to inspire lasting change.

This means change in people's lives; in levels of sport participation; in attitudes to disability; and change in the communities across London, particularly east London. It means change in attitudes towards sustainability and protecting the world we live in; in how everyone participates and engages with the Games; and in how cities host the Games.

To realise this vision we aim to deliver Games that:

- provide experiences of a lifetime;
- capture the imagination of young people all over the world; and
- create physical, social and sporting legacies to meet the long-term needs of people and their communities.

Our suppliers will play a critical role in helping LOCOG to stage a memorable Games and supporting the delivery of our vision for London 2012. LOCOG contract opportunities cover a range of goods and services, split into eight different categories:

- Artists, performance and events
- Facilities management and catering
- Security
- Services
- Sports
- Technology
- Transport and logistics
- Venues and infrastructure

We will periodically update and share our schedule of future CompeteFor

opportunities. View the latest information on the London 2012 website:
<http://www.london2012.com/futureopportunities>

Delivery point	Eton Doreny Rowing Lake
Business Categories	<ol style="list-style-type: none">1. Sports clubs and associations2. Air compressors3. Sports equipment mnfrs and distributors4. Sports equipment repairs5. Adult education centres6. Construction management7. Pneumatic engineers8. Precision engineers9. Engineers' merchants10. Construction contractors - general11. Colleges - Higher Education12. Education Agencies and Authorities13. Structural engineers14. Civil engineers15. Mechanical engineers16. Aviation engineers17. Instrumentation engineers18. Industrial engineers19. Engineering materials20. Craft centres and shops21. Engineering services22. Sportsground and gymnasium equipment23. Mechanical handling engineers24. Engineers - general25. Educational training providers26. Hydraulic engineers27. Electrical engineers28. Art and craft materials29. Electronic engineers30. Engineering machine services31. Engineers - consulting32. Design engineers33. Schools and colleges - further education34. Educational services

CompeteFor response deadline	04/08/2010 17:00
Estimated tender close date	27/08/2010

Estimated
contract award 10/09/2010
date

Estimated
contract start 10/05/2011
date