



IT Directors Forum 13-6-7 LMN3

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Procurement Manager**

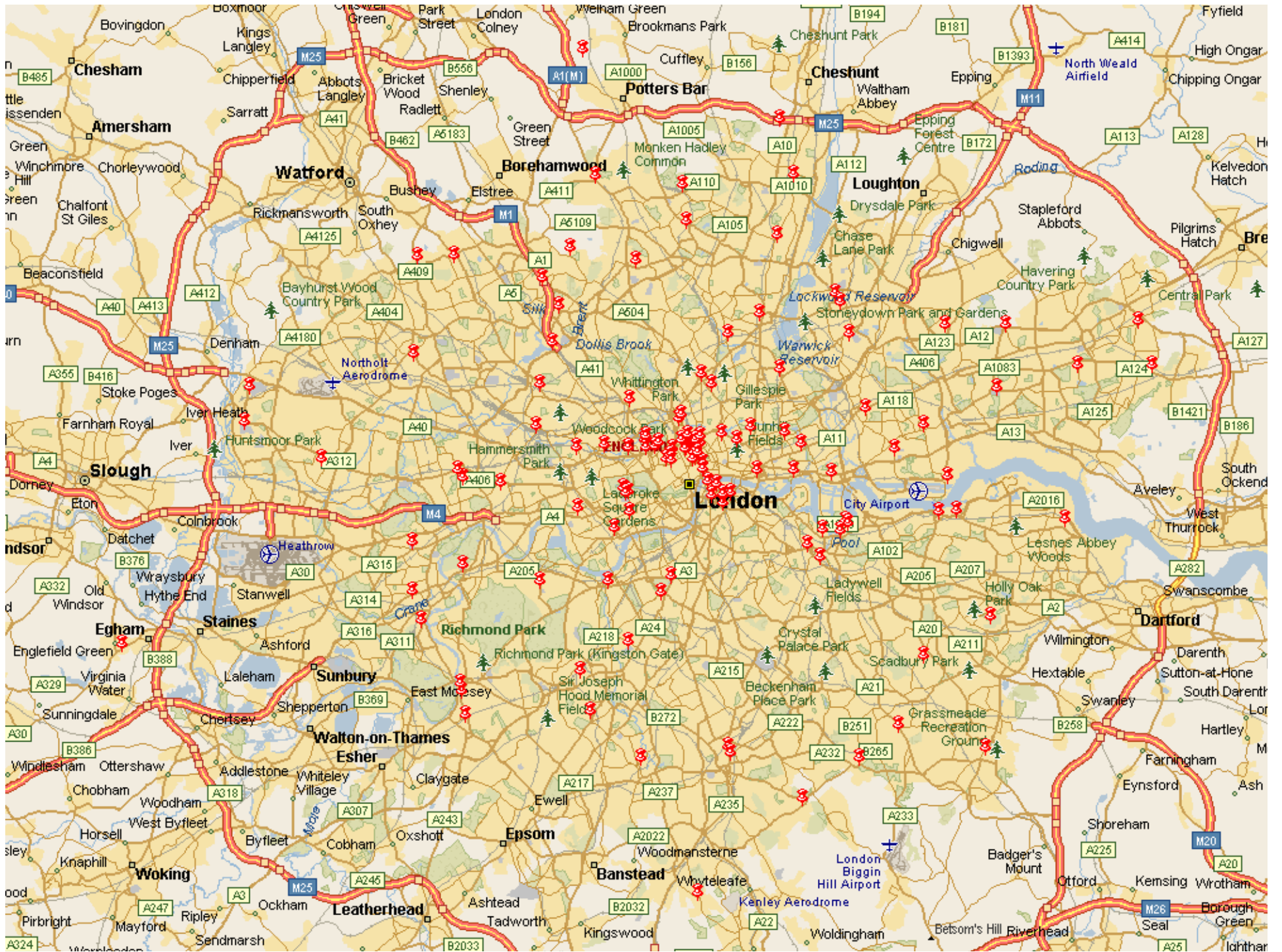
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Outline

- Background
- LMN3 requirements
- Transmission procurement
- IP Routing
- Resilience
- Non HE procurement
- Site issues

LMN community

- 147 connections
- Higher and Further education
- Adult and Community Learning and other educationally related institutions in Greater London



LMN3

- LMN3 transmission procurement launched August 2006
- Core capable of 147 connections to over 100 sites
- 3 PoPs connected initially at 10Gbps
- Two connections to SuperJANET5
 - 2 x 10Gbps at Stewart House and Imperial
 - JANET Lightpath (for research)

LMN3 requirements

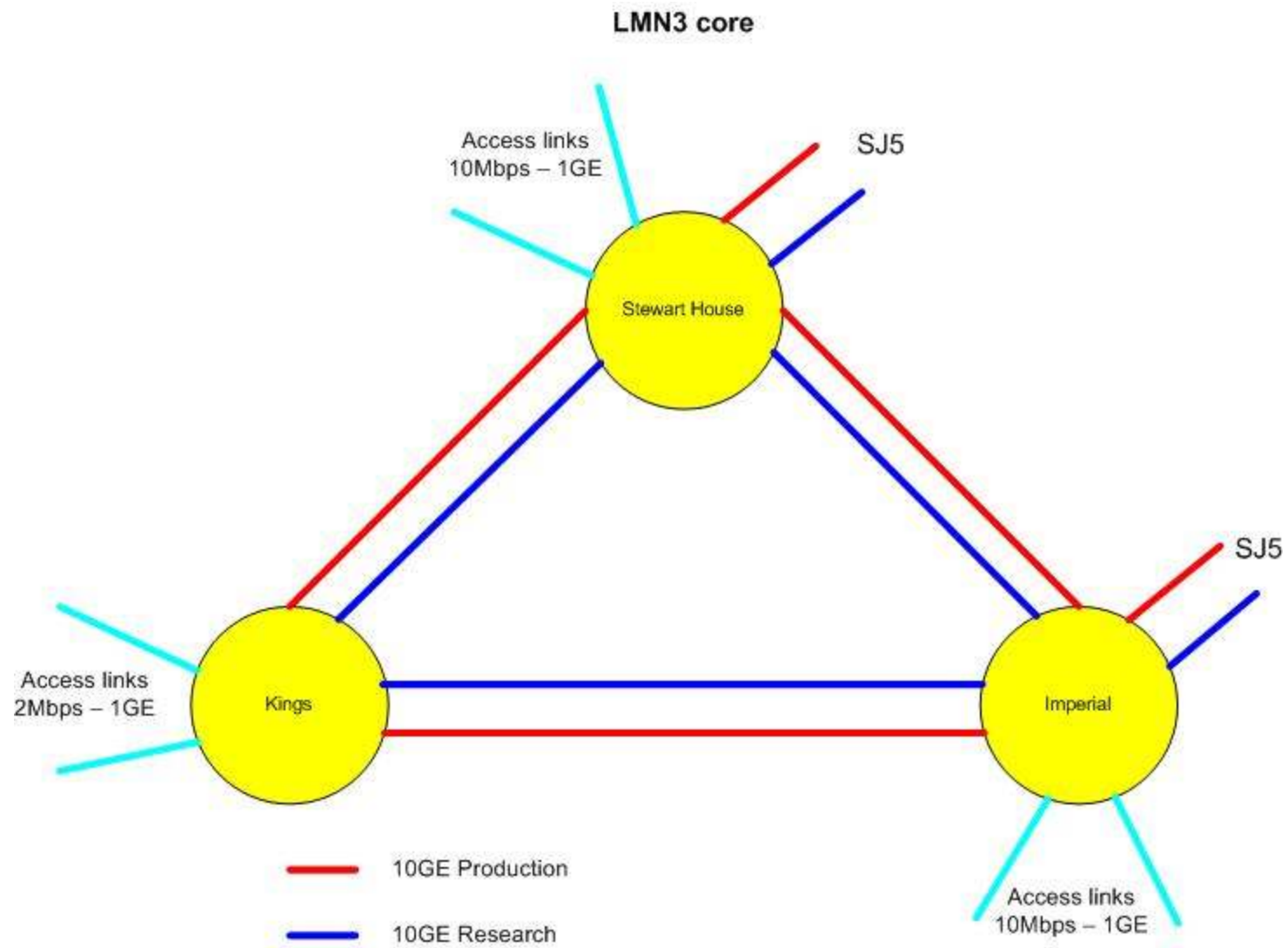
- **Reliability**
 - Must equal, preferably increase current levels
- **Scalability**
 - Network capacity must meet changing demands
- **Separability**
 - Not just IP production network. Research and development
- **Flexibility**
 - Adapt to additional network service requirements

Procurement timescales

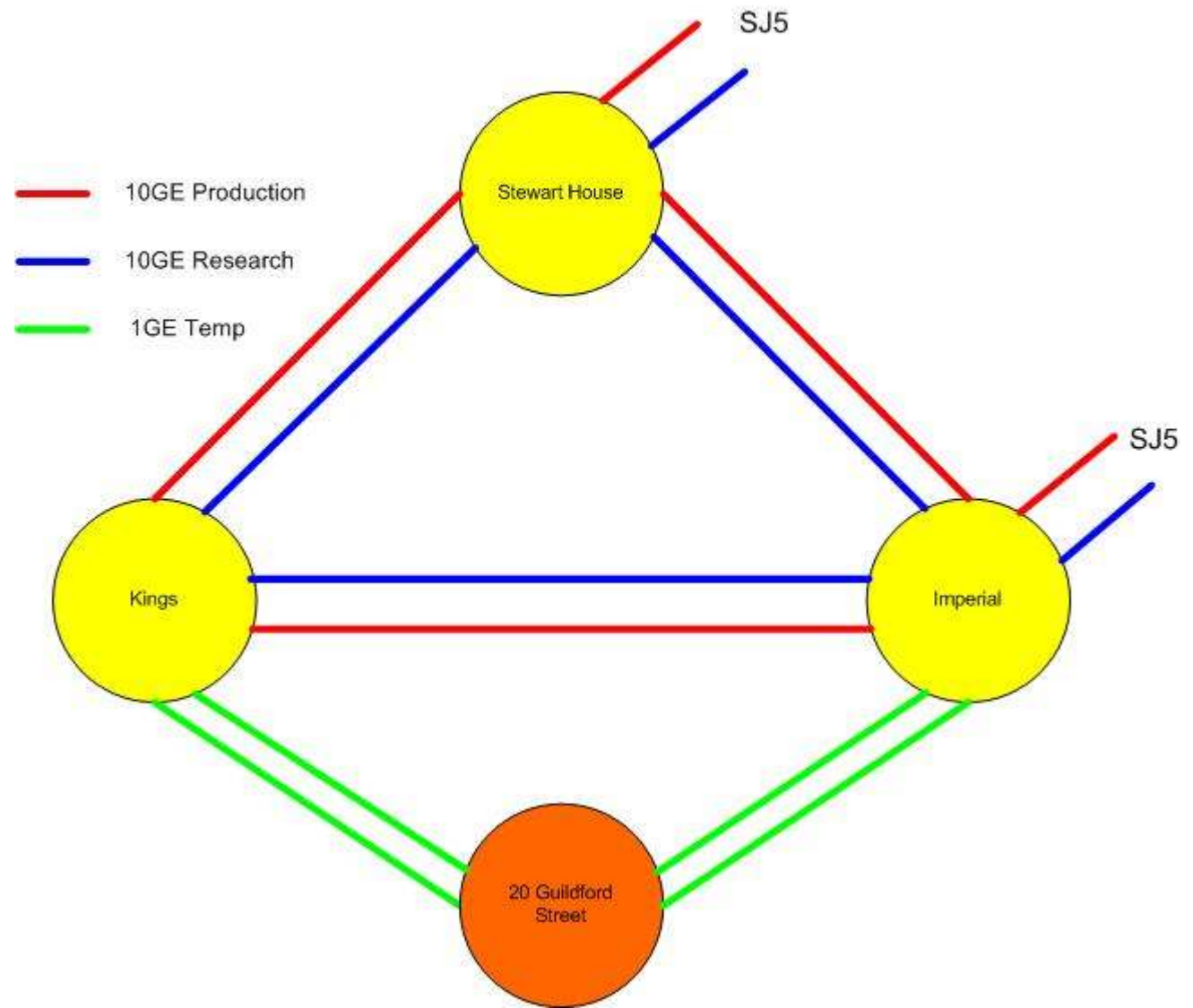
Activity	Date
Insert notice of procurement launch in the EU journal	Monday 21 st August 2006
Suppliers' briefing meeting	Wednesday, 6 th September 2006
Close of registration to take part in the procurement process	12.10pm GMT+1 on Monday, 25 th September 2006
Last opportunity to issue questions for clarification	12.10pm GMT + 1 on Thursday, 28 th September 2006
Prequalification questionnaire returns	12.10pm GMT+1 on Monday, 2 nd October 2006
Complete review of responses and shortlist suppliers to enter the procurement process	Monday, 16 th October 2006
Issue the LMN3 Invitation to Tender to shortlisted suppliers	Wednesday 18 th October 2006
Closing date for receipt of tenders	12.10pm GMT on Monday 4 th December 2006
Selection of preferred supplier	Wednesday 17 th January 2007
Contract placed with the preferred supplier	Monday 19 th February 2007
Target date for LMN3 operational service	End June 2007

Transmission Infrastructure

- 3 core PoPs
- Each PoP will connect access links from the Institutions
- Initial 10Gbit/s core
- Infrastructure dedicated to LMN
- Access links to Higher Education Institutions that require specialised bandwidth



LMN3 core



IP routing

- IP routing equipment at each core PoP
 - Imperial and Stewart House routers upgraded to accept 10Gbps SJ5 connections
 - Kings router fabric also upgraded
 - Further upgrades underway to cater for the new core and 1GE access links

Resilience

- Some institutions have purchased resilient circuits to LMN2
- Institutions placing more emphasis on resilience
- Key objective for LMN3
- Resilient circuits
 - Diversity and Separacy
 - Ideally second building/campus entry point

Non HE procurement

- Scope
 - Further Education
 - Adult and Community Learning
 - Other educationally related institutions
- Access links (2Mbps – 100Mbps)
- Procurement under the CATALIST framework
- Statement of Requirements

Non HE procurement timetable

Activity	Date
Statement of Requirements document issued	8 th November 2006
Deadline for requests for clarification on further competition	9 th December 2006
Closing date for submission of response to Statement of Requirements document	15 th December 2006
Order placed by	31 st January 2007
Delivery and acceptance by	30 th June 2007

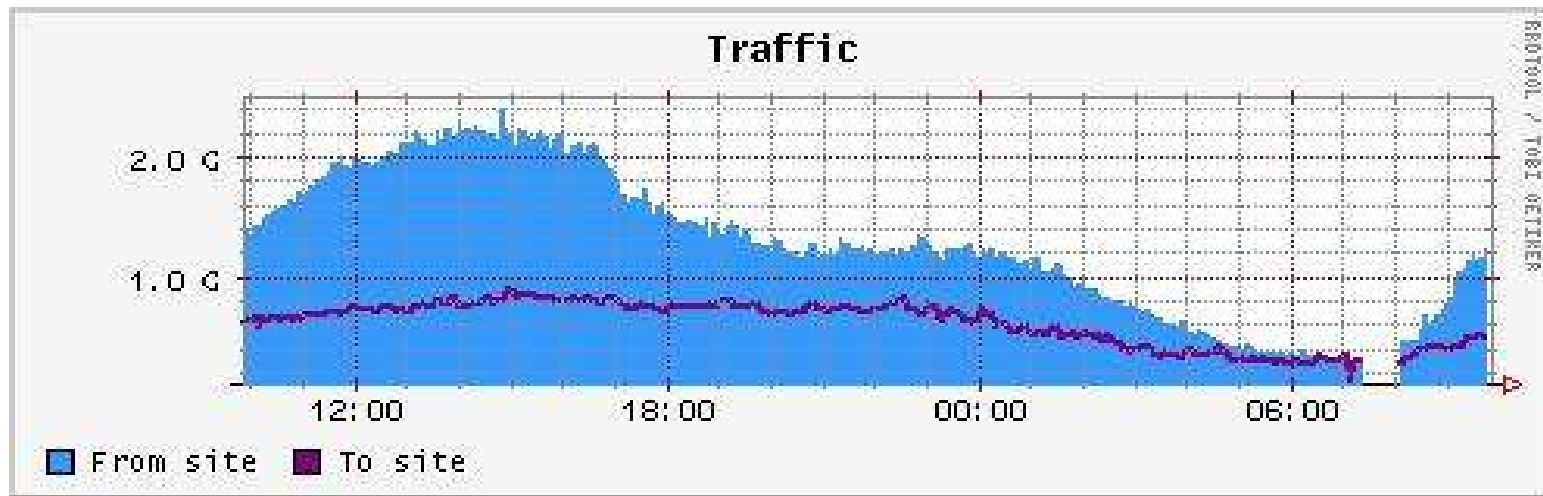
Site issues

- Majority of HEIs currently connected at 100Mbps
- HE production bandwidth presented at 1Gbps
- Possible implications for site routing equipment
- Managed bandwidth

Proposal for HEIs

- No longer routing interface casts for resilient circuits
- Resilient installation costs paid
- Possibly will fund 50-60% of recurrent costs
- Planning to fund up to £10K excl vat of site routing equipment

LMN <> SJ5



Operational management

- Currently contracted to Logicalis
- Contract expires April 08
- EU procurement necessary

Management procurement timetable

Length (days)	Date	Stage
15	Mid July	Collect information and produce pre-qualification questionnaire
21	August	Finalise PQQ and OJ Notice
1	1st October	Issue O.J. Notice
32	2th Nov	Cutoff for requests for PQQ
7	9th Nov	Closing date for return of PQQ (40 days, min=37)
21	30th Nov	Evaluation of PQQs
	1st Oct-30th Nov	Preparation of ITT
3	3rd Dec	Inform successful companies and issue ITT
		Inform unsuccessful companies
50	22nd Jan	1200: Deadline for return of ITTs (50 days, min=40)
30	21st Feb	Evaluation of ITTs and selection of successful company
14	7th Mar	Inform successful company and final negotiations
		Inform unsuccessful companies
7	14th Mar	New contract signed
48	1st May 2008	Start of new contract

Questions