

2nd August 2012

Louise Mittal on 020 7848 4006
Email: louise.mittal@kcl.ac.uk

Katie Watson
Camden Council
Camden Town Hall
Argyle Street
London
WC1H 8EQ

Dear Katie,

**Upgrade of cabin, installation of FDMS and air quality monitoring support services for Camden
Euston Road from 1st August 2012 to 31st July 2017**

I'm writing to provide you with cost estimates for the upgrade of your air quality monitoring station at Euston Road to add a TEOM FDMS 1405-DF to measure PM₁₀ and PM_{2.5} as you have requested by email and telephone to David Green. This includes the installation of a new cabin provided with air conditioning unit and an upgrade to the power supply.

Please bear in mind that some of these are cost estimates which may change once a full site survey has been carried out. Those costs which are most likely to change are the delivery, installation and commissioning, the extension of the concrete plinth and the upgrade of the electricity supply. I have tried to give a maximum estimate for these costs. The cost of the TEOM FDMS instrument, the new cabin and the King's commissioning processing costs will not change.

The five year data collection and management, audit, local site operation, service and maintenance and cylinder rental and supply costs for all instruments are also given. These costs are not subject to change. I have estimated a start date of 1st August but should this change, we would charge you pro rata for the period when the FDMS is operational.

As you have a contract with us for air quality monitoring and support services for the NOx until 31st March 2013, our data management costs start from this date although the full contract period is for 5 years. I believe you also have a service and maintenance contract with SupportingU running until 31st March 2013 and therefore, the NOx service and maintenance costs start from this date.

One more factor you will need to consider is what you would like to do with the old monitoring cabin. If you think you may have a use for it elsewhere, you may need to arrange to collect the cabin on the day of the upgrade. If you wish for the contractor to remove and/or dispose of the cabin, there is likely to be an extra charge for this.

If you have any questions on any of the above, please do not hesitate to contact me.

Cost

Installation and commissioning

TEOM/FDMS 1405-DF	£ 28,599
Roadside enclosure and air conditioning unit	£ 5,000
Delivery, installation and commissioning	(subject to site survey) £ 2,000
Extension to concrete plinth	£ 200
Upgrade electricity supply	(subject to site survey) £ 2,500
King's management of site installation	£ 1,880
Total	£42,050

Site running costs

The costs for LAQN membership and air quality monitoring support for 1st August 2012 to 31st July 2017 are £72,342 including FDMS parts insurance, as detailed in the table below.

	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Data Management, QA/QC, LAQN reporting	£1,447	£2,900	£2,900	£2,958	£3,017	£13,222
Data collection	£167	£500	£500	£300	£300	£1,767
Audit	£0	£968	£983	£998	£1,013	£3,962
Site modem SIM rental	£30	£90	£90	£90	£90	£ 390
Local site operation	£2,387	£4,418	£4,418	£4,506	£4,596	£20,325
Service and maintenance	£4,477	£6,506	£6,506	£6,506	£6,506	£30,501
Certified calibration gases	£435	£435	£435	£435	£435	£2,175
Total	£8,943	£15,817	£15,832	£15,793	£15,957	£72,342

Table 1 Cost for LAQN membership and air quality monitoring support services 1st August 2012 to 31st March 2017.

This quote is exclusive of VAT and is valid until 30th September 2012.

We look forward to continuing to work with you. If I can be of any further help please contact me on 020 7848 4006.

Yours sincerely

A handwritten signature in black ink that reads "L. Mittal". The signature is written in a cursive, flowing style.

Louise Mittal
Air Quality Monitoring

Cc Maria Lavender.