

GREATER LONDON AUTHORITY

REQUEST FOR DIRECTOR DECISION – DD2044

Title: Procurement and Award of UKMap & UKBuildings Data

Executive Summary:

The UKMap datasets contains land-use data at a greater detail than any other dataset which the GLA currently has access to. When combined with the observed building-level data from UKBuildings it will allow the GLA to carry out a number of pieces of analysis for Planning and Environment teams, including:

- informing the review of housing density contours;
- informing the London Energy Plan (identifying the potential of retrofit programmes); and
- undertaking Town Centre Healthchecks.

Rather than modelling down from ward or borough-level data, this data will allow us to build up from building and plot-level data. This decision therefore seeks the award of a contract to a supplier, Probrand to provide UKMAP and UKBuildings data.

Decision:

That the Executive Director approves the expenditure of ^{up to} £138,215 from the Intelligence Unit budget to award a contract to Probrand to provide UKMap and UKBuildings data for the GLA area following a procurement compliant process.

AUTHORISING DIRECTOR

I have reviewed the request and am satisfied it is correct and consistent with the Mayor's plans and priorities.

It has my approval.

Name: Jeff Jacobs

Position: Executive Director for Communities and Intelligence

Signature:



Date:

9.11.2016

PART I - NON-CONFIDENTIAL FACTS AND ADVICE

Decision required – supporting report

1. Introduction and background

1.1 The GLA is constantly seeking to improve the quality of its analytics and modelling to inform the development of policy and also its investment programmes. Traditionally, information about land use or existing building stock has been modelled down from borough or ward-level totals. The combination of UKMap and UKBuildings datasets will allow the GLA to model up from building-level data providing more accurate results.

1.2 **UKMap** is a highly detailed mapping database, accurately locating buildings and other features. For each of the features it contains background information including:

- points of interest;
- heights;
- land use; and
- housing above retail.

It will be linked to our definitive buildings and address databases from Ordnance Survey which don't contain these background details

1.3 **UKBuildings** provides supplementary information about buildings in particular:

- floor area;
- type and age of property;
- identifies mixed use buildings;
- number of floors; and
- detail use categories.

1.4 UKMap is already in use by TfL, London Fire Brigade and the Metropolitan Police. The data will help to inform a number of studies and pieces of work carried out by the GIS team with colleagues from planning and environment teams. Specific examples include:

- informing the review of housing density contours;
- informing the London Energy Plan (identifying the potential of retrofit programmes);
- Town Centre Healthcheck; and
- assisting with cross-checking of data for London Land Commission.

1.5 With the assistance of TfL Procurement, a mini competition was conducted via the TfL Reseller Framework. The responses were evaluated in accordance with the stipulated evaluation criteria. Probrand was the successful supplier as they provided the most competitive pricing. This contract includes the initial supply of data in 2016/17 and updates at 6 monthly periods in 2017/18 and 2018/19. The contract with also include a break clause after the first year as GLA currently does not have funding for the total three year period.

1.6 The price includes:

- UKMap data for the GLA area including residential and non-residential building detail for the GLA area;
- Boroughs and contractor licences (annual corporate licence for internal use. Data licenced for use by boroughs and contractors for GLA related work only. Derived data may be published provided source data is acknowledged and is not directly accessible); and

- UKMap data includes latest aerial imagery and near infra-red (NIR) data. This is planned for 2016 but is subject to suitable flying conditions and air traffic control restrictions.

2. Objectives and expected outcomes

- 2.1 The objective is to obtain a dataset which will provide a valuable source of data on land use throughout London.
- 2.2 The data is initially required for the studies listed in 1.4 but, once purchased, it will find extensive use in other upcoming projects.
- 2.3 The data will be used in the GLA's GIS and will be accessible for use throughout the GLA.

3. Equality comments

- 3.1 The GLA is a public authority which must comply with the Public Sector Equality Duty set out in section 149 (1) Equality Act 2010. This provides that, in the exercise of their functions, public authorities must have due regard to the need to:
 - Eliminate discrimination, harassment, victimisation and any other conduct that is prohibited by or under the Equality Act 2010;
 - Advance equality of opportunity between persons who share a relevant protected characteristic and persons who do not share it; and
 - Foster good relations between persons who share a relevant protected characteristic and persons who do not share it.
- 3.2 The obligation in section 149(1) is placed upon the Mayor, as decision maker. Due regard must be had at the time a particular decision is being considered. The duty is non-delegable and must be exercised with an open mind.
- 3.3 The data will be used to ensure access to jobs across different parts of London and that vibrant Town Centres are maintained in outer as well as inner London.

4. Other considerations

- 4.1 Possible risk is that the data is not delivered.
Mitigation – the initial data will be supplied as a single package and payment will be made after the supply of the data.
- 4.2 Possible risk is that there are – Missing tiles or tiles are out of order.
Mitigation – The supplier has their own Quality Assurance processes, however, the GLA GIS team will devise and carry out their own checks on receipt of the data
- 4.3 Links to Mayoral strategies and priorities – The data will support work on brownfield land, major developments and housing. The data will form part of the evidence base required to develop and support the London Plan.
- 4.4 Impact assessments and consultations – The impact of not making this purchase is that decisions will not be able to be made or will be made on out-of-date information. There is no financial impact of making the decision as it has already been profiled in the 2016/17 budget.

5. Financial comments

- 5.1 Approval is being sought for expenditure of up to £138,215 for the procurement of UKMap and UKBuildings for the GLA area. The contract will be for a three year period from 2016/17 to 2018/19, with a break clause after the first year. The Intelligence Unit will review the GLA use of the database after the first year before deciding to renew the contract for a further two year with no break clause as stipulated by the provider.
- 5.2 The budget for future years cannot be guaranteed at this stage, and is subject to approval as part of the budget setting process in 2017/18 and 2018/19. If budget is not allocated for this contract the costs would have to be met from within the Intelligence Unit.
- 5.3 The costs for this procurement will be met from a number of different budget sources as listed below.

Name	Funded From	2016/17 £	2017/18 £	2018/19 £	Total £	Notes
WITAN Project	GG.0220.009	20,000	20,000		40,000	MD1522 approved the receipts of income from Mastadon C for Innovate UK for City Modelling-Witan Project (3 year project 2015/16 to 2017-18). This funding will be claimed from the data funds held by WITAN.
Ordnance Survey	GG.0220.003.003		30,699	50,699	81,398	This budget is subject to future budget setting process allocation.
EPBU	GE.0382.002	16,817			16,817	Budget to transfer from EPBU - 2050 Infrastructure Mapping Application
Total		36,817	50,699	50,699	138,215	

- 5.4 The costs will be managed by the Intelligence Unit.

6. Legal comments

- 6.1 The GLA's principal purposes, under section 30 of the Greater London Authority Act 1999, are promoting economic development and wealth creation, promoting social development, and promoting the improvement of the environment, all in Greater London. The GLA has power to do anything which it considers will further any one or more of its principal purposes.
- 6.2 Sections 1 to 4 of this report indicates:
- that the decision requested falls within the GLA's statutory powers to do things considered to further, or which are facilitative of, conducive or incidental to the discharge of, its general functions; and

- that due regard has been had to the principle that there should be equality of opportunity for all people further details on equalities are set out in section 3 above) and to the duty under section 149 of the 2010 Act to have due regard to the need to eliminate unlawful discrimination, harassment and victimisation as well as to advance equality of opportunity and foster good relations between people who share a protected characteristic and those who do not¹.

- 6.3 The Authority also has a subsidiary power pursuant to Section 34 of the Act. This gives the Mayor the authority to do anything which is calculated to facilitate or, is conducive or incidental to the exercise of any of the statutory functions of the Authority.
- 6.4 Under Section 4.1 of the GLA's Contracts and Funding Code (the "Code")) this requires the GLA to undertake a formal tender process or make a call off from an accessible framework for procurements with a value between £10,000 and £150,000. As noted in paragraph 1.6, officers have undertaken a call off from a suitable framework. Officers must ensure that an appropriate contractual document is put in place.

7. Planned delivery approach and next steps

Activity	Timeline
Procurement of contract [for externally delivered projects]	19/9/2016 – 23/9/2016
Announcement [if applicable]	n/a
Delivery Start Date [for project proposals]	PO plus 1 working day
Final evaluation start and finish (self/external) [delete as applicable]:	PO plus 10 working days
Delivery End Date [for project proposals]	n/a
Project Closure: [for project proposals]	31 March 2019

Appendices and supporting papers: none

¹ The protected characteristics and groups are: age, disability, gender reassignment, pregnancy and maternity, race, gender, religion or belief, sexual orientation and marriage/ civil partnership status.

Public access to information

Information in this form (Part 1) is subject to the Freedom of Information Act 2000 (FOI Act) and will be made available on the GLA website within one working day of approval.

If immediate publication risks compromising the implementation of the decision (for example, to complete a procurement process), it can be deferred until a specific date. Deferral periods should be kept to the shortest length strictly necessary.

Note: This form (Part 1) will either be published within one working day after approval or on the defer date.

Part 1 Deferral:**Is the publication of Part 1 of this approval to be deferred? NO**

If YES, for what reason:

Until what date: (a date is required if deferring)

Part 2 Confidentiality: Only the facts or advice considered to be exempt from disclosure under the FOI Act should be in the separate Part 2 form, together with the legal rationale for non-publication.

Is there a part 2 form – NO

ORIGINATING OFFICER DECLARATION:

Drafting officer to
confirm the
following (✓)

Drafting officer:

Paul Hodgson has drafted this report in accordance with GLA procedures and confirms that:

✓

Assistant Director/Head of Service:

Andrew Collinge has reviewed the documentation and is satisfied for it to be referred to the Sponsoring Director for approval.

✓

Financial and Legal advice:

The Finance and Legal teams have commented on this proposal, and this decision reflects their comments.

✓

Corporate Investment Board:

The Corporate Investment Board reviewed this proposal on 10 October 2016.

EXECUTIVE DIRECTOR, RESOURCES:

I confirm that financial and legal implications have been appropriately considered in the preparation of this report.

Signature



Date

7. 11. 16