



Office for
National Statistics

Invitation to Tender

Mobile Data

Version: [v 1.0 Final]
Date: [25/07/2016]

Document Ref: [REDACTED]

This document is an **Official - Sensitive** document and must be handled appropriately, in accordance with National Statistics security policies.

Table of Contents

- 1. Introduction**
- 2. Instruction on Response**
- 3. Background Information**
- 4. Scope**
- 5. Technical Requirements**
- 6. Contact Details**
- 7. Pricing**
- 8. Terms and Conditions**

1 Introduction

The Office for National Statistics (ONS) is the executive office of the UK Statistics Authority, a non ministerial department which reports directly to Parliament. ONS is the UK Government's single largest statistical producer. It functions as:

- the office of the National Statistician, who is also the UK Statistics Authority's Chief Executive and principal statistical adviser
- the UK's National Statistics Institute (or NSI - to use European terminology), and
- the 'Head Office' of the Government Statistical Service (GSS) Governance

ONS operates under two levels of governance.

- strategic oversight is provided by the Statistics Authority
- day-to-day management is the responsibility of the National Executive Group (NSEG)

ONS is the UK Government's main survey organisation and its main producer of official statistics. It is also the central co-ordinating agency for the wider Government Statistical Service (GSS).

ONS is responsible for producing a wide range of key economic and social statistics which are used by policy makers across government to create evidence-based policies and monitor performance against them.

This Contract award is likely to be week commencing **8th August 2016**.

2 Instruction on Response

2.1 Procurement Process and Timetable

Procurement Overview

This procurement is being conducted under [REDACTED] as a competitive exercise.

Invitation to Tender (ITT)

This SOR document is issued to parties sourced by Procurement Unit for the services required by the ONS and should submit bids according to the instructions contained in this section.

Evaluation

Bids will be evaluated according to criteria as set out in Sections 2.3 and 2.4 below.

Procurement Timetable

The indicative timetable for the bidding process through to award of the Contract is shown in the following table, but may be subject to change.

Key Stage	Event	Date/Time
ITT Period	Issue ITT	26 July 2016
	Clarification Deadline	01 August 2016
	ITT Return Deadline	03 August 2016
Evaluation	ITT Opening	03 August 2016
	Assessment Start	03 August 2016
	Conclusion of Assessment	05 August 2016
	Notification of contract award decision	10 August 2016
	Award Contract (if applicable)	10 August 2016

Response

You should provide an electronic version submitted via the In-Tend system. Please provide the pricing in a separate document **and should arrive no later than 12 noon Monday 03rd August 2016.**

The electronic version should:

- be compatible with Microsoft Office 2007;
- not incorporate a password protection; and
- be submitted in English.

ONS reserves the right not to accept proposals received after the deadline date and time given above. ONS will confirm receipt of the BIDDERS' tender responses.

2.2 Querying and Clarifying the ITT

If you have any clarification questions on any points within this ITT you must submit these by 5PM Tuesday 01st August 2016.

ONS will respond to all clarifications submitted by 01st August 2016 within 3 working days.

Please use the format below to submit queries/clarifications. Enter each clarification question on a new row. ONS requests that the table is annotated for each clarification so that it contains a full history.

Date	Supplier	Section	SOR Para	Page	Description of Clarification	ONS Response

ONS will operate the same system in seeking clarification on any elements of the BIDDERS response to the ITT.

2.3 Evaluation Process

All proposals received in response to the SOR will be evaluated in order to select one supplier. The evaluation process will comprise:

- A check for completeness and compliance with the terms and conditions of this SOR. Any proposals failing to meet these initial checks will be clarified with BIDDERS.
- An evaluation of the Proposal submitted to meet the requirements of the SOR. ONS may clarify issues with BIDDERS at this stage if they believe that the information provided does not adequately answer its questions.
- Further evaluation of the ability of the BIDDER to implement the delivery of the proposed solution. This evaluation may include, but is not limited to:
- Financial assessment of the proposals;

BIDDERS should note that failure to respond to any requirement in the format requested may lead to a zero score allocated to that requirement during evaluation. ONS cannot make assumptions of a BIDDERS capability without supporting evidence.

As part of the evaluation process, BIDDERS must be prepared to provide amplification or clarification of their Proposal.

2.4 Evaluation Criteria

The Contract will be awarded on the basis of affordability of BIDDERS and their relevant skills and qualifications. i.e., the Proposal offering the best overall value for money over the lifetime of the Contract.

BIDDERS response to section 5 will be scored in line with the following scoring mechanism.

While ONS will use a scoring model to evaluate proposals, it will be used as an indicator to support its professional judgement

Tenders will be evaluated based on the following criteria:

[REDACTED]

- [REDACTED]
- [REDACTED]
- [REDACTED]

- **Please price each data requirement individually. Please note that prices will not be scored individually, pricing will be scored overall. ONS reserves the right to only purchase each data requirement it deems suitable**

2.6 Transparency Requirements

In compliance with the Government's commitment to greater transparency of expenditure by the public sector, the Commercial Services Division of ONS is required to publish the details of all new ICT and Non-ICT contracts over £10,000 let since the 1st July 2010. ONS is also obliged to publish all new Tender Documentation issued after the 1st September 2010. BIDDERS should note this obligation when submitting bids for this Requirement.

ONS may consult with the BIDDER to inform its decision regarding any redactions but ONS shall have the final decision in its absolute discretion.

2.7 Disclaimers

BIDDERS should not rely on any information previously provided to them by ONS or other sources, whether verbally or in writing and whether or not it formed part of this procurement process. The only information upon which they should base their responses is contained in this SOR and other associated documents.

Whilst reasonable endeavours have been made to produce an accurate description of the requirements, BIDDERS should form their own conclusions about the methods and resources needed to meet those requirements. ONS cannot accept responsibility for any BIDDERS interpretation of these requirements.

BIDDERS should note that they must bear all costs and expenses of responding to the SOR. ONS reserves the right to withdraw from the tender process at any time. Under no circumstances will ONS refund any expense incurred by BIDDERS.

ONS is not responsible for any omissions or errors within this SOR or any other associated documents. ONS will use best endeavours to answer any questions arising from this SOR.

You are informed that ONS has the right:-

- not to accept the lowest or any tender which may be submitted for our consideration;
- not to accept proposals which arrive outside the scheduled return date and time; and
- to acquire similar services from sources other than the successful BIDDER to this procurement.

ONS retains the right to de-scope the range of services within the Contract in specific circumstances or at specific stages of the Contract. These circumstances will be communicated to the BIDDERS, but may include circumstances such as funding for the project being cut, or issues outside the control of ONS.

This SOR is for information only and does not imply any guarantee or obligation on the part of ONS.

3 Background Information

The Office for National Statistics (ONS) is the UK's national statistical institute and largest producer of official statistics, with responsibility for collecting, compiling, analysing and disseminating a range of key economic, social and demographic statistics about the UK.

Our strategy, '**Better Statistics, Better Decisions**', sets out ONS's ambition to be an organisation that:

- Is innovative and creative - providing a firm evidence base for sound decisions
- Understands the questions that face government, citizens and business in the UK
- Produces high quality statistics, analysis and advice to help Britain make better decisions.
- Focuses our surveys on the areas of greatest benefit and delivers them digitally
- Uses our position to make the UK's data infrastructure world class
- Produces high quality statistics that meet customer needs and are worthy of their trust.

Everything we do needs to be aimed at supporting well based decision-making, whether public policy and debate, the commercial decisions of UK enterprises or by people, in pursuit of their lives. Unless ONS is successful in this, its value would be limited, so this must be the touchstone.

4 Scope

The Office for National Statistics (ONS) is the UK's National Statistical Institute and is the largest producer of official statistics on the economy and population. Traditionally, these statistics have been produced from data collected through national statistical surveys and the decennial population census although in recent years there has been more incorporation of the large administrative data collections held in government departments.

In recent years, the evolution and adoption of new technologies such as the internet and wireless communications has led to the generation of huge amounts of digital information on the interactions people make. This data may reveal patterns or behaviours in the population that would have relevance for some official statistics.

The geo-coded data generated passively by mobile phones, internet use or other GPS recordings is of key interest to ONS as it has the potential to inform on population densities and mobility, both of relevance to ONS outputs. The primary focus to date has been on the potential of using these data (esp. mobile phone data) to model commuting flows as customarily produced in Census.

The aim of this research project is to access modelled commuting flows as currently produced in the private sector using geo-coded data.

The research project will compare these flows with equivalent flows from the 2011 Census and other relevant data available within ONS. An evaluation of the potential of these data to produce Census flows will be made together with recommendations on how the modelling might be improved.

5 Technical Requirements

This section covers the data requirements that make up this SOR. BIDDERS are asked to review the requirements and respond accordingly.

5.1 Mandatory Requirement

Responses in 5.1 will be marked as Pass/Fail

5.1.1 Weighted MSOA Estimates **M**

<p>Overview</p> <p>The Successful BIDDER must provide the following:</p>
<p>Requirement</p> <p>Fully weighted MSOA level estimates of Origin-Destination (home-work) matrices, for an area spanning at least 3 Local Authorities. I.e. to identify all commuting flows into and out of the sample area.</p> <p>For clarity: if an individual is inferred as having a commuting journey from MSOA A to MSOA B and does this commute 3 times per week (on average), then they will form a flow of 1 from MSOA A to MSOA B.</p> <p>These flows are to be broken down into numbers of commuters by a main mode of transport. For commuters with more than one transport mode, main mode is defined as the mode used to cover the greatest distance of their overall commuting journey.</p> <p>Main mode of transport to include road vehicle, train or other mode.</p>
<p>Response</p> <p>Please delete as appropriate</p> <p>We confirm we can/cannot provide the required data</p>

5.2 Equivalent MSOA Flows **D**

<p>Overview</p> <p>Equivalent MSOA flows of average commuting</p>
<p>MSOA level origin-destination average commuting flows: identifying average weekday numbers of commuters by main mode of transport.</p> <p>For clarity: if an individual is inferred as having a commuting journey from MSOA A to MSOA B and does this commute 3 times per week (on average), then they will form a flow of 0.6 from MSOA A to MSOA B.</p> <p>These flows are to be broken down into average numbers of commuters by a main mode</p>

of transport. For commuters with more than one transport mode, main mode is defined as the mode used to cover the greatest distance of their overall commuting journey.

This data may also be differentiated by average commuting flow per hour.

The reference time period, total area covered and transport modes should be the same as for 5.1

Response

Please delete as appropriate

We confirm we can/cannot provide the required data

6. Contact Points

6.1 Contact Points for ONS:

<p>Contract Manager [Redacted] ONS [Redacted] [Redacted] [Redacted] @ons.gsi.gov.uk</p>	<p>Procurement Contact Gary Evans [Redacted] [Redacted] [Redacted] [Redacted] @ons.gsi.gov.uk</p>
--	--

6.2 Contact Points for the BIDDERS:

Requirement

BIDDERS should nominate specific individuals who are suitably qualified and experienced to act as their contract manager throughout the life of the contract. Where appropriate, a deputy should also be indicated.

Response

For the BIDDERS

Lead Contracting Contact:

Contracting Body (where applicable):

Relationship of BIDDER to Contracting Body (where applicable):

Address:

Telephone:

Fax:

E-Mail:

7 Pricing

7.1 Price

Requirement
ONS requires BIDDERS to submit an overall price in order to assess affordability but also provide individual prices in line with section 2.4.
Response



8. Terms and Conditions

Data Licence Agreement as supplied with this ITT which ONS invites BIDDERS to consider or propose a variant (such as BIDDERS own terms) given the nature of the requirement.