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Planning

TfL_scp_002495 Bus Innovation

Transport for London

F01: Prior information notice

Prior information only

Notice identifier: 2024/S 000-025407

Procurement identifier (OCID): ocids-h6vhtk-0489d4

Published 12 August 2024, 12:42pm

Section I: Contracting authority

I.1) Name and addresses

Transport for London

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LONDON

E201JN

Contact

Sean Chou

Email

seanchou@tfl.gov.uk

Telephone

+44 3432221234

Country

United Kingdom

Region code

UKI41 - Hackney and Newham

Companies House

TRANSPORT FOR LONDON

Internet address(es)

Main address

www.tfl.gov.uk

Buyer's address

www.tfl.gov.uk

I.3) Communication

The procurement documents are available for unrestricted and full direct access, free of charge, at

www.tfl.gov.uk

Additional information can be obtained from the above-mentioned address

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

General public services

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

TfL_scp_002495 Bus Innovation

Reference number

Ref: TfL_scp_002495

II.1.2) Main CPV code

- 34121300 - Double-decker buses

II.1.3) Type of contract

Supplies

II.1.4) Short description

The Mayor's Transport Strategy (2018) and Vision Zero action plan (2018 and progress report in 2021) set out Transport for London's (TfL) bold commitment to eliminate all deaths and serious injuries from the transport network by 2041. As part of this, we committed to ambitious targets to reduce the number of people killed or seriously injured on, or by, a bus by 70 per cent by 2022 against the 2005- 2009 baseline and for no-one to be killed on, or by, a London bus by 2030. The Bus safety strategy (2023) sets out our priorities to ensure that we deliver on these targets.

Bus occupants (customers and drivers) account for the highest proportion of serious injuries in terms of casualties on, or by, a bus, making up approx. 50 per cent. Customer safety is the focus of our current Bus Safety Innovation Challenge and involves working with operators and innovators in the field to shortlist, trial and fully evaluate pioneering technologies, with the aim of influencing passengers to carry out safe behaviours while travelling on London buses.

One of the innovations TfL would like to trial to influence passenger behaviour and reduce slips, trips and falls is an upper deck seat counter display. This will aim to encourage physically able customers to sit upstairs by visually displaying the number of available seats on the upper deck at the front of the bus where passengers board. This should be a simple 'seat counter' display, with the number of seats available clearly shown. We would additionally consider options that allow for this information to be communicated audibly, though the visual display is an essential requirement. TfL are aware there will be variety of technical options available to achieve an accurate count of the available seats on the upper deck and will consider all options proposed by suppliers.

The trial will likely take place on 10-20 London buses (detailed methodology not set at this stage) and will be robustly evaluated by an external supplier already appointed by TfL. Please consider the trial size detailed here when completing the MSQ. If the trial is

deemed successful in influencing passenger behaviour and reducing incidents, the innovation may be something that will become a requirement in the Bus Safety Standard (BSS) for new London buses entering the fleet (however please note that TfL does not directly procure or endorse specific products, preferring to set a performance outcome requirement specification for bus manufacturers to meet).

The Early Market Engagement will seek views on a number of aspects, including supplier and service provider appetite, capacity and capability, as well as gauging the general level of interest in this opportunity.

If you have any questions regarding this PIN and MSQ please contact:

ChrisStratton@tfl.gov.uk.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.3) Place of performance

NUTS codes

- UKI - London

II.2.4) Description of the procurement

Transport for London (TfL) is undertaking an Early Market Engagement exercise, by inviting potential suppliers to complete a Market Sounding Questionnaire (MSQ) and attend a 1:1 supplier meeting for an upper deck seat counter display solution for double decker London Buses.

Early Market Engagement process

1. Prior Information Notice, and MSQ issued (MS Forms link)
2. Return Expression of Interest and MSQ
3. Supplier 1:1 meeting
4. Business decision on the next steps

Prior Information Notice (PIN)

The PIN is the first stage of this Early Market Engagement. This is to inform the market of TfL's current strategy and business requirements as it pertains to the Services required, and how to register interest and complete the MSQ linked within this document.

Expression of Interest (EOI)

To express an interest for this opportunity, interested bidders must confirm via email: ChrisStratton@tfl.gov.uk by 09:00, Monday 16rd September 2024.

You must provide:

- Organisation Name
- Company Registration
- Key contact name
- Key contact email address
- Telephone Number

Market Sounding Questionnaire

The MSQ seeks to obtain feedback from the market in relation to the project and its requirements.

Interested parties are invited to complete the MSQ and return their responses.

Any feedback received will be reviewed, analysed, and may be considered by the project team in developing any subsequent procurement strategy for any potential procurement activity.

Link to MSQ: <https://forms.office.com/e/hCHbvjV3Dh>

To send any attachments which support answers to the MSQ, please email them to msqinnovation@tfl.gov.uk using the subject header TfL_scp_002495 Bus Innovation [include your company name].

II.3) Estimated date of publication of contract notice

10 February 2025

Section IV. Procedure

IV.1) Description

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: Yes

Section VI. Complementary information

VI.3) Additional information

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Supplier 1:1 Meetings

After receiving and reviewing the MSQ responses, TfL will invite individual suppliers to engage in further 1:1 supplier meeting to discuss and clarify the supplier's response.

We envisage supplier 1:1 meetings will last one hour, covering:

A description of your product, including the following (up to 20 minutes):

- o How it works
- o How the system will be installed and integrated into existing bus electrical architecture. Evidence that the Electronic Sub Assembly (ESA) system meets ElectroMagnetic Compatibility (EMC) to Regulation 10 as amended will need to be provided
- o What you will require from bus operators and TfL to get it installed on buses for the trial
- o Associated cost estimates
- An opportunity for TfL to ask the suppliers questions, and the supplier to ask TfL questions (up to 40 minutes)