



## Real Time Passenger Information — Provision of Electronic Displays – Framework Contract Award (17 153)

**Committee** Operations

**Date of meeting** 10 November 2017

**Date of report** 31 October 2017

### Report by Assistant Chief Executive (Operations)

#### 1. Object of report

To recommend the Committee approve the award of a framework contract for the supply and installation of Real Time Passenger Information (RTPI) displays.

#### 2. Background

Members may be aware that in 2016 SPT commenced operation of a new regional Real-Time Passenger Information (RTPI) system. Replacing legacy systems in Glasgow and Ayrshire, the main focus of the new system is to disseminate accurate and up to date information to bus users, via electronic displays at key bus stops & interchanges. However, the availability of open data for RTPI use creates the opportunity to utilise this data to feed traffic management systems. The collection of robust accurate network performance data will permit operators, the Public Transport Authority and the Local Authority traffic management teams to make bus priority and traffic system signalling adjustments to improve service reliability.

The RTPI system now includes over 500 electronic displays located at bus stops across nine local authority areas, providing RTPI on circa 430 bus services provided by participating bus operators. With the establishment and success of the new system, there is a growing demand by local authorities, bus operators and the travelling public to expand the provision of electronic displays across Strathclyde. The importance of 'Open Data' on local bus services, supporting deployment & expansion of RTPI systems, was also highlighted in Transport Scotland's recent consultation on Local Bus Services<sup>1</sup>.

Additionally, members will recall that provision for Expansion of RTPI was approved by the Partnership on 10 February 2017 as part of the 2017/18 Capital Programme. Additionally, a number of local authority bus projects include provision for RTPI displays. SPT have subsequently received detailed requests for new displays from Glasgow City Council, Renfrewshire Council and East Dunbartonshire Council, respectively, alongside a number of further enquiries. It is therefore anticipated that demand for new displays is likely to grow further, including in connection with a number of City Deal initiatives. Further to this, there is also a need to replace a number of older displays at SPT's Bus

<sup>1</sup> <https://www.transport.gov.scot/media/39681/local-bus-services-in-scotland-a-consultation.pdf>

Stations, which are increasingly becoming obsolete. A breakdown of current RTPI displays by location is provided in Appendix 1 for reference.

This has most recently been advanced by the introduction of the new GPS enabled on-bus electronic ticketing machines being deployed by local bus operators.

Considering the current and anticipated future demand for displays, SPT require to establish an efficient route to procure and install additional displays that can support the variable demand from its partners and tight project timescales. SPT have therefore elected to procure real-time displays through a framework contract.

In September 2017, a tender for RTPI (Real Time Passenger Information) — Provision of Passenger Display Signs, to be made available to all 12 local authorities in Strathclyde, was advertised Europe wide by SPT via the OJEU process.

### **3. Outline of proposals**

SPT propose establishing a supply and installation framework to provide an efficient procurement route for the range of displays that SPT may require to support the region-wide RTPI system.

#### Scope of Works

In terms of the tender, key requirements included the following:

- Supply and install various types of LED displays (number of lines and characters);
- Supply and install various sizes of Thin-Film-Transistor (TFT-LCD) displays;
- Supply display poles and brackets;
- Design and install display foundations;

#### Procurement Approach

Procurement has been taken forward as a framework contract seeking a single supplier who can be SPT's display supply partner for a range of display types for a period of 4 years. A single supplier approach has been adopted to achieve an efficient display delivery and installation process and ensure a consistent style and quality of displays across the Strathclyde area.

The advertisement notice for the RTPI (Real Time Passenger Information) — Provision of Passenger Display Signs tender issued via Public Contracts Scotland on 10 August 2017, intimated that through an open tendering exercise, bidders would be considered on satisfactory evidence of their capability and tendered rates.

Two tenders were received and both progressed to the tender evaluation stage following initial assessment.

Those Tenderers which progressed to tender evaluation Award Stage were evaluated on a 60/40 Price/Quality basis to determine the Most Economically Advantageous Tender – MEAT. The Price evaluation was based on the tenderers' rates for supply and

installation of a fixed scenario of estimated quantities (330 displays in total) and types of displays (18 variants of display) that might be required over the period of the contract.

The prices are fixed for the first 2 years with prices for the remaining 2 years being subject to change in line with the Consumer Price Index. SPT has reserved the right to not purchase any type of display or a minimum quantity of displays.

The following table outlines the tender assessment results:

<b>RTPI (Real Time Passenger Information) — Provision of Passenger Display Signs</b>					
<b>Supplier</b>	<b>Quality score Out of 40</b>	<b>Tender value</b>	<b>Price score Out of 60</b>	<b>Total Score</b>	<b>Rank</b>
<b>Ferrograph</b>	38	£1,911,965	60	98	1
<b>Vix</b>	40	£2,053,081	56	96	2

From assessment of the tenders the offer from Ferrograph Ltd achieves the highest total combined price / quality score and provides the most economically advantageous tender at a tender value of up to £1,911,965 over a 4-year period.

It should be noted that the above assessment is based on an estimate by SPT of the likely volume of displays required; actual call off volumes required may vary depending on confirmed demand and funding availability.

#### Local Authority Participation

The RTPI system is available to all 12 local authorities in Strathclyde and appropriate third parties e.g. Traveline, NHS; shopping centres and SPT managed bus stations. Deployment and ownership of on-street displays remains the responsibility of Local Authorities, with SPT providing RTPI information and maintenance support on an agency basis, subject to agreement between SPT and participating local authorities. Such agreements are now in place with the following local authorities;

- East Ayrshire Council
- East Dunbartonshire Council
- East Renfrewshire Council
- Glasgow City Council
- North Ayrshire Council
- Renfrewshire Council
- South Ayrshire Council
- South Lanarkshire Council
- West Dunbartonshire Council

Discussions on RTPI deployment have also been held with Argyll & Bute Council, Inverclyde Council and North Lanarkshire Council, and remain on-going. The rollout of the signs will be dependent on the realisation of capital funding primarily through local schemes supported by SPT's capital programme.

#### 4. Conclusion

Following conclusion of the tender process for the RTPI (Real Time Passenger Information) — Provision of Passenger Display Signs, it is concluded that the Ferrograph Ltd tender submission is the most economically advantageous.

#### 5. Committee action

The Committee is recommended to approve the award of a framework agreement to Ferrograph Ltd for the supply and installation of RTPI passenger display signs; with an estimated contract value of up to £1,911,965 over 4 years.

#### 6. Consequences

Policy consequences: *In line with Regional Transport Strategy.*

Legal consequences: *Contract Notice is required to be posted in OJEU and the award is subject to statutory standstill period.*

Financial consequences: *Spend from the framework must be contained within an approved capital budget. Maintenance costs to be met by participant local authorities via agency agreements.*

Personnel consequences: *None.*

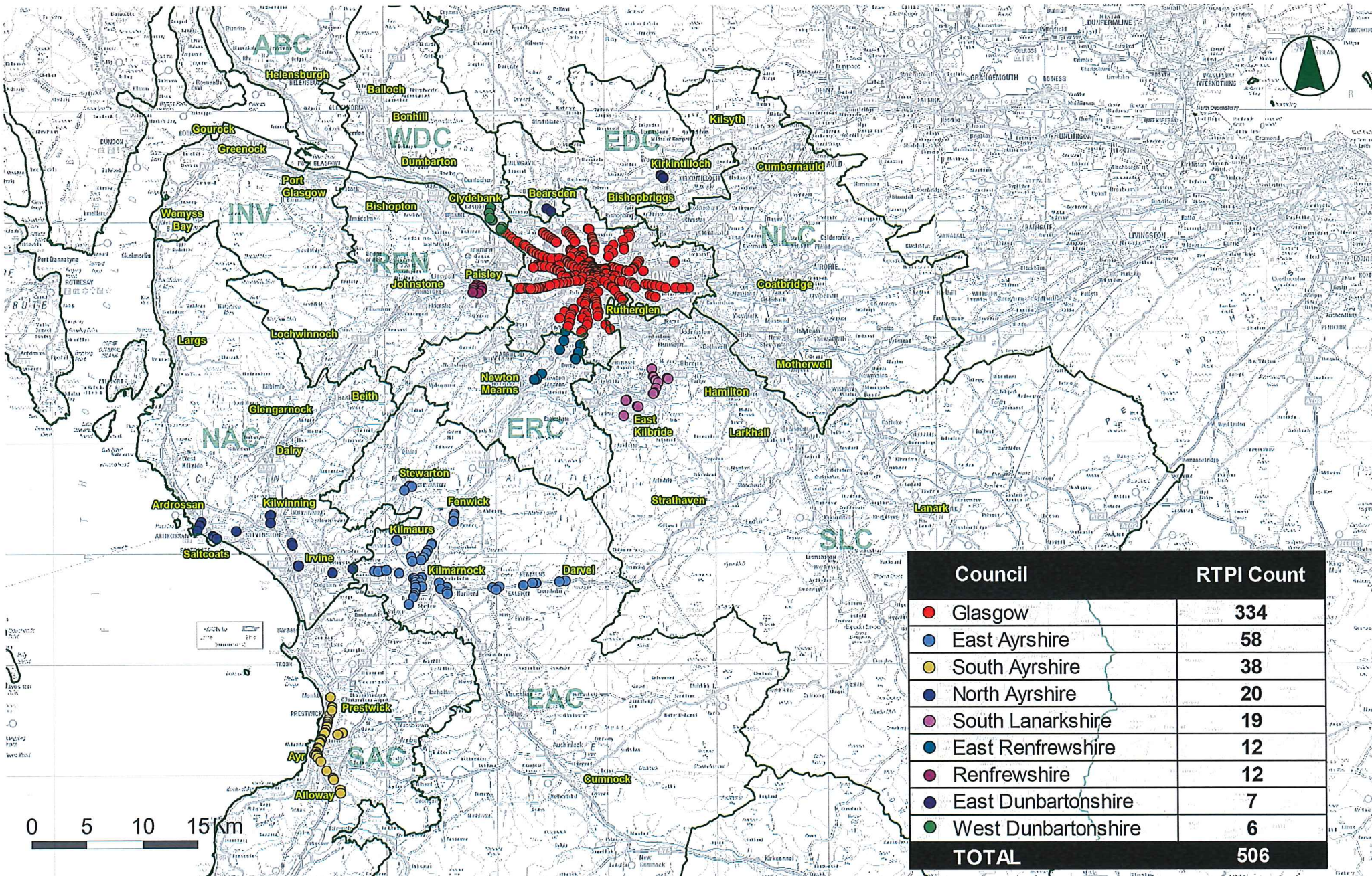
Equalities consequences: *None.*

Risk consequences: *None.*

Eric Stewart  
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**Chief Executive**

*for further information, please contact Gordon Dickson, Bus Development Manager, on ext 3407*



Overview of RTPI Locations (Oct 2017)