1. INTRODUCTION

Background

TfL are developing proposals to build the Silvertown Tunnel, linking the Greenwich Peninsula and Silvertown. The scheme would reduce congestion at the Blackwall Tunnel and improve the reliability and resilience of the wider road network.

Further information about the scheme can be found on TfL's website: https://tfl.gov.uk/travel-information/improvements-and-projects/silvertown-tunnel.

2. OBJECTIVES

TfL is proposing a significant project in North Greenwich and require a Utility survey to assist with the design and construction management.

The survey is composed of 3 distinct packages of work, as below. We are seeking costs for each of the packages and the final surveys will be made available to the shortlisted bidders at the invitation to tender for the main PPP contract.

Due to the tight timescales we are seeking various options and delivery programmes, and prices should be submitted in the format of the table below.

Traffic management and permits will be provided by our term contractor, and your quotation will include all time required for liaison and any plans showing what working space/road space will be required and when.

3. SCOPE

Overview of the requirements
Package A – Northern Area – Silvertown/Royal Docks

A utility survey is required over all ground-level roads in both the existing footways and carriageways. This area covers the northern portal of the proposed tunnel, and adaptions to the existing Tidal Basin roundabout to bring traffic back onto the existing road network, and the local Dock Road realignment.

Package B – Southern Area – The O2
The local roads around the southern tunnel portal and cut and cover sections will have a minor impact from the construction works, but will be required to carry wider utility diversions away from the tunnel entrance. Due to the nature of the scheme and the local environment, there will be significant diversions of high load utilities.

Package C – Southern Area – Blackwall Tunnel Approach
In order to build the required infrastructure the northbound approach to the A102 Blackwall Tunnel will be significantly adapted. The nature of the road means that there will be a low density of utility apparatus within the carriageway, but the working environment will be very challenging. Regular closures of the tunnel occur around every 4 weeks, so the survey timing will be dictated by these in all likelihood.

The Survey Approach
While the resolution of the utility survey is critical to an efficient and effective design and build of the scheme, the timescales are tight and gaining as much information within the available

time will be key. Physical inspections and surveys will be invaluable in contributing to the accuracy and quality of the design information. The deadlines are fixed, and there are two critical milestones that must be reached. Prices for the full delivery of each survey are required for each milestone as below. Survey standards are to PAS128:2014, except where stated.

Delivery Standards
The Utility survey is to be carried out to PAS128:2014 standard methodologies and presentation and delivery standards are included in Appendix A. The final surveys will also be converted to PPD Building Information Model standards in ESRI shape files as detailed in Appendix B.

Awarding the Survey
Tenderers are requested to submit proposals for any number of packages, providing the surveys can be delivered within the required timeframes. Tenderers are requested to provide their proposed first and last date on site so traffic management can be arranged accordingly.

4. DELIVERABLES

Deliverables shall be as provided in the Scope.

5. TIMESCALES

It is anticipated that the primary deadline is on 1st October 2016.

The final report, full results and survey works must be completed on 1st December 2016. You are requested to populate the table below to demonstrate how such dates will be met:

Package	Milestone	**M4P-b**	**M4P-a**	**M3P**	**Bespoke GPR and Footway EML***
		Delivery Date	Delivery Date	Delivery Date	Delivery Date
A	1st October 2016				
	1st Dec 2016				
B	1st October 2016				
	1st Dec 2016				
C	1st October 2016				
	1st Dec 2016				