Specification

1. INTRODUCTION TO THE SERVICE

1.1   Oxfordshire County Council (OCC) intends to carry out the ongoing collection and handling of traffic data from its network of Automatic Traffic Counters (ATC) as well as the maintenance of the ATC equipment.

2. DATA COLLECTION:

2.1   OCC Requires Data collection from its network of Permanent and Non-Permanent ATC's. Both types of counters need to be visited twice a year during the below highlighted periods. Telemetry ATC sites don't require specific data collection visits.

2.2   Number of Automatic Traffic Counters:

Permanent ATC	168
Non-Permanent ATC	129
Telemetry ATC	165
Total	462

2.3   Data Collection Periods:
        Each ATC is to be visited once during the available 3-month window.

Permanent, Round 1	- December, January, February
Non-Permanent, Round 1	- March, April, May
Permanent, Round 2	- June, July, August
Non-Permanent, Round 2	- September, October, November

2.4   Pricing for these scenarios will be determined by table of costs

2.5   Non-permanent ATC require a traffic counter to be temporarily installed on site along with batteries to allow it to operate. This will then be rotated to another location after it has collected the required data set.

2.6   Non-permanent ATC require a minimum of 7 continuous days of data during term time (avoiding school holiday periods) before the count unit is relocated at a different site.

2.7   Number of counters available to be moved between non-permanent sites:

Working	47
Require Repair	6
Total	53

3. DATA HANDLING

3.1   Downloaded data from the ATC's is to be checked for accuracy, fixed if necessary, and added into OCC's Vehicle Data Analysis (VDA) software.

3.2   OCC to provide VDA Licence

3.3   Data should be made available in VDA within 10 working days of its collection

3.4   Copy of all data files to be provided to OCC

4. ADHOC DATA REQUESTS

4.1   Oxfordshire County Council (OCC) would like the ability to request 5 adhoc data collections and install of non-permanent counters if data is required from a set area.

5. TELEMETRY ATC SITE MAINTENANCE

5.1   OCC to request 33 day visits a year (5th of total telemetry sites)

5.2   Day visits would allow for as many counters to be visited in a day as possible

5.3   Please also provide a day rate if we need to go over the requested 33 days

5.4   Onsite Telemetry ATC site maintenance requirements are the same as for permanent and non-permeant ATC sites

6. PERMANENT AND NON-PERMANENT ATC SITE MAINTENANCE

6.1   Report any faults with the following items to OCC.

- Loops (test for damaged loops)
- Cabinet
- Solar Panels

6.2   OCC will arrange for repair of the above items when possible to do so. If you can repair/replace the above equipment, please provide costs.

6.3   Counters: Faulty counters to be held in storage and repair quote provided. OCC will confirm when counters are to be repaired (possibly save up x number of counters for bulk repair). Counters to be repaired through TagMaster (CA Traffic).

6.4   On Site Repairs: Switch Faulty counter for spare working counter (spares to be allocated from counters in section 2.7). Basic repair items such as

Batteries, Cables, Solar Panel Transformers etc to be repaired on site where possible.

6.5   OCC to provide initial supply of replacement equipment and replace as required. All spares and counters to be held by contractor. If you can provide replacement equipment, please provide costs.

6.6   Initial quantities of replacement equipment supplied:

Item	Quantity
Batteries	150
Battery Cables	50
Rack Cables	20
Solar Panel Transformers	25
Transformer Cables	50

6.7   Fault reporting and repair quotes should be provided within 10 working days of a fault being identified.

6.8   Repaired counters to be reinstalled within 10 working days upon receipt from TagMaster (CA Traffic) if spare counters haven't already been installed.