

Area 9 ASC

Technology Scheme T3C

Scheme Brief

AMENDMENT RECORD

Amend . No.	Issue Date	Amendments	Initials	Date
0	June 2013	First Issue	SOS	27/6/13

1 Scheme Type

This scheme is a value band C (£250k to £1m), Technology Scheme.

2 Scheme Description

The works will include design, procurement and installation of three verge-mounted Message Sign Mk 3 (MS3), supplied as bulk purchase. This will entail installation of a cantilever foundation, platform and supporting structures and other infrastructure works.

The works will include but are not limited to:

- Provision of temporary accommodation or all necessary facilities to meeting health and safety requirements;
- General site clearance shall include removal of vegetation from verges, post and rail fencing, removal off redundant equipment from existing cabinets as necessary.
- Provision and installation of no more than 20m four rail timber fencing, including posts, access gate and associated localised fence re-alignment works;
- Provision and installation of stile;
- Installation of 3 type 600 and 609 cabinets including associated plinths and skirts, paved area, chambers and other works to form a two cabinet site on the verge adjacent to each message sign.
- Installation of 3 Electricity Interface cabinets including associated plinths, skirts and paved areas and other works to form a one cabinet site on the fence line to feed each message sign;
- Provision and installation of no more than 6000m of 3 core non-armoured power cable in new duct, including new chambers and covers, associated connections and terminations where required. The power cabling shall be installed from new and/or existing EI cabinets on the fenceline to a new P cabinet;
- Provision and installation of grillages, foundations and platforms for the Message Signs;
- Provision and installation of vehicle restraint system for each message sign and associated infrastructure;
- Provision and installation of steps, pathways, landings and handrails in verge to provide access to each sign in accordance with MCX 0138;
- Installation of a vehicle hardstanding for maintenance access to each message sign and associated infrastructure.
- Commissioning the message signs from the RCC and locally. In addition, commissioning of power protection equipment and cables from EI to final circuits.

- Engagement with the Highway Agency's National Road Telecommunications Services (NRTS) Contractor to provide the necessary service delivery point connecting the message signs to the longitudinal motorway communications network. 'Bulk Purchase Equipment' shall be ordered by the Overseeing Organisation. This generally comprises cabinet plinths, cabinet housings and frames, non-armoured power cables, and power and communications connector cables. The Provider shall be responsible for taking delivery of such equipment, its storage and installation.

3 Road category on which the work is to be carried out

The works will take place on a dual two lane all-purpose dual carriageway (rural – greater than 40 mph) road.

4 Traffic Management

The traffic management layout to be utilised is a one lane closure to a 2-lane dual carriageway road.

5 Period within which the work is to be carried out

The works are to be carried out within Time Band 10.

6 Site Restrictions and Constraints

There are no identified site constraints or restrictions at the works location.

7 Indicative Programme

The works are to be completed within 10 weeks.