

Highways England Confirmation of Task Order

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| Supplier: | Mouchel | Fee Request for this CTO | £31,021.19 | |
| Project Title: | M65 Burnley Local Plan Vissim Modelling | | | |
| Contract Ref. | 2588 | CPA No.: | | BPA No.: |
| PIN Description: | NW Modelling Work 16/17 | Sub Pin: | 5 | PIN No.: |
| HE Reference: | NW 106 16/17Mouchel | Start and End Date : | 13/02/2017 – 14/04/2017 | |
| Task Overview and Expected Outcomes | | | | |
| <p>Preparation of base VISSIM traffic model covering the M65 network within the Borough of Burnley, with associated local junctions which may impact upon the operation of the SRN. The model will run Morning and Evening Peak periods. It is understood that the model will be used to provide an understanding of forecast highway issues, using forecast growth from the Burnley Local Plan, and to inform scheme identification on or close to the SRN.</p> <p>A plan of the proposed model network is provided below. It is proposed that the model is limited to the SRN and immediate interfaces with the local route network. Neighbouring junctions on the local network will be included where there is the strong potential for interaction, but the intention would be to limit network modelling to the SRN as far as possible.</p> | | | | |
| Task Objectives and Milestones | | | | |

Summary of Objectives:

- To develop a VISSIM microsimulation modelling tool to allow the assessment of highway issues associated with the Burnley Local Plan and to test identified highway schemes which will impact upon the SRN.
- To work flexibly and collaboratively with Highways England, Lancashire County Council, Burnley Borough Council and Jacobs.
- To deliver the task, in accordance with task delivery processes.
- To identify and then control, manage and minimise risks.
- To deliver the project and associated output within time and budget constraints.

These objectives will be delivered through the following two milestones:

Milestone 1 – Method Statement: £691.80

Milestone 2 – Develop M65 J8 to J10 base year VISSIM model: £30,329.39

Expected Project Outcomes

The outcome of the task will be:

- Development of M65 J8 to J10 VISSIM traffic model.
- Base model development and validation against TrafficMaster journey time data, with the production of a Local Model Validation Report (LMVR).

Project Risk and Management

The following project risks have been identified:

- Inadequate baseline flow information, whether from available traffic count data or from a third party error in the proposed data collection exercise
- Inadequate mapping /aerial photography from which to develop the VISSIM model
- Delays in the receipt of flow information from available traffic counts or from third party traffic survey companies
- Delays in the receipt of mapping /aerial photography from which to draw out the VISSIM model at locations where Bing Maps is out of date
- Delays in the receipt of signal timing information for signalised interchanges.
- Delays in the receipt of construction drawings for recently completed schemes.
- Unforeseen need to change the geographical and/or temporal scope of the model

The above risks will be managed and mitigated, where possible, through effective project management and close liaison with stakeholders / third parties.

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| HE Project Sponsor | Sign: | | Print Name: | | Date: |
| Management Approver: | Sign: | | Print Name: | | Date: |
| Contractual Approval: | Sign: | | Print Name: | | Date: |