A19 / A1058 Coast Road Junction Improvement Scheme

TENDER DOCUMENTS
VOLUME 3B

WORKS INFORMATION (BUILDABILITY PHASE)

May 2015
WORKS INFORMATION

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1. Description of the Works

1.1 The Works comprise the provision of advice to the Employer’s design consultant during the preparation of the detailed design for the construction, testing and commissioning of the A19 / A1058 Coast Road Junction Improvement scheme in Newcastle upon Tyne. A description of the scheme and outline scope of the construction Works are described in Volume 3A.

2. Employer’s Objectives

2.1 The Highways England objectives are set out below:

- To reduce congestion.
- To increase capacity.
- To improve journey times.
- To improve road safety for both road users and the local community.
- To support regeneration in Tyne & Wear and Northumberland.
- To seek to reduce severance by maintaining or improving facilities for pedestrians & cyclists crossing and travelling along the route.

3. Scope of Works

3.1 The Contractor shall provide the staff listed in Annex A to attend meetings with the Designer from time to time during the development of the detailed design of the main Works.

4. General Constraints

4.1 Project Risks

4.1.1 In addition to the requirements for managing Project Risks included in Volume 3A the Contractor shall assist the Employer’s design consultant in reviewing risks during the development of the detailed design in conjunction with the Project Manager.

4.2 Environmental Requirements

4.2.1 In Providing the Works the Contractor complies with the Employer’s environmental policy, which is to conserve energy, water and other resources, reduce waste and phase out the use of ozone depleting substances and minimise the release of greenhouse gases, volatile organic compounds and other substances damaging to health and the environment.

4.2.2 Paper for written outputs produced by the Contractor in connection with the contract complies with the relevant sustainable Government Buying Standards and is used on both sides where appropriate. Suppliers that have certified their products as meeting Government Buying Standards are identified on the buying solutions website www.buyingsolutions.gov.uk.
4.2.3 Goods purchased by the Contractor on behalf of the Employer (or which will become the property of the Employer) comply with the relevant minimum environmental standards specified in the Government Buying Standards.

4.3 Working Hours

4.3.1 Not applicable.

5. Project Control Framework

5.1 In addition to the requirements for complying with the Project Control Framework (PCF) as described in Volume 3A the Contractor will be involved in review and revision of the PCF products prepared by the Employer’s design consultant during the detailed design phase.

6. Design Responsibility

6.1 The Contractor has responsibility for advising the Employer’s design consultant during the development of the detailed design of the Works. The Employer’s design consultant retains responsibility for the detailed design of the Works under this contract.

6.2 The Employer provides the Contractor with the preliminary design, which has been prepared by the Employer’s design consultant.

6.3 Detailed design information prepared by the Employer’s design consultant will be issued to the Contractor one week before any such design review meetings and/or workshops are held to discuss the design.

6.4 The Contractor is responsible for the elements of the design as specified within Numbered Appendix 1/10 of the Specification.

7. Programme

7.1 Contract award is anticipated to be in August 2015 with construction to commence in Spring/Summer 2016 (subject to successful outcome of DCO application). Construction preparation having commenced in March 2015 is envisaged to be complete by Spring/Summer 2016.

8. Management of the Works

8.1 The Contractor shall be responsible for providing appropriate project controls; including cost management, internal communications, benefits management, and change control for the advice provided by the key staff during the detailed design development.
9. **Provision of Cost Information**

9.1 The Contractor submits financial information in accordance with Clause Z43 of Volume 1 of the CDF Framework documents.

9.2 The Contractor properly captures all costs in providing advice to the Employer's design consultant within a data collection system specified by the Employer for use on the scheme in respect of applications for payment.

10. **Meetings**

10.1 **Consultations with Employer's design consultant**

10.1.1 The Contractor shall attend liaison meetings with the Employer's design consultant. These meetings address issues relating to the development of the detailed design of the Works. The Employer's design consultant arranges meetings as required and holds them monthly as a minimum, unless he agrees otherwise with the Project Manager.

10.2 **Value Engineering Workshops**

10.2.1 The Contractor shall attend Value Engineering Workshops. These meetings will review previous value engineering ideas and address any new value engineering ideas that may be identified during the detailed design. The Employer's design consultant arranges the workshop and holds, as a minimum, one during the detailed design phase, unless agreed otherwise with the Project Manager.

11. **Personnel**

11.1 The personnel identified in Annex A are required to be appointed under this contract, in addition to those key people identified in Contract Data Part Two.

11.2 The Contractors personnel shall cooperate with The Employer's design consultant during the development of the detailed design.

11.3 The personnel identified are required as per the Annex B schedule of requirements.

12. **Office Accommodation**

12.1 During the Buildability phase of the Contract it is envisaged that no office accommodation will be required to be provided by the Contractor.

12.2 The Contractor shall attend the Employer's office and / or the Employer's design consultants office for any such meetings requested by the Employer during the Buildability phase.

13. **Health and Safety**

13.1 The Contractor complies with the Employer's and / or Employer's design consultants latest rules, health and safety policies and any safety and security instructions notified to the Contractor when in attendance at the Employer's or Employer's design consultants premises.
14. **Legal requirements**

14.1 The Employer appoints the Contractor to act as principal Contractor and CDM coordinator for the purposes of the Construction (Design and Management) Regulations 2007. The Contractor provides information to the Project Manager to demonstrate that individuals proposed for appointment to carry out the duties of the CDM coordinator meet the criteria in the Health and Safety Executive's Approved Code of Practice (L114), "Managing Health and Safety in Construction". Construction (Design and Management) Regulations 2015
Annex A  Key Personnel

The following key personnel shall be required from the list below:

Design Buildability Phase

Project Director
Project Manager
Civil Structures Discipline Lead
Piling Discipline Lead
Drainage Discipline Lead
Lighting Discipline Lead
Vehicle Restraint System Discipline Lead
Geotechnical Engineer
Traffic Signal Engineer
Materials Engineer
Pavement Engineer
Traffic Management Discipline Lead
Programmer
## Annex B  Schedule of Requirements

The following key personnel shall be required to attend the following meetings at the stated intervals as a minimum:

<table>
<thead>
<tr>
<th>Role</th>
<th>Days Required</th>
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<tbody>
<tr>
<td></td>
<td>Sept</td>
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<tr>
<td>Project Director</td>
<td>5</td>
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<tr>
<td>Project Manager</td>
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</tr>
<tr>
<td>Civil Structures Discipline Lead</td>
<td>10</td>
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<tr>
<td>Piling Discipline Lead</td>
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<tr>
<td>Drainage Discipline Lead</td>
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<td>Lighting Discipline Lead</td>
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<tr>
<td>Vehicle Restraint System Discipline Lead</td>
<td>2</td>
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<tr>
<td>Geotechnical Engineer</td>
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<tr>
<td>Traffic Signal Engineer</td>
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<td>Materials Engineer</td>
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<td>Pavement Engineer</td>
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<tr>
<td>Traffic Management Discipline Lead</td>
<td>10</td>
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<tr>
<td>Programmer</td>
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