**8. Sample Appendices 0/1 to 0/4**

**8.1 Sample Appendix 0/1: Contract-Specific Additional, Substitute and Cancelled Clauses, Tables and Figures included in the Contract**

[*Note to compiler: See Section 1 of CC-GSW-00010 regarding approval of contents of Appendix 0/1*]

**List of Additional Clauses, Tables and Figures**

|  |  |  |
| --- | --- | --- |
| Clause No.  (etc.) | Title | Written on Page No. following |
| [*Note to compiler: List here Contract-specific Additional Clauses, and Tables and Figures suffixed by the letters AR and preferably commencing with the 70th Clause, etc. of the respective parts*] | | |

**List of Substitute Clauses, Tables and Figures**

|  |  |  |
| --- | --- | --- |
| Clause No. (etc.) | Title | Rewritten on Page No. following |
| [*Note to compiler: List here Contract-specific Substitute Clauses, Tables and Figures suffixed by the letters SR*] | | |

**List of Cancelled Clauses, Tables and Figures**

|  |  |
| --- | --- |
| Clause No. (etc.) | Title |
| [*Note to compiler: List here Contract-specific Cancelled Clauses, Tables and Figures suffixed by the letters CR*] | |

**Additional Clauses, Tables and Figures**

|  |  |
| --- | --- |
| Clause No.(etc.) | Title and written text |
| [*Note to compiler: Write here the Additional Clause etc. listed above*] | |

**Substitute Clauses, Tables and Figures**

|  |  |
| --- | --- |
| Clause No.(etc.) | Title and written text |
| [*Note to compiler: Rewrite here the Substitute Clause etc. listed above*] | |

**8.2 Sample Appendix 0/2: Contract – Specific Minor Alterations to Existing Clauses, Tables and Figures included in the Contract**

|  |  |
| --- | --- |
| Clause No. (etc.) | Alterations to be made |
| [Note to compiler: Write here the minor alteration using ‘delete and insert’ or ‘add at end of Clause’ techniques] | |

**8.3 Sample Appendix 0/3: List of Numbered Appendices referred to in the Specification and included in the Contract**

*[Note to compiler: Include the following explanatory statements relating to List A and List B]*

This Appendix 0/3 is comprised of a list of the Numbered Appendices referred to in the Specification and included in this Contract.

Responsibility for the compilation/completion of the appendices is indicated by the following symbols:

E Employer compiles

C Contractor to compile and submit to the Employer’s Representative

E/C Employer partially compiles and Contractor completes and submits to the Employer’s Representative

T/C Tenderer compiles and returns with his Tender. Post award of Contract the Contractor reviews and submits to the Employer’s Representative.

(P) The symbol ‘P’ indicates the appendix is a national pro-forma and the format must not be altered.

Where a Contractor or Tenderer is required to compile or complete an Appendix, they shall do so in accordance with the GSW, and providing information similar to that stated in the sample appendices as a minimum.

Appendix 0/3 is comprised of two lists, A and B, of Numbered Appendices as follows.

List ‘A’ is a complete list of the Numbered Appendices referred to in the SPW with those not adopted marked “Not Used”. Those identified by the letters ‘T’ or ‘C’ shall be compiled by the Tenderer or the Contractor respectively.

List ‘B’ gives a list of Contract – specific Numbered Appendices devised for this Contract.

[*Note to compiler: Reproduce here the following sample List A deleting the word ‘Sample’ and adding Volume No. where each is located within the documents and stating those Numbered Appendices not used. Ensure the ‘Instructions for Tendering’ correspond with the requirements for submission of completed Appendices by the Tenderers*.]

[*Note to compiler: Insert a List B of any project specific Appendices in a similar format to List A. Preferably commence the numbering of these Project-specific Numbered Appendices at the 70th Appendix of the respective parts (e.g. 1/70) to avoid conflict with future national Additional Numbered Appendices*.]

**Sample List of Numbered Appendices – List A**

| Volume No. | Contract for Works Designed by the Contractor  Compiled/ Completed By | Contract for Works Designed by the Employer  Compiled/ Completed By | Appendix No. | Title |
| --- | --- | --- | --- | --- |
|  | | | | **Introduction** |
|  | E | E | 0/1 | Contract-specific Additional, Substitute and Cancelled Clauses and Tables included in the Contract |
|  | E | E | 0/2 | Contract-specific Minor Alterations to Existing Clauses and Tables included in the Contract |
|  | E | E | 0/3 | List of Numbered Appendices Referred to in the Specification and included in the Contract |
|  | E | E | 0/4 | List of drawings included in the Works Requirements |
|  | | | | **Preliminaries** |
|  | E | E | 1/1 | Accommodation and Equipment for The Employer’s Representative |
|  | E | E | 1/2 | Vehicles for the Employer’s Personnel |
|  | E | E | 1/3 | Communications System for the Employer’s Personnel |
|  | C | E | 1/4 | Working and Fabrication Drawings |
|  | E / C | E | 1/5 | Testing to be Carried out by the Contractor |
|  | E | E | 1/6 | Supply and Delivery of Samples to the Employer’s Representative |
|  | E | E | 1/7 | Site Extent and Limitations on Use |
|  | E | E | 1/8 | Operatives for the Employer’s Representative |
|  | E | E | 1/9 | Control of Noise and Vibration |
|  | C | E | 1/10 | Principal Structures to be Designed by the Contractor |
|  | C | E | 1/11 | Structural Elements and Other Features to be Designed by the Contractor |
|  | E | E | 1/12 | Setting Out and Existing Ground Levels |
|  | E | E | 1/13 | Programme of Design and Execution and Completion of the Works |
|  | E | E | 1/14 | Monthly Statements |
|  | E | E | 1/15 | Accommodations Works |
|  | T / C | E | 1/16 | Privately & Publicly Owned Services & Supplies |
|  | E | E | 1/17 | Traffic Safety & Management |
|  | E / C | E | 1/18 | Temporary Diversions for Traffic |
|  | E | E | 1/19 | Routeing of Vehicles |
|  | E | E | 1/20 | Recovery Vehicles for Breakdowns |
|  | E | E | 1/21 | Information Boards |
|  | E | E | 1/22 | Progress Photographs |
|  | C | E | 1/23 | Substances Hazardous to Health |
|  | E | E | 1/24 | Quality Management System |
|  | E | E | 1/25 | Product Certification Schemes |
|  | E | E | 1/26 | Irish Agrément Board Roads and Bridges Certificates |
|  | | | | **Site Clearance** |
|  | E / C | E | 2/1 | List of Buildings, etc., to be Demolished |
|  | C | E | 2/2 | Filling of Trenches and Pipes |
|  | C | E | 2/3 | Retention of Material Arising from Site Clearance |
|  | E / C | E | 2/4 | Explosives and Blasting |
|  | E / C | E | 2/5 | Hazardous Materials |
|  | | | | **Fencing and Environmental Noise Barriers** |
|  | E / C | E | 3/1 | Fencing, Gates and Stiles |
|  | C | E | 3/2 | Fencing: NRA Road Construction Details |
|  | | | | **Road Restraint Systems (vehicle and pedestrian)** |
|  | C | E | 4/1 | Safety Barriers |
|  | C | E | 4/2 | Pedestrian Restraint Systems |
|  | C | E | 4/3 | Safety Barrier Terminals |
|  | E | E | 4/4 | Safety Barrier Maintenance |
|  | C | E | 4/5 | Anti-Glare Screens |
|  | C | E | 4/6 | Safety Barriers: NRA Road Construction Details |
|  | C | E | 4/7 | Vehicle Parapet Systems |
|  | | | | **Drainage and Service Ducts** |
|  | C | E | 5/1 | Drainage Requirements |
|  | C | E | 5/2 | Service Duct Requirements |
|  | C | E | 5/3 | Surface Water Channels and Drainage Channel Blocks |
|  | C | E | 5/4 | Fin Drains and Narrow Filter Drains and Geotextiles for Filter Drains |
|  | C | E | 5/5 | Combined Drainage and Kerb Systems |
|  | C | E | 5/6 | Linear Drainage Channel Systems |
|  | C | E | 5/7 | Drainage and Service Ducts: NRA Road Construction Details |
|  | C | E | 5/8 | Thermoplastics Structural Wall Pipes and Fittings |
|  | E/C | E | 5/9 | Attenuation |
|  | | | | **Earthworks** |
|  | C | E | 6/1 | Requirements for Acceptability & Testing of Earthworks Materials |
|  | C | E | 6/2 | Requirements for Dealing with Class U2 Unacceptable Material |
|  | C | E | 6/3 | Requirements for Excavation, Deposition, Compaction (other than Dynamic Compaction) |
|  | Not Used | Not Used | 6/4 | Not Used |
|  | C | E | 6/5 | Geotextiles Used to Separate Earthworks Materials |
|  | C | E | 6/6 | Fill to Structures & Fill Above Structural Foundations |
|  | C | E | 6/7 | Sub-formation & Capping & Preparation & Surface Treatment of Formation |
|  | C | E | 6/8 | Topsoiling, Grass Seeding and Turfing |
|  | C | E | 6/9 | Earthwork Environmental Bunds, Landscape Areas, Screening Mounds, Strengthened Embankments |
|  | C | E | 6/10 | Ground Anchorages, Crib Walling and Gabions |
|  | C | E | 6/11 | Swallow Holes & Other Naturally Occurring Cavities & Disused Mine Workings |
|  | C | E | 6/12 | Instrumentation & Monitoring |
|  | C | E | 6/13 | Ground Improvement |
|  | | | | **Road Pavements – General** |
|  | T/C | E | 7/1 | Permitted Pavement Options |
|  | C | E | 7/2 | Excavation & Reinstatement of Existing Surfaces |
|  | C | E | 7/3 | Surface Dressing Product (End Performance) |
|  | C | E | 7/4 | Bituminous Sprays |
|  | Not Used | Not Used | 7/5 | Road Pavements: NRA Road Construction Details |
|  | C | E | 7/6 | Breaking Up or Perforation of Existing Pavement |
|  | Not Used | Not Used | 7/7 | Not Used |
|  | Not Used | Not Used | 7/8 | Not Used |
|  | C | E | 7/9 | Cold Milling (Planing) of Bituminous Bound Flexible Pavement |
|  | C | E | 7/10 | Microsurfacing |
|  | C | E | 7/11 | High Friction Surfacing |
|  | C | E | 7/12 | Low Energy Bound Mixtures |
|  | C | E | 7/21 | Recipe Surface Dressing |
|  | | | | **Kerbs, Footways and Paved Areas** |
|  | C | E | 11/1 | Kerbs, Footways and Paved Areas |
|  | C | E | 11/2 | Access Steps |
|  | C | E | 11/3 | Kerbs, Footways and Paved Areas: NRA Road Construction Details |
|  | | | | **Traffic signs** |
|  | C | E | 12/1 | Traffic Signs: General |
|  | C | E | 12/2 | Traffic Signs: Reflective Markers |
|  | C | E | 12/3 | Traffic Signs: Road Markings & Studs |
|  | C | E | 12/4 | Traffic Signs: Cones, Cylinders, FTD's & Other Traffic Delineators |
|  | C | E | 12/5 | Traffic Signs: Traffic Signals |
|  | C | E | 12/6 | Traffic Signs: Special Sign Requirements on Gantries |
|  | C | E | 12/7 | Traffic Signs: Preparation and Finish of Metal and Other Surfaces |
|  | | | | **Road Lighting Columns & Brackets** |
|  | C | E | 13/1 | Information to be Provided by the Designer for the Road Lighting Works when Specifying Lighting Columns and Brackets |
|  | C (P) | C (P) | 13/2 | Column & Bracket Data Sheets 1 & 2 |
|  | (P) | (P) | 13/3 | Instructions for Completion of Column and Bracket Data Sheet |
|  | C (P) | E/C (P) | 13/4 | Certification for Lighting Columns |
|  | C | E | 13/5 | Road Lighting Column and Brackets: NRA Road Construction Details |
|  | | | | **Electrical Work for Road Lighting and Traffic Signs** |
|  | E | E | 14/1 | Site Records |
|  | C | E | 14/2 | Location of Lighting Units and Feeder Pillars |
|  | C | E | 14/3 | Temporary Lighting |
|  | C | E/C | 14/4 | Electrical Equipment for Road Lighting |
|  | C | E | 14/5 | Electrical Equipment for Traffic Signs |
|  | C | E | 14/6 | Preparation and Finish of Metal and Other Surfaces |
|  | | | | **Motorway Communications** |
|  | C | C | 15/1 | Motorway Communications |
|  | | | | **Piling and Embedded Retaining Walls** |
|  | C | E | 16/1 | General Requirements for Piling and Embedded Retaining Walls |
|  | C | E | 16/2 | Precast Reinforced and Prestressed Concrete Piles and Precast Reinforced Concrete Segmental Piles |
|  | C | E | 16/3 | Bored Cast-in-Place Piles |
|  | C | E | 16/4 | Bored Piles Constructed Using Continuous Flight Augers and Concrete or Grout Injection Through Hollow Auger Stems |
|  | C | E | 16/5 | Driven Cast-in-Place Piles |
|  | C | E | 16/6 | Steel Bearing Piles |
|  | C | E | 16/7 | Reduction of Friction on Piles |
|  | C | E | 16/8 | Non-Destructive Methods for Testing Piles |
|  | C | E | 16/9 | Static Testing of Piles |
|  | C | E | 16/10 | Diaphragm Walls |
|  | C | E | 16/11 | Hard/Hard Secant Pile Walls |
|  | C | E | 16/12 | Hard/Soft Secant Pile Walls |
|  | C | E | 16/13 | Contiguous Bored Pile Walls |
|  | C | E | 16/14 | King Post Walls |
|  | C | E | 16/15 | Steel Sheet Piles |
|  | C | E | 16/16 | Integrity Testing of Wall Elements |
|  | C | E | 16/17 | Instrumentation for Piles and Embedded Walls |
|  | C | E | 16/18 | Support Fluid |
|  | | | | **Structural Concrete** |
|  | C | E | 17/1 | Concrete – Classification of Mixes |
|  | C | E | 17/2 | Concrete – Impregnation and Coating Schedule |
|  | C | E | 17/3 | Concrete – Surface Finishes |
|  | C | E | 17/4 | Concrete – General |
|  | | | | **Structural Steelwork** |
|  | C | E | 18/1 | Requirements for Structural Steelwork |
|  | | | | **Protection of Steelwork against Corrosion** |
|  | E/C (P) | E/C (P) | 19/1 | (Specification for Road Works) Sheet No. Form BE/P1 (New Works) Paint System Sheet |
|  | E/C | E/C | 19/2 | (New Works) Requirements for Other Work |
|  | C (P) | C (P) | 19/3 | (Specification for Road Works) Form BE/P2 Paint Data Sheet |
|  | C (P) | C (P) | 19/3\* | (Specification for Road Works) Form BE/P3 Paint Sample Despatch List: Sheet 1 |
|  | C (P) | C (P) | 19/3\* | (Specification for Road Works) Form BE/P3 Paint Sample Despatch List: Sheet 2 |
|  | E | E | 19/4 | (New Works) General Requirements |
|  | E/C (P) | E/C (P) | 19/5 | (Specification for Road Works) Form BE/PE1 (Maintenance) Paint System Sheet 1 |
|  | C (P) | C (P) | 19/6 | (Specification for Road Works) Form BE/P1 (Maintenance) Paint System Sheet 2 |
|  | E/C | E/C | 19/7 | (Maintenance) Requirements for Other Work |
|  | E | E | 19/8 | (Maintenance) General Requirements |
|  | | | | **Waterproofing for Concrete Structures** |
|  | C (P) | C (P) | 20/1 | Form PWS Proprietary Waterproofing System Data Sheet (1991 & Annex 'A') |
|  | E / C | E | 20/2 | Waterproofing for Concrete Structures |
|  | | | | **Bridge Bearings** |
|  | C | E | 21/1 | Bridge Bearing Schedule |
|  | | | | **Bridge Expansion Joints and Sealing of Gaps** |
|  | C | E | 23/1 | Bridge Deck Expansion Joint Schedule |
|  | C | E | 23/2 | Sealing of Gaps Schedule (other than in Bridge Deck Expansion Joints) |
|  | | | | **Brickwork, Blockwork and Stonework** |
|  | C | E | 24/1 | Brickwork, Blockwork and Stonework |
|  | C | E | 24/2 | Brickwork, Blockwork and Stonework: NRA Road Construction Details |
|  | | | | **Special Structures** |
|  | C | E | 25/1 | Requirements for Corrugated Steel Buried Structures |
|  | C | E | 25/2 | Requirements for Reinforced Soil and Anchored Earth Structures |
|  | C | E | 25/3 | Requirements for Reinforced Clay Brickwork Retaining Walls of Pocket Type and Grouted Cavity Construction Structures |
|  | | | | **Miscellaneous** |
|  | C | E | 26/1 | Ancillary Concrete |
|  | C | E | 26/2 | Bedding Mortar |
|  | C | E | 26/3 | Cored Thermoplastic Node Markers |
|  | | | | **Watermains, Utilities and Accommodation Works** |
|  | E/C | E | 27/1 | Requirements for Watermains |
|  | E/C | E | 27/2 | Watermains: NRA Road Construction Details |
|  | | | | **Trenchless Installation of Road Drainage & Service Ducts** |
|  | E/C | E | 28/1 | Trenchless and Minimum Dig Techniques |
|  | | | | **CCTV Survey of Road Drainage Systems** |
|  | E/C | E | 29/1 | CCTV Survey of Road Drainage Systems |

*[Note to compiler:*

*\* These Appendices relate to alternatives in the Sample Appendices where the choice is to be made by the Contractor and all appropriate alternatives should be listed in List A.].*

**8.4 Sample Appendix 0/4: List of Drawings Included in the Contract**

**8.4.1 Contract-specific Drawings Supplied to Each Tenderer**

|  |  |  |
| --- | --- | --- |
| Drawing No. | Title | Volume No. |
| *[Note to compiler: List here all drawings especially drafted for the Contract. Also include re-numbered Standard Construction Details (SCD) in TII Publications (Standards) which have Contract-specific amendments. See Notes to compiler on SCDs below.]* | | |

**8.4.2 Standard Drawings**

**8.4.2.1 Supplied to Each Tenderer**

|  |  |  |
| --- | --- | --- |
| Drawing No. | Title | Volume No. |
| *[Note to compiler: List here any Standard Drawings being supplied to each tenderer unless they have been renumbered and included in 8.4.1 above or are included in 8.4.2.2 below for inspection by tenderers.]* | | |

**8.4.2.2 Inspected by tenderers**

The following drawings are made available for inspection by Tenderers at:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

between the following dates \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

and at the following times \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

One copy will be supplied to the Contractor

|  |  |  |
| --- | --- | --- |
| Drawing No. | Title | Aspect required if not whole Drawing |
| [*Note to compiler: List here all the drawings for Communications Cabling, its associated apparatus including any fog warning systems, etc. applicable to the work required in the Contract unless listed in 8.4.2.1 above*.] | | |

**8.2.4.3 Brought Into the Contract by Reference**

The Standard Construction Details (SCD) in TII Publications (Standards) contain the following drawings brought into the Contract by reference. Unless otherwise stated below the whole drawing is brought into the Contract.

|  |  |  |  |
| --- | --- | --- | --- |
| Drawing No. | Title | Date | Aspect/Alternative(s) Required if Not Whole Drawing |
|  | | | |

[*Notes to compiler regarding SCDs*:

*The drawings in the SCDs are intended to be used directly in the Contract without reproducing them in the documents and without supplying them to the Contractor. The individual drawings to be included in the Contract are to be listed in 8.4.2.3 by stating the TII Publication Number (with amendment reference i.e. A, B etc.), date, and aspect or permitted alternative(s) where the whole drawing is not required.*

*Many drawings in the SCDs contain more than one detail covering the same subject. Where alternatives are shown it is essential that the particular requirements or permitted alternatives are identified. These are to be stated in 8.4.2.3.*

*The intention is that the drawings in the SCDs should be used without amendment but if this becomes essential, approval from TII will be necessary through a Departure from Standards. A copy of the amended SCDs is then to be incorporated in the documents and listed in Appendix 0/4 with a unique drawing number and new date inserted in the date panel*.]