

COMHAIRLE CONTAE an CHLÁIR CLARE COUNTY COUNCIL



Mullagh National School – Safe Routes to School Scheme

Volume C – Pricing Document

September 2026

Clare County Council,
Áras Contae an Chláir,
New Road,
Ennis,
Co. Clare

Prepared by:

Road Design Office,
Clare County Council,
Áras Contae an Chláir,
New Road,
Ennis,
Co. Clare

[illegible]

^^^^(vii) General obligations, liabilities and risks involved in the execution of the Works set forth or reasonably implied in the documents on which the tender is based.	noid		
^^^^(viii) Establishment charges, overheads and profit.	noid		
^^^^(ix) Waste.	noid		
^^^^(x) Attendance and transport for sampling and testing carried out by the Employer's Representative, test carried out by the Contractor in accordance with the particular requirements of Appendix 1/5, supplying results of tests carried out by the Contractor in accordance with the particular requirements of Appendix 1/5, supplying results of tests carried out by the Contractor and providing test certificates.	noid		
^^^^(xi) Supply and delivery of samples to the Employers Representative in accordance with the particular requirements of Appendix 1/6.	noid		
^^^^(xii) Complying with Quality Assurance schemes and providing certificates of conformity.	noid		
^^^^(xiii) Preparation and supply of detailed working drawings.	noid		
^^^^(xiv) Awaiting approvals and or consents;	noid		
^^^^(xv) Complying with all Legal Requirements and ensure that the Contractor's Personnel comply with all Legal Requirements, including but not limited to those environmental, archaeological and health and safety requirements as set out in the Works Requirements, including but not limited to those environmental, archaeological and health and safety requirements as set out in the Works Requirements and Contract Conditions.	noid		
<u>MEASUREMENT</u>			
^^^3.(i) The measurement of work shall be computed net from the dimensions stated in the Contract unless otherwise stated in the RMP.	noid		

^^^^(ii) Where the tender documents provide for the Contractor to select the type of buried structure (where the structure is not within Designated Outlines) to be constructed then the measurement of all work in each area so affected shall be based upon the thinnest pavement construction and surfacing over structures permitted by the Contract in that area for the particular type of buried structure the Contractor has elected to construct.

noid

PRICING OF ITEMS

^^^4.(i) Each individual item shall have a rate or price entered against it. Rates and prices shall be expressed to two decimal places Reserved Sums and Contract Sums for Specialists will be provided by the Contracting Authority. Prices entered for attendances and management of specialist works will remain as tendered, even after the Reserved Sums are replaced with actual sums following tendering of the specialist works. These prices may not be less than zero.

noid

ALTERNATIVE SPECIFIED MATERIALS, DESIGN AND OPTIONS WITHIN TYPES OF PAVEMENT

^^^5. Not Used

noid

PRIVATELY AND PUBLICLY OWNED SERVICES OR SUPPLIES

^^^6. The information in the Contract as to the whereabouts of existing services and mains is believed to be correct but the Contractor shall not be relieved thereby of his obligations under the Contract. The Contractor shall include in his rates and prices for locating and taking measures for the support and full protection of pipes, cables and other apparatus during the progress of the Works, obtaining the written consent of the appropriate authority to interrupt the service or supply and for keeping the Employer's Representative informed of all arrangements he makes with the owners of privately owned services or supplies, Statutory Undertakers and Public Authorities as appropriate.

noid

LABOURS

^^^7. Not Used

noid

ROADWORKS OVERALL REQUIREMENTS

^^^8. The Contractor shall allow in his rates and prices for complying with requirements in respect of pavement construction, horizontal alignments, surface levels and surface regularity of pavement courses, cold weather working, use of surfaces by traffic and construction plant, and general requirements for sub-bases and bases.

noid

WORK WITHIN AND BELOW ANY WATER CONDITION

^^^9. The Contractor shall allow in his prices for any items of structures designed by the Contractor provided under CC-RMP-02500, for taking measures required to execute work in any condition where there is a presence of any type of water.

noid

DEALING WITH FLOW

^^^10. The Contractor shall allow in his rates and prices for taking measures to deal with the existing flow of water, sewage and the like.

noid

^^^11. Not Used

noid

SITE LIMITATIONS AND CONSTRAINTS

^^^12. The Contractor shall allow in his rates and prices for complying with any limitations and constraints on the use of the Site.

noid

HARD MATERIAL

^^^13. For the purposes of the Contract the following are designated as Hard Material in accordance with Section 2 Definitions, paragraph 1(i)(i):

noid

^^^^(a)* strata;

noid

^^^^(b) those deposits designated by limits shown on the Drawings.

noid

^^^^(c) existing pavements, footways, paved areas (but excluding unbound materials) and foundations in masses in excess of 0.20 cubic metres.

noid

EQUIVALENT PRODUCTS AND MATERIALS

^^^14.(i) Where the Contractor offers an equivalent product or material in place of the one identified or specified, which is accepted for incorporation into the Works by the Employer's Representative, then the rates and prices in the Bill of Quantities shall be deemed to include for all the obligations and costs associated with the incorporation of the equivalent into the Works, including design, provision of data and drawings, certificates, awaiting approvals, resubmissions and modifications and amendments to the Works.

noid

^^^^(ii) Unless specifically stated to the contrary in the Contract the measurement of the Works affected by the incorporation of the equivalent products and materials shall be based on the Tender documents and not on the Works as amended and completed to incorporate the equivalent products and materials.

noid

PERMANENT WORKS DESIGNED BU THE CONTRACTOR

^^^15. Where the Contract requires part(s) of the Works to be designed by the Contractor, the rates and prices in the Bill of Quantities shall include for all the obligations and costs associated with the incorporation of the Contractor's design into the Works, including design, provision of data and drawings, certificates, awaiting approvals, resubmissions and modifications and amendments to the Works.

noid

STRUCTURES DESIGNED BY THE CONTRACTOR

^^^16. Earthworks within the Designated Outlines shall not be included by the Employer in the earthworks schedules.

noid

ALTERATIONS FOR ROAD AUTHORITIES

^^^17. Not Used

noid

AMENDMENTS TO THE REQUIREMENTS FOR MEASURING AND PRICING

^^^18. For the purposes of the Contract the Method of Measurement for Road Works is amended in accordance with the pages immediately following.

noid

PREAMBLES

2 SERIES 100: PRELIMINARIES

PRELIMINARIES

NAME OF THE PROJECT

Mullagh National School - Safe Routes to School Scheme

LOCATION OF THE PROJECT

Mullagh, Co. Clare

GENERAL DESCRIPTION OF THE WORKS

	This project comprises the construction of a raised pedestrian crossing, an uncontrolled pedestrian crossing and 2 speed ramps and associated placemaking areas. The works also includes replacing, widening and providing new footpaths and placemaking areas and altering existing bus parking. The scheme also incorporates the Safe Routes to School theme with coloured Pencil bollards, coloured road makings and school zone markings.			
1	The Works will include the following	noid		
2	^^^The provision of 1 raised controlled pedestrian crossing	noid		
3	^^^The provision of 2 raised uncontrolled pedestrian crossing			
4	^^^Installation of placemaking features and street furniture	noid		
5	^^^Installation of new kerbs with concrete footpaths and tactile paving	noid		
6	^^^Drainage pipework and gullies	noid		
	<u>PARTIES & CONSULTANTS</u>			
	Employer:			
7	Clare County Council, Aras Contae an Chlair, New Road, Ennis, Co. Clare	noid		
	Employers Representative (ER):			
8	Clare County Council, New Road, Ennis, County Clare. Tel: 065- 6821616	noid		
	Civil & Structural Engineers			
9	Road Design Office, Clare County Council, New Road, Ennis, County Clare.	noid		
	PSDP:			
10	Clare County Council, New Road, Ennis, County Clare. Tel: 065- 6821616	noid		
	Project Supervisor for Construction Stage (PSCS):			

11	Successful Contractor		noid		
	<u>PRICING GENERALLY</u>				
	EXPENSE IN PREPARING TENDER				
12	No Contractor shall be remunerated for any costs incurred in preparing his/her tender.	1.00	Item		
	BUILDING REGULATIONS / STATUTORY REGULATIONS				
13	The works shall comply with all applicable National and Local Acts, laws and bye-laws including in particular the latest building Control Regulations, Department of the Environment Regulations and Directives. The Contractor shall immediately notify the Architect should it become apparent that anything proposed contravenes such regulations. Where reference is made in the Specification or in the Pricing Document to an Irish or British Standard specification or code of practice, the "issue" shall be that of the latest edition as appropriate.		Note		
14	Notwithstanding the aforementioned, the Contractor shall note that all general costs (not allowed for within each individual work element) are to be included within the designated preliminary element relating to "Building Regulation Compliance" in connection with his Assignment as Builder under the Building Control (Amendment) Regulations 2013 : (S.I. 80) and the associated Code of Practice; including co-ordinating with the Assigned Certifier in the implementation of the Site Inspection Plan		Note		
	PRICING DOCUMENT				
15	The Pricing Document has been measured in accordance with the TII Requirements for Measuring and Pricing and are deemed to include all Items listed under "Item Coverage". Some items have been measured in a composite manner in various sections of the Pricing Document		Note		
16	Items included in the Pricing Document have been measured in accordance with the relevant sections TII Requirements for Measuring and Pricing, unless stated otherwise. The Contractor will be deemed to have included in his / her rates and prices for all other work that may be necessary but is not specifically required to be measured.		Note		

17	Unless otherwise stated, quantities have been measured nett as fixed in position.	Note		
18	The Contractor is referred to the Amendments To The Method of Measurement For Roadworks	Note		
19	The Contractor at the time of tendering, must furnish the Pricing Document, fully priced in ink in Euro. Pricing in pencil is not acceptable. All rates must be extended and all pages must be totalled and carried forward to the summary pages.	Note		
20	The Contractor will price every item that has a value and use realistic rates to facilitate accurate valuation of payments. Un-priced items will be deemed to have their cost included elsewhere or to be NIL value. Unrealistic rates in the submitted Pricing Document will be subject to adjustment in order to achieve a fair and reasonable balance within the Contract document.	Note		
21	Lump Sum Adjustment - if Contractors make a lump sum adjustment in the summary of their tenders (by way of omission of Preliminary Item values or otherwise) this adjustment will be dealt with strictly in accordance with clause 8.5.2.2. of the "Code of Pro	Note		
	MODIFICATION:			
22	Any unauthorised modification written by the Contractor against any item in the Pricing Document will render his tender null and void.	Note		
	CONTRACT DOCUMENT			
23	The Pricing Document is not a contract document but will be used to ascertain rates on the works	Note		
	TENDER DOCUMENTATION			
24	All tender documentation to be read in conjunction with each other, where a discrepancy occurs the contractor is to notify the Employers Representative for direction. No want of knowledge will be allowed for claim purposes. Where additional work is shown on any item in the tender documentation, it is deemed to be included in the tender sum	Note		
	<u>Ordering materials</u>			

25	This Pricing Document is not to be used for the purpose of ordering materials. Materials shall only be ordered from the Architect's or Engineer's Drawings. <u>Errors in the Pricing Document</u>	noidn		
26	The Employer may, without any responsibility for this, examine the Pricing Document for errors in addition or extension. If there is an error in extension, the rate will be adjusted, so that the extension remains the same. If there is an error in addition the amounts added (and the rates making them up) will be adjusted pro-rata to the error, so that the total remains the same. This will apply if the total of the tendered rates and prices, (with value-added tax excluded), does not add up to the tendered Contract Sum. The Employer will decide which amounts and rates are to be adjusted. Instead of adjusting the amounts added the Employer may in his / her discretion adjust an adjustment item. No adjustment made under this paragraph will affect the tendered Contract Sum or the Comparative Cost of the Tender. <u>DRAWINGS AND OTHER DOCUMENTS</u> CONTRACT DRAWINGS AND SPECIFICATION	noidn		
27	The Drawings and Specifications used in the preparation of the tender will form part of the Contract and a copy of each is contained within Volume A of the Works Requirements <u>TENDER ACCEPTANCE</u>	noid		
28	The lowest or any tender submitted will not necessarily be accepted by the Employer. No Contractor will be remunerated for any expenses, which he may have incurred in making up his tender. The Employer reserves the right to open all or any of the tender documents. Where qualifications have been attached to all or some of the tenders submitted and the tenderer refuses to withdraw their qualifications, the Employer in order to secure the most economical advantageous price reserves the right to deal with the most acceptable offer submitted. <u>DESCRIPTION OF THE SITE, SITE CONDITIONS AND SPECIFIC SITE RESTRICTIONS</u> BOUNDARIES	1.00	Item	

29	The site is located on the L2094, Co. Clare.		Note	
	SITE CONDITIONS AND SPECIFIC SITE RESTRICTIONS			
30	Tendering Contractors must visit the site during working hours to ascertain for themselves the conditions under which the works will be carried out; the location of existing services, the extent of demolition/alteration works, the proximity of neighbouring properties and existing boundary walls. No claim arising as a result of neglecting to carry out such an inspection will be entertained.	1.00	Item	
31	The Contractor must visit the site to ascertain the facilities and access thereto, the contractor to include for the supply of labour and materials the district will afford, and the general conveniences of working. He shall be taken to have made himself acquainted with the nature of the soil, the nature, character, dimensions, levels and other features of the site/building, all adjoining buildings, approaches, provision of temporary accommodation, storage, security requirements, restrictions and all other things insofar as they may have any connection with or affect the Works. He must take all the above matters into account when tendering and no charge for any extra labour or materials will be allowed in consequence of his failure to do this.	1.00	Item	
32	The Contractor's proposed methods for delivery and movement of materials, together with the removal of debris and waste from the Works, shall be agreed with the Design Team, prior to commencement of works on site.	1.00	Item	
	<u>Preliminaries</u>			
33	^^^Site set up and Mobilisation	1.00	Item	
34	^^^Temporary Accommodation	1.00	Item	
35	^^^Traffic safety and management	1.00	Item	
36	^^^Supervision	1.00	Item	
37	^^^Managing Utilities	1.00	Item	
38	^^^Public Administration	1.00	Item	
39	^^^Site Maintenance	1.00	Item	

[illegible]

	-			
	-			
	-			
	-			
	-			
	-			
	-			
	<u>SERIES 100: PRELIMINARIES</u>			
	-			
3	<u>SERIES 200: SITE CLEARANCE</u>			
	<u>PREAMBLE</u>			
1	Note: The Items for Site Clearance are measured in accordance with TII Requirements for Measuring and Pricing of Site Clearance are deemed to include all Items listed under "Item Coverage"	Note		
	<u>INFORMATION</u>			
2	For detailed description of workmanship and materials see drawings and specification	Note		
3	All works to be carried out in accordance with current building regulations including subsequent amendments and including for all other I.S. B.S. & S.R standards as set out therein	Note		
4	Contractor must verify all dimensions on site before setting out, commencing work or producing any shop drawings.	Note		
5	All works to comply with Health & Safety Act	Note		
6	The tenderers should examine the Engineers Drawings and Specifications and satisfy themselves as to the nature and extent of works outlined below and should include for all costs in connection with same.	Note		
7	Any discrepancies in the drawings to be brought to the attention of the Engineer prior to commencing work	Note		
8	Allow for bringing and removal on completion all plant required for this element of work	Item		

9	The Contractor is deemed to have carefully studied the Drawings and Specifications, and included in his rates hereunder for the correct and complete execution of this element of the works.		Note		
10	All concrete works to be in accordance with all relevant specifications and all relevant British Standards		Note		
11	All aggregates for use in concrete shall be tested and certified to comply with the requirements of IS EN 13242 and Table E1 from Annex E of SR2I, in addition to any other requirements specified in other sections of the Engineers specification		Note		
	<u>Series 200 Site Clearance</u>				
12	^^^Take up and remove to tip off site; precast concrete kerbing	150.00	m		
13	^^^Take up and remove to tip off site; Existing footpaths; including making good to receive new surface.	115.00	m2		
14	^^^Take up and remove to tip off site; Existing macadam	24.00	m2		
15	^^^Take up and remove to tip off site; Existing Vegetation	10.00	m2		
16	^^^Take up and store for reuse; existing signage ; including making good	4.00	no.		
17	^^^Protection of existing boundary walls and fences for the duration of the works	1.00	Item		
18	^^^Protection of existing services.	1.00	Item		
19	^^^Remove signs/street furniture and store for reuse or dispose	1.00	Item		
	Other Items				
20	^^^The Contractor shall satisfy himself with the above items. The Contractor shall identify hereunder any additional works deemed necessary to complete this element of the works. The cost of same shall be shown opposite. No claims for any additional works or quantities not measured above or identified below shall be entertained.		Item		

SERIES 200: SITE CLEARANCE

4 SERIES 500: DRAINAGE AND SERVICE DUCTS

PREAMBLE

1	Note: The Items for Drainage and Service Ducts are measured in accordance with TII Requirements for Measuring and Pricing of Drainage and Service Ducts are deemed to include all Items listed under "Item Coverage" <u>INFORMATION</u>	Note		
2	For detailed description of workmanship and materials see drawings and specification	Note		
3	All works to be carried out in accordance with current building regulations including subsequent amendments and including for all other I.S. B.S. & S.R standards as set out therein	Note		
4	Contractor must verify all dimensions on site before setting out, commencing work or producing any shop drawings.	Note		
5	All works to comply with Health & Safety Act	Note		
6	The tenderers should examine the Engineers Drawings and Specifications and satisfy themselves as to the nature and extent of works outlined below and should include for all costs in connection with same.	Note		
7	Any discrepancies in the drawings to be brought to the attention of the Engineer prior to commencing work	Note		
8	Allow for bringing and removal on completion all plant required for this element of work	Item		
9	The Contractor is deemed to have carefully studied the Drawings and Specifications, and included in his rates hereunder for the correct and complete execution of this element of the works.	Note		
10	All concrete works to be in accordance with all relevant specifications and all relevant British Standards	Note		
11	All aggregates for use in concrete shall be tested and certified to comply with the requirements of IS EN 12620 and Table E1 from Annex E of SR21, in addition to any other requirements specified in other sections of the Engineers specification	Note		
12	It is anticipated that a number of Services may be located at shallow depths. Extreme Caution will need to be exercised	Note		

	<u>Series 500: Drainage and Service Ducts</u>			
13	^^^Excavations around existing services, parallel / next to / alongside excavations; Contractors Risk Item	1.00	Item	
14	^^^Breaking up existing rock; Contractors Risk Item	1.00	Item	
15	^^^Working next to existing buildings; Contractors Risk Item	1.00	Item	
	Drainage			
16	^^^Clean out and disposal of debris, detritus and silt from existing gullies and surface water drainage network	1.00	Item	
17	^^^Surface water drains; 150mm diameter HDPE pipe; up to 1500mm deep; incl excavations, disposal, concrete beds and surrounds, backfilling and making good on completion. All as per detail CC-SCD-0521, CC-SCD-0561 and CC-SCD-0562	265.00	m	
18	^^^Connections to existing surface water drainage	1.00	Item	
19	^^^Relocate Road Gully complete; to include all works required, removal and disposal of existing gullies, new ducting, chambers, gratings, frames, connecting to surface water drainage. All as per CC-SCD-0510 and CC-SCD-00512	2.00	no.	
20	^^^New gullies complete; including chamber and grating and frames and connecting to surface water drainage. All as per CC-SCD-510 and CC-SCD-00512	8.00	no.	
21	^^^Raising or Lowering of Manhole/Inspection Chambers to suit new proposed footpath	8.00	no.	
22	^^^Raising or Lowering of Water meter Covers to suit new proposed footpath	6.00	no.	
	Electrical and Comms			
23	^^^Supply and Install 50mm ducting including all associated civil work, excavation, disposal, beds and surrounds, backfilling and where applicable making good on completion; 500mm deep along new footpath construction.	66.00	m	
24	^^^Extra over for crossing existing road; incl all making good on completion; to include for all all traffic management required	17.00	m	

25	^^^Connection to existing electrical works.	1.00	Item		
26	^^^Raising or Lowering of Manhole/Inspection Chambers to suit new proposed footpath	2.00	no.		
	Protecting Existing Services.				
27	^^^Protecting existing ESB ducting during the works	1.00	Item		
28	^^^Protecting existing EIR ducting during the works	1.00	Item		
	Other Items				
29	^^^The Contractor shall satisfy himself with the above items. The Contractor shall identify hereunder any additional works deemed necessary to complete this element of the works. The cost of same shall be shown opposite. No claims for any additional works or quantities not measured above or identified below shall be entertained.		Item		
	<u>SERIES 500: DRAINAGE AND SERVICE DUCTS</u>				
5	<u>SERIES 600: EARTHWORKS</u>				
	<u>PREAMBLE</u>				
1	Note: The Items for Earthworks are measured in accordance with TII Requirements for Measuring and Pricing of Earthworks are deemed to include all Items listed under "Item Coverage"		Note		
	<u>INFORMATION</u>				
2	For detailed description of workmanship and materials see drawings and specification		Note		
3	All works to be carried out in accordance with current building regulations including subsequent amendments and including for all other I.S. B.S. & S.R standards as set out therein		Note		
4	Contractor must verify all dimensions on site before setting out, commencing work or producing any shop drawings.		Note		

5	All works to comply with Health & Safety Act		Note		
6	The tenderers should examine the Engineers Drawings and Specifications and satisfy themselves as to the nature and extent of works outlined below and should include for all costs in connection with same.		Note		
7	Any discrepancies in the drawings to be brought to the attention of the Engineer prior to commencing work		Note		
8	Allow for bringing and removal on completion all plant required for this element of work		Item		
9	The Contractor is deemed to have carefully studied the Drawings and Specifications, and included in his rates hereunder for the correct and complete execution of this element of the works.		Note		
10	All concrete works to be in accordance with all relevant specifications and all relevant British Standards		Note		
11	All aggregates for use in concrete shall be tested and certified to comply with the requirements of IS EN 12620 and Table E1 from Annex E of SR2I, in addition to any other requirements specified in other sections of the Engineers specification		Note		
<u>Series 600; Earthworks</u>					
Excavation					
12	^^^Excavation of acceptable Material Class 5A as per CC-SPW-00600 Series 600	85.00	m3		
13	^^^ Extra over excavation for excavating in hard material; including sawcutting existing pavements, paved areas and footways	1.00	Item		
Disposal					
14	^^^Disposal of acceptable Material Class 5A as per CC-SPW-00600 Series 600: off site	85.00	m3		
Topsoiling and Storage of Topsoil					
15	^^^Acceptable Material Class 5B Topsoil: in planters: average 300mm thick to planting areas	19.00	m2		

	Planting				
16	^^^Soft Landscaping to be created and planted with low flowering shrubs	19.00	m2		
	Geotextile				
17	^^^Mypex Weedblock or equivalent	19.00	m2		
	Other Items				
18	^^^The Contractor shall satisfy himself with the above items. The Contractor shall identify hereunder any additional works deemed necessary to complete this element of the works. The cost of same shall be shown opposite. No claims for any additional works or quantities not measured above or identified below shall be entertained.	1.00	Item		

	<u>SERIES 600: EARTHWORKS</u>			
6	<u>SERIES 700: PAVEMENTS</u>			
	<u>PREAMBLE</u>			
1	Note: The Items for Pavements are measured in accordance with TII Requirements for Measuring and Pricing of Pavements are deemed to include all Items listed under "Item Coverage"	Note		
	<u>INFORMATION</u>			
2	For detailed description of workmanship and materials see drawings and specification	Note		
3	All works to be carried out in accordance with current building regulations including subsequent amendments and including for all other I.S. B.S. & S.R standards as set out therein	Note		
4	Contractor must verify all dimensions on site before setting out, commencing work or producing any shop drawings.	Note		
5	All works to comply with Health & Safety Act	Note		
6	The tenderers should examine the Engineers Drawings and Specifications and satisfy themselves as to the nature and extent of works outlined below and should include for all costs in connection with same.	Note		
7	Any discrepancies in the drawings to be brought to the attention of the Engineer prior to commencing work	Note		
8	Allow for bringing and removal on completion all plant required for this element of work	Item		

9	The Contractor is deemed to have carefully studied the Drawings and Specifications, and included in his rates hereunder for the correct and complete execution of this element of the works.		Note		
10	All concrete works to be in accordance with all relevant specifications and all relevant British Standards		Note		
11	All aggregates for use in concrete shall be tested and certified to comply with the requirements of IS EN 13242 and Table E1 from Annex E of SR2I, in addition to any other requirements specified in other sections of the Engineers specification		Note		
	<u>Bus Set Down Area</u>				
12	Dense binder course asphalt concrete AC 20 dense bin 40/60 des series 900 clause 3.1.4 compacted thickness 45mm. SMA 10 surf PMB 65/105-60 to series 900 clause 5.1.1 compacted thickness of 30mm; include all preparation works; including blinding regulation as required	40.00	m2		
	<u>Raised Pedestrian Crossings</u>				
13	5700mm x 3000mm; controlled crossing; 75mm thick asphalt speed ramp/raised table; alter kerbing to suit; to include ramped access to speed ramp at a slope of 1.15; all as per CC-SCD-05134 and CC-SCD-05145	1.00	Nr		
14	3700mm x 2400mm; uncontrolled crossing 75mm thick asphalt speed ramp/raised table; alter kerbing to suit; to include ramped access to speed ramp at a slope of 1.15; all as per CC-SCD-05134 and CC-SCD-05145	1.00	Nr		
15	10000mm x 2700mm; uncontrolled crossing 75mm thick asphalt speed ramp/raised table; alter kerbing to suit; to include ramped access to speed ramp at a slope of 1.15; all as per CC-SCD-05134 and CC-SCD-05145	1.00	Nr		
	<u>Traffic Ramps</u>				
16	5000mm x 2500mm; 75mm thick asphalt speed ramp/raised table; alter kerbing to suit; to include ramped access to speed ramp at a slope of 1.15; all as per CC-SCD-05134 and CC-SCD-05145	2.00	Nr		
17	6800mm x 2500mm; 75mm thick asphalt speed ramp/raised table; alter kerbing to suit; to include ramped access to speed ramp at a slope of 1.15; all as per CC-SCD-05134 and CC-SCD-05145	1.00	Nr		

Other Items 18 ^^^The Contractor shall satisfy himself with the above items. The Contractor shall identify hereunder any additional works deemed necessary to complete this element of the works. The cost of same shall be shown opposite. No claims for any additional works SERIES 700: PAVEMENTS 7 SERIES 1100: KERBS, FOOTWAYS AND PAVED AREAS PREAMBLE	Item
---	-----------------

1	Note: The Items for Kerbs, Footways and Paved Areas are measured in accordance with TII Requirements for Measuring and Pricing of Kerbs, Footways and Paved Areas are deemed to include all Items listed under "Item Coverage"	Note		
	<u>INFORMATION</u>			
2	For detailed description of workmanship and materials see drawings and specification	Note		
3	All works to be carried out in accordance with current building regulations including subsequent amendments and including for all other I.S. B.S. & S.R standards as set out therein	Note		
4	Contractor must verify all dimensions on site before setting out, commencing work or producing any shop drawings.	Note		
5	All works to comply with Health & Safety Act	Note		
6	The tenderers should examine the Engineers Drawings and Specifications and satisfy themselves as to the nature and extent of works outlined below and should include for all costs in connection with same.	Note		
7	Any discrepancies in the drawings to be brought to the attention of the Engineer prior to commencing work	Note		
8	Allow for bringing and removal on completion all plant required for this element of work	Item		
9	The Contractor is deemed to have carefully studied the Drawings and Specifications, and included in his rates hereunder for the correct and complete execution of this element of the works.	Note		
10	All concrete works to be in accordance with all relevant specifications and all relevant British Standards	Note		
11	All aggregates for use in concrete shall be tested and certified to comply with the requirements of IS EN 12620 and Table E1 from Annex E of SR21, in addition to any other requirements specified in other sections of the Engineers specification	Note		
	<u>Series 1100: Kerbs and Footways</u>			
	Kerbs, Channels Footways and Paved Areas			

12	^^^Precast Concrete Kerb (Type A); straight or curved including drop kerbs (Type B) where necessary; exceeding 12m radius in accordance with CC-SCD-01101. Making good to carriage way measured elsewhere	350.00	m		
Footways and Paved Areas					
13	^^^New footpaths and footpaths realignment; 100mm thick brushed Concrete footway as per CC-SCD-01105 Type 1	355.00	m2		
	Extra Over				
14	2 layers A393 Mesh in concrete	51.00	m2		
15	Additional thickness of concrete to allow for 2 layers of mesh	51.00	m2		
Saw Cutting					
16	^^^Sawcutting of surfaces	1.00	Item		
17	^^^ Joints between new Concrete surface and existing surfaces	1.00	Item		
Tactile Paving					
18	^^^Red coloured Tactile Paving; 400x400mm bedded on 25mm moist sand and cement mortar (3:1) joints filled with 4:1 mix within 2mm of the paving surfaces; refer to Controlled Crossing as per TII Standard Construction Detail CC-SCD-05137.	13.00	m2		
19	^^^Buff coloured Tactile Paving; 400x400mm bedded on 25mm moist sand and cement mortar (3:1) joints filled with 4:1 mix to within 2mm of the paving surface; refer to Uncontrolled Crossings as per TII Standard Construction Detail CC-SCD-05136	11.00	m2		
Surface Finishes					
20	^^^ Making good to roads;SMA to match existing; along kerblines; <500mm wide	350.00	m		
21	^^^Working around existing services and poles	1.00	Item		
Other Items					

22	^^^The Contractor shall satisfy himself with the above items. The Contractor shall identify hereunder any additional works deemed necessary to complete this element of the works. The cost of same shall be shown opposite. No claims for any additional works or quantities not measured above or identified below shall be entertained.	Item		
	<u>SERIES 1100: KERBS, FOOTWAYS AND PAVED AREAS</u>			
8	<u>SERIES 1200: TRAFFIC SIGNS AND ROAD MARKINGS</u>			
	<u>PREAMBLE</u>			
1	Note: The Items for Traffic Signs and Road Markings are measured in accordance with TII Requirements for Measuring and Pricing of Traffic Signs and Road Markings are deemed to include all Items listed under "Item Coverage"	Note		
	<u>INFORMATION</u>			
2	For detailed description of workmanship and materials see drawings and specification	Note		

3	All works to be carried out in accordance with current building regulations including subsequent amendments and including for all other I.S. B.S. & S.R standards as set out therein		Note		
4	Contractor must verify all dimensions on site before setting out, commencing work or producing any shop drawings.		Note		
5	All works to comply with Health & Safety Act		Note		
6	The tenderers should examine the Engineers Drawings and Specifications and satisfy themselves as to the nature and extent of works outlined below and should include for all costs in connection with same.		Note		
7	Any discrepancies in the drawings to be brought to the attention of the Engineer prior to commencing work		Note		
8	Allow for bringing and removal on completion all plant required for this element of work		Item		
9	The Contractor is deemed to have carefully studied the Drawings and Specifications, and included in his rates hereunder for the correct and complete execution of this element of the works.		Note		
10	All concrete works to be in accordance with all relevant specifications and all relevant British Standards		Note		
11	All aggregates for use in concrete shall be tested and certified to comply with the requirements of IS EN 12620 and Table E1 from Annex E of SR21, in addition to any other requirements specified in other sections of the Engineers specification		Note		
<u>Series 1200: Traffic Signs and Road Marking</u>					
Road Markings					
<u>Line Markings</u>					
12	Thermoplastic road markings		noid		
13	^^^Removal of existing white center line	42.00	m		
14	^^^RRM 025 Removal of existing 100mm yellow lines linemarking	90.00	m		
15	^^^RRM 001 - Reinstate 100mm White Center Line	120.00	m		

16	^^^RRM 025 - Repaint 100mm existing yellow lines	210	m		
17	^^^ Text " CEANTAR SCOILE SCHOOL ZONE" Marking (1600mm)	3.00	no.		
	<u>^^^ Safe Routes to School Thermoplastic coloured dots; per per TII detail CC-SPW-01200 and traffic design manual; Colours to be RAL 3027, RAL 1023 and RAL 6017</u>				
18	^^^1500mm diameter	9.00	no.		
19	^^^1000mm diameter	9.00	no.		
20	^^^800mm diameter	12.00	no.		
21	^^^M112 Traffic Calming Triangles	30.00	no.		
22	^^^Zebra Crossing or Controlled Crossing Markings as per TII details and CC-SCD-5125; incl all markings, crossings, zig-zags and broken lines	1.00	no.		
23	^^^uncontrolled Crossing Markings as per TII details and CC-SCD-5125; incl all markings, crossings, zig-zags and broken lines	2.00	no.		
	<u>Gateway Marking</u>				
24	^^^Cold applied high Friction surface to TII; CC-SPW-700 to 1200, minimum skid resistance value (SRV) of 65; colour Red	110.00	m2		
25	^^^Cold applied high Friction surface to TII; DN-PAV-03024, CC-SPW-700 to 1000, minimum skid resistance value (SRV) of 65; colour buff; binder shall be methyl methacrylate, methacolle BBA or similar in accordance with Clause 7.3 of series 900 TII Specifications	155.00	m2		
	<u>Signage</u>				
26	^^^W 140 Pedestrian crossing sign; to include excavation, disposal, concrete bases and poles	2.00	no.		
27	^^^W130 Road Hump Sign; to include excavation, disposal, concrete bases and poles	4.00	no.		
28	^^^RUS 002 Keep Right Sign; 1m high; to include excavation, disposal, concrete bases and pole	2.00	no.		
29	^^^ Reinstalling existing signage and poles	5.00	no.		

30	^^^School banner; School Zone Gateway Banner 700mm x 2400mm, brackets to fixed to existing Lighting Column	2.00	no.		
31	^^^School Zone gateway coloured pole with W141 School ahead warning; to include excavation, disposal, signage, coloured pole covers, concrete bases and pole	2.00	no.		
	Other Items				
32	^^^The Contractor shall satisfy himself with the above items. The Contractor shall identify hereunder any additional works deemed necessary to complete this element of the works. The cost of same shall be shown opposite. No claims for any additional works or quantities not measured above or identified below shall be entertained.	1.00	Item		

SERIES 1200: TRAFFIC SIGNS AND ROAD MARKINGS

SERIES 1400: ELECTRICAL WORKS FOR ROAD LIGHTING AND TRAFFIC SIGNS

PREAMBLE

Note: The Items for Electrical Works for Road Lighting and Traffic Signs are measured in accordance with TII Requirements for Measuring and Pricing of Electrical Works for Road Lighting and Traffic Signs are deemed to include all Items listed under "Item Coverage"

Note

INFORMATION

For detailed description of workmanship and materials see drawings and specification

Note

3	All works to be carried out in accordance with current building regulations including subsequent amendments and including for all other I.S. B.S. & S.R standards as set out therein		Note		
4	Contractor must verify all dimensions on site before setting out, commencing work or producing any shop drawings.		Note		
5	All works to comply with Health & Safety Act		Note		
6	The tenderers should examine the Engineers Drawings and Specifications and satisfy themselves as to the nature and extent of works outlined below and should include for all costs in connection with same.		Note		
7	Any discrepancies in the drawings to be brought to the attention of the Engineer prior to commencing work		Note		
8	Allow for bringing and removal on completion all plant required for this element of work		Item		
9	The Contractor is deemed to have carefully studied the Drawings and Specifications, and included in his rates hereunder for the correct and complete execution of this element of the works.		Note		
10	All concrete works to be in accordance with all relevant specifications and all relevant British Standards		Note		
11	All aggregates for use in concrete shall be tested and certified to comply with the requirements of IS EN 12620 and Table E1 from Annex E of SR21, in addition to any other requirements specified in other sections of the Engineers specification		Note		
<u>Series 1400: Electrical Works for Road Lighting and Traffic Signs</u>					
12	^^^Micropillars; provide bases and connections to Micropillars (supplied by others)	1.00	no.		
13	^^^ESB - Connection to minipillars, pulling underground cables	1.00	Item		
<u>Belisha Beacons</u>					
14	^^^Belisha Beacons to Controlled crossings; Type B1 as per CC-SCD-05138; with integral street light fitted with lantern with shroud to suit ; including for all associated 2 way ducting, crossing including making good to carriageway on completion (1 Pair at each crossing)	1.00	no.		

15

Other Items

^^^The Contractor shall satisfy himself with the above items. The Contractor shall identify hereunder any additional works deemed necessary to complete this element of the works. The cost of same shall be shown opposite. No claims for any additional works or quantities not measured above or identified below shall be entertained.

Item

	<u>SERIES 1400: ELECTRICAL WORKS FOR ROAD LIGHTING AND TRAFFIC SIGNS</u>			
10	<u>SERIES 000: SITE FITTINGS</u> <u>PREAMBLE</u> Note: The Items for Structural Concrete are measured in accordance with TII Requirements for Measuring and Pricing of Structural Concrete are deemed to include all Items listed under "Item Coverage" <u>INFORMATION</u> For detailed description of workmanship and materials see drawings and specification All works to be carried out in accordance with current building regulations including subsequent amendments and including for all other I.S. B.S. & S.R standards as set out therein Contractor must verify all dimensions on site before setting out, commencing work or producing any shop drawings. All works to comply with Health & Safety Act The tenderers should examine the Engineers Drawings and Specifications and satisfy themselves as to the nature and extent of works outlined below and should include for all costs in connection with same. Any discrepancies in the drawings to be brought to the attention of the Engineer prior to commencing work Allow for bringing and removal on completion all plant required for this element of work	Note Note Note Note Note Note Note Item		

9	The Contractor is deemed to have carefully studied the Drawings and Specifications, and included in his rates hereunder for the correct and complete execution of this element of the works.		Note		
10	All concrete works to be in accordance with all relevant specifications and all relevant British Standards		Note		
11	All aggregates for use in concrete shall be tested and certified to comply with the requirements of IS EN 13242 and Table E1 from Annex E of SR2I, in addition to any other requirements specified in other sections of the Engineers specification		Note		
	<u>Series 000: Site Fittings</u>				
	Bollards				
12	Supply and Install 1000mm removable flexible X-Last polyurethane pencil bollard to EN 12767 (RAL 18); installed with RS76 Retention sockets with keys; 300mm underground Include for all excavation, setting in concrete and making good on completion.	47.00	no.		
	Other Items				
13	^^^The Contractor shall satisfy himself with the above items. The Contractor shall identify hereunder any additional works deemed necessary to complete this element of the works. The cost of same shall be shown opposite. No claims for any additional works or quantities not measured above or identified below shall be entertained.		Item		

SERIES 000: SITE FITTINGS

SUMMARY

PREAMBLES

SERIES 100: PRELIMINARIES

SERIES 200: SITE CLEARANCE

SERIES 500: DRAINAGE AND SERVICE DUCTS

SERIES 600: EARTHWORKS

SERIES 700: PAVEMENTS

SERIES 1100: KERBS, FOOTWAYS AND PAVED AREAS

SERIES 1200: TRAFFIC SIGNS AND ROAD MARKINGS

SERIES 1400: ELECTRICAL WORKS FOR ROAD LIGHTING AND TRAFFIC SIGNS

SERIES 000: SITE FITTINGS

TOTAL

Contractors Signature: _____

on Behalf of _____

Address _____

Contact Number _____

Email Address _____

Date