

Wirksworth Meadows
Matlock
Tender Documents
Prepared by
Urban Wilderness
01st February 2024

Urban Wilderness
7 Saw Mill Yard, Water Lane, Holbeck
Leeds
West Yorks
LS11 5WH

On behalf of
Wirksworth Town Council

Contents:

Introduction to Project

Instructions to Tenderers

Designers Risk Assessment Form

Preliminaries

Specification

Schedules of Work

Non-Collusive Tendering Certificate

Form of Tender

The Nature of the Project

Client:

Wirksworth Town Council

Town Hall

Coldwell Street

Wirksworth

Derbyshire

DE4 4EU

Location of site:

Wirksworth Meadows

Wirksworth, Matlock

Figure 1: Location of site



Nature of Work to be carried out:

- Footpath and hardstanding creation, minor site regrading, meadow and grass seeding, tree and shrub planting, furniture installation and maintenance.

Time scale:

- Tender documents issued: 5th February 2024

- Tenders to be returned by: **4th March 2024**
- Works to start on site: **1st July 2024**
- Practical completion: **31st October 2024** and tree planting in the following planting season.

The Existing Environment

Land uses on the site

- Public open space

Surrounding land uses

- Residential housing.

Existing services

- The contractor is responsible to confirm all the locations of services on site prior to commencing work, and liaising with Statutory Undertakers as required.

Existing traffic systems and restrictions

- Narrow residential streets where parking is an issue, narrow access to site, on site access for site compound is available. Access to be taken from Yokecliffe Crescent.

All works must comply with New Roads and Streetworks Act 1991- Code of Practice for Traffic Management, Chapter 8 “Safety at Street Works and Roadwork’s”. The Contractor to liaise with the Highway Authority.

Ground Conditions

- No significant issues.

Contractor to inform CDM Principal Designer if any unknown building foundations, drains etc. are found as part of the site preparation, excavation and / or construction operations.

Existing Drawings

There is no Health & Safety File. Further information on the existing site is contained in the survey drawing.

The Design

Significant Hazards

Refer to the attached contract documentation and drawings. The design includes the following significant health & safety hazards, which cannot be designed out. It shall be noted that this does not include details of common hazards of which it would be reasonable to assume a competent contractor would be aware:

- No significant hazards other than public access.

Construction Materials

The Control of Substances Hazardous to Health

The contractor shall comply with the Regulations and carry out COSHH assessments, risk assessments and keep records. In particular:

- No significant risks identified.

Heavy Materials

The contractor shall describe their method of transporting/unloading/installing materials exceeding 20kg in weight. In particular:

- Aggregates, bricks and paving blocks.

Plant / Machinery / Process / Equipment

The contractor shall provide details such as Statutory forms/certification/assessment, employee competence and equipment maintenance records as applicable:

Site Wide Elements

Positioning of access and egress points

- To be taken from Yokecliffe Crescent

Location of temporary site accommodation and storage

- Potential site identified in north west of the site where proposed concrete block is to be located.

Welfare Facilities

- To be provided by the Contractor in accordance with current Regulations. Reference: The Construction (Health, Safety and Welfare) Regulations 2007.

First Aid

- To be provided by the Contractor.

Traffic / pedestrian routes

- Diversion of public right of way and any diversion of pedestrian routes to be arranged by the Contractor prior to the commencement of works. Public rights of way run east to west along top path in the site and diagonally north east to south west through site.

Overlap with Client's Undertaking & Operations

Health & Safety issues which arise on sites occupied or partly occupied by the client, employees, etc.

- None foreseen at time of writing

Site Rules

Statutory Instruments

Much legislation has been introduced to control health and safety on construction sites. The Contractor shall be aware of and comply with all current relevant legislation. The main ones being:

- The Health & Safety at Work Etc. Act 1974
- The Management of Health & Safety at Work Regulations 2006
- The Construction (Health, Safety and Welfare) Regulations 2007
- The Construction (Head Protection) Regulations 1989
- The Construction (Design and Management) (Amendment) Regulations 2007

A full list of relevant legislation is available, on request, from the CDM Principal Designer.

HSE Publications

The HSE publish many books of guidance and information on health and safety, the most useful of which is the publication 'Construction (Design and Management) Regulations 2007 Approved Code of Practice, available on the HSE website.

Security

- The Contractor shall ensure that all site personnel working on the site always have visible means of identification on display.

Visitors

- All unauthorised visitors shall not be allowed to enter the site.
- The Contractor shall advise all visitors of any hazards on the site, before being allowed to enter the construction area. All visitors must wear suitable and sufficient personal protective equipment.
- The Contractor should set up a visitor book.

Personal Protection

- Appropriate personal protective equipment should be worn by site operatives throughout the duration of the works.

Safe Working Routes

- Hazards such as holes in the ground shall be protected to prevent falls of persons or materials. Exposed ducts or trenches should be protected with appropriate barriers, fences, signs, notices, etc.

Continuing Liaison

Monthly H & S Reports

The Contractor shall prepare a brief written report on health and safety as part of their normal progress report submitted at monthly progress meetings. The report should cover, as a minimum:

- Any accidents or dangerous occurrences.
- Any divergence from the health and safety plan.

- Any visits from the HSE.
- Any visits by the contractor's own health and safety monitors.

Information requested/obtained for inclusion in the health and safety file.

The Principal Contractor is to notify the CDM Co-ordinator in writing as soon as any additional health and safety issues, which relate to this contract, become apparent as part of the construction phase. The CDM Principal Designer will arrange a meeting with the Principal Contractor, the Client and others, (as appropriate) to discuss these issues and agree the appropriate action.

The Health and Safety Plan in the Construction Phase:

The principal contractor is required to compile the Health and Safety Plan and manage all the health and safety issues on site during the construction phase, as detailed in Appendix 2.

Training and staff

All staff on the project must be competent to discharge their safety responsibilities. They must know what is expected of them and have the necessary skills, knowledge and support to perform effectively and safely.

The Principal Contractor is to ensure that a system to identifying and meeting the staff training needs and for giving them adequate briefing and support on safety matters is included as part of the Construction Stage Health & Safety Plan.

Health & Safety File

Practical completion will be dependent on information for the completion of the health and safety file being handed to the CDM Principal Designer. Information should therefore be collected throughout the life of the project. Production of the file must be linked to any phased completion and use by the client of completed areas, such that the client has information on the structure, fabric and systems to ensure safe use, maintenance and cleaning of the structure. The practicalities associated with production of this information in advance of overall completion are recognised and it may well be the information remains with the Contractor but is readily available for use. This aspect will be the subject of further discussion with the Client, Contractor and CDM Principal Designer during the construction phase.

Information required from the Contractor:

- Subcontractors/Suppliers: names, addresses, telephone/fax numbers, contacts, including sources of materials.
- Record drawing of incoming services or diversions.
- Test certificates for any items not already covered in the usual Operation and Maintenance manuals for the services installations.
- Any specific requirements for future maintenance/cleaning of construction materials.

APPENDIX 1

Project Organisation

Site Name: Wirksworth Meadows

Client: Wirksworth Town Council

Address: Town Hall
Coldwell Street
Wirksworth
Derbyshire
DE4 4EU

Telephone No: 01629 823408

Designer: Urban Wilderness: represented by
Rebecca Smith- Project Landscape Architect

Project Leader: Steve Frazer – Associate Director

Address: Urban Wilderness
7 Saw Mill Yard, Water Lane, Holbeck
Leeds
West Yorkshire
LS11 5WH

CDM Principal Designer: Paul Jennings

Address: Wirksworth Town Council
Town Hall
Coldwell Street
Wirksworth
Derbyshire
DE4 4EU

Telephone No: 01629 823408

Principal Contractor: Winning tenderer t.b.c.

Address: t.b.c.

Telephone No: t.b.c.

APPENDIX 2

The Construction Phase Health & Safety Plan must cover the following:

1. General statement of health & safety principles.
2. Management structure and construction project team responsibilities, on and off site.
Principal Contractor's arrangements for instructing contractors.
3. Method of informing all parties of risks to health and safety affecting their operations.
4. Selection procedures – assessing competence, resources.
5. Provision of health and safety information and training.
6. Communication arrangements to contractors, design team and CDM Principal Designer.
7. Arrangements for assessing and managing risks including:
 - (a) Programme of work activities
 - (b) Storage and distribution of materials
 - (c) Movement of vehicles on site relative to pedestrian/vehicular safety
 - (d) Control and disposal of waste
 - (e) Provision and use of common means of access to workplaces
 - (f) Provision and use of mechanical plant by several contractors
 - (g) Temporary support structures
 - (h) Commissioning, including Permit to Work systems
 - (i) Protection against falling materials
 - (j) Protection against tripping and falling
 - (k) Exclusion of unauthorised people
8. Emergency procedures – fire and accidents
9. Arrangements for informing the Principal Contractor of notifiable accidents under the Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995.
10. Arrangements for provision of Welfare facilities as required under the Workplace (Health, Safety and Welfare) Regulations 1992.
11. Checking procedures to ensure site personnel have health and safety information and training sufficient for their needs.

12. Method of displaying statutory notices.
13. Arrangements for consulting and co-ordinating views of others.
14. Display of site rules applicable to contractors, workers, visitors, etc.
15. Arrangements for collecting and forwarding information for the Health & Safety File to the CDM Co-ordinator.
16. Monitoring arrangements to comply with legal requirements, site rules, procedures and standards met against those set for the project.
17. Project review arrangements.

APPENDIX 3

Method Statement – General Information on Contents:

1. The item of work.
2. The location, including access and site boundary.
3. Duration of the works, including key stages.
4. Safety arrangements required.
5. Personnel involved – numbers, skills, training, and PPE requirements.
6. Briefing arrangements for site personnel affected by the Method Statement.
7. Resources to be used (plant and machinery).
8. Detail of how the work will be carried out, including drawings and/or explanation, and necessary scaffolding/ladders, and arrangements for erection and dismantling temporary works.
9. Detail of temporary works required.
10. Risks identified with proposed method of control.
11. Emergency arrangements – fire, injury, etc.

INSTRUCTIONS TO TENDERERS

TENDERERS MUST BE SUBMITTED IN ACCORDANCE WITH THE FOLLOWING INSTRUCTIONS. TENDERERS NOT COMPLYING WITH THESE INSTRUCTIONS MAY BE REJECTED BY THE EMPLOYER WHOSE DECISION IN THE MATTER SHALL BE FINAL.

1. These instructions form part of the Contract Documents
2. The Form of Tender and Non-Collusive Tendering Certificate shall be completed and signed by all tendering Contractors and, together with the fully priced Schedule of Works and any covering letter necessary, shall be returned by email to enquiries@wirksworth.gov.uk, and bearing the words: "TENDER FOR WIRKSWORTH MEADOWS"
3. Alternatives to specified works will only receive consideration when accompanied by an unqualified conventional tender based on the attached Specification and Drawings and then only when presented with full details of any revisions to the Schedules of Quantity that would be necessary.
4. No UNAUTHORISED alteration or additional should be made to the Form of Tender, to the Schedules of Quantity or to any other component of the tender document.
5. Any rates that the Contractor wishes to include elsewhere should be clearly marked NIL in the Tender.
6. Any queries arising from the tender documents which may have a bearing on the offer to be made should be raised with the Landscape Architect as early as possible in the tender period.
7. Errors made in tendering may be rectified (prior to the Contract being let) in accordance with JCT Practice Note 2012.
8. Any tenders received after the date and time for receipt stated above will be opened to identify the sender and returned to that person or firm.
9. The Employer does not bind himself to accept the lowest or any tender.
10. It is the practice to publish the amount of the tenders in numerical order and the name of the tenderers in alphabetical order. If a tenderer would not wish such details to be released, he should notify his objection and reasons at the time of tendering.

11. Tenders must be returned (by email) to:

enquiries@wirksworth.gov.uk

Town Clerk- Paul Jennings

Wirksworth Town Council

On or before 09.00 Hours Monday 4th March 2024

Appendix 4

Designers Hazard Identification Form:

Project no: 475 Designer: Rebecca Smith

Project: Wirksworth Meadows, Wirksworth

Stage of work: Pre-Contract

Date 01 February 2024

Ref	Hazard	Action	Inform
1	Underground Services	Contact statutory undertakers for service locations. Avoid disturbance if possible.	PD
2	Site Security	Include item for adequate and appropriate security provision in contract to allow contractor to secure the site and secure elements of work.	PD
3	Proximity of residential area	Ensure conditions relating to working hours and contract preliminaries. Restrict working areas and ensure stockpiles of materials are stored at adequate distances away. Public are used to accessing the site.	PD
4	Temporary diversion of public right of way	Apply for temporary diversion order from Derbyshire County Council.	CO

5	Noise and Vibration	Contractor to provide method statement	PD
6	Hazardous substances	Limit specification of such materials. Ensure COSHH assessments undertaken.	PD
7	Excavations	Assess risks to underground services, effect on watercourse and surface water drainage. Works to take place during suitable weather and ground conditions.	PD
9	Trees	Works within the proximity of trees should be undertaken with care ensuring any works within root protection areas are done by hand and in line with arboriculture advice.	CO

Key

Information refers to who has to be sent relevant information:

PD – CDM Principal Designer

LA- Landscape Architect

CO- Contractor

Ref no.	Activity Element	Potential Hazard	Population at risk	Risk Rating			Designer Control Methods	Possible Control Options (contractors)	Action Taken	Revised Risk Rating			
				Likelihood	Severity	Risk Rating						By	
1	<u>Site Wide</u>	Site access/egress	Contractors,public,visitors.	M	H	M	Investigate local traffic restrictions and potential access problems.	Warning signs;adequate & suitable traffic management; co-ordination of deliveries. Prevent access of unauthorised personnel on site; hi-viz PPE; arrange for diverted access of pedestrians and move site boundary along to minimize impact at any one time.	Contractor	L	H	L	Start Date
	Access	Collision with site traffic	Contractors,public,visitors.	M	H	M	Ensure access through the site can be maintained.	Unsupervised excavations to be made safe; PPE; Safe storage. Secure Site.	Contractor	L	H	L	Start Date
	Deliveries	Slips, Trips and Falls	Contractors,public,visitors.	H	L	M	Plan layout of site to allow adequate storage areas where practical.	Establish exact location of services using CAT apparatus/Manual dig. Protect.	Contractor	L	L	L	Start Date
	Site Compound Traffic Routes Pedestrian Routes Work Areas	Existing Services	Contractors	M	H	H	Take account of existing underground services and work in close proximity		Contractor	M	H	M	Tender
2	<u>Clearance/Earth works</u>	Live services	Contractors	M	H	H	Adequate investigation. Avoid excavation near live services	Establish exact location of services using CAT apparatus/manual dig.	Contractor	M	H	M	Tender
		Instability of excavations	Contractors,public,visitors.	M	H	M	Adequate investigation. Minimise excavation, number of operations and time required excavating in poor ground conditions.	Shore; brace unstable excavations. Identify/ secure unattended excavations.	Contractor	L	M	L	Start Date
		Fire/Explosion	Contractors,public,visitors.	M	H	M	Identify gas/fuel pipers/tanks methane, dust etc. Avoid.	Establish exact location of services using CAT apparatus/manual dig.	Contractor	L	H	L	Start Date
		Noise/Vibration	Contractors,public,visitors.	M	L	L	Consider existing/surrounding premises. Specify any noise or vibration restrictions.	Work during normal hours	Contractor	M	L	L	Start Date
		Obstruction of the narrow highway	Contractors,public,visitors.	M	H	M	Minimise possible conflict with pedestrians and vehicles on the highway when transporting materials on & off site.	Warning signs; adequate & suitable traffic management; mud or debris spilt onto active highway removed immediately.	Contractor	L	H	L	Start Date

Ref no.	Activity Element	Potential Hazard	Population at risk	Risk Rating			Designer Control Methods	Possible Control Options (contractors)	Action Taken	Revised Risk Rating			
				Likelihood	Severity	Risk Rating				By	Likelihood	Severity	Risk Rating
3	<u>Paving</u> Natural Pavers	Live services	Contractors	M	H	H	Adequate investigation. Avoid excavation near live services.	Establish exact location of services using CAT apparatus/manual dig.	Contractor	M	H	H	Tender
	Self binding gravel	Manual handling/Musculo-skeletal injuries	Contractors	M	M	M	Design to allow mechanical handling where possible. Where unavoidable reduce unit weights to acceptable levels.	Ensure standard manual handling guidance adhered to.	Contractor	L	M	M	Start Date
		Setts	Skin diseases	Contractors	L	L	L	Avoid specifying materials and substances which are likely to cause skin problems. Design to avoid cutting, chasing etc.	Use of PPE. Follow current H&S guidance.	LA Contractor	L	L	L
	Working on gradients		Contractors	M	L	L	Grade slopes to minimum gradients possible.	Use plant suitable for use on gradients.	LA Contractor	L	L	L	Tender
	Fumes/Burns/Respiratory injuries		Contractors,public,visitors.	M	M	M	Avoid specifying materials and substances which are likely to cause skin problems, burns.	Use of PPE. Follow current H&S guidance.	LA Contractor	L	M	L	Tender
	Trips/Highway obstruction		Contractors,public,visitors.	M	H	M	Plan layout of site to allow adequate storage areas, alternative routes for pedestrians.	Warning signs; adequate & suitable traffic management.	LA Contractor	L	M	L	Tender
	4.	<u>Seeding</u> Herbicide	Skin diseases	Contractors	L	L	L	Avoid specifying materials and substances with are likely to cause skin problems.	Use of PPE. Follow current H&S guidance.	LA	L	L	L
Maintenance		Wind spray, respiratory injuries	Contractors,public,visitors.	M	M	L	Avoid specifying materials and substances with are likely to cause respiratory problems.	Do not spray in windy conditions. Use of PPE	LA	L	L	L	Tender
		Working on gradients	Contractors	M	L	L	Grade slopes to minimum gradients possible. Specify low maintenance planting on steep gradients.	Use plant suitable for use on gradients.	LA Contractor	L	L	L	Tender

Wirksworth Meadows
Matlock

PRELIMINARIES AND DETAILED SPECIFICATION

Prepared by
Urban Wilderness
01st February 2024

Urban Wilderness
7 Saw Mill Yard, Water Lane, Holbeck
Leeds
West Yorks
LS11 5WH

On behalf of
Wirksworth Town Council

Urban Wilderness Ltd

Wirksworth Town Council

Wirksworth Meadow

JCLI Works

01-02-2024



Contents

A10 Project particulars	1
A11 Tender and contract documents	3
A12 The site/ existing buildings.....	4
A13 Description of the work	6
A20 JCLI landscape works contract.....	7
A30 Tendering/ subletting/ supply.....	10
A31 Provision, content and use of documents.....	13
A32 Management of the works	17
A33 Quality standards/ control	20
A34 Security/ safety/ protection	25
A35 Specific limitations on method/ sequence/ timing.....	30
A36 Facilities/ temporary work/ services.....	31
A37 Operation/ maintenance of the finished works	33
A54 Provisional work/ items	34

A10

Project particulars

Clauses

110 The Project

1. Name: Wirksworth Meadows
2. Nature: Public open space improvements including biodiversity improvements, furniture installation and path and hardstanding installation.
3. Location: Wirksworth, Matlock.
4. Timescale for construction work: 12 weeks

120 Employer (client)

1. Name: Wirksworth Town Council
2. Address: Town Hall
Coldwell Street
Wirksworth
Derbyshire
DE4 4EU
3. Contact: Paul Jennings & April Fussell
4. Telephone: 01629 823408
5. Email: enquiries@wirksworth.gov.uk

130 Principal contractor (CDM)

1. Name: Winning Contractor
2. Address: t.b.c
3. Contact: t.b.c
4. Telephone: t.b.c
5. Email: t.b.c

140 Landscape architect/ contract administrator

1. Name: Urban Wilderness
2. Address: 7 Saw Mill Yard, Water Lane, Holbeck
Leeds
West Yorkshire
LS11 5WH
3. Contact: Rebecca Smith or Steve Frazer
4. Email: Rebecca.smith@urbanwilderness.co.uk or Steve.Frazer@urbanwilderness.co.uk

150 Principal designer

1. Name: Paul Jennings
2. Address: Town Hall
Coldwell Street
Wirksworth
Derbyshire
DE4 4EU
3. Telephone: 01629 823408
4. Email: enquiries@wirksworth.gov.uk

A11

Tender and contract documents

Clauses

110 Tender drawings

1. The tender drawings are: 475-UW-T-001-Hardworks,Furniture & Levels, 475-UW-T-002-Softworks & Management Plan, 475-UW-T-003-Surfacing & edging, 475-UW-T-004-Furniture Details 1 of 2, 475-UW-T-005-Furniture Details 2 of 2, 475-UW-T-011-Landscape Specification, 475-UW-T-012-Schedule of works

120 Contract drawings

1. The contract drawings: The same as the tender drawings.

130 Quantities drawings

1. The drawings from which the quantities included in the specification/ schedules have been prepared are
 - 1.1. The same as the tender drawings.

160 Pre-construction information

1. **Format:** The pre-construction information is described in these Preliminaries in section A34. It refers to information given elsewhere in the Preliminaries, specification, drawings and associated documents.

180 Other documents

1. **Inspection:** Drawings and other documents relating to the Contract but not included in the tender documents may be seen by appointment during normal office hours at the office of Urban Wilderness.
2. **The documents include:** 1637_Meadows_Report_ca, Wirksworth Meadows-Tree Condition Report-Version 1.

Ω End of Section

A12

The site/ existing buildings

Clauses

110 The site

1. **Description:** Wirksworth Meadows is a public open space on a gradually sloping site surrounded by residential property. There are two surfaced public rights of way running through the site which are well used. There is a woodland running on the east boundary and much of the site is rough grassland.

120 Existing buildings on/ adjacent to the site

1. **Description:** Residential property backs onto all boundaries of the site.

140 Existing utilities and services

1. **Other information:** Existing services within construction areas are not anticipated by the Local Authority. It is the contractors responsibility to ensure there are no existing services in the construction area.

200 Access to the site

1. **Description:** Access to be taken from the north west of the site on Yokecliffe Crescent, Wirksworth, Matlock.
2. **Limitations:** Relatively narrow access and residential parking.
3. **Access for inspections:** Provide access at reasonable times for both on-site and off-site work.

210 Parking

1. **Restrictions on parking of the Contractor's and employees' vehicles:** The contractor is expected to be considerate to others need for access and parking, in particular residents and access for any emergency services.

220 Use of the site

1. **General:** Do not use the site for any purpose other than carrying out the Works.
2. **Limitations:** Any compound or storage area must be agreed and be on site unless specifically agreed with the contract administrator.

230 Surrounding land/ building uses

1. **General:** Adjacent or nearby uses or activities are as follows: Residential, Retail

240 Health and safety hazards

1. **General:** The nature and condition of the site/ building cannot be fully and certainly ascertained before it is opened up. However, the following hazards are or may be present:
 - 1.1. See pre tender health and safety risk assessment.
2. **Information:** The accuracy and sufficiency of this information is not guaranteed. Ascertain if any additional information is required to ensure the safety of all persons and the works.
3. **Site staff:** Draw to the attention of all personnel working on the site the nature of any possible contamination and the need to take appropriate precautionary measures.

250 Site visit

1. **Assessment:** Ascertain the nature of the site, access there to and all local conditions and restrictions likely to affect the execution of the Works.

2. **Arrangements for visit:** The tenderers may visit the wider site at any time without any special arrangements for visit.

Ω End of Section

A13

Description of the work

Clauses

120 The work

1. **Description:** Footpath and hardstanding creation, including paver, sett and edging laying, minor site regrading, meadow and grass seeding, tree and shrub planting and furniture installation. One year maintenance of new works and existing grassland.

Ω End of Section

A20

JCLI landscape works contract

Clauses

JCLI landscape works contract

- The contract: JCLI Landscape Works Contract 2017 (JCLI LWC 2017).
- Requirement: Allow for the obligations, liabilities and services described.

The recitals

First - The Works

- **Comprise:** Footpath and hardstanding creation, minor site regrading, meadow and grass seeding, tree and shrub planting and furniture installation. One year maintenance of new works and existing grassland.
- **Location of the works:** See clause A12/110.
- **Landscape architect/ contract administrator:** See clause A10/140.

Second - Contract documents

- **Contract Drawings:** As listed in clause A11/120.
- **Contract Documents:** The following have been prepared which show and describe the work to be done: The Contract Drawings, The Contract Specification ,Work Schedules.

Articles

3 - Landscape Architect/ Contract Administrator

- **Landscape Architect/ Contract Administrator:** See clause A10/140.

4 and 5 - Principal Designer/ Principal Contractor

- **Principal Designer:** See clause A10/150.
- **Principal Contractor:** See clause A10/130.

Contract particulars

Fourth Recital and Schedule 2 - Base date

- **Base date:** 23rd February 2024

Fourth Recital and clause 4.2 - Construction industry scheme (CIS)

- Employer at the Base Date is a 'contractor' for the purposes of the CIS.

Fifth Recital - CDM Regulations

- The CDM Regulations apply, only one contractor (as defined in those regulations) is required, clause 3.9 applies and Articles 4 and 5 are not applicable (unless circumstances change).

Seventh Recital and Schedule 3 - Supplemental Provisions

- **Collaborative working:** Supplemental Provision 1 applies.
- **Health and safety:** Supplemental Provision 2 applies.
- **Cost savings and value improvements:** Supplemental Provision3 applies.

- Sustainable development and environmental considerations: Supplemental Provision 4 applies.
- Performance indicators and monitoring: Supplemental Provision 5 applies.
- Notification and negotiation of disputes: Supplemental Provision 6 applies.
- Where Supplemental Provision 6 applies, the respective nominees of the parties are
 - Employer's nominee: Tim Reid
 - Contractor's nominee: to be nominated
- Or such replacement as each party may notify to the other from time to time.

Article 7 - Arbitration

- Article 7 and Schedule 1 apply.

Clause 2.2 - Commencement and Completion

- Works commencement date: 1st July 2024
- Date for Completion: 31st October with Tree planting in the following following planting season

Clause 2.8 - Liquidated damages

- At the rate of £400 per calendar week or pro-rata thereto.

Clause 2.10 - Rectification period

- Defects and plant establishment by Contractor: Clause 2.10A applies (2.10B deleted).
- Rectification period: 12 months from the date of practical completion.

Clause 4.3.1 - Percentage of the total value of work etc

- Percentage: 95

Clause 4.4.1 - Percentage of the total value of work etc

- Percentage: 97.5

Clause 4.3, 4.4 and 4.8 - Fluctuations provision

- The following fluctuations provision applies: No Fluctuation provision

Clause 4.8.1 - Supply of documentation for computation of amount to be finally certified

- Period: Twelve Months

Clause 5.3 - Contractor's Public Liability insurance - injury to persons or property

- The required level of cover for any one occurrence or series of occurrences arising out of one event
 - Not less than: £5,000,000.00

Clauses 5.4A, 5.4B, 5.4C and 5.4D - Insurance of the works etc - alternative provisions

- Clause 5.4A (Works insurance by Contractor in Joint Names) applies..
- Where clause 5.4A or 5.4B applies, percentage to cover professional fees: 15

Clause 7.2 - Adjudication

- The Adjudicator is: not named
- Nominating body: President or Vice President of the Landscape Institute

Schedule 1 paragraph 2.1 - Arbitration

- Appointor of Arbitrator (and of any replacement): President or a Vice president of the: Landscape Institute.

The conditions - No Amendments

Section 1: Definitions and Interpretation - No Amendments

Section 2: Carrying out the Works - No Amendments

Section 3: Control of the Works - No Amendments

Section 4: Payment - No Amendments

Section 5: Injury, Damage and Insurance - No Amendments

Section 6: Termination - No Amendments

Section 7: Settlement of Disputes - No Amendments

Execution

Execution

- The contract: Will be executed under hand.

Contract guarantee bond - No Amendments

Ω End of Section

A30

Tendering/ subletting/ supply

Main contract tendering

110 Scope

1. **General:** These conditions are supplementary to those stated in the Invitation to Tender and on the form of tender.

145 Tendering procedure

1. **General:** In accordance with NBS Guide to Tendering for Construction Projects.
2. **Errors:** Alternative 2 is to apply.

160 Exclusions

1. **Inability to tender:** Immediately inform if any parts of the work as defined in the tender documents cannot be tendered.
2. **Relevant parts of the work:** Define those parts, stating reasons for the inability to tender.

170 Acceptance of tender

1. **Acceptance:** No guarantee is offered that any tender will be recommended for acceptance or be accepted, or that reasons for non acceptance will be given.
2. **Costs:** No liability is accepted for any cost incurred in the preparation of any tender.

190 Period of validity

1. **Period:** After submission or lodgement, keep tender open for consideration (unless previously withdrawn) for not less than 6 months.
2. **Date for possession/ commencement:** See section A20.

Pricing/ submission of documents

210 Preliminaries in the specification

1. **Measurement rules:** Preliminaries/ General Conditions must not be relied on as having been prepared in accordance with SMM7.

220 Pricing of preliminaries

1. **Charges:** When pricing Preliminaries, identify separately for each item where, for the purpose of valuing the work, the charge for that item is considered to be:
 - 1.1. **Fixed:** (i.e. where the charge for the item does not depend on duration).
 - 1.2. **Time related:** (i.e. where the charge for the item is dependent on duration).

250 Priced schedules of work

1. **Alterations:** Do not alter or qualify the priced schedules of work without written consent. Tenders containing unauthorised alterations or qualifications may be rejected.
2. **Measurements:** Where not stated, ascertain from the drawings.
3. **Deemed included:** Costs relating to items, which are not priced, will be deemed to have been included elsewhere in the tender.
4. **Submit:** with tender

300 Quantities in the priced document

1. **Quantities:** Where included in the priced document, these have been prepared in accordance with SMM7/ NRM2 only where and to the extent stated.
2. **Other items, descriptions and measurements not prepared in accordance with SMM7/ NRM2:** Must be priced taking account of the information given elsewhere in the tender documents, including for all associated and ancillary work shown or clearly apparent as being necessary for the complete and proper execution of the work.

310 Tender

1. **General:** Tenders must include for all work shown or described in the tender documents as a whole or clearly apparent as being necessary for the complete and proper execution of the Works.

480 Programme

1. **Programme of work:** Prepare a summary showing the sequence and timing of the principal parts of the Works and periods for planning and design. Itemize any work which is excluded.
2. **Submit:** Within one week of request

515 Alternative time tenders

1. **General:** In addition to and at the same time as tendering based upon the date or period specified in section A20, an alternative tender based upon a different date for completion or period may be submitted.
2. **Date for completion:** If any such tender is accepted the date for completion inserted in the Contract will be the date stated in the alternative tender or determined from the period stated in the alternative tender.

530 Substitute plants/ trees

1. **Details:** If plants/ trees differing from those specified are proposed, submit details with the tender giving reasons for each proposed substitution including origin and provenance. Substitutions, which have not been notified at tender stage, may not be considered.

550 Health and safety information

1. **Content:** Describe the organization and resources to safeguard the health and safety of operatives, including those of subcontractors, and of any person whom the Works may affect.
2. **Include**
 - 2.1. A copy of the health and safety policy document, including risk assessment procedures.
 - 2.2. Accident and sickness records for the past five years.
 - 2.3. Records of previous Health and Safety Executive enforcement action.
 - 2.4. Records of training and training policy.
 - 2.5. The number and type of staff responsible for health and safety on this project with details of their qualifications and duties.
3. **Submit:** Within one week of request

570 Outline construction phase health and safety plan

1. **Content:** Submit the following information within one week of request:
 - 1.1. Method statements on how risks from hazards identified in the pre-construction information and other hazards identified by the contractor will be addressed.
 - 1.2. Details of the management structure and responsibilities.
 - 1.3. Arrangements for issuing health and safety directions.
 - 1.4. Procedures for informing other contractors and employees of health and safety hazards.

- 1.5. Selection procedures for ensuring competency of other contractors, the self-employed and designers.
- 1.6. Procedures for communications between the project team, other contractors and site operatives.
- 1.7. Arrangements for cooperation and coordination between contractors.
- 1.8. Procedures for carrying out risk assessment and for managing and controlling the risk.
- 1.9. Emergency procedures including those for fire prevention and escape.
- 1.10. Arrangements for ensuring that all accidents, illness and dangerous occurrences are recorded.
- 1.11. Arrangements for welfare facilities.
- 1.12. Procedures for ensuring that all persons on site have received relevant health and safety information and training.
- 1.13. Arrangements for consulting with and taking the views of people on site.
- 1.14. Arrangements for preparing site rules and drawing them to the attention of those affected and ensuring their compliance.
- 1.15. Monitoring procedures to ensure compliance with site rules, selection and management procedures, health and safety standards and statutory requirements.
- 1.16. Review procedures to obtain feedback.

599 Freedom of Information Act

1. **Records:** Retain, make available for inspection and supply on request information reasonably required to allow response to requests made under the provisions of the Freedom of Information Act.
2. **Determination:** Submit requests received. Do not supply information to anyone other than the project participants without express written permission.
3. **Confidentiality:** Maintain at all times.

Subletting/ supply - No Amendments

Ω End of Section

A31

Provision, content and use of documents

Definitions and interpretations

110 Definitions

1. **Meaning:** Terms, derived terms and synonyms used in the preliminaries/ general conditions and specification are as stated here or in the appropriate referenced document.

120 Communication

1. **Definition:** Includes advise, inform, submit, give notice, instruct, agree, confirm, seek, provide or obtain information, consent or instructions, or make arrangements.
2. **Format:** In writing to the person named in clause A10/140 unless specified otherwise.
3. **Response:** Do not proceed until response has been received.

130 Products

1. **Definition:** Materials, both manufactured and naturally occurring, and goods, including components, equipment and accessories, intended for the permanent incorporation in the Works.
2. **Includes:** Goods, plant, materials, site materials and things for incorporation into the Works.

135 Site equipment

1. **Definition:** Apparatus, appliances, machinery, vehicles or things of whatsoever nature required in or about the construction for the execution and completion of the Works but not materials or other things intended to form or forming part of the Permanent Works.
2. **Includes:** Construction appliances, vehicles, consumables, tools, temporary works, scaffolding, cabins and other site facilities.
3. **Excludes:** Products and equipment or anything intended to form or forming part of the permanent works.

145 Contractor's choice

1. **Meaning:** Selection delegated to the Contractor, but liability to remain with the specifier.

155 Submit proposals

1. **Meaning:** Submit information in response to specified requirements.

160 Terms used in specification

1. **Remove:** Disconnect, dismantle as necessary and take out the designated products or work and associated accessories, fixings, supports, linings and bedding materials. Dispose of unwanted materials. Excludes removal and disposal of associated pipework, wiring, ductwork or other services.
2. **Remediate:** Action or measures taken to lessen, clean up, remove or mitigate the existence of hazardous materials; in accordance with standards, or requirements as may be set out by statutes, rules, regulations or specification.
3. **Fix:** Receive, unload, handle, store, protect, place and fasten in position; dispose of waste and surplus packaging. To include all labour, materials and site equipment for that purpose.
4. **Supply and fix:** As above, but including supply of products, components or systems to be fixed, together with everything necessary for their fixing. All products, components or systems are to be supplied and fixed unless stated otherwise.

5. **Keep for reuse:** Do not damage designated products or work. Clean off bedding and jointing materials. Stack neatly, protect adequately and store until required by the employer/ purchaser, or until required for use in the works as instructed.
6. **Keep for recycling:** As 'keep for reuse', but relates to a naturally occurring material rather than a manufactured product.
7. **Make good:** Execute local remedial work to designated work. Make secure, sound and neat. Excludes redecoration and/ or replacement.
8. **Replace:** Supply and fix new products matching those removed. Execute work to match original new state of that removed.
9. **Repair:** Execute remedial work to restore something to its original working state. Make secure, sound and neat. Excludes redecoration and/ or replacement.
10. **Refix:** Fix removed products.
11. **Ease:** Adjust moving parts of designated products, or work to achieve free movement and good fit in open and closed positions.
12. **Match existing:** Provide products and work of the same appearance and features as the original, excluding ageing and weathering. Make joints between existing and new work as inconspicuous as possible.
13. **System:** Equipment, accessories, controls, supports and ancillary items (including installation) necessary for that section of the work to function.

170 Manufacturer and product reference

1. **Definition:** When used in this combination:
 - 1.1. **Manufacturer:** the person or legal entity under whose name or trademark the particular product, component or system is marketed
 - 1.2. **Product reference:** the proprietary brand name and/ or identifier by which the particular product, component or system is described.
2. **Currency:** References are to the particular product as specified in the manufacturer's technical literature current on the date of the invitation to tender.

200 Substitution of products

1. **Products:** If an alternative product to that specified is proposed, obtain approval before ordering the product.
2. **Reasons:** Submit reasons for the proposed substitution.
3. **Documentation:** Submit relevant information, including:
 - 3.1. manufacturer and product reference;
 - 3.2. cost;
 - 3.3. availability;
 - 3.4. relevant standards;
 - 3.5. performance;
 - 3.6. function;
 - 3.7. compatibility of accessories;
 - 3.8. proposed revisions to drawings and specification;
 - 3.9. compatibility with adjacent work;
 - 3.10. appearance;
 - 3.11. copy of warranty/ guarantee.
4. **Alterations to adjacent work:** If needed, advise scope, nature and cost.
5. **Manufacturers' guarantees:** If substitution is accepted, submit before ordering products.

210 Cross references

1. **Accuracy:** Check remainder of the annotation or item description against the terminology used in the section or clause referred to.
2. **Related terminology:** Where a numerical cross reference is not given, the relevant sections and clauses of the specification will apply.
3. **Relevant clauses:** Clauses in the referred to specification section dealing with general matters, ancillary products and execution also apply.
4. **Discrepancy or ambiguity:** Before proceeding, obtain clarification or instructions.

220 Referenced documents

1. **Conflicts:** Specification prevails over referenced documents.

230 Equivalent products

1. **Inadvertent omission:** Wherever products are specified by proprietary name the phrase 'or equivalent' is to be deemed included.

240 Substitution of standards

1. **Specification to British Standard or European Standard:** Substitution may be proposed complying with a grade or category within a national standard of another Member State of the European Community or an international standard recognised in the UK.
2. **Before ordering:** Submit notification of all such substitutions.
3. **Documentary evidence:** Submit for verification when requested as detailed in clause A31/200. Any submitted foreign language documents must be accompanied by certified translations into English.

250 Currency of documents and information

1. **Currency:** References to published documents are to the editions, including amendments and revisions, current on the date of the Invitation to Tender.

260 Sizes

1. **General dimensions:** Products are specified by their co-ordinating sizes.
2. **Timber:** Cross section dimensions shown on drawings are:
 - 2.1. Target sizes as defined in BS EN 336 for structural softwood and hardwood sections.
 - 2.2. Finished sizes for non-structural softwood or hardwood sawn and further processed sections.

Documents provided on behalf of the employer

410 Additional copies of drawings/ documents

1. **Copies:** Two of each contract drawing and contract document will be issued free of charge (not counting any certified copies).
2. **Additional copies:** Issued on request and charged to the Contractor.

440 Dimensions

1. **Scaled dimensions:** Do not rely on.

450 Measured quantities

1. **Ordering products and constructing the Works:** The accuracy and sufficiency of the measured quantities is not guaranteed.
2. **Precedence:** The specification and drawings shall override the measured quantities.

460 The specification

1. **Coordination:** All sections must be read in conjunction with Main Contract Preliminaries/ General conditions.

Documents provided by contractor/ subcontractors/ suppliers

630 Technical literature

1. **Information:** Keep on site for reference by all supervisory personnel:
 - 1.1. Manufacturers' current literature relating to all products to be used in the Works.
 - 1.2. Relevant British, EN or ISO Standards.

640 Maintenance instructions and guarantees

1. **Components and equipment:** Obtain or retain copies, register with manufacturer and hand over on or before completion of the Works.
2. **Information location:** In Building Manual.
3. **Emergency call out services:** Provide telephone numbers for use after completion. Extent of cover: office hours only.

Ω End of Section

A32 Management of the works

Generally

110 Supervision

1. **General:** Accept responsibility for coordination, supervision and administration of the Works, including subcontracts.
2. **Coordination:** Arrange and monitor a programme with each subcontractor, supplier, local authority and statutory undertaker, and obtain and supply information as necessary for coordination of the work.

120 Insurance

1. **Documentary evidence:** Before starting work on site submit details, and/ or policies and receipts for the insurances required by the Conditions of Contract.

130 Insurance claims

1. **Notice:** If any event occurs which may give rise to any claim or proceeding in respect of loss or damage to the Works or injury or damage to persons or property arising out of the Works, immediately give notice to the employer/ client, the person administering the Contract on their behalf and the Insurers.
2. **Failure to notify:** Indemnify the employer/ client against any loss, which may be caused by failure to give such notice.

140 Climatic conditions

1. **Information:** Record accurately and retain:
 - 1.1. Daily maximum and minimum air temperatures (including overnight).
 - 1.2. Delays due to adverse weather, including description of the weather, types of work affected and number of hours lost.

150 Ownership

1. **Alteration/ clearance work:** Materials arising become the property of the Contractor except where otherwise stated. Remove from site as work proceeds.

Programme/ progress

205 Tender programme

1. **Content:** Include details of dates for commencement, completion, end of defects periods and periods for:

210 Programme

1. **Master programme:** Immediately when requested and before starting work on site submit in an approved form a master programme for the Works, which must include details of:
 - 1.1. Planning and mobilisation by the Contractor.
 - 1.2. Subcontractor's work.
 - 1.3. Work resulting from instructions issued in regard to the expenditure of provisional sums.
 - 1.4. Work by others concurrent with the Contract.
2. Submit one copy.

245 Start of work on site

1. Notice: Before the proposed date for start of work on site give minimum notice of one week.

250 Monitoring

1. Progress: Record on a copy of the programme kept on site.
2. Avoiding delays: If any circumstances arise which may affect the progress of the Works submit proposals or take other action as appropriate to minimize any delay and to recover any lost time.

260 Site meetings

1. General: Site meetings will be held to review progress and other matters arising from administration of the Contract.
2. Frequency: Every two weeks
3. Location: To be agreed
4. Accommodation: Ensure availability at the time of such meetings.
5. Attendees: Attend meetings and inform subcontractors and suppliers when their presence is required.
6. Chairperson (who will also take and distribute minutes): Contract Administrator

280 Photographs

1. Number of locations: at each site
2. Frequency of intervals: Weekly
3. Image format: Digital
4. Number of images from each location: 2 from opposite directions
5. Other requirements: before covering footings and excavated depths for concrete footings

290 Notice of completion

1. Requirement: Give notice of the anticipated dates of completion of the whole or parts of the Works.
2. Associated works: Ensure necessary access, services and facilities are complete.
3. Period of notice (minimum): Two weeks

310 Extensions of time

1. Notice: When a notice of the cause of any delay or likely delay in the progress of the works is given under the contract, written notice must also be given of all other causes which apply concurrently.
2. Details: As soon as possible submit:
 - 2.1. Relevant particulars of the expected effects, if appropriate, related to the concurrent causes.
 - 2.2. An estimate of the extent, if any, of the expected delay in the completion of the Works beyond the date for completion.
 - 2.3. All other relevant information required.

Control of cost

420 Removal/ replacement of existing work

1. Extent and location: Agree before commencement.
2. Execution: Carry out in ways that minimize the extent of work.

430 Proposed instructions

1. **Estimates:** If a proposed instruction requests an estimate of cost, submit without delay and in any case within seven days.

440 Measurement

1. **Covered work:** Give notice before covering work required to be measured.

460 Interim valuations

1. **Applications:** Include details of amounts requested under the Contract together with all necessary supporting information.
2. **Submission:** At least seven days before established dates.

470 Products not incorporated into the Works

1. **Ownership:** At the time of each valuation, supply details of those products not incorporated into the Works which are subject to any reservation of title inconsistent with passing of property as required by the Conditions of Contract, together with their respective values.
2. **Evidence:** When requested, provide evidence of freedom of reservation of title.

Ω End of Section

A33 Quality standards/ control

Standards of products and executions

110 Incomplete documentation

1. **General:** Where and to the extent that products or work are not fully documented, they are to be:
 - 1.1. Of a kind and standard appropriate to the nature and character of that part of the Works where they will be used.
 - 1.2. Suitable for the purposes stated or reasonably to be inferred from the project documents.
2. **Contract documents:** Omissions or errors in description and/ or quantity shall not vitiate the Contract nor release the Contractor from any obligations or liabilities under the Contract.

120 Workmanship skills

1. **Operatives:** Appropriately skilled and experienced for the type and quality of work.
2. **Registration:** With Construction Skills Certification Scheme.
3. **Verification:** When requested, operatives must produce evidence of skills/ qualifications.

130 Quality of products

1. **Generally:** New. (Proposals for recycled products may be considered).
2. **Supply of each product:** From the same source or manufacturer.
3. **Whole quantity of each product required to complete the Works:** Consistent kind, size, quality and overall appearance.
4. **Tolerances:** Where critical, measure a sufficient quantity to determine compliance.
5. **Deterioration:** Prevent. Order in suitable quantities to a programme and use in appropriate sequence.

135 Quality of execution

1. **Generally:** Fix, apply, install or lay products securely, accurately, plumb, neatly and in alignment.
2. **Colour batching:** Do not use different colour batches where they can be seen together.
3. **Dimensions:** Check on-site dimensions.
4. **Finished work:** Without defects, e.g. not damaged, disfigured, dirty, faulty, or out of tolerance.
5. **Location and fixing of products:** Adjust joints open to view so they are even and regular.

140 Evidence of Compliance

1. **Proprietary products:** Retain on site evidence that the proprietary product specified has been supplied.
2. **Performance specification:** Submit evidence of compliance, including test reports indicating:
 - 2.1. Properties tested.
 - 2.2. Pass/ fail criteria.
 - 2.3. Test methods and procedures.
 - 2.4. Test results.
 - 2.5. Identity of testing agency.
 - 2.6. Test dates and times.
 - 2.7. Identities of witnesses.
 - 2.8. Analysis of results.

150 Inspections

1. **Products and executions:** Inspection or any other action must not be taken as approval unless confirmed in writing referring to:
 - 1.1. Date of inspection.
 - 1.2. Part of the work inspected.
 - 1.3. Respects or characteristics which are approved.
 - 1.4. Extent and purpose of the approval.
 - 1.5. Any associated conditions.

160 Related work

1. **Details:** Provide all trades with necessary details of related types of work. Before starting each new type or section of work ensure previous related work is:
 - 1.1. Appropriately complete.
 - 1.2. In accordance with the project documents.
 - 1.3. To a suitable standard.
 - 1.4. In a suitable condition to receive the new work.
2. **Preparatory work:** Ensure all necessary preparatory work has been carried out.

170 Manufacturer's recommendations/ instructions

1. **General:** Comply with manufacturer's printed recommendations and instructions current on the date of the Invitation to tender.
2. **Exceptions:** Submit details of changes to recommendations or instructions.
3. **Execution:** Use ancillary products and accessories supplied or recommended by main product manufacturer.
4. **Products:** Comply with limitations, recommendations and requirements of relevant valid certificates.

180 Water for the works

1. **Mains supply:** Clean and uncontaminated.
2. **Other:** If proposed, provide evidence of suitability.

Samples/ approvals

210 Samples

1. **Products or executions:** Comply with all other specification requirements and in respect of the stated or implied characteristics either:
 - 1.1. To an express approval.
 - 1.2. To match a sample expressly approved as a standard for the purpose.

220 Approval of products

1. **Submissions, samples, inspections and tests:** Undertake or arrange to suit the Works programme.
2. **Approval:** Relates to a sample of the product and not to the product as used in the Works. Do not confirm orders or use the product until approval of the sample has been obtained.
3. **Complying sample:** Retain in good, clean condition on site. Remove when no longer required.

230 Approval of execution

1. **Submissions, samples, inspections and tests:** Undertake or arrange to suit the Works programme.

2. **Approval:** Relates to the stated characteristics of the sample. (If approval of the finished work as a whole is required this is specified separately). Do not conceal, or proceed with affected work until compliance with requirements is confirmed.
3. **Complying sample:** Retain in good, clean condition on site. Remove when no longer required.

Accuracy/ setting out generally

320 Setting out

1. **General:** Submit details of methods and equipment to be used in setting out the Works.
2. **Levels and dimensions:** Check and record the results on a copy of drawings. Notify discrepancies and obtain instructions before proceeding.
3. **Inform:** When complete and before commencing construction.

330 Appearance and fit

1. **Tolerances and dimensions:** If likely to be critical to execution or difficult to achieve, as early as possible either:
 - 1.1. Submit proposals; or
 - 1.2. Arrange for inspection of appearance of relevant aspects of partially finished work.
2. **General tolerances (maximum):** To BS 5606, tables 1 and 2.

340 Critical dimensions

1. **Critical dimensions:** Set out and construct the Works to ensure compliance with the tolerances stated.
2. **Location:** Detailed on drawings to ensure no finger traps (spacing between 8mm and 25mm).

360 Record drawings

1. **Site setting out drawing:** Record details of all grid lines, setting-out stations, benchmarks and profiles. Retain on site throughout the Contract and hand over on completion.

Services generally

410 Services regulations

1. **New or existing services:** Comply with the Byelaws or Regulations of the relevant Statutory Authority.

420 Water regulations/ byelaws notification

1. **Requirements:** Notify Water Undertaker of any work carried out to (or which affects) new or existing services and submit any required plans, diagrams and details.
2. **Consent:** Allow adequate time to receive Undertaker's consent before starting work. Inform immediately if consent is withheld or is granted subject to significant conditions.

430 Water regulations/ byelaws contractor's certificate

1. **On completion of the work:** Submit (copy where also required to the Water Undertaker) a certificate including:
 - 1.1. The address of the premises.
 - 1.2. A brief description of the new installation and/ or work carried out to an existing installation.
 - 1.3. The Contractor's name and address.
 - 1.4. A statement that the installation complies with the relevant Water Regulations or Byelaws.
 - 1.5. The name and signature of the individual responsible for checking compliance.

- 1.6. The date on which the installation was checked.

Supervision/ inspection/ defective work

525 Access

1. **Extent:** Provide at all reasonable times access to the Works and to other places of the Contractor or subcontractors where work is being prepared for the Contract.
2. **Designate:** Contract Administrator

530 Overtime working

1. **Notice:** Prior to overtime being worked, submit details of times, types and locations of work to be done.
 - 1.1. **Minimum period of notice:** One week
2. **Concealed work:** If executed during overtime for which notice has not been given, it may be required to be opened up for inspection and reinstated at the Contractor's expense.

540 Defects in existing work

1. **Undocumented defects:** When discovered, immediately give notice. Do not proceed with affected related work until response has been received.
2. **Documented remedial work:** Do not execute work which may:
 - 2.1. Hinder access to defective products or work; or
 - 2.2. Be rendered abortive by remedial work.

560 Tests and inspections

1. **Timing:** Agree and record dates and times of tests and inspections to enable all affected parties to be represented.
2. **Confirmation:** One working day prior to each such test or inspection. If sample or test is not ready, agree a new date and time.
3. **Records:** Submit a copy of test certificates and retain copies on site.

610 Defective products/ executions

1. **Proposals:** Immediately any work or product is known, or appears, to be not in accordance with the Contract, submit proposals for opening up, inspection, testing, making good, adjustment of the Contract Sum, or removal and re-execution.
2. **Acceptability:** Such proposals may be unacceptable and contrary instructions may be issued.

Work at or after completion

710 Work before completion

1. **General:** Make good all damage consequent upon the Works.
2. **Temporary markings, coverings and protective wrappings:** Remove unless otherwise instructed.
3. **Cleaning:** Clean the Works thoroughly inside and out, including all accessible ducts and voids. Remove all splashes, deposits, efflorescence, rubbish and surplus materials.
4. **Cleaning materials and methods:** As recommended by manufacturers of products being cleaned, and must not damage or disfigure other materials or construction.
5. **COSHH dated data sheets:** Obtain for all materials used for cleaning and ensure they are used only as recommended by their manufacturers.
6. **Minor faults:** Touch up in newly painted work, carefully matching colour and brushing out edges. Repaint badly marked areas back to suitable breaks or junctions.

7. **Moving parts of new work:** Adjust, ease and lubricate as necessary to ensure easy and efficient operation, including doors, windows, drawers, ironmongery, appliances, valves and controls.

720 Security at completion

1. **General:** Leave the Works secure with, where appropriate, all accesses closed and locked.
2. **Keys:** Account for and adequately label all keys, and hand over together with an itemized schedule, retaining duplicate schedule signed as a receipt.

730 Making good defects

1. **Remedial work:** Arrange access with Contract Administrator.
2. **Rectification:** Give reasonable notice for access to the various parts of the Works.
3. **Completion:** Notify when remedial works have been completed.

Ω End of Section

A34 Security/ safety/ protection

Security, health and safety

110 Pre-construction information

1. **Location:** Integral with the project Preliminaries, including but not restricted to the following sections:
 - 1.1. **Description of project:** Sections A10 and A11.
 - 1.2. **Client's consideration and management requirements:** Sections A12, A13 and A36.
 - 1.3. **Environmental restrictions and on-site risks:** Section A12, A35 and A34.
 - 1.4. **Significant design and construction hazards:** Section A34.
 - 1.5. **The health and safety file:** Section A37.

120 Execution hazards

1. **Common hazards:** Not listed. Control by good management and site practice.
2. **Significant hazards:** The design of the project includes the following:
 - 2.1. **Hazard:** See designers risk assessment and CDM pre construction information.
 - 2.2. **Precautions assumed:** See above
 - 2.3. **Specification reference:** See above
 - 2.4. **Drawing reference:** See above

140 Construction phase health and safety plan

1. **Submission:** Present to the employer/ client no later than one week before commencement of work on site.
2. **Confirmation:** Do not start construction work until the employer has confirmed in writing that the construction phase health and safety plan includes the procedures and arrangements required by the CDM Regulations.
3. **Content:** Develop the plan from, and draw on, the outline construction phase health and safety plan, clause A30/570, and the pre-tender health and safety plan/ pre-construction information.

150 Security

1. **Protection:** Safeguard the site, the Works, products, materials, and any existing buildings affected by the Works from damage and theft.
2. **Access:** Take all reasonable precautions to prevent unauthorized access to the site, the Works and adjoining property.
3. **Special requirements:** Fencing of the scheme (that do not include excavations) is at the contractors discretion. Construction works should be suitably defined to deter access and safeguard pedestrians.

170 Occupied premises

1. **Extent:** The premises will be occupied and/ or used during the Contract as follows: Public open space.
2. **Works:** Carry out without undue inconvenience and nuisance and without danger to occupants and users.
3. **Overtime:** If compliance with this clause requires certain operations to be carried out during overtime, and such overtime is not required for any other reason, the extra cost will be paid to the Contractor, provided that such overtime is authorized in advance.

210 Safety provisions for site visits

1. **Safety:** Submit details in advance of safety provisions and procedures (including those relating to materials, which may be deleterious), which will require their compliance when visiting the site.
2. **Protective clothing and/ or equipment:** Provide and maintain on site for visitors to the-site.

220 Working precautions/ restrictions

1. **Hazardous areas:** Operatives must take precautions as follows:
 - 1.1. **Work area:** Along public footpath
 - 1.2. **Precautions:** Fencing and signage to be agreed.

Protect against the following

330 Noise and vibration

1. **Standard:** Minimize noise and vibration levels during execution of the works.
2. **Equipment:** Fit compressors, percussion tools and vehicles with effective silencers of a type recommended by manufacturers of the compressors, tools or vehicles.
3. **Restrictions:** Do not use radios or other audio equipment or permit employees to use in ways or at times that may cause nuisance.

340 Pollution

1. **Prevention:** Protect the site, the works and the general environment (including the atmosphere, land, streams and waterways) against pollution.
2. **Contamination:** If pollution occurs, report immediately, including to the appropriate authorities, and provide relevant information.

345 Fuel, lubricants and hydraulic fluids

1. **Restrictions**
 - 1.1. **Storing, handling and refuelling:** On hard standing or other approved areas. Keep away from watercourses, drains, soil, planting and grassed areas.
 - 1.2. **Vehicles and equipment:** Ensure there is no leakage or spillage. If spillage occurs, inform immediately and take appropriate emergency action.

350 Pesticides

1. **Use:** Only where specified or approved, and then only suitable products listed on www.pesticides.gov.uk.
2. **Restrictions:** Work near water, drainage ditches or land drains must comply with the 'Guidelines for the use of herbicides on weeds in or near watercourses and lakes'.
3. **Containers:** Comply with manufacturer's disposal recommendations. Remove from site immediately empty or no longer required.
4. **Competence:** Operatives must hold a BASIS Certificate of Competence, or work under supervision of a Certificate holder.

360 Nuisance

1. **Duty:** Prevent nuisance from smoke, dust, rubbish, vermin and other causes.
2. **Surface water:** Prevent hazardous build-up on-site, in excavations and to surrounding areas and roads.

370 Asbestos containing materials

1. **Duty:** Report immediately any suspected materials discovered during execution of the works.

- 1.1. Do not disturb.
- 1.2. Agree methods for safe removal or encapsulation.

371 Dangerous or hazardous substances

1. **Duty:** Report immediately suspected materials discovered during execution of the works.
 - 1.1. Do not disturb.
 - 1.2. Agree methods for safe removal or remediation.

375 Antiquities

1. **Duty:** Report immediately any fossils, antiquities and other objects of interest or value discovered during execution of the works.
2. **Preservation:** Keep objects in the exact position and condition in which they were found.
3. **Special requirements:** non expected

390 Smoking on-site

1. **Smoking on-site:** Not permitted.

400 Burning on site

1. **Burning on site:** Not permitted.

415 Surface water

1. **Duty:** Prevent hazardous build up including temporary conveyance and disposal from existing structures and the site during the course of the Works.

420 Infected timber/ Contaminated materials

1. **Removal:** Where instructed to remove material affected by fungal/ insect attack from the building, minimize the risk of infecting other parts of the building.
2. **Testing:** carry out and keep records of appropriate tests to demonstrate that hazards presented by concentrations of airborne particles, toxins and other microorganisms are within acceptable levels.

430 Waste

1. **Waste:** Includes rubbish, debris, spoil, containers and packaging, and surplus material requiring disposal.
2. **Requirement:** Minimize production and prevent accumulation of waste. Keep the site and works clean and tidy. Clean out voids and cavities in the construction before closing.
3. **Disposal:** Collect and store in suitable containers. Remove from site and dispose of in a safe and competent manner, as approved and directed by the waste regulation authority.
4. **Recyclable material:** Sort and dispose of at a materials recycling facility approved by the waste regulation authority.
5. **Documentation:** Retain on-site.

450 Laser equipment

1. **Construction laser equipment:** Install, use and store in accordance with BS EN 60825-1 and the manufacturer's instructions.
2. **Class 1 or Class 2 laser equipment:** Ensure laser beam is not set at eye level and is terminated at the end of its useful path.
3. **Class 3R and Class 3B laser equipment:** Do not use without approval and subject to submission of a method statement on its safe use.

470 Invasive species

1. **General:** Prevent the spread of species (e.g. plants or animals) that may adversely affect the site or works economically, environmentally or ecologically.
2. **Special precautions:** non expected
3. **Duty:** Report immediately any suspected invasive species discovered during execution of the works.
 - 3.1. Do not disturb.
 - 3.2. Agree methods for safe eradication or removal.

Protect the following

510 Existing services

1. **Confirmation:** Notify all service authorities, statutory undertakers and/ or adjacent owners of proposed works not less than one week before commencing site operations.
2. **Identification:** Before starting work, check and mark positions of utilities/ services. Where positions are not shown on drawings obtain relevant details from service authorities, statutory undertakers or other owners.
3. **Work adjacent to services**
 - 3.1. Comply with service authority's/ statutory undertaker's recommendations.
 - 3.2. **Adequately protect, and prevent damage to services:** Do not interfere with their operation without consent of service authorities/ statutory undertakers or other owners.
4. **Identifying services**
 - 4.1. **Below ground:** Use signboards, giving type and depth;
 - 4.2. **Overhead:** Use headroom markers.
5. **Damage to services:** If any results from execution of the Works:
 - 5.1. Immediately give notice and notify appropriate service authority/ statutory undertaker.
 - 5.2. Make arrangements for the work to be made good without delay to the satisfaction of service authority/ statutory undertaker or other owner as appropriate.
 - 5.3. Any measures taken to deal with an emergency will not affect the extent of the Contractor's liability.
6. **Marker tapes or protective covers:** Replace, if disturbed during site operations, to service authority's/ statutory undertakers recommendations.

520 Roads and footpaths

1. **Duty:** Maintain roads and footpaths within and adjacent to the site and keep clear of mud and debris.
2. **Damage caused by site traffic or otherwise consequent upon the Works:** Make good to the satisfaction of the Employer, Local Authority or other owner.

530 Existing topsoil/ subsoil

1. **Duty:** Prevent over compaction of existing topsoil and subsoil in those areas which may be damaged by construction traffic, parking of vehicles, temporary site accommodation or storage of materials and which will require reinstatement prior to completion of the Works.
2. **Protection:** Before starting work submit proposals for protective measures.

540 Retained trees/ shrubs/ grassed areas

1. **Protection:** Preserve and prevent damage, except those not required.

2. **Replacement:** Mature trees and shrubs if uprooted, destroyed, or damaged beyond reasonable chance of survival in their original shape, as a consequence of the Contractor's negligence, must be replaced with those of a similar type and age at the Contractor's expense.

550 Retained trees

1. **Protected area:** Unless agreed otherwise, do not:
 - 1.1. Dump spoil or rubbish, excavate or disturb topsoil, park vehicles or plant, store materials or place temporary accommodation within the root protection area.
 - 1.2. Sever roots exceeding 25 mm in diameter. If unintentionally severed, give notice and seek advice.
 - 1.3. Change level of ground within an area 3 m beyond branch spread.

555 Wildlife species and habitats

1. **General:** Safeguard the following: not expected.
2. **Protected habitats and species:** Upon discovery immediately advise. Do not proceed until instruction is received.
3. **Education:** Ensure that employees and visitors to the site receive suitable instruction and awareness training.

560 Existing features

1. **Protection:** Prevent damage to existing buildings, fences, gates, walls, roads, paved areas and other site features, which are to remain in position during execution of the Works.
2. **Special requirements:** non expected

630 Existing structures

1. **Duty:** Check proposed methods of work for effects on adjacent structures inside and outside the site boundary.
2. **Supports:** During execution of the Works:
 - 2.1. Provide and maintain all incidental shoring, strutting, needling and other supports as may be necessary to preserve stability of existing structures on the site or adjoining that may be endangered or affected by the Works.
 - 2.2. Do not remove until new work is strong enough to support existing structure.
 - 2.3. Prevent overstressing of completed work when removing supports.
3. **Adjacent structures:** Monitor and immediately report excessive movement.
4. **Standard:** Comply with BS 5975 and BS EN 12812.

640 Materials for recycling/ reuse

1. **Duty:** Sort and prevent damage to stated products or materials, clean off bedding and jointing materials and other contaminants.
2. **Storage:** Stack neatly and protect until required by the Employer or for use in the Works as instructed.

Ω End of Section

A35

Specific limitations on method/ sequence/ timing

Clauses

110 Scope

1. **General:** The limitations described in this section are supplementary to limitations described or implicit in information given in other sections or on the drawings.

130 Method/ sequence of work

1. **Specific Limitations:** Include the following in the programme:
 - 1.1. Path, paving, furniture and re-levelling works to be undertaken in July/August with seeding being undertaken at the right planting season/conditions (see landscape specification section Q30) and when all other works have been completed. Tree planting to occur in the following planting season.

160 Use or disposal of materials

1. **Specific limitations:** All materials unless described and agreed otherwise to be removed off site to licensed tip or recycled responsibly by the contractor. Make the contract administrator aware of any recycling or reuse of materials .

170 Working Hours

1. **Specific limitations:** Normal working hours, no weekend working without specific agreement.

180 Partial possession

1. **General:** Where the Employer is to take possession of any part of the Works and such part will, after its practical completion, depend for its adequate functioning on work located elsewhere on the site: Complete such other work in time to permit such possession to take place.
2. **Remainder of the Works:** During execution, ensure that completed parts of the Works have continuous and adequate provision of services, fire precautions, means of escape and safe access.

Ω End of Section

A36 Facilities/ temporary work/ services

Generally

110 Spoil heaps, temporary works and services

1. **Location:** Give notice and details of intended siting.
2. **Maintenance:** Alter, adapt and move as necessary. Remove when no longer required and make good.

Accommodation

210 Room for meetings

1. **Facilities:** Provide suitable temporary accommodation for site meetings, adequately heated and lit. The room may be part of the Contractor's own site offices.
2. **Furniture and Equipment:** Provide table and chairs for 4 people.

230 Temporary accommodation

1. **Proposals for temporary accommodation and storage for the Works:** Submit two weeks prior to starting on site.
2. **Details to be included:** Type of accommodation and storage, its siting and the programme for site installation and removal.

260 Sanitary accommodation

1. **Requirement:** Provide sanitary accommodation for the Employer/ Purchaser, and other members of the consultant team, either separate or shared with the Contractor's supervisory staff. Maintain in clean condition and provide all consumables.

Temporary works

330 Temporary protection to existing trees/ vegetation

1. **Temporary protection:** Provide before starting work in locations shown on drawing Tree protection drawings will be provided before start on site.
2. **Protective barriers and any other relevant physical protection measures:** To BS 5837.
3. **Areas of structural landscaping to be protected from construction operations:** trees and woodland within vicinity of construction proposed construction in the north east of the site will be protected in line with arboricultural advice and BS 5387.
4. **Integrity of protection:** Maintain for the duration of the Works. Remove on completion of the works and make good disturbed area.

340 Name boards/ advertisements

1. **Name boards/ advertisements:** Not permitted.

Services and facilities

430 Water

1. **Supply:** Clean fresh water for the execution of the Works.
2. **Approval:** Obtain before using a supply other than potable mains water.

435 Water restrictions

1. **Emergency legislation:** If the water supply is or is likely to be restricted inform without delay and ascertain the availability of water from alternative sources.
2. **Suitability:** Check pH value of water from the new source and ensure that it is suitable for the plants/ soil/ turf being watered.
3. **Cost:** no extra payment will be instructed

440 Telephones

1. **Direct communication:** As soon as practicable after the Date of Possession provide the Contractor's person in charge with a mobile telephone.

540 Meter readings

1. **Charges for service supplies:** Where to be apportioned ensure that:
 - 1.1. Meter readings are taken by relevant authority at possession and/ or completion as appropriate.
 - 1.2. Copies of readings are supplied to interested parties.

550 Thermometers

1. **General:** Provide on site and maintain in accurate condition a maximum and minimum thermometer for measuring atmospheric shade temperature, in an approved location.

570 Personal protective equipment

1. **General:** Provide for the sole use of other members of the project team, in sizes to be specified:
 - 1.1. **Safety helmets** to BS EN 397, neither damaged nor time-expired. Number required: as required
 - 1.2. **High-visibility waistcoats** to BS EN ISO 20471 Class 2. Number required: as required.
 - 1.3. **Safety boots with steel insole and toecap** to BS EN ISO 20345. Pairs required: as required
 - 1.4. **Disposable respirators** to BS EN 149.FFP1S.
 - 1.5. **Eye protection** to BS EN ISO 16321-1 and BS EN ISO 16321-3.
 - 1.6. **Ear protection - muffs** to BS EN 352-1, **plugs** to BS EN 352-2
 - 1.7. **Hand protection -** to BS EN 388, 407, 420 or 511, as appropriate.

Ω End of Section

A37

Operation/ maintenance of the finished works

Clauses

120 The health and safety information

1. Content: Obtain and provide the following information Pre construction health and safety information.
2. Submit
 - 2.1. To: Contract Administrator
 - 2.2. Number of copies: 2
 - 2.3. No later than: Pre contract meeting

180 Maintenance information

1. Content: Include:
 - 1.1. Printed instructions of procedures to be adopted by the Employer for the maintenance of the Works.
 - 1.2. Copies of manufacturers current literature for all products for which the particular proprietary brand has been chosen by the Contractor, including where appropriate COSHH dated data sheets and manufacturers recommendations for cleaning and maintenance.
 - 1.3. Copies of all guarantees, warranties and maintenance agreements offered by subcontractors and manufacturers.
 - 1.4. Copies of all test certificates and reports required in the specification.
2. Submit: At end of maintenance period

Ω End of Section

A54 Provisional work/ items

Clauses

110 Provisional sums for defined work

1. **Item:** As detailed within schedules
2. **Description of work:** As detailed within schedules
3. **Provisional Sums:** Include As detailed within schedules.
4. Allow for general attendance.

210 Provisional sums for undefined work

1. **Item:** As detailed within schedules
2. **Description of work:** As detailed within schedules
3. **Provisional Sums:** Include As detailed within schedules.
4. Allow for general attendance.

590 Contingencies

1. **Provisional sum:** Include: as detailed within schedule.

Ω End of Section



Specification created using NBS Chorus

Urban Wilderness Ltd

Wirksworth Town Council

Wirksworth Meadow

JCLI Maintenance Works

01-02-2024



Contents

A10 Project particulars	1
A11 Tender and contract documents	2
A12 The site/ existing buildings.....	3
A13 Description of the work	4
A20 JCLI landscape maintenance works contract	5
A30 Tendering/ subletting	8
A31 Provision, content and use of documents.....	10
A32 Management of the works	12
A33 Quality standards/ control	14
A34 Security/ safety/ protection	16
A35 Specific limitations on method/ sequence/ timing.....	20
A36 Facilities/ temporary work/ services.....	21
A54 Provisional work/ items	22

A10

Project particulars

Clauses

110 The Project

1. Name: Wirksworth Meadows
2. Nature: Public open space improvements including biodiversity improvements, furniture installation and path and hardstanding installation.
3. Location: Wirksworth, Matlock.
4. Timescale for construction work: 12 week

120 Employer (client)

1. Name: Wirksworth Town Council
2. Address: Town Hall Coldwell Street Wirksworth Derbyshire DE4 4EU
3. Contact: Paul Jennings & April Fussell
4. Telephone: 01629 823408
5. Email: enquiries@wirksworth.gov.uk

130 Principal contractor (CDM)

1. Name: Winning Contractor
2. Address: t.b.c
3. Contact: t.b.c
4. Telephone: t.b.c
5. Email: t.b.c

140 Landscape architect/ contract administrator

1. Name: Urban Wilderness
2. Address: 7 Saw Mill Yard, Water Lane, Holbeck Leeds West Yorkshire LS11 5WH
3. Contact: Rebecca Smith or Steve Frazer
4. Telephone: 0113 4720030
5. Email: Rebecca.smith@urbanwilderness.co.uk or Steve.Frazer@urbanwilderness.co.uk

150 Principal Designer

1. Name: Paul Jennings
2. Address: Town Hall ,Coldwell Street, Wirksworth Derbyshire, DE4 4EU
3. Telephone: 01629 823408
4. Email: enquiries@wirksworth.gov.uk

Ω End of Section

A11

Tender and contract documents

Clauses

120 Contract drawings

1. The contract drawings are included with the tender documents and are as follows: 475-UW-T-001-Hardworks, Furniture & Levels, 475-UW-T-002-Softworks & Management Plan, 475-UW-T-003-Surfacing & edging, 475-UW-T-004-Furniture Details 1 of 2, 475-UW-T-005-Furniture Details 2 of 2, 475-UW-T-011-Landscape Specification, 475-UW-T-012- Schedule of works

180 Other documents

1. Inspection: Drawings and other documents relating to the Contract but not included in the tender documents may be seen by appointment during normal office hours at the office of Urban Wilderness.
2. The documents include: 1637_Meadows_Report_ca, Wirksworth Meadows-Tree Condition Report Version 1.

Ω End of Section

A12

The site/ existing buildings

Clauses

110 The sites

1. **Description:** Wirksworth Meadows is a public open space on a gradually sloping site surrounded by residential property. There are two surfaced public rights of way running through the site which are well used. There is a woodland running on the east boundary and much of the site is rough grassland.

120 Existing buildings on/ adjacent to the site

1. **Description:** Residential property backs onto all boundaries of the site.

200 Access to the site

1. **Description:** Access to be taken from the north west of the site on Yokecliffe Crescent, Wirksworth, Matlock.
2. **Limitations:** Relatively narrow access and residential parking.
3. **Access for inspections:** Provide access at reasonable times for both on-site and off-site work.

220 Use of the site

1. **General:** Do not use the site for any purpose other than carrying out the Works.
2. **Limitations:** Any compound or storage area must be agreed and be on site unless specifically agreed with the contract administrator.

230 Surrounding land/ building uses

1. **General:** Adjacent or nearby uses or activities are as follows: Residential, Retail

250 Site visit

1. **Assessment:** Ascertain the nature of the site, access thereto and all local conditions and restrictions likely to affect the execution of the Works.
2. **Arrangements for visit:** The tenderers may visit the wider site at any time without any special arrangements for visit.

Ω End of Section

A13

Description of the work

Clauses

120 The works

1. **Description:** One year maintenance of new works and existing grassland including watering, mulching, weeding, litter picking and grass cutting.

Ω End of Section

A20

JCLI landscape maintenance works contract

Clauses

JCLI landscape maintenance works contract

- The contract: JCLI Landscape Maintenance Works Contract 2017 (JCLI LMWC).
- Requirement: Allow for the obligations, liabilities and services described.

The recitals

First - The Works

- Comprise: Landscape maintenance works carried out at Wirksworth Meadows, Wirksworth.
- Location of the works: See clause A12/110.
- Landscape architect/ contract administrator: See clause A10/140.

Second - Contract documents

- Contract Drawings: As listed in clause A11/120.
- Contract Documents: The following have been prepared which show and describe the work to be done: A schedule of works, A specification.

Articles

3 - Landscape Architect/ Contract Administrator

- Landscape Architect/ Contract Administrator: See clause A10/140.

4 and 5 - Principal Designer/ Principal Contractor

- Principal Designer: See clause A10/150.
- Principal Contractor: See clause A10/130.

Contract particulars

Article 2 - Contract Sum

- Option A applies and B will be deleted.

Fourth Recital - CDM Regulations

- The CDM Regulations do not apply and Articles 4 and 5 and clause 3.9 are not applicable (unless circumstances change).

Sixth Recital and Schedule 5 - Supplemental Provisions

- Collaborative working: Supplemental Provision 1 applies.
- Health and safety: Supplemental Provision 2 applies.
- Cost savings and value improvements: Supplemental Provision 3 applies.
- Sustainable development and environmental considerations: Supplemental Provision 4 applies.
- Performance indicators and monitoring: Supplemental Provision 5 applies.
- Notification and negotiation of disputes: Supplemental Provision 6 applies.
- Where Supplemental Provision 6 applies, the respective nominees of the parties are

- Employer's nominee: Tim Reid
- Contractor's nominee: To be nominated
- Or such replacement as each party may notify to the other from time to time.

Article 7 - Arbitration

- Article 7 and Schedule 1 (Arbitration) apply.

Clause 2.2 - Commencement and Duration

- Commencement date: the date of practical completion (01st October 2024 of the JCLI landscape works contract.
- End date or duration: 01st October 2025

Clause 3.5 - Period to comply with notice

- Period: Five business days

Clause 4.2.1 - Periodic payment intervals

- Periodic payments: Quarterly

Clause 4.7 - Liquidated damages

- Liquidated damages: £60.00

Clause 4.8 - Bonus

- Bonus: Not applicable. Clause 4.8 will be deleted.

Clause 4.9 - Inflation

- Inflation: Price index: Retail Price Index.

Clause 5.3 - Contractor's Public Liability insurance - injury to persons or property

- The required level of cover for any one occurrence or series of occurrences arising out of one event
 - Not less than: £5,000,00.00

Clause 6.4.3 - Termination by Employer

- Number of failure events: 3 or more times.
- Period: In any Quarterly Period.

Clause 6.8.2 - Termination by Contractor

- Suspension period: one month

Clause 6.10 - Termination by either party

- Suspension period: one month

Clause 7.2 - Adjudication

- The Adjudicator is: not named
- Nominating body: President or Vice President or Landscape Institute.

Schedule 1 paragraph 2.1 - Arbitration

- Appointor of Arbitrator (and of any replacement): President or a Vice president of the: Landscape Institute.

Schedule 2 - Base date

- Base date: 23rd February 2024

The conditions - No Amendments

Section 1: Definitions and Interpretation - No Amendments

Section 2: Carrying out the Works - No Amendments

Section 3: Control of the Works - No Amendments

Section 4: Payment - No Amendments

Section 5: Injury, Damage and Insurance - No Amendments

Section 6: Termination - No Amendments

Section 7: Settlement of Disputes - No Amendments

Execution

Execution

- The contract: Will be executed under hand.

Ω End of Section

A30

Tendering/ subletting

Main contract tendering

110 Scope

1. **General:** These conditions are supplementary to those stated in the Invitation to Tender and on the form of tender.

145 Tendering procedure

1. **General:** In accordance with NBS Guide to Tendering for Construction Projects.
2. **Errors:** Alternative 2 is to apply.

160 Exclusions

1. **Inability to tender:** Immediately inform if any parts of the work as defined in the tender documents cannot be tendered.
2. **Relevant parts of the work:** Define those parts, stating reasons for the inability to tender.

170 Acceptance of tender

1. **Acceptance:** No guarantee is offered that any tender will be recommended for acceptance or be accepted, or that reasons for non acceptance will be given.
2. **Costs:** No liability is accepted for any cost incurred in the preparation of any tender.

190 Period of validity

1. **Period:** After submission or lodgement, keep tender open for consideration (unless previously withdrawn) for not less than 6 months.
2. **Date for possession/ commencement:** See section A20.

Pricing/submission of documents

210 Descriptions

1. **Scope:** General requirements and full descriptions of work and materials are not repeated in the listed or scheduled items of maintenance work and reference should be made to the Conditions of Contract, Preliminaries, Specification and Drawings.

215 Tender documents

1. **Alterations and qualifications:** Do not alter or qualify tender documents without written consent. Tenders containing unauthorised alterations or qualifications may be rejected.

300 Quantities in the priced document

1. **Quantities:** Where included in the priced document, these have been prepared in accordance with Select from list SMM7 only where and to the extent stated.
2. **Other items, descriptions and measurements**
 - 2.1. Must not be relied upon as complying with a published standard method of measurement.
 - 2.2. Must be priced taking account of the information given elsewhere in the tender documents, including for all associated and ancillary work shown or clearly apparent as being necessary for the complete and proper execution of the work.

305 Pricing of maintenance work

1. **Prices and rates:** All listed, specified or scheduled items of maintenance work are deemed to be inclusive of all labour, materials, temporary works, mechanical plant, overheads and profit; Including general liabilities, obligations and risks described or implied in the tender documents.
2. **Items not priced:** Costs will be deemed to have been included elsewhere.
3. **Preliminaries/ general conditions:** Have not been prepared in accordance with the measurement rules stated in clause A30/ 300.
4. **Priced document:** Submit with the tender.

310 Tender

1. **General:** Tenders must include for all work shown or described in the tender documents as a whole or clearly apparent as being necessary for the complete and proper execution of the Works.

480 Programme

1. **Content:** As specified in clause A32/210 or a summary.
2. **Submit:** With the tender.

485 Design/ management objectives

1. **Statement:** To meet Employer's objectives in terms of the evolution of the landscape and provision of a service to public/ users.
2. **Submit:** With the tender.

550 Health and safety information

1. **Content:** Describe the organisation and resources to safeguard the health and safety of operatives, including those of subcontractors, and of any person who may be affected by the maintenance work.
2. **Submit:** With the tender.

560 Training of operatives

1. **Training policy:** Describe and submit with the tender.
2. **Training records:** Prior to their starting work, the training record and experience of each operative must be approved.

599 Freedom of Information Act

1. **Records:** Retain, make available for inspection and supply on request information reasonably required to allow response to requests made under the provisions of the Freedom of Information Act.
2. **Determination:** Submit requests received. Do not supply information to anyone other than the project participants without express written permission.
3. **Confidentiality:** Maintain at all times.

Subletting/ supply - No Amendments

Ω End of Section

A31

Provision, content and use of documents

Definitions and interpretations

110 Definitions

1. **Meaning:** Terms, derived terms and synonyms used in the preliminaries/ general conditions and specification are as stated here or in the appropriate referenced document.

120 Communication

1. **Definition:** Includes advise, inform, submit, give notice, instruct, agree, confirm, seek, provide or obtain information, consent or instructions, or make arrangements.
2. **Format:** In writing to the person named in clause A10/140 unless specified otherwise.
3. **Response:** Do not proceed until response has been received.

130 Products

1. **Definition:** Materials, both manufactured and naturally occurring, and goods, including components, equipment and accessories, intended for the permanent incorporation in the Works.
2. **Includes:** Goods, plant, materials, site materials and things for incorporation into the Works.

135 Site equipment

1. **Definition:** Apparatus, appliances, machinery, vehicles or things of whatsoever nature required in or about the construction for the execution and completion of the Works but not materials or other things intended to form or forming part of the Permanent Works.
2. **Includes:** Construction appliances, vehicles, consumables, tools, temporary works, scaffolding, cabins and other site facilities.
3. **Excludes:** Products and equipment or anything intended to form or forming part of the permanent works.

145 Contractor's choice

1. **Meaning:** Selection delegated to the Contractor, but liability to remain with the specifier.

150 Contractor's Design

1. **Meaning:** Design to be carried out or completed by the Contractor and supported by appropriate contractual arrangements, to correspond with specified requirements.

155 Submit proposals

1. **Meaning:** Submit information in response to specified requirements.

210 Cross references

1. **Accuracy:** Check remainder of the annotation or item description against the terminology used in the section or clause referred to.
2. **Related terminology:** Where a numerical cross reference is not given, the relevant sections and clauses of the specification will apply.
3. **Relevant clauses:** Clauses in the referred to specification section dealing with general matters, ancillary products and execution also apply.
4. **Discrepancy or ambiguity:** Before proceeding, obtain clarification or instructions.

220 Referenced documents

1. **Conflicts:** Specification prevails over referenced documents.

230 Equivalent products

1. **Inadvertent omission:** Wherever products are specified by proprietary name the phrase 'or equivalent' is to be deemed included.

240 Substitution of standards

1. **Specification to British Standard or European Standard:** Substitution may be proposed complying with a grade or category within a national standard of another Member State of the European Community or an international standard recognised in the UK.
2. **Before ordering:** Submit notification of all such substitutions.
3. **Documentary evidence:** Submit for verification when requested as detailed in clause A31/200. Any submitted foreign language documents must be accompanied by certified translations into English.

250 Currency of documents and information

1. **Currency:** References to published documents are to the editions, including amendments and revisions, current on the date of the Invitation to Tender.

Documents provided on behalf of employer

410 Additional copies of drawings/ documents

1. **Copies:** Two of each contract drawing and contract document will be issued free of charge (not counting any certified copies).
2. **Additional copies:** Issued on request and charged to the Contractor.

440 Dimensions

1. **Scaled dimensions:** Do not rely on.

460 The specification

1. **Coordination:** All sections must be read in conjunction with Main Contract Preliminaries/ General conditions.

Ω End of Section

A32 Management of the works

Generally

110 Supervision

1. **General:** Accept responsibility for coordination, supervision and administration of the Works, including subcontracts.
2. **Coordination:** Arrange and monitor a programme with each subcontractor, supplier, local authority and statutory undertaker, and obtain and supply information as necessary for coordination of the work.

120 Insurance

1. **Documentary evidence:** Before starting work on site submit details, and/ or policies and receipts for the insurances required by the Conditions of Contract.

130 Insurance claims

1. **Notice:** If any event occurs which may give rise to any claim or proceeding in respect of loss or damage to the Works or injury or damage to persons or property arising out of the Works, immediately give notice to the employer/ client, the person administering the Contract on their behalf and the Insurers.
2. **Failure to notify:** Indemnify the employer/ client against any loss, which may be caused by failure to give such notice.

150 Ownership

1. **Alteration/ clearance work:** Materials arising become the property of the Contractor except where otherwise stated. Remove from site as work proceeds.

Programme/ progress

210 Programme

1. **Master programme:** Immediately when requested and before starting work on site submit in an approved form a master programme showing the proposed sequence and timing of the principal maintenance operations.
2. **Allow for:** as per schedule
3. **Submit:** one copy

260 Site meetings

1. **General:** Attend to review progress and other matters arising from administration of the Contract.
2. **Location:** to be agreed at pre contract meeting
3. **Frequency:** Quarterly
4. **Chairperson (who will also take and distribute minutes):** Contract Administrator/ Landscape Architect.

Control of cost

430 Proposed instructions

1. **Estimates:** If a proposed instruction requests an estimate of cost, submit without delay and in any case within seven days.

460 Periodic payments

1. **Applications:** Include details of amounts considered due under the Contract together with all necessary supporting information.
2. **Submission:** At least seven days before established dates.

Ω End of Section

A33 Quality standards/ control

Standards of products and executions

110 Incomplete documentation

1. **General:** Where and to the extent that products or work are not fully documented, they are to be:
 - 1.1. Of a kind and standard appropriate to the nature and character of that part of the Works where they will be used.
 - 1.2. Suitable for the purposes stated or reasonably to be inferred from the project documents.
2. **Contract documents:** Omissions or errors in description and/ or quantity shall not vitiate the Contract nor release the Contractor from any obligations or liabilities under the Contract.

120 Workmanship skills

1. **Operatives:** Appropriately skilled and experienced for the type and quality of work.
2. **Registration:** With Construction Skills Certification Scheme.
3. **Verification:** When requested, operatives must produce evidence of skills/ qualifications.

130 Quality of products

1. **Generally:** New. (Proposals for recycled products may be considered).
2. **Supply of each product:** From the same source or manufacturer.
3. **Whole quantity of each product required to complete the Works:**
4. Consistent in kind, size, quality and overall appearance.
5. **Source of supply:** Submit evidence when requested.

170 Manufacturer's recommendations/ instructions

1. **General:** Comply with manufacturer's printed recommendations and instructions current on the date of the Invitation to tender.
2. **Exceptions:** Submit details of changes to recommendations or instructions.
3. **Execution:** Use ancillary products and accessories supplied or recommended by main product manufacturer.
4. **Products:** Comply with limitations, recommendations and requirements of relevant valid certificates.

180 Water for the works

1. **Mains supply:** Clean and uncontaminated.
2. **Other:** If proposed, provide evidence of suitability.

Samples/ approvals

220 Approval of products

1. **Submissions, samples, inspections and tests:** Undertake or arrange to suit the Works programme.
2. **Approval:** Relates to a sample of the product and not to the product as used in the Works. Do not confirm orders or use the product until approval of the sample has been obtained.
3. **Complying sample:** Retain in good, clean condition on site. Remove when no longer required.

230 Approval of execution

1. **Submissions, samples, inspections and tests:** Undertake or arrange to suit the Works programme.

2. **Approval:** Relates to the stated characteristics of the sample. (If approval of the finished work as a whole is required this is specified separately). Do not conceal, or proceed with affected work until compliance with requirements is confirmed.
3. **Complying sample:** Retain in good, clean condition on site. Remove when no longer required.

Services generally

410 Services regulations

1. **New or existing services:** Comply with the Byelaws or Regulations of the relevant Statutory Authority.

Supervision/ inspection/ defective work

510 Supervision

1. **Replacement:** Give maximum possible notice before changing person in charge or site agent.

515 Emergency contact

1. **Details:** Prior to starting work, provide a 24-hour emergency telephone number for the duration of the contract.
2. **Specific Requirements**
 - 2.1. none required.

650 Maintenance record sheets

1. **Scope:** Submit accurate records of maintenance operations carried out including delays due to adverse weather or ground conditions.
2. **Content:** Descriptions of:
 - 2.1. weather.
 - 2.2. ground conditions encountered.
 - 2.3. work affected.
 - 2.4. number of hours lost.
3. **Frequency of submission:** Quarterly

660 Maintenance dockets

1. **Submit:** On completion of the maintenance operation.
2. **Format:** email

Ω End of Section

A34 Security/ safety/ protection

Security, health and safety

150 Security

1. **Protection:** Safeguard the site, the Works, products, materials, and any existing buildings affected by the Works from damage and theft.
2. **Access:** Take all reasonable precautions to prevent unauthorized access to the site, the Works and adjoining property.
3. **Special requirements:** standard practice to protect pedestrians.

170 Occupied premises

1. **Extent:** The premises will be occupied and/ or used during the Contract as follows: The general public.
2. **Works:** Carry out without undue inconvenience and nuisance and without danger to occupants and users.
3. **Overtime:** If compliance with this clause requires certain operations to be carried out during overtime, and such overtime is not required for any other reason, the extra cost will be paid to the Contractor, provided that such overtime is authorized in advance.

270 Livery

1. **General:** Provide the following:
 - 1.1. **Operatives:** uniform and logo
 - 1.2. **Vehicles:** clear wording
 - 1.3. **Other:** none

275 Vandalism

1. **Vandalism or malicious damage:** Give notice immediately.

Protect against the following

330 Noise and vibration

1. **Standard:** Minimize noise and vibration levels during execution of the works.
2. **Equipment:** Fit compressors, percussion tools and vehicles with effective silencers of a type recommended by manufacturers of the compressors, tools or vehicles.
3. **Restrictions:** Do not use radios or other audio equipment or permit employees to use in ways or at times that may cause nuisance.

340 Pollution

1. **Prevention:** Protect the site, the works and the general environment (including the atmosphere, land, streams and waterways) against pollution.
2. **Contamination:** If pollution occurs, report immediately, including to the appropriate authorities, and provide relevant information.

345 Fuel, lubricants and hydraulic fluids

1. **Restrictions**
 - 1.1. **Storing, handling and refuelling:** On hard standing or other approved areas. Keep away from watercourses, drains, soil, planting and grassed areas.

- 1.2. **Vehicles and equipment:** Ensure there is no leakage or spillage. If spillage occurs, inform immediately and take appropriate emergency action.

350 Pesticides

1. **Use:** Not permitted.

360 Nuisance

1. **Duty:** Prevent nuisance from smoke, dust, rubbish, vermin and other causes.
2. **Surface water:** Prevent hazardous build-up on-site, in excavations and to surrounding areas and roads.

371 Dangerous or hazardous substances

1. **Duty:** Report immediately suspected materials discovered during execution of the works.
 - 1.1. Do not disturb.
 - 1.2. Agree methods for safe removal or remediation.

375 Antiquities

1. **Duty:** Report immediately any fossils, antiquities and other objects of interest or value discovered during execution of the works.
2. **Preservation:** Keep objects in the exact position and condition in which they were found.
3. **Special requirements:** non expected

390 Smoking on-site

1. **Smoking on-site:** Not permitted.

400 Burning on site

1. **Burning on site:** Not permitted.

415 Surface water

1. **Duty:** Prevent hazardous build up including temporary conveyance and disposal from existing structures and the site during the course of the Works.

420 Infected timber/ Contaminated materials

1. **Removal:** Where instructed to remove material affected by fungal/ insect attack from the building, minimize the risk of infecting other parts of the building.
2. **Testing:** carry out and keep records of appropriate tests to demonstrate that hazards presented by concentrations of airborne particles, toxins and other microorganisms are within acceptable levels.

430 Waste

1. **Waste:** Includes rubbish, debris, spoil, containers and packaging, and surplus material requiring disposal.
2. **Requirement:** Minimize production and prevent accumulation of waste. Keep the site and works clean and tidy. Clean out voids and cavities in the construction before closing.
3. **Disposal:** Collect and store in suitable containers. Remove from site and dispose of in a safe and competent manner, as approved and directed by the waste regulation authority.
4. **Recyclable material:** Sort and dispose of at a materials recycling facility approved by the waste regulation authority.
5. **Documentation:** Retain on-site.

470 Invasive species

1. **General:** Prevent the spread of species (e.g. plants or animals) that may adversely affect the site or works economically, environmentally or ecologically.
2. **Special precautions:** non expected
3. **Duty:** Report immediately any suspected invasive species discovered during execution of the works.
 - 3.1. Do not disturb.
 - 3.2. Agree methods for safe eradication or removal.

Protect the following

520 Roads and footpaths

1. **Duty:** Maintain roads and footpaths within and adjacent to the site and keep clear of mud and debris.
2. **Damage caused by site traffic or otherwise consequent upon the Works:** Make good to the satisfaction of the Employer, Local Authority or other owner.

530 Existing topsoil/ subsoil

1. **Duty:** Prevent over compaction of existing topsoil and subsoil in those areas which may be damaged by construction traffic, parking of vehicles, temporary site accommodation or storage of materials and which will require reinstatement prior to completion of the Works.
2. **Protection:** Before starting work submit proposals for protective measures.

540 Retained trees/ shrubs/ grassed areas

1. **Protection:** Preserve and prevent damage, except those not required.
2. **Replacement:** Mature trees and shrubs if uprooted, destroyed, or damaged beyond reasonable chance of survival in their original shape, as a consequence of the Contractor's negligence, must be replaced with those of a similar type and age at the Contractor's expense.

550 Retained trees

1. **Protected area:** Unless agreed otherwise, do not:
 - 1.1. Dump spoil or rubbish, excavate or disturb topsoil, park vehicles or plant, store materials or place temporary accommodation within the root protection area.
 - 1.2. Sever roots exceeding 25 mm in diameter. If unintentionally severed, give notice and seek advice.
 - 1.3. Change level of ground within an area 3 m beyond branch spread.

555 Wildlife species and habitats

1. **General:** Safeguard the following: woodland buffer. Create a 10m offset from eastern woodland and do not undertake any works including grass cutting in this area..
2. **Protected habitats and species:** Upon discovery immediately advise. Do not proceed until instruction is received.
3. **Education:** Ensure that employees and visitors to the site receive suitable instruction and awareness training.

560 Existing features

1. **Protection:** Prevent damage to existing buildings, fences, gates, walls, roads, paved areas and other site features, which are to remain in position during execution of the Works.
2. **Special requirements:** non expected

Ω End of Section

A35

Specific limitations on method/ sequence/ timing

Clauses

130 Method/ sequence of work

1. Specific Limitations: Include the following in the programme:
 - 1.1. ensure grass cutting occurs as specified times of year and with specified methods of cutting.

160 Use or disposal of materials

1. Specific limitations: dispose of material off site at licensed tip or recycling facility

170 Working Hours

1. Specific limitations: normal working hours

Ω End of Section

A36

Facilities/ temporary work/ services

Generally

110 Spoil heaps, temporary works and services

1. Location: Give notice and details of intended siting.
2. Maintenance: Alter, adapt and move as necessary. Remove when no longer required and make good.

Accommodation - No Amendments

Temporary works

340 Name boards/ advertisements

1. Name boards/ advertisements: Not permitted.

Services and facilities

420 Lighting and power

1. Supply: Provide electricity and all equipment and make temporary arrangements for distribution about the site.

430 Water

1. Supply: Clean fresh water for the execution of the Works.
2. Approval: Obtain before using a supply other than potable mains water.

435 Water restrictions

1. Emergency legislation: If the water supply is or is likely to be restricted inform without delay and ascertain the availability of water from alternative sources.
2. Suitability: Check pH value of water from the new source and ensure that it is suitable for the plants/ soil/ turf being watered.
3. Cost: no extra payment will be instructed

440 Telephones

1. Direct communication: As soon as practicable after the Date of Possession provide the Contractor's person in charge with a mobile telephone.

540 Meter readings

1. Charges for service supplies: Where to be apportioned ensure that:
 - 1.1. Meter readings are taken by relevant authority at possession and/ or completion as appropriate.
 - 1.2. Copies of readings are supplied to interested parties.

Ω End of Section

A54

Provisional work/ items

Clauses

570 Provisional sum

1. Item: na
2. Provisional sum: Include: na.

580 Additional work

1. **Action:** Notify as soon as it becomes apparent that additional maintenance or repair work is required. Do not commence additional work without a specific instruction.

590 Contingencies

1. Provisional sum: Include: na.

Ω End of Section



Specification created using NBS Chorus

Urban Wilderness Ltd

Wirksworth Town Council

Wirksworth Meadow

Landscape Specification

01-02-2024



Contents

D20 Excavating and filling	1
Q10 Kerbs/ edgings/ channels/ paving accessories	4
Q20 Granular sub-bases to roads/ pavings	6
Q23 Gravel/ hoggin/ woodchip/ resin bound roads/ pavings/ overlays.....	8
Q25 Slab/ brick/ sett/ cobble pavings.....	10
Q28 Topsoil and soil ameliorants	14
Q30 Seeding/ turfing	18
Q31 External planting.....	22
Q35 Landscape maintenance	29
Q50 Site/ street furniture/ equipment	34

D20 Excavating and filling

Generally/the site

110 Site investigation

1. Report: See Preliminaries section A12

Clearance/excavating

164 Tree roots

1. Protected area: Do not cut roots within precautionary protection area.
 - 1.1. Size of area: Branch spread of the tree
2. Excavation in protected area
 - 2.1. Method: By hand
 - 2.2. Backfill as soon as possible or temporarily line with polyethylene sheet to reduce evaporation.
3. Outside protected area: Give notice of roots exceeding 25 mm and do not cut without approval.
4. Backfill: As dug material, enriched with amelioration as section Q31

168 Site clearance

1. Timing: Before topsoil stripping, if any.
2. General: Clear site of rubbish, debris and vegetation. Do not compact topsoil.

170 Removing small trees, shrubs, hedges and roots

1. Identification: Clearly mark trees to be removed.
2. Small trees, shrubs and hedges: Cut down.
3. Roots: Grub up and dispose of without undue disturbance of soil and adjacent areas.
4. Safety: Comply with Forest Industry Safety Accord safety leaflets.

220 Stripping topsoil

1. General: Before beginning general excavation or filling, strip topsoil from areas where there will be regrading, buildings, pavings/ roads and other areas shown on drawings.
2. Depth
 - 2.1. To the soil B-Horizon. Give notice where the depth of topsoil is difficult to determine.
 - 2.2. Give notice where the depth of topsoil is difficult to determine.
3. Handling: Handle topsoil for reuse or sale in accordance with clause 225.
4. Around trees: Do not remove topsoil from root protection areas in accordance with Arboricultural recommendation.
5. Site storage: Keep separate from excavated sub-soil. Top soil storage (outside of existing tree root protection areas) to be limited to 1.5m high bunds to prevent compaction and anaerobic soils. Ensure weed free before use and prior to turning every 6 months as part of storage regime.

221 Treating topsoil

1. Treatment: Apply a suitable translocated nonresidual herbicide.
2. Timing: Not less than two weeks before excavating topsoil.

225 Handling topsoil

1. **Standard:** To BS 3882.
2. **Aggressive weeds**
 - 2.1. **Species:** Notify the presence of species included in the Weeds Act, section 2, or the appropriate Wildlife and Countryside Act for the relevant jurisdiction.
 - 2.2. **Give notice:** Obtain instructions before moving topsoil.
3. **Contamination:** Do not mix topsoil with:
 - 3.1. Subsoil, stone, hardcore, rubbish or material from demolition work.
 - 3.2. Other soil or material containing aggressive weeds, sharps, plastics and non soil forming materials and notifiable animal or plant diseases.
 - 3.3. Oil, fuel, cement or other substances harmful to plant growth.
 - 3.4. Other classifications of topsoil.
4. **Multiple handling:** Keep to a minimum. Use topsoil immediately after stripping.

Disposal of materials

420 Topsoil storage heaps

1. **Standard:** To BS 3882.
2. **Height (maximum):** 1.2m
3. **Protection**
 - 3.1. Do not place any other material on top of storage heaps.
 - 3.2. Do not allow construction plant to pass over storage heaps.
 - 3.3. Prevent compaction and contamination.

421 Topsoil storage heap treatment

1. **Treatment:** Apply a suitable herbicide at appropriate times to prevent seeding of weeds

441 Surplus subsoil

1. **Excavated material:** Stockpile in temporary storage heaps.
2. **Retained material:** Spread and level surplus subsoil on site.
 - 2.1. **Protected areas:** Do not raise soil level within root spread of trees that are to be retained.
3. **Remaining material:** Remove from site.

454 Ground water level, springs or running water

1. **Give notice:** If it is considered that the excavations are below the water table.
2. **Springs/ Running water:** Give notice immediately if encountered.

Filling

535 Compaction generally

1. **General:** Compact fill not specified to be left loose as soon as possible after placing.
2. **After compaction:** Surface of each layer must be well closed, showing no movement under compaction plant, and without cracks, holes, ridges, loose material and the like.
3. **Defective areas:** Remove and recompact to full thickness of layer using new material.

610 Compacted filling for landscape areas

1. **Fill:** Material capable of compaction by light earthmoving plant.

2. **Filling:** Layers not more than 200 mm thick. Lightly compact each layer to produce a stable soil structure.

615 Loose tip filling for landscape areas

1. **Filling:** Do not firm, consolidate or compact when laying. Tip and grade to approximate levels in one operation with minimum of trafficking by plant.

Bioremediation - Not Used

'specification for highway works: earthworks specification' appendices - Not Used

Ω End of Section

Q10

Kerbs/ edgings/ channels/ paving accessories

Types of kerbs/edgings and channels

120 Stone

1. Description: Limestone Paver
2. Standard: To BS EN 1343.
3. Supplier: Buxton Architectural Stone LLP
4. Stone type: Limestone
5. Size (width x height): 600x900x50mm
6. Finish: Flamed
7. Bedding: As drawing: 475-UW-T-003 - Surfacing & Edging
8. Joints generally: Tooled mortar
9. Accessories: Applied slip resistant paint, as section M60

250 Material samples

1. Samples representative of colour and appearance of designated materials: Submit before placing orders.

Roads/paving accessories/ marking/ demarcation - Not Used

Laying

510 Laying kerbs, edgings and channels

1. Cutting: Neat, accurate and without spalling. Form neat junctions.
 - 1.1. Long units (450 mm and over) minimum length after cutting: 300 mm.
 - 1.2. Short units minimum length after cutting: The lower of one third of their original length or 50 mm.
2. Bedding of units: Positioned true to line and levelled along top and front faces, in a mortar bed on accurately cast foundations or on a race of fresh concrete.
3. Securing of units: After bedding has set, secured with a continuous haunching of concrete or on a race of fresh concrete with backing concrete cast monolithically.

520 Adverse weather

1. Conditions: Do not construct if the temperature is below 3°C on a falling thermometer or 1°C on a rising thermometer. Adequately protect foundations, bedding and haunching against frost and rapid drying by sun and wind.

530 Concrete for foundations, races and haunching

1. Standard: To BS 8500-2.
2. Designated mix: Not less than GEN0 or Standard mix ST1.
3. Workability: Very low.

540 Cement mortar bedding

1. General: To section Z21.
2. Mix (Portland cement:sand): 1:3.
 - 2.1. Portland cement: Class CEM I 42.5 to BS EN 197-1.

2.2. Sand: to BS EN 12620, grade 0/4 or 0/2 (MP).

3. Bed thickness: 12-40 mm.

600 Radius kerbs/ channels

1. Usage: Radii of 15 m or less.

610 Angle kerbs

1. Usage: Internal and external 90° changes of direction.

2. Cutting of mitres: Not permitted.

620 Accuracy

1. Deviations (maximum)

1.1. Level: ± 6 mm.

1.2. Horizontal and vertical alignment: 3 mm in 3 m.

625 Regularity of paved surfaces

1. Maximum undulation of (non-tactile) paving surface: 3 mm.

1.1. Method of measurement: Under a 1 m straight edge placed anywhere on the surface (where appropriate in relation to the geometry of the surface).

2. Difference in level between adjacent units (maximum)

2.1. Joints flush with the surface: Twice the joint width (with 5 mm max difference in level).

2.2. Recessed, filled joints: 2 mm.

2.2.1. Recess depth (maximum): 5 mm.

2.3. Unfilled joints: 2 mm.

3. Sudden irregularities: Not permitted.

640 Tooled mortar joints

1. Jointing: Ends of units buttered with bedding mortar as laying proceeds. Joints completely filled and tooled to a neat flush profile.

1.1. Joint width: 6 mm.

Ω End of Section

Q20

Granular sub-bases to roads/ pavings

To be read with preliminaries/ general conditions.

110 Thicknesses of sub-base/ subgrade improvement layers

1. Thicknesses: See sections: Q23 Gravel/hoggin/woodchip roads/pavings Q25 Slab/brick/sett/cobble pavings.

130 Herbicides

1. Type: Translocated, selective
2. Application: To subgrade of footpath.

145 Preparation and compaction of subgrades

1. Timing: Immediately before placing sub-base.
2. Soft or damaged areas: Excavate and replace with sub-base material, compacted in layers 300 mm (maximum) thick
3. Compaction: Thoroughly, by roller or other suitable means, adequate to resist subsidence or deformation of the subgrade during construction and of the completed roads/ pavings when in use. Take particular care to compact fully at intrusions, perimeters and where local excavation and backfilling has taken place.

180 Notice

1. Give notice: After preparation and compaction of subgrades
 - 1.1. Period of notice: 5 working days

210 Highways agency Type 1 unbound mixture for sub-base

1. Material: Type 1 unbound mixture to Highways Agency 'Specification for highway works', clauses 801 and 803.
 - 1.1. Recycled aggregate: Permitted

211 Granular material

1. Quality: Of a known suitability for use in sub-bases, free from excessive dust, well graded, all pieces less than 75 mm in any direction, minimum 10% fines value of 50 kN when tested in a soaked condition to BS 812-111 or a resistance to fragmentation of LA50 for the Los Angeles test to BS EN 1097-2, and in any one layer only one of the following:
 - 1.1. Crushed rock (other than argillaceous rock) or quarry waste with not more binding material than is required to help hold the stone together.
 - 1.2. Crushed concrete, crushed brick or tile, free from plaster, timber and metal.
 - 1.3. Gravel or hoggin with not more clay content than is required to bind the material together, and with no large lumps of clay.
 - 1.4. Natural gravel.
 - 1.5. Natural sand.
2. Filling: Spread and levelled in 150 mm maximum layers, each layer thoroughly compacted.

230 Placing granular material generally

1. Preparation: Loose soil, rubbish and standing water removed.
2. Structures, membranes and buried services: Ensure stability and avoid damage.

241 Laying granular sub-bases for vehicular areas

1. **Proposals:** Well in advance of starting work submit details of:
 - 1.1. Maximum depth of each compacted layer.
 - 1.2. Type of plant.
 - 1.3. Minimum number of passes per layer.
2. **General:** Spread and levelled in layers. As soon as possible thereafter compact each layer.
3. **At drainage fittings, inspection covers, perimeters and where local excavation and backfilling has taken place:** Take particular care to compact fully.
4. **Defective areas:** Remove loose, segregated or otherwise defective areas to the full thickness of the layer and lay and compact new material.
5. **Sub-base surface after compaction and immediately before overlaying:** Uniformly well closed and free from loose material, cracks, ruts or hollows.

330 Cold weather working

1. **Frozen materials:** Do not use.
2. **Freezing conditions:** Do not place fill on frozen surfaces. Remove material affected by frost. Replace and recompact if not damaged after thawing.

340 Protection

1. **Sub-bases:** As soon as practicable, cover with subsequent layers, specified elsewhere.
2. **Subgrades and sub-bases:** Prevent degradation by construction traffic, construction operations and inclement weather.

Ω End of Section

Q23

Gravel/ hoggin/ woodchip/ resin bound roads/ pavings/ overlays

Types of surfacing

110 Hard binding gravel

1. Description: Longcliffe Golconda Limestone Self Binding Gravel
2. Geotextile: Sheet
 - 2.1. Manufacturer: Contractor's choice
 - 2.1.1. Product reference: Terram Geotextile
3. Granular sub-base: Type 1 unbound mixture, as section Q20
 - 3.1. Compacted thickness: 150 mm
4. Surface course: Angular gravel, free from clay, with sufficient grit to enable compaction.
 - 4.1. Type: As drawing:475-UW-T-003-Surfacing & Edging Details
 - 4.2. Source: Longcliffe Quarry
 - 4.3. Colour: Limestone
 - 4.4. Size: Graded 6-10 mm
 - 4.5. Compacted thickness: 35-50 mm
5. Completion: Compact to produce a firm, regular surface, stable in use.

Laying

310 Timber edging

1. Softwood board
 - 1.1. Size: 150 x 25 mm.
 - 1.2. Fixing: Galvanized nails into softwood pegs.
2. Softwood pegs
 - 2.1. Size: 50 x 50 x 450 mm long
 - 2.2. Fixing: Drive into ground.
 - 2.3. Centres: 1200 mm
3. Preservative treatment: As section Z12 and WPA Commodity Specification C4, with 15 year desired service life

340 Laying generally

1. Channels, gullies, etc: Keep clear.
2. Finished surfaces
 - 2.1. Lines and levels: To prevent ponding.
 - 2.2. Overall texture: Even.
 - 2.3. State at completion: Clean.

350 Cold weather working

1. Frozen materials: Do not use.
2. Freezing conditions: Do not lay pavings.
3. Cold bituminous surface dressings: Do not apply when ambient temperature is below 10°C.

4. Other dressings or overlays: As manufacturers' recommendations.

360 Drainage falls

1. Sealed surfaces
 - 1.1. Falls and cross falls (minimum): 1:40.
 - 1.2. Camber (minimum): 1:50.
2. Unsealed surfaces (minimum): 1:30.

370 Laying granular surfaces in vehicular areas

1. Permissible deviation from required levels, falls and cambers (maximum): ± 20 mm.
2. General: Spread and level in 150 mm maximum layers. As soon as possible compact each layer.
3. Dry weather: Lightly water layers during compaction.

380 Laying granular surfaces in pedestrian areas and cycle tracks

1. Permissible deviation from required levels, falls and cambers (maximum): ± 12 mm.
2. General: Spread and level in 100 mm maximum layers. As soon as possible, compact each layer.
3. Dry weather: Lightly water layers during compaction.

390 Protection from traffic and plant

1. Paved areas: Restrict access to prevent damage.

Completion

400 Slip resistance testing

1. Surfaces to be tested: Limestone Pavers
 - 1.1. Surface condition: Dry and wet
2. Timing: Post final clean, prior to handover
3. Period of notice (minimum): 3 working days.
4. Test standard: To BS 7976
 - 4.1. Testing authority: An approved laboratory
 - 4.2. Witnessing/ Certification: Arrange for tests to be witnessed/ certified by: Consultant.
 - 4.3. Report: Submit.
 - 4.4. Format: As required under BS 7976

Ω End of Section

Q25

Slab/ brick/ sett/ cobble pavings

General - Not Used

System performance - Not Used

Products

310 Limestone Pavers

1. Description: Limestone Paver
2. Standard: To BS EN 1341.
3. Supplier: Buxton Architectural Stone LLP
4. Petrographical description/ stone type: Limestone
5. Laid: Stretcher Bond
6. Finish: Flamed
7. Sizes: 600 x 900 x 50 mm
8. Slip resistance: to BS EN 1338

330 Natural stone setts

1. Description: Limestone Setts
2. Standard: To BS EN 1342.
3. Supplier: Buxton Architectural Stone LLP
4. Petrographical description/ stone type: Limestone
5. Finish: Tumbled
6. Laid: Flush, Single Row
7. Sizes: 100mm(w) x 100mm(l) x 50mm(h)
8. Slip resistance: to BS EN 1338

365 Geotextile sheet

1. Description: - BELOW LAYING COURSE
2. Manufacturer: Contractor's choice
 - 2.1. Product reference: Contractor's choice
3. Recycled content: 90% (minimum) to BS EN ISO 14021

375 Jointing

1. Description: To limestone paving and setts
2. Standard: To BS EN 12620, designations:
 - 2.1. Flag and slab paving laying course: Ultrascap Rapid Set Mortar

Execution

610 Material samples

1. Samples representative of colour and appearance of designated materials: Submit before placing orders.
 - 1.1. Designated materials: All pavings

615 Control samples

1. Sample areas: Complete as part of the finished work.
 - 1.1. Types of paving: Natural stone slab & sett paving
 - 1.2. Size (minimum): 3.0 x 3.0 m
 - 1.3. Included features: Edging
2. Approval of appearance and surface: Obtain before proceeding.

620 Adverse weather

1. General
 - 1.1. Temperature: Do not lay or joint paving if the temperature is below 3°C on a falling thermometer or below 1°C on a rising thermometer.
 - 1.2. Frozen materials: Do not use. Do not lay bedding on frozen or frost covered bases.
2. Paving with mortar joints and/ or bedding
 - 2.1. Protect from frost damage, rapid drying out and saturation until mortar has hardened.
3. Paving laid and jointed in sand/ fine aggregate
 - 3.1. Stockpiled laying course sand/ fine aggregate: Protect from saturation.
 - 3.2. Exposed areas of unbound laying course and uncompacted areas of unbound paving: Protect from heavy rainfall.
 - 3.3. Saturated unbound laying course: Remove and replace, or allow to dry before proceeding.
 - 3.4. Laying dry sand/ fine aggregate jointed paving in damp conditions: Brush in as much jointing sand as possible. Minimize site traffic over paving. As soon as paving is dry, top up joints and complete compaction.

625 Laying pavings – general

1. Appearance: Smooth and even with regular joints and accurate to line, level and profile.
2. Falls: To prevent ponding.
3. Bedding of paving units: Firm so that rocking or subsidence does not occur or develop.
 - 3.1. Bedding/ Laying course: Consistently and accurately graded, spread and compacted to produce uniform thickness and support for paving units.
4. Slopes: Lay paving units upwards from the bottom of slopes.
5. Paving units: Free of mortar and sand stains.
6. Cutting: Cut units cleanly and accurately, without spalling, to give neat junctions with edgings and adjoining finishes.

630 Levels of paving

1. Permissible deviation from specified levels
 - 1.1. Generally: ± 6 mm.
2. Height of finished paving above features
 - 2.1. At gullies: +6 to +10 mm.
 - 2.2. At drainage channels and kerbs: +3 to +6 mm.

635 Regularity of paved surfaces

1. Maximum variation in gap under a 3 m straight edge placed anywhere on the surface (where appropriate in relation to the geometry of the surface)
 - 1.1. Precast concrete flags or natural stone slabs: 3 mm.
2. Difference in level between adjacent paving units (maximum): 2 mm.
3. Sudden irregularities: Not permitted.

637 Regularity of paved surfaces

1. Maximum undulations in the surface of pavings (except tactile paving surfaces) under a 1 m straight edge placed anywhere on the surface (where appropriate in relation to the geometry of the surface): 3 mm.
2. Joints between paving units or utility access covers
 - 2.1. Joints flush with the surface: difference in level between adjacent units to be no more than twice the joint width (with a 5 mm max difference in level).
 - 2.2. Recessed, filled joints: difference in level between adjacent units to be no greater than 2 mm; the recess to be no deeper than 5 mm.
 - 2.3. Unfilled joints: difference in level between adjacent units to be no greater than 2 mm.
3. Sudden irregularities: Not permitted.

645 Protection

1. Cleanliness: Keep paving clean and free from mortar droppings, oil and other materials likely to cause staining.
2. Materials storage: Do not overload pavings with stacks of materials.
3. Handling: Do not damage paving unit corners, arrises, or previously laid paving.
4. Mortar bedded pavings: Keep free from traffic after laying:
 - 4.1. Pedestrian traffic (minimum): 5 days
 - 4.2. Vehicular traffic (minimum): 28 days
5. Access: Restrict access to paved areas to prevent damage from site traffic and plant.

650 Cementitious bases and sub-bases

1. General: Protect from moisture loss, if not covered by another pavement course within 2 hours of completion.

655 Condition of sub-bases/ bases before spreading laying course

1. Trenches and excavation of soft or loose spots in subgrade: Fill and thoroughly compact.
2. Granular surfaces: Lay and compact so as to be sound, clean, smooth and close-textured enough to prevent migration of bedding/ laying course materials into the sub-base during compaction and use, free from movement under compaction plant and free from compaction ridges, cracks and loose material.
3. Prepared existing and new bound bases (roadbases): Sound, clean, free from rutting or major cracking. Remove sharp stones, projections and debris.
4. Sub-base/ Roadbase level tolerances: To BS 7533-7, Annex A.
5. Levels and falls: Accurate and within the specified tolerances.
6. Drainage outlets: Within 0-10 mm of the required finished level.
7. Features in unbound paving (including mortar bedded restraints and drainage ironwork): Complete to required levels; adequately bed and haunch in mortar.
8. Sub-bases containing cement/ hydraulic binder: Cure for minimum times specified in BS 7533-4.

710 Laying flag and slab paving – sand/ fine aggregate laying course and jointing

1. Standard: In accordance with BS 7533-4.
2. Flag installation and cutting: To Interpave 'Concrete flag paving'.
3. Laying course
 - 3.1. Nominal thickness after compaction: 50 mm
4. Joint width: 10-12mm

730 Laying natural stone sett paving

1. Standard generally: In accordance with BS 7533-7.
2. Laying type: Rigid.
 - 2.1. Laying and jointing method: Moist mix fine concrete with vibratory compaction
3. Laying course
 - 3.1. Target thickness after compaction: 50 mm
4. Joint width (nominal): 10-12 mm

785 Tooled joints in mortar-bedded units

1. Joints: Completely filled with bedding mortar as work proceeds.
 - 1.1. Joint width: 10-12mm
 - 1.2. Finish: Neat flush profile.

Completion - Not Used

Ω End of Section

Q28

Topsoil and soil ameliorants

System outline

145 Planting pit backfilling topsoil system

1. Description: FOR ALL TREE PITS, FOR SHRUB-PLANTING PITS
2. Composition
 - 2.1. Topsoil: Site-sourced topsoil where possible
 - 2.2. Ameliorants: Sanitized and stabilized composted materials certified to PAS 100
 - 2.3. Accessories: Mycorrhizal inoculant

155 Mulching and top dressing system

1. Description: FOR TREES, SHRUB AND WOODLAND PLANTING
2. Composition
 - 2.1. Material: Organic materials

Products

300 Preparation materials generally

1. Purity: Free of pests and disease.
2. Foreign matter: On visual inspection, free of fragments and roots of aggressive weeds, sticks, straw, subsoil, pieces of brick, concrete, glass, wire, large lumps of clay or vegetation, and the like.
3. Contamination: Do not use topsoil contaminated with subsoil, rubbish or other materials that are:
 - 3.1. Corrosive, explosive or flammable.
 - 3.2. Hazardous to human or animal life.
 - 3.3. Detrimental to healthy plant growth.
4. Subsoil: In areas to receive topsoil or planting media, do not use subsoil contaminated with the above materials.
5. Objectionable odour: None.
6. Give notice: If any evidence or symptoms of soil contamination are discovered on the site or in topsoil or planting media to be imported.

310 Materials not permitted

1. Materials: Products containing peat

315 Imported topsoil to BS 3882

1. Description: FOR TREE PITS
2. Quantity: Provide as necessary to make up any deficiency of topsoil existing on site and to complete the work.
3. Standard: To BS 3882.
4. Classification: Multipurpose
 - 4.1. Soil textural class to BS 3882, Figure 1: Any class
5. Source: Contractor's choice
 - 5.1. Product reference: Contractor's choice

355 Organic materials

1. Description: FOR SITE-MADE TOPSOIL
2. Type: Wood chips Bark Cocoa shell Manure Seaweed Well rotted leaf mould
3. Source: Contractor's choice
 - 3.1. Product reference: Contractor's choice

360 Sanitized and stabilized composted materials certified to PAS 100

1. Description: FOR SITE-MADE TOPSOIL
2. Standard: In accordance with PAS 100
3. Source: Contractor's choice
 - 3.1. Product reference: Contractor's choice
4. Horticultural parameters
5. Texture: Friable.
6. Objectionable odour: Not permitted.
7. Compost Certification Scheme certification: Required
8. Declaration of analysis: Submit.
9. Additional analyses: Not required
10. Samples: Not required

380 Mycorrhizal inoculant

1. Description: FOR TREE PITS
2. Manufacturer: Contractor's choice
 - 2.1. Product reference: Contractor's choice

Execution

620 Importing topsoil

1. Give notice: Before stripping topsoil for transfer to site.
 - 1.1. Notice period: 2 days

625 Sample loads

1. Description: FOR IMPORTED TOPSOIL
2. Deliver to site a sample load: of not less than 5 m³
3. Give notice: Allow inspection before making further deliveries to site. Retain for comparison with subsequent loads.
 - 3.1. Notice period: 2 days

650 Notice

1. Give notice before
 - 1.1. Setting out.
 - 1.2. Spreading topsoil.
 - 1.3. Applying herbicide.
 - 1.4. Applying fertilizer.
 - 1.5. Visiting site during maintenance period.
2. Period of notice: 2 working days

655 Mechanical tools

1. **Restrictions:** Do not use within 100 mm of tree and plant stems. Do not damage adjacent planting.

660 Grading subsoil for:

1. **Description:** WOODLAND PLANTING AREAS
2. **Standard:** In accordance with BS 8601.
3. **General:** Grade to smooth flowing contours to achieve specified finished levels of topsoil.
4. **Areas of thicker topsoil:** Excavate locally.
5. **Avoid compaction.**
6. **Excess subsoil:** Remove.

680 Surplus topsoil to be retained

1. **Generally:** Spread and level on site:
 - 1.1. **Locations:** Any areas where topsoil is required for new planting
 - 1.2. **Protected areas:** Do not raise soil level within root spread of trees that are to be retained.

685 Surplus materials to be removed

1. **Topsoil removal from site:** Not required
2. **Subsoil, stones, debris, wrapping material, canes, ties, temporary labelling, rubbish, prunings and other arisings:** Remove.

690 Topsoil storage heaps

1. **Location:** Submit proposals
2. **Height (maximum):** 1.0 m
3. **Width (maximum):** 3.0 m
 - 3.1. **Formation:** Loose tip and shape from the side only, without running machinery on the heap at any time.
4. **Protection**
 - 4.1. Do not place any other material on top of storage heaps.
 - 4.2. Do not allow construction plant to pass over storage heaps.
 - 4.3. Prevent compaction and contamination, by fencing and covering as appropriate.

700 Grading of topsoil

1. **Topsoil condition:** Reasonably dry and workable.
2. **Contours:** Smooth and flowing, with falls for adequate drainage.
 - 2.1. **Hollows and ridges:** Not permitted.
3. **Give notice:** If required levels cannot be achieved by movement of existing soil.

705 Handling topsoil

1. **Standard:** In accordance with BS 3882.
2. **Aggressive weeds:** Give notice and obtain instructions before moving topsoil.
3. **Plant:** Select and use plant to minimize disturbance, trafficking and compaction.
4. **Contamination:** Do not mix topsoil with:
 - 4.1. Subsoil, stone, hardcore, rubbish or material from demolition work.
 - 4.2. Other grades of topsoil.
5. **Multiple handling:** Keep to a minimum. Use or stockpile topsoil immediately after stripping.

6. **Wet conditions:** Handle topsoil in the driest condition possible. Do not handle during or after heavy rainfall, or when the moisture content is greater than the plastic limit.

715 Loose tipping of topsoil

1. **Standard:** In accordance with BS 3882.
2. **General:** Do not firm, consolidate or compact topsoil when laying. Tip and grade to approximate levels in one operation with minimum of trafficking by plant.

840 Applying mycorrhizal inoculant

1. **Description:** To Trees and Shrubs
2. **Depth:** To manufacturer's/ supplier's recommendations

845 Applying loose mulch

1. **Description:** FOR TREE PITS
2. **Timing:** Immediately after planting
3. **Preparation:** Water soil thoroughly
4. **Coverage of mulch (minimum)**
 - 4.1. **Trees:** 50 mm depth, In a circular area of 500 mm radius measured from the tree stem
5. **Finished level of mulch:** 30 mm below adjacent grassed or paved areas

Completion

920 Applying mulch

1. **Timing:** At end of the maintenance period
2. **Watering:** Ensure that soil is thoroughly moistened prior to mulching, applying water where necessary.
3. **Trees:** Remulch.
 - 3.1. **Depth (minimum):** 50 mm

Ω End of Section

Q30

Seeding/ turfing

General information/requirements

115 Seeded and turfed areas

1. **Growth and development:** Healthy, vigorous grass sward, free from the visible effects of pests, weeds and disease.
2. **Appearance:** A closely knit, continuous ground cover of even density, height and colour.

120 Climatic conditions

1. **General:** Carry out the work while soil and weather conditions are suitable.

145 Watering

1. **Quantity:** Wet full depth of topsoil.
2. **Application:** Even and without displacing seed, seedlings or soil.
3. **Frequency:** As necessary to ensure the establishment and continued thriving of all seeding/turfing.

150 Water restrictions

1. **Timing:** If water supply is or is likely to be restricted by emergency legislation do not carry out seeding/turfing until instructed. If seeding/turfing has been carried out, obtain instructions on watering.

160 Notice

1. Give notice before
 - 1.1. Setting out.
 - 1.2. Applying herbicide.
 - 1.3. Applying fertilizer.
 - 1.4. Preparing seed bed.
 - 1.5. Seeding or turfing.
 - 1.6. Visiting site during maintenance period.
2. Period of notice: 3 working days

170 Setting out

1. **Boundaries:** Mark clearly.
2. **Delineation:** In straight lines or smoothly flowing curves as shown on drawings.

Preparation

210 Herbicide

1. **Description:** FOR WILDFLOWER MEADOWS
2. **Type:** Suitable for suppressing perennial weeds.
3. **Timing:** Allow fallow period before cultivation.
 - 3.1. **Duration:** As manufacturer's recommendation

211 Scarification of Seed bed before Sowing

1. **Description:** FOR WILDFLOWER MEADOWS

2. Operations: Cut vegetation to 10mm, use herbicide as Q30 210, and scarify soil to provide bare ground.
3. Machinery: Contractors choice. To be approved.
4. Timing: Maximum one week before seeding
5. Bare ground levels: 50-90%
6. Arisings: Store on site for.....Remove off site

212 Seed bed cleaning before sowing

1. Description: WILDFLOWER MEADOWS
2. Operations: Kill pernicious weeds with selective contact herbicide.

Seeding

310 Grass seed

1. Description: FOR LAWNS
2. Mixture: Germinal:WFG20 Eco Species Rich Lawn
3. Application rate: 10 g/m²

312 Wildflower seed mixture

1. Description: FOR WILDFLOWER MEADOWS
2. Supplier: John Chambers
 - 2.1. Mixture reference: Heritage Wetland Area 80%
3. Sowing Mixture:: Seed to be mixed with contrasting coloured sand or sawdust.
4. Application rate: 5 g/m²

312 Wildflower seed mixture Type A

1. Description: FOR WILDFLOWER MEADOWS
2. Supplier: John Chambers
 - 2.1. Mixture reference: Pro Basic 25 100% Wildflower
3. Sowing Mixture:: Seed to be mixed with contrasting coloured sand or sawdust.
4. Application rate: 2 g/m²

330 Sowing

1. General: Establish good seed contact with the root zone.
2. Method: To suit soil type, proposed usage, location and weather conditions during and after sowing
 - 2.1. Distribution: 2 equal sowings at right angles to each other and diagonally to main axis
 - 2.2. After Seeding:: Seedbed should be lightly ranked and rolled.

335 Grass sowing season

1. Grass seed generally: April to October

336 Wildflower sowing season

1. Wildflower seed generally: March to May or August to October

Turfing - Not Used

Protecting/cutting

560 Metal edgings Type A

1. Manufacturer: [Kinley](#)
 - 1.1. Contact details
 - 1.1.1. Address: Northpoint, Compass Park
Junction Road
Staplecross
East Sussex
TN32 5BS
 - 1.1.2. Telephone: [+44 \(0\) 1580313124](tel:+441580313124)
 - 1.1.3. Web: www.exceleddge.co.uk
 - 1.1.4. Email: sales@exceleddge.co.uk
 - 1.2. Product reference: [AluExcel Aluminium Angle Edging \(101032: Flexible Version 15 mm\)](#)
2. Material: Stainless Steel
3. Edging
 - 3.1. Form: Flexible.
 - 3.2. Duty: Heavy.
 - 3.3. Length (minimum): 2.5 m.
 - 3.4. Colour: Silver.
4. Height: 100 mm.
5. Installation: In true straight lines or flowing curves.
 - 5.1. Installation height: Flush

565 Timber/ plastics edgings

1. Material: Softwood board
 - 1.1. Size: 150 mm x 25 mm.
2. Fixings: Nailed.
 - 2.1. Pegs: 50 mm x 50 mm x 450 mm long.
 - 2.2. Centres: 1200 mm.
 - 2.3. Installation height: 10 mm
3. Curved boards: Closely spaced vertical grooves cut in the back to achieve smooth flowing lines.
4. Preservative treatment: As section Z12 and Wood Protection Association commodity specification C4.
 - 4.1. Type: To provide a 15 year service life

590 Cleanliness

1. Soil and arisings: Remove from hard surfaces.
2. General: Leave the works in a clean, tidy condition at Completion and after any maintenance operations.

Maintenance

610 Failures of seeding/ turfing

1. Duration: Carry out the following operations from completion of seeding/ turfing until: the end of the rectification period.

2. Defective materials or workmanship: Areas that have failed to thrive.
 - 2.1. Exclusions: Theft or malicious damage.
3. Method of making good: Recultivation and reseedling/ returfing.
4. Timing of making good: The next suitable planting season

620 Maintaining

1. Description: GENERAL GRASSED AREAS
2. Duration: Carry out the following operations from completion of seeding/ turfing until: the end of the rectification period.
3. Maximum height of growth at any time: 35 mm
4. Preparation: Before each cut remove all litter and debris.
5. Cutting: As and when necessary to a height of 25 mm.
 - 5.1. Arisings: Remove
6. Trimming: All edges.
 - 6.1. Arisings: Remove.
7. Weed control: Substantially free of broad leaved weeds.
 - 7.1. Method: By hand
8. Stones brought to the surface: Remove regularly.
 - 8.1. Size: Exceeding 25 mm in any dimension.
9. Areas of settlement: Make good.
10. Watering: When instructed

650 Maintaining grassed areas with perennial wildflowers

1. Duration: Carry out the following operations from completion of seeding/ turfing until: the end of the rectification period.
2. Preparation: Before each cut remove all litter and debris.
3. Height and frequency of cut in first growing season
 - 3.1. Time of first cut: March/ April
 - 3.2. Height of first cut: 50 mm
 - 3.3. Frequency of subsequent cutting (minimum): Every 6-8 weeks until autumn
 - 3.4. Height of growth permitted (maximum): 150 mm
4. Height and frequency of cut in second growing season
 - 4.1. Time of cut: Single cut in October
 - 4.2. Height of cut: 50 mm
5. Trimming: All edges.
 - 5.1. Arisings: Remove.
6. Watering: When instructed

Ω End of Section

Q31

External planting

General information/ requirements

112 Site clearance generally

1. **General:** Remove rubbish, concrete, metal, glass, decayed vegetation and contaminated topsoil.
2. **Contamination:** Remove material containing toxins, pathogens or other extraneous substances harmful to plant, animal or human life.
3. **Vegetation:** Clear surface vegetation in areas shown on drawings using suitable nonresidual herbicide

118 Soil conditions

1. **Soil for cultivating and planting:** Moist, friable and (except in aquatic/ marginal planting) not waterlogged.
2. **Frozen or snow covered soil:** Give notice before planting. Provide additional root protection. Prevent planting pit sides and bases and backfill materials from freezing.

120 Climatic conditions

1. **General:** Carry out the work while soil and weather conditions are suitable.
 - 1.1. **Strong winds:** Do not plant.

125 Times of year for planting

1. **Deciduous trees and shrubs:** Late October to late March.
2. **Conifers and evergreens:** September/ October or April/ May.
3. **Herbaceous plants (including marginal):** September/ October or March/ April.

130 Mechanical tools

1. **Restrictions:** Do not use within 100 mm of tree and plant stems.

145 Watering

1. **Quantity:** Wet full depth of topsoil.
2. **Application:** Even and without damaging or displacing plants or soil.
3. **Frequency:** As necessary to ensure establishment and continued thriving of planting.

150 Water restrictions

1. **General:** If water supply is or is likely to be restricted by emergency legislation, do not carry out planting until instructed. If planting has been carried out, obtain instructions on watering.

160 Notice

1. **Give notice before**
 - 1.1. Setting out.
 - 1.2. Applying herbicide.
 - 1.3. Applying fertilizer.
 - 1.4. Delivery of plants/ trees.
 - 1.5. Planting shrubs.
 - 1.6. Planting trees into previously dug pits.

- 1.7. Watering.
- 1.8. Visiting site during maintenance period.
2. Period of notice: Three working days

170 Soil requirements

1. Site won topsoil to be utilised subject to appropriate storage and quality testing in accordance with section Q28. Suitable imported topsoil to be utilised where site won stock is insufficient in accordance with section Q28.
2. Type
 - 2.1. Tree pits, shrub pits and other backfilling: Tree pits to have 600mm subsoil and 300mm topsoil as upper layer with 75mm bark mulch on top of topsoil. Topsoil to BS3882:2105, Subsoil to BS 8601:2013.
 - 2.2. Mulch applied after planting: Mulching and top dressing system, as section Q28

200 Plants/ Trees – general

1. Condition: Materially undamaged, sturdy, healthy and vigorous.
2. Appearance: Of good shape and without elongated shoots.
3. Hardiness: Grown in a suitable environment and hardened off.
4. Health: Free from pests, diseases, discoloration, weeds and physiological disorders.
5. Budded or grafted plants: Bottom worked.
6. Root system and condition: Balanced with branch system.
 - 6.1. Standard: The National Plant Specification
7. Species: True to name.
8. Origin/ Provenance: Local provenance
9. Definition: Origin and Provenance have the meaning given in the National Plant Specification.

216 Plants/ Trees – specification criteria

1. Name, forms, dimensions and other criteria: To the relevant part of BS 3936.

235 Container grown plants/ Trees

1. Growing medium: With adequate nutrients for plants to thrive until permanently planted.
2. Plants: Centred in containers, firmed and well watered.
3. Root growth: Substantially filling containers, but not root bound, and in a condition conducive to successful transplanting.
4. Hardiness: Grown in the open for at least two months before being supplied.
5. Containers: With holes adequate for drainage when placed on any substrate commonly used under irrigation systems.

245 Labelling and information

1. General: Provide each plant/ tree or group of plants/ trees of a single species or cultivar with supplier's labelling for delivery to site, showing:
 - 1.1. Full botanical name.
 - 1.2. Total number.
 - 1.3. Number of bundles.
 - 1.4. Part bundles.
 - 1.5. Supplier's name.
 - 1.6. Employer's name and project reference.

- 1.7. Plant specification, in accordance with scheduled National Plant Specification categories.

260 Plant/ Tree substitution

1. Plants/ trees unobtainable or known to be likely to be unobtainable at time of ordering: Submit alternatives, stating:
 - 1.1. Price.
 - 1.2. Difference from specified plants/ trees.
2. Approval: Obtain before making any substitution.

265 Plant handling, storage transport and planting

1. Standard: To CPSE 'Handling and establishing landscape plants'.
2. Frost: Protect plants from frost.
3. Handling: Handle plants with care. Protect from mechanical damage and do not subject to shock, e.g. by dropping from a vehicle.
4. Plant packaging: Black polyethylene bags
5. Packaging of bulk quantities: Pallets or bins sealed with polyethylene and shrink wrapped
6. Planting: Upright or well balanced with best side to front.

280 Treatment of tree wounds

1. Cutting: Keep wounds as small as possible.
 - 1.1. Cut cleanly back to sound wood using sharp, clean tools.
 - 1.2. Leave branch collars. Do not cut flush with stem or trunk.
 - 1.3. Set cuts so that water will not collect on cut area.
2. Fungicide/ Sealant: Do not apply unless instructed.

285 Protection of existing grass

1. General: Protect areas affected by planting operations using boards/ tarpaulins.
 - 1.1. Excavated or imported material: Do not place directly on grass.
 - 1.2. Duration: Minimum period.

290 Surplus material

1. Subsoil, stones, debris, wrapping material, canes, ties, temporary labelling, rubbish, prunings and other arisings: Remove.

Plant containers - Not Used

Preparation of planting beds/ planting materials

300 Herbicide

1. Description: TO CLEAR EXISTING VEGETATION
2. Locations: As drawing 475-UW-T-002-Softworks and Tree Removal & Maintenance Plan
3. Type: Suitable for suppressing perennial weeds.
4. Timing: Allow fallow period before cultivation.
 - 4.1. Duration (minimum): As manufacturer's recommendation

305 Weed control

1. Description: FOR INVASIVE NON-NATIVE WEEDS
 2. Locations: All planting areas
- Urban Wilderness Ltd
01-02-2024

3. General: Prevent weeds from seeding and perennial weeds from becoming established, by hand weeding by contractor's choice of herbicide.

Planting shrubs/ herbaceous plants/ bulbs

401 Regular plant layout

1. Description: As drawing 475-UW-T-002-Softworks and Tree Removal & Maintenance Plan
2. Spacing: As drawing 475-UW-T-002-Softworks and Tree Removal & Maintenance Plan
3. Density: As drawing 475-UW-T-002-Softworks and Tree Removal & Maintenance Plan

405 Shrub planting pits

1. Timing: Excavate 1-2 days (maximum) before planting.
2. Sizes: Wide enough to accommodate roots when fully spread and 75 mm deeper than root system
3. Pit bottom improvement Break up to a depth of 150 mm, incorporating 25 g of slow release fertilizer per planting pit.

470 Formal hedges

1. Shrubs for hedges: Consistent in species, cultivar and clone to ensure a uniform hedge.
2. Planting: In trenches large enough to take full spread of roots. Set out plants evenly.

480 After planting

1. Watering: Immediately after planting, thoroughly and without damaging or displacing plants or soil.
2. Firming: Lightly firm soil around plants and fork and/ or rake soil, without damaging roots, to a fine tilth with gentle cambers and no hollows.
3. Top dressing: Mulching and top dressing system, as section Q28
 - 3.1. Depth: 50 mm

Planting trees

500 Tree planting

1. Standard: Prepare trees and transplant in accordance with BS 8545

505 Tree pits

1. Sizes: 75 mm deeper than root system and wide enough to accommodate roots when fully spread
2. Sloping ground: Maintain horizontal bases and vertical sides with no less than minimum depth throughout.
3. Excavated material: Separate topsoil and subsoil material and stockpile for backfilling
4. Pit bottoms: Excavate with slightly raised centre: Break up base to a depth of 200 mm.
5. Pit sides: Scarify.
6. Backfilling material: Excavated material from tree pit, installed to original soil profiles in accordance with BS 8545

535 Tree stakes

1. Stakes: Softwood, peeled chestnut, larch or oak, straight, free from projections and large or edge knots and with pointed lower end.
 - 1.1. Preservative treatment: To provide a 20 year service life
2. Stake size (minimum): 75 mm diameter
3. Stake length (minimum): 1500 mm

540 Single angled staking for

1. **Description:** STANDARD TREES
2. **Staking**
 - 2.1. **Position:** Close to tree position on windward or upslope side.
 - 2.2. **Tying position:** Approximately one third of the height of the clear stem of the tree to be planted.
 - 2.3. **Driving:** At an angle of 45° away from the tree position and at least 300 mm into bottom of pit before planting.
 - 2.4. **Backfilling:** Consolidate material around stake.
 - 2.5. **Firming:** Sufficiently firm to prevent movement of the rootball/ rootstock.
 - 2.6. **Excess length:** Cut off 200 mm above tree support position.
3. **Ties:** Biodegradable natural fibre
 - 3.1. **Number of ties:** One
4. **Tying:** Secure tree firmly but not rigidly to stake. Prevent tree from touching stake using spacer blocks or cushions if required.
5. **Nails:** To BS 1202-1, galvanized, minimum 25 mm long and with 10 mm diameter heads.

576 Tree pit surfacing – loose fill

1. **Surfacing material:** Mulch, as section Q28
2. **Area:** 600 mm radius circle
3. **Depth:** 75 mm
4. **Watering:** Water soil thoroughly before laying.
5. **Installation:** Ensure the base of the tree stem is kept free from loose filled material.

Woodland/ matrix/ buffer zone planting

600 Woodland work generally

1. **Services:** Check for below and above ground services, including land drainage, in the vicinity. Give notice if they may be affected and obtain instructions before proceeding.
2. **Safety:** Comply with Arboriculture and Forestry Advisory Group Safety leaflets.

605 Existing vegetation/ Weed clearance

1. **Surface vegetation clearance:** In areas shown on drawing As drawing 475-UW-T-002-Softworks and Tree Removal & Maintenance Plan, using suitable nonresidual herbicide
2. **Arisings:** Remove.

635 Notch planting in uncultivated ground

1. **Notching:** Make a vertical 'I', 'L', 'T' or 'H' notch.
 - 1.1. **Depth:** To accommodate full depth of roots.
2. **Planting:** Plant tree, close notch with root collar at ground level and firm the soil.

645 Planting in turf

1. **Preparation:** Cut and upturn a turf of minimum 500 mm square.
2. **Notching:** Make a vertical slit from the centre of the turf, to the side away from the prevailing wind.
 - 2.1. **Depth:** To accommodate full depth of roots.
3. **Planting:** Plant tree, close notch with root collar at ground level and firm the soil.

Protecting/ maintaining/ making good defects

710 Maintenance

1. Duration: Carry out the operations in the following clauses from completion of planting until the end of the rectification period.
2. Frequency of maintenance visits: In accordance with the agreed maintenance schedule

720 Failures of planting

1. Defects due to materials or workmanship not in accordance with the Contract: Plants/ trees/ shrubs that have failed to thrive.
 - 1.1. Exclusions: Theft or malicious damage after completion.
 - 1.2. Rectification: Replace with equivalent plants/ trees/ shrubs.
2. Replacements: To match size of adjacent or nearby plants of same species or match original specification, whichever is the greater.
3. Timing of making good: In accordance with an agreed defects rectification programme

740 Cleanliness

1. Soil and arisings: Remove from hard surfaces and grassed areas.
2. General: Leave the works in a clean tidy condition at completion and after any maintenance operations.

750 Planting maintenance generally

1. Weed control: Maintain weed free area around each tree and shrub.
 - 1.1. Diameter (minimum): The larger of 1 m or the surface of original planting pit.
2. Precautions: Ensure that trees and shrubs are not damaged by use of mowers, nylon filament rotary cutters and similar powered tools.
3. Firming up: Gently firm loosened soil around trees/ shrubs. Straighten leaning trees/ shrubs.
4. Trees: Spray crown when in leaf during warm weather.
 - 4.1. Timing: After dusk.
5. Tree accessories: Check condition of stakes, ties, guys, guards and irrigation and ventilation systems.
 - 5.1. Broken or missing items: Replace.
 - 5.2. Loose stakes: Re-firm in the ground or replace as necessary to provide support to the tree.
 - 5.3. Loose guys: Re-firm anchor points and adjust as necessary to provide support to the tree.
 - 5.4. Ties: Adjust to accommodate growth and prevent constriction or abrasion.
 - 5.5. Damage to bark: Cut back neatly with sharp knife. Prevent further damage.
 - 5.6. Frequency of checks: As schedule
6. Watering: As required for healthy establishment, depending on weather conditions

770 Woodland planting maintenance

1. Watering: Only as necessary to prevent plants wilting.
2. Loose plants: Refirm surrounding soil, without compacting.
3. Weed control: Cut down and remove weeds prior to setting seed in a 1 m diameter area around each tree.

790 Final mulching

1. Timing: At end of the maintenance period.

2. **Watering:** Ensure that soil is thoroughly moistened prior to remulching, applying water where necessary.
3. **Trees:** Remulch.
4. **Depth (minimum):** 75 mm

Ω End of Section

Q35

Landscape maintenance

Generally

105 Maintenance objectives

1. Location: Whole site
 - 1.1. Duration: 1 year
2. Aims: To ensure good establishment of planting, Provide wildlife habitat and increase biodiversity
3. Results: As scheduled

110 Notice

1. Give notice before
 - 1.1. Application of herbicide.
 - 1.2. Application of fertilizer.
 - 1.3. Watering.
 - 1.4. Each site maintenance visit.
2. Period of notice: Two days

130 Reinstatement

1. Damage or disturbance to soil structure, planting, grass, fencing, hard landscaping, structures or buildings: Reinstatement to original condition.

155 Watering

1. Supply: No site supply available; submit proposals
2. Quantity: Wet full depth of topsoil
3. Application: Do not damage or loosen plants.
4. Compacted soil: Loosen or scoop out, to direct water to rootzone.
5. Frequency: As schedule and when instructed

160 Water restrictions

1. General: If water supply is, or is likely to be, restricted by emergency legislation, submit proposals for an alternative suitable source of water. Obtain instructions before proceeding.

170 Disposal of arisings

1. General: Unless specified otherwise, dispose of arisings as follows:
 - 1.1. Biodegradable arisings: Remove to recycling facility
 - 1.2. Grass cuttings: Leave for two to three days after cutting and then remove
 - 1.3. Shrub and tree prunings: Remove to recycling facility
 - 1.4. Litter and nonbiodegradable arisings: Remove from site

181 Mechanical equipment

1. General: Minimize.
2. Timing: Use of mechanical equipment allowed between the hours of 10:00 am and 4:00 pm only

190 Litter

1. **Extraneous rubbish not arising from the contract work:** Collect and remove from site.

195 Protection of existing grass

1. **General:** Protect areas affected by maintenance operations using boards/tarpaulins. Do not place excavated or imported materials directly on grass.

197 Cleanliness

1. **Soil and arisings:** Remove from hard surfaces.
2. **General:** Leave the works in a clean, tidy condition at completion and after any maintenance operations.

Grassed areas

210 Performance-based maintenance of grassed areas

1. **General:** Maintain turf in a manner appropriate to the intended use.
In second and further years of grass area establishment, Do not undertake first cut of the year until June.
2. **Soil and grass**
 - 2.1. **Condition:** Maintain a healthy vigorous sward, free from disease, fungal growth, discolouration, scorch or wilt.
 - 2.2. **Waterlogging and compaction:** Prevent.
 - 2.3. **Damage:** Repair trampling, abrasion or scalping.
3. **Ornamental lawns:** Maintain reasonably free from moss, excessive thatch, weeds, frost heave, worm casts and mole hills.
 - 3.1. **Edges:** Neat and well defined, in clean, straight lines or smooth-flowing curves.
4. **Litter and fallen leaves:** Remove regularly to maintain a neat appearance.

211 Maintenance of grassed areas

1. **Standard:** To BS 7370-3. Carry out maintenance appropriate to each category of turf, as follows:
 - 1.1. **Objectives:** To BS 7370-3, Table 6.
 - 1.2. **Programme:** To BS 7370-3, clause 11.
 - 1.3. **Mowing methods:** To BS 7370-3, Table 3.

220 Grass cutting generally

1. **Before mowing:** Remove litter, rubbish and debris.
2. **Finish:** Neat and even, without surface rutting, compaction or damage to grass.
3. **Edges:** Leave neat and well defined. Neatly trim around obstructions.
4. **Adjoining hard areas:** Sweep clear and remove arisings.
5. **Drought or wet conditions:** Obtain instructions.

225 Tree stems

1. **Precautions:** Do not allow nylon filament rotary cutters and other mechanical tools closer than 100 mm to the stem of any tree. Complete operations close to stems using hand tools

309 Edges to seeded areas

1. **Location:** As drawing:475-UW-T-002 - Softworks and Tree Removal & Management Plan
2. **Timing:** After seeded areas are well established.

3. **Method:** Cut to clean, straight lines or smooth curves. Draw back soil to permit edging.
4. **Arisings:** Remove.

380 Reinstatement of damaged lawns

1. **Damaged turf:** Remove to a depth of 30 mm.
2. **Preparation:** Cultivate substrate to a fine tilth.
3. **Reinstatement:** Topsoiling and reseedling: The respective seed for the area.
 - 3.1. **Returfing:** Quality and appearance to match existing.
 - 3.2. **Reseeding:** Fill with fine topsoil to BS 3882 multipurpose class, free from stones, debris and weeds. Reseed with a seed mix to match existing grass in quality and appearance.
4. **Protection and watering:** Provide as necessary to promote successful germination and/ or establishment.

Flower beds/ seasonal beddings - Not Used

Shrubs/ trees/ hedges

500 Establishment of new planting

1. **Duration:** One year
2. **Weed control**
 - 2.1. **Method:** Keep planting beds clear of weeds by Use of suitable herbicides.
 - 2.2. **Area:** Maintain a weed-free area around each tree and shrub, minimum diameter the larger of 1 m or the surface of the original planting pit.
3. **Soil condition:** Fork over beds to keep soil loose, with gentle cambers and no hollows. Do not reduce depth or effect of mulch.
4. **Watering:** As schedule and when instructed

510 Tree stakes and ties

1. **Inspection/ maintenance times:** As scheduled and immediately after strong winds
2. **Stakes**
 - 2.1. Replace loose, broken or decayed stakes to original specification.
 - 2.2. If longer than half of clear tree stem height, cut to this height in spring. Retie to tree firmly but not tightly with a single tie.
3. **Ties:** Adjust, refix or replace loose or defective ties, allowing for growth and to prevent chafing.
 - 3.1. Where chafing has occurred, reposition or replace ties to prevent further chafing.
4. **Removal of stakes and ties:** During spring when no longer required to support the tree
 - 4.1. Fill stake holes with lightly compacted soil.

520 Refirming of trees and shrubs

1. **Timing:** After strong winds, frost heave and other disturbances.
2. **Refirming:** Tread around the base until firmly bedded.
3. **Collars in soil at base of tree stems, created by tree movement:** Break up by fork, avoiding damage to roots. Backfill with topsoil and refirm.

525 Tree guards

1. **Loose or defective guards:** Adjust, refix or replace to original specification and to prevent chafing.

570 Formative pruning of young trees

1. **Standard:** Type and timing of pruning operations to suit the plant species.
2. **Time of year:** Do not prune during the late winter/ early spring sap flow period.
3. **Young trees up to 4 m high**
 - 3.1. **Crown prune** by removing dead branches and reducing selected side branches by one third to preserve a well-balanced head and ensure the development of a single strong leader.
 - 3.2. **Remove duplicated branches** and potentially weak or tight forks. In each case, cut back to live wood.
4. **Whips or feathered trees:** Do not prune.
5. **Operatives:** Member of the Arboricultural Association

600 Trimming rapidly establishing hedges

1. **General:** Allow to reach planned height as rapidly as possible.
 - 1.1. **Form:** Trim back lateral branches moderately.

620 Removal of dead plant material

1. **Operations:** At the end of the growing season, check all shrubs and remove all dead foliage, dead wood, and broken or damaged branches and stems.

630 Dead and diseased plants

1. **Removal:** As soon as possible
2. **Replacement:** In the next suitable planting season

645 Weed control generally

1. **Weed tolerance:** At all times, weed cover less than 5% and no weed to exceed 100 mm high
2. **Adjacent plants, trees and grass:** Do not damage.

650 Hand-weeding

1. **General:** Remove weeds entirely, including roots.
2. **Disturbance:** Remove the minimum quantity of soil, and disturb plants, bulbs and mulched surfaces as little as possible.
3. **Completion:** Rake area to a neat, clean condition.
4. **Mulch:** Reinstate to original depth.

657 Herbicide to kill regrowth

1. **Type:** Suitable foliar-acting herbicide to kill regrowth.
2. **Timing:** Allow recommended period for herbicide to take effect before clearing dead weeds.

665 Weed control with winter herbicide

1. **Type:** Suitable residual soil-acting herbicide.
2. **Time of year:** Unless otherwise agreed, complete before end of March.
3. **Timing:** Allow recommended period for herbicide to take effect before clearing dead weeds.

670 Weed control with summer herbicide

1. **Type:** Suitable foliar-acting herbicide.
2. **Timing:** Allow recommended period for herbicide to take effect before clearing dead weeds.

690 Maintenance of loose mulch

1. Thickness (minimum): 50 mm
 - 1.1. Top up: Twice per year
2. Mulch spill on adjacent areas: Remove weeds and rubbish and return to planted area.
3. Weeding: Remove weeds growing on or in mulch by Hand-weeding.

710 Woodland planting maintenance

1. Watering: In exceptional circumstances to prevent plants dying.
2. Loose plants: Refirm surrounding soil, without compacting.

Green walls - Not Used

Tree work

815 Additional work

1. Defective, diseased, unsafe or weak parts of trees additional to those scheduled for attention: Give notice if detected.

Water areas - Not Used

Hard landscape areas/ fencing

930 Graffiti removal

1. Method: As appropriate for material with graffiti on.

Ω End of Section

Q50

Site/ street furniture/ equipment

Gates, barriers and parking controls - Not Used

Site and street furniture

220 Street and site seats Type B

1. Manufacturer: [Logic Manufactured Bespoke](#)
 - 1.1. Contact details
 - 1.1.1. Address: Pennine House
Hurricane Court
Stockton-on-Tees
North Yorkshire
United Kingdom
TS18 3TL
 - 1.1.2. Telephone: [+44 \(0\)1642 373400](tel:+44(0)1642373400)
 - 1.1.3. Web: www.logic-bespoke.com
 - 1.1.4. Email: specification@logic-bespoke.com
 - 1.2. Product reference: [Plateu Integrated Seating](#)
2. Length: 2380 mm.
3. Base: Attached to Gabion
4. Material: Class 2 UK grown timber.
5. Finish as delivered: Stainless steel.
6. Colours: Brown.
7. Accessories: None.
8. Style: Integrated seat.
9. Method of fixing: As drawing:475-UW-T-004/005-Furniture Details.

340 Limestone Boulders

1. Material: Limestone
2. Supplier: Longcliffe Quarries Limited
3. Approximate weight: 1-3 Tons
4. Finish: Flat Topped
5. Method of fixing: Laid on 150mm sub base with 1/3 of boulder beneath ground level. Infill with subsoil around boulder and seed.
6. Method of fixing when set in Self binding Gravel:: Laid on 150mm sub base with 1/3 of boulder beneath ground level. Infill with subsoil to meet sub base level of gravel and compact self binding gravel around the boulder.

341 Decorative Circular Feature

1. Artist: TBC
2. Material: Limestone
3. Supplier: Longcliffe Quarries Limited
4. Approximate size: 1m diameter
5. Finish: Flamed, Surface engraved with motif
6. Laid: Flush

7. Method of fixing: Laid on mortar and Sub Base as in Q20 with haunching.

Installation

510 Concrete foundations generally

1. Standard: To BS 8500-2.
2. Concrete: Standard prescribed, not less than ST3
3. Admixtures: Do not use.
4. Foundation holes: Neat vertical sides.
5. Depth of foundations, bedding, haunching: Appropriate to provide adequate support and to receive overlying soft landscape or paving finishes.

515 Setting components in concrete

1. Components: Accurately positioned and securely supported.
2. Concrete fill: Fully compacted as filling proceeds.
3. Concrete foundations exposed to view: Compacted until air bubbles cease to appear on the upper surface, then weathered to shed water and trowelled smooth.
4. Temporary component support: Maintain undisturbed for minimum 48 hours.

Ω End of Section



Specification created using NBS Chorus

Wirksworth Meadows
Matlock
SCHEDULE OF WORK
Prepared by
Urban Wilderness
01st February 2024

Urban Wilderness
7 Saw Mill Yard, Water Lane, Holbeck
Leeds
West Yorks
LS11 5WH

On behalf of
Wirksworth Town Council

Item		Description	Qty	Unit	Rate	Amount
1.00	A	<u>Preliminaries/General Conditions</u>				
1.01		Allow for all insurances, including of works, against injury to or death of persons and against damage to property and plant.		Item	Sum	
1.02		Allow for provision of site compound plus the provision of appropriate welfare facilities for site staff. Note: Site Compound location to be confirmed with client.		Item	Sum	
1.03		Allow for complying with Health and Safety requirements; including the provision of temporary fencing, signage and banksmen etc as necessary to secure the site and protect the public from site works.		Item	Sum	
1.04		The contractor to allow for temporary diversion of permitted rights of way through the site. Allow for pedestrian management required.		Item	Sum	
1.05		The contractor may allow here for any costs in connection with preliminary and general items that they wish to price separately from the measured works. Any costs not entered here shall be deemed to be included in rates and prices elsewhere. Note: The contractor is to develop construction programme to minimise inconvenience to residents. To be agreed with Landscape Architect.		Item	Sum	
Total for Preliminaries/General Conditions; Carry forward to collection:						

Item		Description	Qty	Unit	Rate	Amount
2.00	D20	<p><u>Excavating and site clearance</u></p> <p>Notes: Care should be taken to minimise damage to adjacent surfaces and features, where to be retained.</p> <p>All items to be removed are to be taken for disposal at a licensed tip or recycling off site. On site reuse/recycling of materials only as explicitly described in items or as agreed with landscape architect.</p> <p>Where a quantity of item is listed for retention and reuse on site, the exact section/area of material will need to be agreed prior to demolition/dismantling with the Landscape Architect on site.</p> <p><u>Existing Hard Surfaces</u></p>				
2.01		<p>Provisional item: Remove and dispose of area of self binding gravel and foundations to be replaced by paving</p> <p><u>Existing Planting</u></p>	7.4	m2		
2.02		Strip and dispose of vegetation where paths are to be installed.	980	m2		
2.03		<p>Remove vegetation in areas to be seeded, do not remove trees and shrubs. Remove and dispose of arisings.</p> <p><u>Excavation for Proposals</u></p> <p><u>Proposed paving:</u></p>	5964.9	m2		
2.04		<p>Excavate area to construction depth</p> <p><u>Proposed self binding gravel:</u></p>	86.6	m2		
2.05		<p>Excavate area to construction depth</p> <p><u>Existing areas of self binding gravel</u></p>	910.2	m2		
2.06		<p>Excavate edges of existing path to expose existing subbase or to ensure footpath is 3m wide.</p> <p><u>Excel Edging</u></p>	389.5	m2		
2.07		<p>Excavate trench to construction depth</p> <p><u>Timber Edging</u></p>	352.7	linear m		
2.08		<p>Excavate trench to construction depth</p> <p><u>Limestone Setts</u></p>	911.7	linear m		
2.09		<p>Excavate trench to construction depth</p> <p><u>Boulders</u></p>	442.7	linear m		
2.10		<p>Excavate trench to construction depth</p> <p><u>Swales & Basins</u></p>	30	no.		
2.11		<p>Clear of vegetation and excavate area to required levels</p> <p><u>Gabion benches and Gabion Amphitheatre Bench</u></p>	645	m2		
2.12		<p>Excavate area to construction depth</p> <p><u>Relocated Benches</u></p>	26.5	linear m		
2.13		Remove benches to be relocated	2	no.		
2.14		Excavate proposed area to construction depth	2	no.		
2.15		<p><u>Decorative Circular Feature</u></p> <p>Excavate area to construction depth</p>	1	no.		
Total for excavations and Site Clearance; Carry forward to collection:						

Item		Description	Qty	Unit	Rate	Amount
3.00		<u>Regrading/import of material</u>				
3.01		<u>Notes:</u> Minor regrading will be necessary to achieve desired finished levels and will be deemed to be included within items related to the excavation and construction of features. Cut and fill operation to achieve desired levels around proposed gabion benches, areas of soft and basins. All excavation costs to be included in the rates in schedule 2.0 Construction of foundations, haunching and joint filling to be included below.	1044.3	m2		
Total for Regrading/Import of material; Carry forward to collection:						
4.00	Q30	<u>Kerbs/Edgings</u>				
4.01		<u>Excel Edging</u> Supply and install as detailed. Allow for the supply and installation as appropriate to fit the arrangement.	352.7	linear m		
4.02	Q10/Q23	<u>Timber Edging</u> Note: Allow for tanalised timber stakes 450mmx50mmx50mm with 4 sided point at maximum of 1200mm centres Supply and install 150mmx25mm tanalised timber edging as detailed.	911.7	linear m		
Total for Kerbs/Edgings; Carry forward to collection:						
5.00	Q23	<u>Gravel</u>				
5.01		Supply and lay 150mm depth 6-10mm washed angular gravel Longcliffe Golconda Limestone Self Binding Gravel to existing gravel paths to extend width to 3m and proposed paths	1299.7	m2		
5.02	Q23	Allow for geotextile and 150mm Type 1. <u>Gravel Infill</u> Supply and lay 150mm depth 6-10mm washed angular Longcliffe Golconda Limestone Self Binding Gravel to existing gravel paths to make good.	117 (Provisional figure of 30% of existing area of gravel)	m2		
Total for Gravel; Carry forward to collection:						
6.00	Q25	<u>Slab/Sett Paving</u>				
6.01		<u>Limestone Paving</u> Allow for geotextile, 50mm bedding mortar, 150mm Type 1 and Ultrascap Rapid set mortar. Supply and install Buxton Architectural Stone LLP, 600mmx600mmx50mm Limestone Paver laid stretcher bond as detailed.	86.6	m2		
6.02		<u>Limestone Setts</u> Supply and install Buxton Architectural Stone LLP Limestone Setts, 100mmx100mmx50mm, laid in a running course as detailed. Allow for geotextile, 50mm bedding mortar, 150mm Type 1 and Ultrascap Rapid set mortar.	467	lm		
Total for Slab/Sett Paving; Carry forward to collection:						
7.00	Q50	<u>Concrete Base</u>				
7.01		Supply and install a concrete base of 150mm depth	14.7	m2		
		Allow for damp proof membrane, 150mm Type 1 and 30mm sand binding.				
Total for Concrete Base; Carry forward to collection:						

Item		Description	Qty	Unit	Rate	Amount
8.00		<u>Seeding/Turfing</u> Notes: All clearance costs to be included in the rates in schedule 2.0 Allow for all preparatory operations. Supply and plant the following in accordance with the specification.				
	Q30	<u>Meadow Seeding</u> Allow for all preparatory operations including: Scarify seed bed to ensure 50-90% bare ground Allow for application of selective herbicide where necessary. Water full depth of topsoil without displacing seed. Allow for contrasting coloured sand or sawdust to be mixed with seed Allow for racking and rolling of seedbed after seeding.	4210	m2		
8.01						
8.02		Supply and seed John Chambers Wildflower Mix: Heritage Wetland Area 80%	645	m2		
8.03		Supply and seed John Chambers Wildflower Mix:Pro basic 25 100% Wildflower	3569	m2		
	Q30	<u>Turf seeding</u> Allow for all preparatory operations including: Cultivate soil to produce a fine tilth and remove all stones and clay balls over 50mm in any direction. Water full depth of topsoil without displacing seed. Allow for application of selective herbicide where necessary.	2477	m2		
8.04						
8.05		Supply and seed Germinal WFG20 Eco Species Rich Lawn	2477	m2		
Total for Seeding/Turfing; Carry forward to collection:						

Item		Description	Qty	Unit	Rate	Amount
9.00		<u>External Planting</u> Note: All external planting to be carried out in the first planting season after practical completion. Note: Supply and Install of all external planting to be costed as a provisional item.				
	Q31	<u>Trees</u> Provisional Item: Allow for 50mm coarse bark mulch to all standard tree planting beds following planting operations. Provisional Item: Allow for mycorrhizal inoculant to be applied to all trees. Provisional Item: Allow for all trees to include rabbit protection and stakes & ties, standard trees to include clear plastic rabbit spirals	23 682 682	no. no. no.		
9.01		Provisional Item: Any needed topsoil is expected to be site won, an allowance should be made if imported topsoil is needed.	5	m3		
9.02		Allow for storage, ameliorants, inoculant, certification and herbicide treatment of site won topsoil.		item	Sum	
9.03		Acer campestre (2.5-3.0m height, 8-10cm girth, bareroot)	2	no.		
9.04		Betula pubescens (2.5-3.0m height, 8-10cm girth, bareroot)	1	no.		
9.05		Davidia involucrata (2.5-3.0m height, 8-10cm girth, rootballed)	1	no.		
9.05		Fagus sylvatica (3.0-3.5m height, 10-12cm girth, bareroot)	1	no.		
9.06		Malus domestica 'Arthur Turner' (1.75-2.00m height, 8-10cm girth, bareroot)	2	no.		
9.07		Malus domestica 'Cox's Orange Pippin' (1.75-2.00m height, 8-10cm girth, bareroot)	3	no.		
9.08		Malus domestica 'Discovery' (1.75-2.00m height, 8-10cm girth, bareroot)	2	no.		
9.09		Prunus avium (2.5-3.0m, 8-10cm, bareroot)	2	no.		
9.10		Prunus domestica 'Victoria' (1.75-2.0m, bareroot)	2	no.		
9.11		Quercus robur (3.0-3.5m, 10-12cm girth, bareroot)	3	no.		
9.12		Salix caprea (80-100cm height, bareroot)	1	no.		
9.13		Salix fragilis (2.5-3.0m height, 6-8cm girth, bareroot)	1	no.		
9.14		Sorbus aucuparia (2.5-3.0m height, 6-8cm girth, bareroot)	1	no.		
9.15		Ulmus 'Dodoens' (2.5-3.0m height, 8-10cm girth, bareroot)	1	no.		
9.16		Zelkova serrate (2.5-3.0m height, 6-8cm girth, bareroot)	1	no.		
	Q31	<u>Woodland Mix 1</u> Corylus avellana (60-90cm height, bareroot) Crataegus monogyna (60-80cm height, bareroot) Prunus spinosa (60-90cm height, bareroot) Quercus petraea (40-60cm height, container grown) Rosa canina (60-80cm height, bareroot) Salix caprea (60-90cm height, bareroot) Sorbus aucuparia (60-90cm height, bareroot) Ulmus 'dodoens' (60-80cm height, bareroot) Viburnum opulus (60-90cm height, bareroot)	31 3 6 16 6 12 16 13 6	no. no. no. no. no. no. no. no. no.		
	Q31	<u>Scrub Mix</u> Cornus sanguinea (45-60cm height, bareroot) Corylus avellana (45-60cm height, bareroot) Crataegus monogyna (60-90cm height, bareroot) Cytisus scoparius (30-45cm height, container grown) Ilex aquifolium (30-45cm height, container grown) Prunus spinosa (45-60cm height, bareroot) Rosa canina (45-60cm height, bareroot) Viburnum opulus (45-60cm height, bareroot)	49 81 61 33 45 33 33 73	no. no. no. no. no. no. no. no.		
	Q31	<u>Hedges</u> Fagus Sylvatica (60-80cm, bareoot)	45	no.		
	Q31	<u>Shrubs</u> Corylus avellana (80-100cm height, bareroot) Euonymus europaeus (60-80cm, bareoot) Viburnum lantana (60-80cm, bareroot)	92 2 2	no. no. no.		
Total for Planting; Carry forward to collection:						

Item		Description	Qty	Unit	Rate	Amount
10.0	Q30/Q31/Q35	<u>Landscape Maintenance</u>				
10.1		Provisional Item: For all newly seeded areas, if sown in autumn, cut seeded wildflower area to a height of 70-100mm in July the following year, and repeat every 2 months throughout the first summer.	6622	m2		
10.2		After planting: water, weed, litter pick and mulch planting areas. Visits shall occur at a minimum monthly, but shall be carried out as necessary to ensure the healthy establishment of planting and tidy the appearance of the site.	12	Visits		
10.3		Undertake a grass cut of existing grassland in late summer. Remove and dispose of arisings		Item		
Total for Landscape Maintenance; Carry forward to collection:						
11.0	Q50	<u>Street Furniture</u>				
		All excavation costs to be included in the rates in schedule 2.0 Construction of foundations, haunching and joint filling to be included below.				
		<u>Gabion Bench</u>				
		Construction of formation to be included in the rates below.				
11.01		Supply and install two gabion benches including: Logic plateau integrated seating, curved module stainless steel, class 2 UK grown hardwood; Gabion Baskets filled with Longcliffe 125-75mm Limestone.	14	linear m		
		<u>Gabion Amphitheatre Bench</u>				
		All excavation costs to be included in the rates in schedule:				
		Construction of formation to be included in the rates below.				
11.02		Supply and install gabion bench including: Logic plateau integrated seating, curved module stainless steel, class 2 UK grown hardwood; 100mmx100mmx50mm Gabion Baskets filled with Longcliffe 125-75mm Limestone.	12.5	linear m		
		<u>Relocation of existing benches</u>				
		Construction of formation to be included in the rates below.				
11.03		Relocate and install existing benches to detailed positions.	2	no.		
		<u>Limestone boulders</u>				
11.04		Provisional Item: Construction of formation and installation of flat topped, 1-3 ton limestone boulders from Longcliffe Quarry. Location to be approved by Landscape Architect	30	no.		
11.05		Provisional item: Supply of 1-3 ton limestone boulders from Longcliffe Quarry. Location to be approved by Landscape Architect	30	no.		
		<u>Decorative Circular Feature</u>				
		All excavation costs to be included in the rates in schedule: 2.0 Construction of foundation to be included in the rates below. Allow for geotextile, 50mm bedding mortar, 150mm Type 1 subbase.				
11.06		Supply and install 1m diameter, decorate circular limestone circle with surface engraved motif, laid flush.	1	no.		
Total for Street Furniture; Carry forward to collection:						

Item		Description	Qty	Unit	Rate	Amount
COLLECTIONS						
1.0	A	A PRELIMINARIES / GENERAL CONDITIONS	£			
2.0	D20	Excavating and site clearance	£			
3.0	D20	Regrading/import of material	£			
4.0	Q10	Kerbs/Edgings	£			
5.0	Q23	Gravel	£			
6.0	Q25	Slab/Sett Paving	£			
7.0	Q50	Concrete Base	£			
8.0	Q30	Seeding/Turfing	£			
9.0	Q31	External Planting	£			
10.0	Q35	Landscape Maintenance	£			
11.0	Q50	Street Furniture	£			
SUB TOTAL			£			
Add 10% contingency to be expended at the Landscape Architect's discretion			£			
GRAND TOTAL			£			

NON-COLLUSIVE TENDERING CERTIFICATE

We certify that this is a bona fide tender, and that we have not fixed or adjusted the amount of the tender by or under or in accordance with any agreement or arrangement with any other person. We also certify that we have not done and we undertake that we will not do at any time before the hour and date specified for the return of this tender any of the following acts:

- a. Communicating to a person other than the person calling for those tenders the amount or approximate amount of the proposed tender, except where the disclosure, in confidence of the approximated amount of the tender was necessary to obtain insurance premium quotations required for the preparation of the tender;
- b. Entering into any agreement or arrangement with any other person that he shall refrain from tendering or as to the amount of any tender to be submitted;
- c. Offering or paying or giving or agreeing to pay or give any sum of money or valuable consideration directly or indirectly to any person for doing or having done or causing or having caused to be done in relation to any other tender or proposed tender for the said work any act or thing of the sort described above.

In this certificate the word "person" includes any persons and any body or association corporate or uncorporate; and "any agreement or arrangement" includes any such transaction, formal or informal, and whether legally binding or not.

SIGNED

ON BEHALF OF

DATE

PREAMBLES TO THE SCHEDULES OF WORK

1. Attention is drawn to the Form of Tender, Conditions, Specifications and Drawings and these documents are to be read in conjunction with the Schedule of Quantities.
2. The prices and rates to be included are to be the full value of the work described including all profit, costs and expenses and all general risks, liabilities and obligations and protection to finished or partly finished work.
3. The Contractor shall be responsible for setting out the works. This shall be done in conjunction with and checked by the Contract Administrator.
4. All areas which cannot be dealt with by mechanical means are to be prepared by hand. The contractor is to include in his prices for and additional costs for complying with the foregoing whether specifically mentioned or not.
5. A price or rate shall be inserted against each item whether or not quantities are inserted. Items against which no price is entered are to be considered to be covered by other prices or rates included in the schedule of Quantities.
6. General directions and descriptions of works and materials are not necessarily given in the Schedule of Quantities. Reference must be made to the Specification and Drawings for this information.
7. No alteration may be made to the text of these schedules.
8. All dimensions quoted are to be finished dimensions. (Thicknesses and depths are to be taken as consolidated or finished measurements).
9. Any discrepancies found between Drawings, Specifications and/or schedules must be notified to the Landscape Architect prior to tendering as no additions or claims will be entered into once tender has been accepted.
10. Quantities in the schedule are those measured off the plans which form part of the Contract documents.
11. The Contractor shall allow in his rates for the disposal of all materials surplus requirements to Contractors' tips off site.
12. The employer does not bind themselves to accept the lowest, or any part of, or any quotation.

FORM OF TENDER

Tender for Wirksworth Meadows, Wirksworth
To Wirksworth Town Council

Dear Madam/Sir(s)

I/We having read the conditions of contract specification and schedules delivered to me/us and having examined the drawings attached thereto do hereby offer to execute and complete in accordance with the conditions of contract the whole of the works described within the period specified from the date of possession

for the sum of (figures) £ _____ - _____ p

(Words) _____ pounds _____ pence (EXCLUSIVE OF VAT)

This being a FIXED PRICE as set out in clause 4.10 JCLI Agreement for Landscape Works 2017 and JCLI 2020 Landscape Maintenance Works Contract.

I/We agree that should obvious pricing errors in arithmetic be discovered before acceptance of this offer in the priced schedules of quantity submitted by me/us these errors made in tendering may be rectified (prior to the contract being let) in accordance with JCT Tendering Practice Note 2012.

This tender remains open for consideration for 6 months from the date fixed for the submission of lodgement of tenders.

Dated this _____ day of _____ 20

Name

Address

Signature