

Improvment to Cemetery Yard - Thetford

15 Jul 2020

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A10 PROJECT PARTICULARS

£

110 The Project

Name:

Improvement to Cemetery Yard

Nature:

External works - Resurfacing & Fencing

Location:

Norwich Road Cemetery, Thetford

Length of contract:

6weeks

120 Employer (Client)

Name:

Thetford Town Council

Address:

The Carnegie, Thetford, IP24 2DS

Contact:

Roz Barnett

Telephone:

07553 388552

E-mail:

RosalindBarnett@thetfordtowncouncil.gov.uk

140 Architect/ Contract Administrator

Name:

Hamson Barron Smith Ltd

Address:

Townshend House, 30 Crown Road, Norwich, Norfolk, NR1 3DT

Contact:

Mark Payne

Telephone:

01603 227120

E-mail:

mark.payne@hamsonbarronsmith.com

150 Principal designer

Name:

as above

Address:

-

Contact:

-

Telephone:

-

E-mail:

-

A11 TENDER AND CONTRACT DOCUMENTS
110 Tender drawings

The tender drawings are:

103049/12

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120	Contract drawings The Contract Drawings: The same as the tender drawings.	£
160	Preconstruction information Format: The Preconstruction information is described in these preliminaries in Section A34. It refers to information given elsewhere in the preliminaries and other tender documents.	
A12 THE SITE/ EXISTING BUILDINGS		
110	The site Description: Public cemetery and works yard	
120	Existing buildings on/ adjacent to the site Description: Cemetery with chapel & carpark, works yard with toilet block	
140	Existing utilities and services Drawings: (Information shown is indicative only): Refer to tender documents Other information: None	
200	Access to the site Description: Via main vehicular entrance , and carpark Limitations: Yard accessed by arrangement	
210	Parking Restrictions on parking of the Contractor's and employees' vehicles: None	
220	Use of the site General: Do not use the site for any purpose other than carrying out the Works. Limitations: None	
230	Surrounding land/ building uses General: Adjacent or nearby uses or activities are as follows: Residential	
240	Health and safety hazards 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: Refer to tender documents 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. 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.	
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250 Site visit

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

Arrangements for visit:

Dept town clerk - see above details

£

A13 DESCRIPTION OF THE WORK**120 The works**

Description:

Resurfacing of Works Yard & Fencing

140 Completion work by others

Description:

Removal of segmental garage in works yard

A20 JCT MINOR WORK BUILDING CONTRACT (MW)**JCT MINOR WORKS BUILDING CONTRACT**

The Contract: JCT Minor Works Building Contract 2016 Edition.

Requirement: Allow for the obligations, liabilities and services described.

THE RECITALS**First The Works and the Contract Administrator**

The work comprises:

Resurfacing of Works Yard & Fencing

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 specification

Third Priced documents

Documents to be priced or provided by the Contractor:

Contract specification

ARTICLES**3 Architect/ Contract Administrator**

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:

14/7/20

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<p>Fifth Recital CDM Regulations The project is not notifiable.</p> <p>Article 7 Arbitration Article 7 and Schedule 1</p> <hr/> <p>Clause 2.2 Commencement and Completion Works commencement date: August/September 2020 Date for Completion: September/October</p> <p>Clause 2.10 Rectification period Period: 6-months from the date of practical completion.</p> <p>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</p> <p>Clauses 5.4A, 5.4B and 5.4C Insurance of the works, etc. - alternative provisions Clause 5.4C applies. Where clause 5.4A or 5.4B applies, percentage to cover professional fees: 15 per cent Where clause 5.4C applies, insurance arrangements - details of the required policy or policies: Works insured by Contractor, areas adjoining works by Employer</p> <p>Schedule 1 paragraph 2.1 Arbitration Appointor of Arbitrator (and of any replacement): President or a Vice president of the: The Royal Institution of Chartered Surveyors</p> <p>THE CONDITIONS</p> <p>Section 1: Definitions and Interpretation</p> <p>Section 2: Carrying out the Works</p> <p>Section 3: Control of the Works</p> <p>Section 4: Payment</p> <p>Section 5: Injury, Damage and Insurance</p> <p>Section 6: Termination</p>	<p>£</p>
<p style="text-align: right;">Total for page £</p> <p style="text-align: right;">To be carried forward to General Summary (page 33)</p>	

<p>Section 7: Settlement of Disputes</p> <p>EXECUTION The Contract: Will be executed under hand</p>	£
<p>A30 TENDERING/ SUBLETTING/ SUPPLY</p> <p>MAIN CONTRACT TENDERING</p> <p>110 Scope General: These conditions are supplementary to those stated in the Invitation to Tender and on the form of tender.</p> <p>145 Tendering procedure General: In accordance with NBS Guide to Tendering for Construction Projects. Errors: Alternative 2 is to apply.</p> <p>160 Exclusions Inability to tender: Immediately inform if any parts of the work as defined in the tender documents cannot be tendered. Relevant parts of the work: Define those parts, stating reasons for the inability to tender.</p> <p>170 Acceptance of tender 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. Costs: No liability is accepted for any cost incurred in the preparation of any tender.</p> <p>190 Period of validity Period: After submission or lodgement, keep tender open for consideration (unless previously withdrawn) for not less than 3-months Date for possession/ commencement: See section A20.</p> <p>PRICING/ SUBMISSION OF DOCUMENTS</p> <p>210 Preliminaries in the specification The Preliminaries/ General conditions sections (A10-A56 inclusive) must not be relied on as complying with SMM7/ NRM2.</p> <p>250 Priced schedules of work Alterations: Do not alter or qualify the priced schedules of work without written consent. Tenders containing unauthorised alterations or qualifications may be rejected. Measurements: Where not stated, ascertain from the drawings. Deemed included: Costs relating to items, which are not priced, will be deemed to have been included elsewhere in the tender. Submit: with tender</p>	
<p style="text-align: right;">Total for page £</p> <p style="text-align: center;">To be carried forward to General Summary (page 33)</p>	

310 Tender 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.	£
500 Tender stage method statements Method statements: Prepare, describing how and when the following is to be carried out: Civil engineering works Statements: Submit within one week of request	
515 Alternative time tenders 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. 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 products Details: If products of different manufacture to those specified are proposed, submit details with the tender giving reasons for each proposed substitution. Substitutions, which have not been notified at tender stage, may not be considered. Compliance: Substitutions accepted will be subject to the verification requirements of clause A31/200.	
550 Health and safety information 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. Include: - A copy of the health and safety policy document, including risk assessment procedures. - Accident and sickness records for the past five years. - Records of previous Health and Safety Executive enforcement action. - Records of training and training policy. - The number and type of staff responsible for health and safety on this project with details of their qualifications and duties. Submit: Within one week of request	
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570	<p>Outline construction phase health and safety plan</p> <p>Content: Submit the following information within one week of request:</p> <ul style="list-style-type: none"> - Method statements on how risks from hazards identified in the pre-construction information and other hazards identified by the contractor will be addressed. - Details of the management structure and responsibilities. - Arrangements for issuing health and safety directions. - Procedures for informing other contractors and employees of health and safety hazards. - Selection procedures for ensuring competency of other contractors, the self-employed and designers. - Procedures for communications between the project team, other contractors and site operatives. - Arrangements for cooperation and coordination between contractors. - Procedures for carrying out risk assessment and for managing and controlling the risk. - Emergency procedures including those for fire prevention and escape. - Arrangements for ensuring that all accidents, illness and dangerous occurrences are recorded. - Arrangements for welfare facilities. - Procedures for ensuring that all persons on site have received relevant health and safety information and training. - Arrangements for consulting with and taking the views of people on site. - Arrangements for preparing site rules and drawing them to the attention of those affected and ensuring their compliance. - Monitoring procedures to ensure compliance with site rules, selection and management procedures, health and safety standards and statutory requirements. - Review procedures to obtain feedback. 	£
599	<p>Freedom of Information</p> <p>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.</p> <p>Determination: Submit requests received. Do not supply information to anyone other than the project participants without express written permission.</p> <p>Confidentiality: Maintain at all times.</p>	

SUBLETTING/ SUPPLY

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645 'Listed' domestic subcontractors

£

General: Contract Documents provide that certain work must be carried out by a person of the Contractor's choice selected from a list of not less than three persons given therein.

The selected person: Will become a subcontractor as provided for in the Contract Condition for Subletting.

Additions to lists:

- The Employer or Employer's representative may, but only with the consent of the Contractor which shall not be unreasonably withheld, add additional person(s) to the list at any time prior to the execution of a binding subcontract agreement.

- The Contractor may, but only with consent, which will not be unreasonably withheld, add additional persons to the list and must, if requested, submit (in an approved form) evidence of the suitability of such additional person(s). Wherever possible, submissions for addition of person(s) must be made, and consent obtained, before return of the tender. When any submission for addition of person(s) is made with the tender the consequences, if any, to the tender price compared to the use of the listed persons are to be made clear or the tender will be treated as qualified.

Shortage of names: If at any time prior to execution of a binding subcontract agreement less than three persons named in the list (including any persons added as provided above) are able and willing to carry out the relevant work, give notice without delay. The Employer will then forthwith add the names of other persons as provided above so that the list comprises not less than three such persons, or confirm that no names will be added. If the Employer fails to do either within one week of the Contractor's notification the Contractor, who may subcontract in accordance with the Contract, must carry out the work.

Agreement: Before the start of work to which the list relates enter into a binding subcontract agreement and confirm that this has been done, giving the name of the selected subcontractor.

A31 PROVISION, CONTENT AND USE OF DOCUMENTS
DEFINITIONS AND INTERPRETATIONS
110 Definitions

Meaning: Terms, derived terms and synonyms used in the preliminaries/ general conditions and specification are as stated therein or in the appropriate British Standard or British Standard glossary.

120 Communication

Definition: Includes advise, inform, submit, give notice, instruct, agree, confirm, seek or obtain information, consent or instructions, or make arrangements.

Format: In writing to the person named in clause A10/140 unless specified otherwise.

Response: Do not proceed until response has been received.

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130	Products	<p>Definition: Materials, both manufactured and naturally occurring, and goods, including components, equipment and accessories, intended for the permanent incorporation in the Works.</p> <p>Includes: Goods, plant, materials, site materials and things for incorporation into the Works.</p>	£
135	Site equipment	<p>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.</p> <p>Includes: Construction appliances, vehicles, consumables, tools, temporary works, scaffolding, cabins and other site facilities.</p> <p>Excludes: Products and equipment or anything intended to form or forming part of the permanent works.</p>	
140	Drawings	<p>Definitions: To BSRIA BG 6 A design framework for building services. Design activities and drawing definitions.</p> <p>CAD data: In accordance with BS 1192.</p>	
145	Contractor's choice	<p>Meaning: Selection delegated to the Contractor, but liability to remain with the specifier.</p>	
155	Submit proposals	<p>Meaning: Submit information in response to specified requirements.</p>	
<div style="text-align: right;">Total for page £</div>			
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160 Terms used in specification

£

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 taking out and disposing of associated pipework, wiring, ductwork or other services.

Fix: Receive, unload, handle, store, protect, place and fasten in position and disposal of waste and surplus packaging including all labour, materials and site equipment for that purpose.

Supply and fix: As above, but including supply of products to be fixed. All products to be supplied and fixed unless stated otherwise.

Keep for reuse: Do not damage designated products or work. Clean off bedding and jointing materials. Stack neatly, adequately protect and store until required by the Employer/ Purchaser or for use in the Works as instructed.

Make good: Execute local remedial work to designated work. Make secure, sound and neat. Excludes redecoration and/ or replacement.

Replace: Supply and fix new products matching those removed. Execute work to match original new state of that removed.

Repair: Execute remedial work to designated products. Make secure, sound and neat. Excludes redecoration and/ or replacement.

Refix: Fix removed products.

Ease: Adjust moving parts of designated products or work to achieve free movement and good fit in open and closed positions.

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.

System: Equipment, accessories, controls, supports and ancillary items, including installation, necessary for that section of the work to function.

170 Manufacturer and product reference

Definition: When used in this combination:

- **Manufacturer:** the person or legal entity under whose name or trademark the particular product, component or system is marketed

- **Product reference:** the proprietary brand name and/ or identifier by which the particular product, component or system is described.

Currency: References are to the particular product as specified in the manufacturer's technical literature current on the date of the invitation to tender.

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200	Substitution of products Products: If an alternative product to that specified is proposed, obtain approval before ordering the product. Reasons: Submit reasons for the proposed substitution. Documentation: Submit relevant information, including: - manufacturer and product reference; - cost; - availability; - relevant standards; - performance; - function; - compatibility of accessories; - proposed revisions to drawings and specification; - compatibility with adjacent work; - appearance; - copy of warranty/ guarantee. Alterations to adjacent work: If needed, advise scope, nature and cost. Manufacturers' guarantees: If substitution is accepted, submit before ordering products.	£
210	Cross references Accuracy: Check remainder of the annotation or item description against the terminology used in the section or clause referred to. Related terminology: Where a numerical cross-reference is not given the relevant sections and clauses of the specification will apply. Relevant clauses: Clauses in the referred to specification section dealing with general matters, ancillary products and execution also apply. Discrepancy or ambiguity: Before proceeding, obtain clarification or instructions.	
220	Referenced documents Conflicts: Specification prevails over referenced documents.	
230	Equivalent products Inadvertent omission: Wherever products are specified by proprietary name the phrase 'or equivalent' is to be deemed included.	
240	Substitution of standards 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. Before ordering: Submit notification of all such substitutions. 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 Currency: References to published documents are to the editions, including amendments and revisions, current on the date of the Invitation to Tender.	
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260	Sizes General dimensions: Products are specified by their co-ordinating sizes. Timber: Cross section dimensions shown on drawings are: - Target sizes as defined in BS EN 336 for structural softwood and hardwood sections. - 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 Additional copies: Issued free of charge.	
440	Dimensions Scaled dimensions: Do not rely on.	
450	Measured quantities Ordering products and constructing the Works: The accuracy and sufficiency of the measured quantities is not guaranteed. Precedence: The specification and drawings shall override the measured quantities.	
460	The specification Coordination: All sections must be read in conjunction with Main Contract Preliminaries/ General conditions.	
DOCUMENTS PROVIDED BY CONTRACTOR/ SUBCONTRACTORS/ SUPPLIERS		
630	Technical literature Information: Keep on site for reference by all supervisory personnel: - Manufacturers' current literature relating to all products to be used in the Works. - Relevant British, EN or ISO Standards.	
640	Maintenance instructions and guarantees Components and equipment: Obtain or retain copies, register with manufacturer and hand over on or before completion of the Works. Information location: In Building Manual. Emergency call out services: Provide telephone numbers for use after completion. Extent of cover: office hours only	
A32 MANAGEMENT OF THE WORKS GENERALLY		
110	Supervision General: Accept responsibility for coordination, supervision and administration of the Works, including subcontracts. 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.	
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120	Insurance 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 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, the person named in clause A10/140 and the Insurers. Failure to notify: Indemnify the Employer against any loss, which may be caused by failure to give such notice.	
140	Climatic conditions Information: Record accurately and retain: - Daily maximum and minimum air temperatures (including overnight). - Delays due to adverse weather, including description of the weather, types of work affected and number of hours lost.	
150	Ownership 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 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: - Planning and mobilisation by the Contractor - Subcontractor's work. - Running in, adjustment, commissioning and testing of all engineering services and installations. - Work resulting from instructions issued in regard to the expenditure of provisional sums. - Work by others concurrent with the Contract. Submit one copy	
245	Start of work on site Notice: Before the proposed date for start of work on site give minimum notice of two weeks	
290	Notice of completion Requirement: Give notice of the anticipated dates of completion of the whole or parts of the Works. Associated works: Ensure necessary access, services and facilities are complete. Period of notice (minimum): Two weeks	
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310	Extensions of time 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. Details: As soon as possible submit: - Relevant particulars of the expected effects, if appropriate, related to the concurrent causes. - An estimate of the extent, if any, of the expected delay in the completion of the Works beyond the date for completion. - All other relevant information required.	£
420	Removal/ replacement of existing work Extent and location: Agree before commencement. Execution: Carry out in ways that minimize the extent of work.	
430	Proposed instructions Estimates: If a proposed instruction requests an estimate of cost, submit without delay and in any case within seven days.	
440	Measurement Covered work: Give notice before covering work required to be measured.	
450	Daywork vouchers Before commencing work: Give reasonable notice to person countersigning daywork vouchers. Content: Before delivery each voucher must be: - Referenced to the instruction under which the work is authorised. - Signed by the Contractor's person in charge as evidence that the operatives' names, the time daily spent by each and the equipment and products employed are correct. Submit: By the end of the week in which the work has been executed.	
470	Products not incorporated into the Works 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. Evidence: When requested, provide evidence of freedom of reservation of title.	

A33 QUALITY STANDARDS/ CONTROL

STANDARDS OF PRODUCTS AND EXECUTIONS

110	Incomplete documentation General: Where and to the extent that products or work are not fully documented, they are to be: - Of a kind and standard appropriate to the nature and character of that part of the Works where they will be used. - Suitable for the purposes stated or reasonably to be inferred from the project documents. 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.	
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120	Workmanship skills Operatives: Appropriately skilled and experienced for the type and quality of work. Registration: With Construction Skills Certification Scheme. Evidence: Operatives must produce evidence of skills/ qualifications when requested.	£
130	Quality of products Generally: New. (Proposals for recycled products may be considered). Supply of each product: From the same source or manufacturer. Whole quantity of each product required to complete the Works: Consistent kind, size, quality and overall appearance. Tolerances: Where critical, measure a sufficient quantity to determine compliance. Deterioration: Prevent. Order in suitable quantities to a programme and use in appropriate sequence.	
135	Quality of execution Generally: Fix, apply, install or lay products securely, accurately, plumb, neatly and in alignment. Colour batching: Do not use different colour batches where they can be seen together. Dimensions: Check on-site dimensions. Finished work: Without defects, e.g. not damaged, disfigured, dirty, faulty, or out of tolerance. Location and fixing of products: Adjust joints open to view so they are even and regular.	
140	Compliance Compliance with proprietary specifications: Retain on site evidence that the proprietary product specified has been supplied. Compliance with performance specifications: Submit evidence of compliance, including test reports indicating: <ul style="list-style-type: none"> - Properties tested. - Pass/ fail criteria. - Test methods and procedures. - Test results. - Identity of testing agency. - Test dates and times. - Identities of witnesses. - Analysis of results. 	
150	Inspections Products and executions: Inspection or any other action must not be taken as approval unless confirmed in writing referring to: <ul style="list-style-type: none"> - Date of inspection. - Part of the work inspected. - Respects or characteristics which are approved. - Extent and purpose of the approval. - Any associated conditions. 	
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160	Related work 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: - Appropriately complete. - In accordance with the project documents. - To a suitable standard. - In a suitable condition to receive the new work. Preparatory work: Ensure all necessary preparatory work has been carried out.	£
170	Manufacturer's recommendations/ instructions General: Comply with manufacturer's printed recommendations and instructions current on the date of the Invitation to tender. Changes to recommendations or instructions: Submit details. Ancillary products and accessories: Use those supplied or recommended by main product manufacturer. Agrément certified products: Comply with limitations, recommendations and requirements of relevant valid certificates.	
180	Water for the works Mains supply: Clean and uncontaminated. Other: Do not use until: - Evidence of suitability is provided. - Tested to BS EN 1008 if instructed.	
SAMPLES/ APPROVALS		
210	Samples Products or executions: Comply with all other specification requirements and in respect of the stated or implied characteristics either: - To an express approval. - To match a sample expressly approved as a standard for the purpose.	
220	Approval of products Submissions, samples, inspections and tests: Undertake or arrange to suit the Works programme. 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. Complying sample: Retain in good, clean condition on site. Remove when no longer required.	
230	Approval of execution Submissions, samples, inspections and tests: Undertake or arrange to suit the Works programme. 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. Complying sample: Retain in good, clean condition on site. Remove when no longer required.	
ACCURACY/ SETTING OUT GENERALLY		
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320 Setting out General: Submit details of methods and equipment to be used in setting out the Works. Levels and dimensions: Check and record the results on a copy of drawings. Notify discrepancies and obtain instructions before proceeding. Inform: When complete and before commencing construction.	£
330 Appearance and fit Tolerances and dimensions: If likely to be critical to execution or difficult to achieve, as early as possible either: - Submit proposals; or - Arrange for inspection of appearance of relevant aspects of partially finished work. General tolerances (maximum): To BS 5606, tables 1 and 2.	
340 Critical dimensions Critical dimensions: Set out and construct the Works to ensure compliance with the tolerances stated. Location: Detailed on drawings	
350 Levels of structural floors Maximum tolerances for designed levels to be: - Floors to be self-finished, and floors to receive sheet or tile finishes directly bedded in adhesive: +/- 10 mm. - Floors to receive dry board/ panel construction with little or no tolerance on thickness: +/- 10 mm. - Floors to receive mastic asphalt flooring/ underlays directly: +/- 10 mm. - Floors to receive mastic asphalt flooring/ underlays laid on mastic asphalt levelling coat(s): +/- 15 mm. - Floors to receive fully bonded screeds/ toppings/ beds: +/- 15 mm. - Floors to receive unbonded or floating screeds/ beds: +/- 20 mm.	
360 Record drawings 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 New or existing services: Comply with the Byelaws or Regulations of the relevant Statutory Authority.	
420 Water regulations/ byelaws notification 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. 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.	
<div>Total for page £</div> <div>To be carried forward to General Summary (page 33)</div>	

430	Water regulations/ byelaws contractor's certificate On completion of the work: Submit (copy where also required to the Water Undertaker) a certificate including: <ul style="list-style-type: none"> - The address of the premises. - A brief description of the new installation and/ or work carried out to an existing installation. - The Contractor's name and address. - A statement that the installation complies with the relevant Water Regulations or Byelaws. - The name and signature of the individual responsible for checking compliance. - The date on which the installation was checked. 	£
435	Electrical installation certificate Submit: When relevant electrical work is completed. Original certificate: To be lodged in the Building Manual.	
440	Gas, oil and solid fuel appliance installation certificate Before the completion date stated in the Contract: Submit a certificate stating: <ul style="list-style-type: none"> - The address of the premises. - A brief description of the new installation and/ or work carried out to an existing installation. - Any special recommendations or instructions for the safe use and operation of appliances and flues. - The Contractor's name and address. - A statement that the installation complies with the appropriate safety, installation and use regulations. - The name, qualification and signature of the competent person responsible for checking compliance. - The date on which the installation was checked. Certificate location: Building Manual	
445	Service runs General: Provide adequate space and support for services, including unobstructed routes and fixings. Ducts, chases and holes: Form during construction rather than cut. Coordination with other works: Submit details of locations, types/ methods of fixing of services to fabric and identification of runs and fittings.	
450	Mechanical and electrical services Final tests and commissioning: Carry out so that services are in full working order at completion of the Works. Building Regulations notice: Copy to be lodged in the Building Manual.	
SUPERVISION/ INSPECTION/ DEFECTIVE WORK		
525	Access 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. Designate: Contract Administrator	
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<p>530 Overtime working Notice: Prior to overtime being worked, submit details of times, types and locations of work to be done. - Minimum period of notice: Three days 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.</p> <p>540 Defects in existing work Undocumented defects: When discovered, immediately give notice. Do not proceed with affected related work until response has been received. Documented remedial work: Do not execute work which may: - Hinder access to defective products or work; or - Be rendered abortive by remedial work.</p> <p>560 Tests and inspections Timing: Agree and record dates and times of tests and inspections to enable all affected parties to be represented. Confirmation: One working day prior to each such test or inspection. If sample or test is not ready, agree a new date and time. Records: Submit a copy of test certificates and retain copies on site.</p> <p>580 Continuity of thermal insulation Record and report: Confirm that work to new, renovated or upgraded thermal elements has been carried out to conform to specification. Include: - The address of the premises. - The Contractor's name and address. - The name, qualification and signature of the competent person responsible for checking compliance. - The date on which the installation was checked. Submit: Before completion of the Works. Copy: To be lodged in the Building Manual.</p> <p>610 Defective products/ executions 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. Acceptability: Such proposals may be unacceptable and contrary instructions may be issued.</p>	<p>£</p>
<p>WORK AT OR AFTER COMPLETION</p>	
<p>Total for page £</p>	
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710	Work before completion General: Make good all damage consequent upon the Works. Temporary markings, coverings and protective wrappings: Remove unless otherwise instructed. Cleaning: Clean the Works thoroughly inside and out, including all accessible ducts and voids. Remove all splashes, deposits, efflorescence, rubbish and surplus materials. Cleaning materials and methods: As recommended by manufacturers of products being cleaned, and must not damage or disfigure other materials or construction. COSHH dated data sheets: Obtain for all materials used for cleaning and ensure they are used only as recommended by their manufacturers. 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. 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 General: Leave the Works secure with, where appropriate, all accesses closed and locked. 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 Remedial work: Arrange access with Employer Rectification: Give reasonable notice for access to the various parts of the Works. Completion: Notify when remedial works have been completed.	
A34 SECURITY/ SAFETY/ PROTECTION		
120	Execution hazards Common hazards: Not listed. Control by good management and site practice. Significant hazards: The design of the project includes the following: <ul style="list-style-type: none"> - Hazard: None identified - Precautions assumed: - - Specification reference: - - Drawing reference: - 	
Total for page £ To be carried forward to General Summary (page 33)		

130	Product hazards	£
	<p>Hazardous substances: Site personnel levels must not exceed occupational exposure standards and maximum exposure limits stated in the current version of HSE document EH40: Workplace Exposure Limits.</p> <p>Common hazards: Not listed. Control by good management and site practice.</p> <p>Significant hazards: Specified construction materials include the following:</p> <ul style="list-style-type: none"> - Hazard: Non identified - Material: - - Specification reference: - 	
140	Construction phase health and safety plan	
	<p>Submission: Present to the Employer/ Client no later than 1-week before commencement</p> <p>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.</p> <p>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/ Preconstruction information.</p>	
150	Security	
	<p>Protection: Safeguard the site, the Works, products, materials, and any existing buildings affected by the Works from damage and theft.</p> <p>Access: Take all reasonable precautions to prevent unauthorized access to the site, the Works and adjoining property.</p> <p>Special requirements: None</p>	
160	Stability	
	<p>Responsibility: Maintain the stability and structural integrity of the Works and adjacent structures during the Contract.</p> <p>Design loads: Obtain details, support as necessary and prevent overloading.</p>	
170	Occupied premises	
	<p>Extent: Existing buildings will be occupied and/ or used during the Contract as follows:</p> <p>All</p> <p>Works: Carry out without undue inconvenience and nuisance and without danger to occupants and users.</p> <p>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 allowed, provided that such overtime is authorized in advance.</p>	
200	Mobile telephones and portable electronic equipment	
	<p>Restrictions on use: None</p>	
		Total for page £
		To be carried forward to General Summary (page 33)

210	Safety provisions for site visits 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. Protective clothing and/ or equipment: Provide and maintain on site for visitors to the site.	£
340	Pollution Prevention: Protect the site, the Works and the general environment including the atmosphere, land, streams and waterways against pollution. Contamination: If pollution occurs inform immediately, including to the appropriate Authorities and provide relevant information.	
350	Pesticides Use: Not permitted.	
360	Nuisance Duty: Prevent nuisance from smoke, dust, rubbish, vermin and other causes. Surface water: Prevent hazardous build-up on site, in excavations and to surrounding areas and roads.	
370	Asbestos containing materials Duty: Report immediately any suspected materials discovered during execution of the Works. - Do not disturb. - Agree methods for safe removal or encapsulation.	
371	Dangerous or hazardous substances Duty: Report immediately suspected materials discovered during execution of the Works. - Do not disturb. - Agree methods for safe removal or remediation.	
375	Antiquities Duty: Report immediately any fossils, antiquities and other objects of interest or value discovered during execution of the Works. Preservation: Keep objects in the exact position and condition in which they were found. Special requirements: None	
380	Fire prevention Duty: Prevent personal injury or death, and damage to the Works or other property from fire. Standard: Comply with Joint Code of Practice 'Fire Prevention on Construction Sites', published by Construction Industry Publications and The Fire Protection Association (The 'Joint Fire Code').	
390	Smoking on site Smoking on site: Not permitted.	
400	Burning on site Burning on site: Not permitted.	
<div>Total for page £</div> <div>To be carried forward to General Summary (page 33)</div>		

410	Moisture	£
	<p>Wetness or dampness: Prevent, where this may cause damage to the Works.</p> <p>Drying out: Control humidity and the application of heat to prevent:</p> <ul style="list-style-type: none"> - Blistering and failure of adhesion. - Damage due to trapped moisture. - Excessive movement. 	
420	Infected timber/ Contaminated materials	
	<p>Removal: Where instructed to remove material affected by fungal/ insect attack from the building, minimize the risk of infecting other parts of the building.</p> <p>Testing: carry out and keep records of appropriate tests to demonstrate that hazards presented by concentrations of airborne particles, toxins and other micro organisms are within acceptable levels.</p>	
430	Waste	
	<p>Includes: Rubbish, debris, spoil, surplus material, containers and packaging.</p> <p>General: Minimize production. Prevent accumulations. Keep the site and Works clean and tidy.</p> <p>Handling: Collect and store in suitable containers. Remove frequently and dispose off site in a safe and competent manner:</p> <ul style="list-style-type: none"> - Non-hazardous material: In a manner approved by the Waste Regulation Authority. - Hazardous material: As directed by the Waste Regulation Authority and in accordance with relevant regulations. <p>Recyclable material: Sort and dispose at a Materials Recycling Facility approved by the Waste Regulation Authority.</p> <p>Voids and cavities in the construction: Remove rubbish, dirt and residues before closing in.</p> <p>Waste transfer documentation: Retain on site.</p>	
440	Electromagnetic interference	
	<p>Duty: Prevent excessive electromagnetic disturbance to apparatus outside the site.</p>	
460	Powder actuated fixing systems	
	<p>Use: Not permitted.</p>	
470	Invasive species	
	<p>General: Prevent the spread of species (e.g. plants or animals) that may adversely affect the site or Works economically, environmentally or ecologically.</p> <p>Special precautions:</p> <p>None</p> <p>Duty: Report immediately any suspected invasive species discovered during execution of the Works.</p> <ul style="list-style-type: none"> - Do not disturb. - Agree methods for safe eradication or removal. 	
<p style="text-align: right;">Total for page £</p> <p>To be carried forward to General Summary (page 33)</p>		

510	Existing services	<p>Confirmation: Notify all service authorities, statutory undertakers and/ or adjacent owners of proposed works not less than one week before commencing site operations.</p> <p>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.</p> <p>Work adjacent to services:</p> <ul style="list-style-type: none"> - Comply with service authority's/ statutory undertaker's recommendations. - Adequately protect, and prevent damage to services: Do not interfere with their operation without consent of service authorities/ statutory undertakers or other owners. <p>Identifying services:</p> <ul style="list-style-type: none"> - Below ground: Use signboards, giving type and depth; - Overhead: Use headroom markers. <p>Damage to services: If any results from execution of the Works:</p> <ul style="list-style-type: none"> - Immediately give notice and notify appropriate service authority/ statutory undertaker. - Make arrangements for the work to be made good without delay to the satisfaction of service authority/ statutory undertaker or other owner as appropriate. - Any measures taken to deal with an emergency will not affect the extent of the Contractor's liability. <p>Marker tapes or protective covers: Replace, if disturbed during site operations, to service authority's/ statutory undertakers recommendations.</p>	£
520	Roads and footpaths	<p>Duty: Maintain roads and footpaths within and adjacent to the site and keep clear of mud and debris.</p> <p>Damage caused by site traffic or otherwise consequent upon the Works: Make good to the satisfaction of the Employer, Local Authority or other owner.</p>	
530	Existing topsoil/ subsoil	<p>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.</p> <p>Protection: Before starting work submit proposals for protective measures.</p>	
540	Retained trees/ shrubs/ grassed areas	<p>Protection: Preserve and prevent damage, except those not required.</p> <p>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.</p>	
<p style="text-align: right;">Total for page £</p>			
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550	Retained trees Protected area: Unless agreed otherwise do not: - Dump spoil or rubbish, excavate or disturb topsoil, park vehicles or plant, store materials or place temporary accommodation within an area which is the larger of the branch spread of the tree or an area with a radius of half the tree's height, measured from the trunk. - Sever roots exceeding 25 mm in diameter. If unintentionally severed give notice and seek advice. - Change level of ground within an area 3 m beyond branch spread.	£
555	Wildlife species and habitats General: Safeguard the following: None identified Protected habitats and species: Upon discovery immediately advise. Do not proceed until instruction is received. Education: Ensure employees and visitors to the site receive suitable instruction and awareness training.	
560	Existing features 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. Special requirements:	
570	Existing work Protection: Prevent damage to existing work, structures or other property during the course of the work. Removal: Minimum amount necessary. Replacement work: To match existing.	
580	Building interiors Protection: Prevent damage from exposure to the environment, including weather, flora, fauna, and other causes of material degradation during the course of the work.	
630	Existing structures Duty: Check proposed methods of work for effects on adjacent structures inside and outside the site boundary. Supports: During execution of the Works: - 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. - Do not remove until new work is strong enough to support existing structure. - Prevent overstressing of completed work when removing supports. Adjacent structures: Monitor and immediately report excessive movement. Standard: Comply with BS 5975 and BS EN 12812.	
640	Materials for recycling/ reuse Duty: Sort and prevent damage to stated products or materials, clean off bedding and jointing materials and other contaminants. Storage: Stack neatly and protect until required by the Employer or for use in the Works as instructed.	
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A35 SPECIFIC LIMITATIONS ON METHOD/ SEQUENCE/ TIMING

£

130 Method/ sequence of work

Specific Limitations: Include the following in the programme:
To be discussed at pre-start meeting

160 Use or disposal of materials

Specific limitations:
On-site disposal of clean soil may be possible to save cost

170 Working hours

Specific limitations:
No restriction

A36 FACILITIES/ TEMPORARY WORK/ SERVICES
GENERALLY
110 Spoil heaps, temporary works and services

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

230 Temporary accommodation

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

310 Roads

Permanent roads, hard standings and footpaths on the site: The following may be used, subject to clause A34/520:

- Details:

All

- Restrictions on use:

None

- Protective or remedial measures:

Making good

340 Name boards/ advertisements

Name boards/ advertisements: Not permitted.

410 Lighting

Finishing work and inspection: Provide temporary lighting, the intensity and direction of which closely resembles that delivered by the permanent installation.

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420	Lighting and power Supply: Electricity from the existing mains may be used for the Works as follows: - Metering: Free of charge - Point of supply: TBC - Available capacity: TBC - Frequency: 50 Hz. - Phase: TBC - Current: Alternating. Continuity: No responsibility will be accepted for the consequences of failure or restriction in supply.	£
430	Water Supply: The existing mains may be used for the Works as follows: - Metering: Free of charge - Source: TBC - Location of supply point: TBC - Conditions/ Restrictions: TBC Continuity: No responsibility will be accepted for the consequences of failure or restriction in supply.	
440	Telephones Direct communication: As soon as practicable after the Date of Possession provide the Contractor's person in charge with a mobile telephone.	
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A37 OPERATION/ MAINTENANCE OF THE FINISHED WORKS

£

110 The building manual

Responsibility:

The Employer

Content: Obtain and provide comprehensive information for owners and users of the completed Works. Include an overview of the main design principles and describe key components and systems within the finished Works, so affording a complete understanding of the Works, including all buildings and their systems to enable efficient and safe operation and maintenance.

Specific requirements:

None

Format:

Electronic only

Number of copies:

1

Delivery to:

Employer by email. by (date)

Final completion

155 Content of the building manual

General: Details of the property, the parties, fire safety strategy, operational requirements and constraints of a general nature.

Building fabric: Design criteria, maintenance details, product details, and environmental and trafficking conditions.

Building services: Description and operation of systems, diagrammatic drawings, record drawings, identification of services, product details, equipment settings, maintenance schedules, consumable items, spares and emergency procedures.

Documentation: Guarantees, warranties, maintenance agreements, test certificates and reports.

A40 CONTRACTOR'S GENERAL COST ITEMS: MANAGEMENT AND STAFF
110 Management and staff

Cost significant items:

-

A41 CONTRACTOR'S GENERAL COST ITEMS: SITE ACCOMMODATION
110 Site accommodation

Details: Site accommodation required or made/ not made available by the Employer: See section A36.

Cost significant items:

-

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A42 CONTRACTOR'S GENERAL COST ITEMS: SERVICES AND FACILITIES

£

110 Services and facilities

Details: Services or facilities required or made/ not made available by the Employer: See section A36.

Cost significant items:

-

A43 CONTRACTOR'S GENERAL COST ITEMS: MECHANICAL PLANT
110 Mechanical plant

Cost significant items:

-

A44 CONTRACTOR'S GENERAL COST ITEMS: TEMPORARY WORKS
110 Temporary works

Details: Temporary works required or made/ not made available by the Employer: See section A36.

Cost significant items:

-

A54 PROVISIONAL WORK/ ITEMS
590 Contingencies

Provisional sum: Include:

£2000.00

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Signed _____

For and on behalf of _____

Date _____