



AMESBURY PAVILION

PRELIMS & SCHEDULE OF WORKS

SITE ADDRESS:
SCHEME:
DATE:

Amesbury Pavilion, Archer's way, Amesbury, SP4 7WQ
New workshop and Storage units to the west of the existing Pavilion
15/11/2023

Paul Stevens Chartered Architect

Amesbury Parish Council

Amesbury Workshop & Store

prelims

15-11-2023

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A10

Project particulars

Clauses

110 The Project

1. Name: Amesbury Community Workshop and store
2. Nature: As an adjunct to the Sports Pavilion
3. Location: The sports pitch Amesbury
4. Timescale for construction work: 4 months

120 Employer (client)

1. Name: Amesbury Town Council
2. Address: The Bowman Centre, Shears Drive, Amesbury. SP4 7XT
3. Contact: Wendy Bown
4. Telephone: 01980 622999
5. Email: townclerk@amesburytowncouncil.gov.uk

140 Architect/ contract administrator

1. Name: Paul Stevens Architecture Ltd
2. Address: Unit 3 Boathouse Meadow Business Park, Cherry Orchard Lane, Salisbury. SP2 7LD
3. Contact: Paul Stevens, Chloe Bickerstaff
4. Telephone: 01722 349384
5. Email: chloe@paulstevensarchitecture.co.uk

150 Principal designer

1. Name: Paul Stevens Architecture
2. Address: Unit 3 Boathouse Meadow Business Park, Cherry Orchard Lane, Salisbury. SP2 7LD
3. Contact: Paul Stevens
4. Telephone: 01722 349384
5. Email: paul@paulstevensarchitecture.co.uk

200 Consultants

1. Description: Structural Engineer
2. Name: JCP Structural Engineers & Civil Engineers
3. Contact: Kate Rogers
4. Address: Unit 7 Boscombe Centre Mills Way, Amesbury, Wiltshire, SP4 7SD
5. Telephone: 01980677722
6. Email: admin@jcpengineers.co.uk

Ω End of Section

A11

Tender and contract documents

Clauses

110 Tender drawings

1. The tender drawings are: 992/02, 03F, 04B, 05E, 06D, 07C, 09A, 10A. and structural drawings:- 164469/DA-SC01, 164469/001/P1, 164469/101/P1, 164469/101/P2, and Preliminary roof layout from Donaldson Timber Engineering.

120 Contract drawings

1. The contract drawings: 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 Paul Stevens Architecture Ltd.
2. The documents include: drawings , Building schedule, Specification and preliminaries.

Ω End of Section

A12

The site/ existing buildings

Clauses

110 The site

1. Description: Land adjacent to Amesbury cricket pavilion, Centenary Park, Archers Way, Amesbury.

120 Existing buildings on/ adjacent to the site

1. Description: The Cricket Pavilion

140 Existing utilities and services

1. Drawings: (Information shown is indicative only): 992/09.
2. Other information: The building is all electric.

200 Access to the site

1. Description: Access to site is off the carpark adjacent to the Cricket Pavilion.
2. Limitations: None
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: No restrictions

220 Use of the site

1. General: Do not use the site for any purpose other than carrying out the Works.
2. Limitations: For Construction of the building as tender documents.

230 Surrounding land/ building uses

1. General: Adjacent or nearby uses or activities are as follows:
 - 1.1. Public open space.

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. None.
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.

Ω End of Section

A13

Description of the work

Clauses

120 The works

1. Description: The building is a masonry building, 16415 x 12590mm, (73 X 56 bricks stretcher bond) with a truss rafter roof to the west of the cricket pavilion Archers Way Amesbury. The building provides storage units for sports equipment and grounds maintenance equipment plus storage for the town council. It also provides a workshop and club house for the local community. The construction is a brick and block construction with Eco-Therm cavity insulation within the cavity around the workshop. The remaining cavity walls are left empty. The roof is a slate roof to match the cricket pavilion. The external works are to have a Grasscrete between the pavilion carpark and the new building, plus path around the building.

Ω End of Section

A20 JCT minor work building contract (MW)

Clauses

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: A storage building and workshop
- 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: Drawings and 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: 27 November 2023

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 project is notifiable.

Sixth Recital - Framework agreement

- Framework agreement: Does not apply
- Details
 - Date:
 - Title:
 - Parties:

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 Provision 3 applies.
- Sustainable development and environmental considerations: Supplemental Provision 4 applies.
- Performance indicators and monitoring: Supplemental Provision 5 does not apply.
- Notification and negotiation of disputes: Supplemental Provision 6 does not apply. Where Supplemental Provision 6 applies, the respective nominees of the parties are:
 - Employer's nominee:
 - Contractor's nominee: TO BE COMPLETED BY CONTRACTOR
- Or such replacement as each party may notify to the other from time to time.

Article 7 - Arbitration

- Article 7 and Schedule 1 do not apply.

Clause 2.2 - Commencement and Completion

- Works commencement date: To be agreed
- Date for Completion: To be agreed

Clause 2.8 - Liquidated damages

- At the rate of 300 per calendar week or pro-rata thereto.

Clause 2.10 - Rectification period

- Period: Six months from the date of practical completion.

Clause 4.3 - Interim payments

- Interim Valuation Dates
 - The first Interim Valuation Date is: Four weeks after the start of works on site.
 - Thereafter at intervals of: Every four weeks there after.
- Payments due prior to practical completion
 - Percentage of total value of the work etc.: 95 per cent
- Payments becoming due on or after practical completion
 - Percentage of the total amount to be paid: 97½ per cent

Clause 4.3 and 4.8 - Fluctuations provision

- The following fluctuations provision applies: No fluctuations provision applies
- Where Schedule 2 applies, the percentage addition (paragraph 13) is 15%.

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

- Period: Three months from the date of practical completion.

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: 2,000.000

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

- Clause 5.4A 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:

Clause 7.2 - Adjudication

- The Adjudicator is:
- Nominating body: Royal Institute of British Architects.

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 Underhand.

Contract guarantee bond

JCT public sector supplement

- Document: The JCT Public Sector Supplement 2011 - Fair Payment, Transparency and Building Information Modelling.
- Fair Payment provisions Apply.
- Transparency provisions Apply.
- Building information modelling provisions Do not apply.

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 the principles of: Single stage tender.
2. Arithmetical errors: Pricing document is dominant.

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 3 months.
2. Date for possession/ commencement: See section A20.

Pricing/ submission of documents

210 Preliminaries in the specification

1. The Preliminaries/ General conditions sections (A10-A56 inclusive) must not be relied on as complying with SMM7/ NRM2.

250 Priced documents

1. Alterations: Do not alter or qualify the priced documents without written consent. Tenders containing unauthorized 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: Within one week of request Within one week of request

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.

440 Schedule of rates

1. Schedule of rates (unpriced): Included with the tender documents. The contractor may insert additional items. All items must be fully priced.

2. Fully priced copy
 - 2.1. Submittal date: within one week of request

510 Alternative method tenders

1. General: In addition to and at the same time as tendering for the Works as defined in the tender documents, alternative methods of construction/ installation may be submitted for consideration. Alternatives, which would involve significant changes to other work, may not be considered.
2. Alternative tenders: Such alternatives will be deemed to be alternative tenders and each must include a complete and precise statement of the effects on cost and program.
3. Safety method statement: Carry out a health and safety risk assessment for each alternative and where appropriate provide a safety method statement suitable for incorporation in the Health and Safety Plan.
4. Full technical data: Submit for each alternative together with details of any consequential amendments to the design and/ or construction of other parts of the Works.
5. Submit:

530 Substitute products

1. 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.
2. Compliance: Substitutions accepted will be subject to the verification requirements of clause A31/200.

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.

140 Drawings

1. Definitions: To BSRIA BG 6, 'A design framework for building services: Design activities and drawing definitions'.
2. CAD data: In accordance with ISO 19650.

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 coordinating 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. Additional copies: Issued free of charge.

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.

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.

650 Energy rating calculation

1. Calculation documentation
 - 1.1. Number of copies: Two
 - 1.2. Deliver to: Energy Performance Certificate Assessor and also lodged in the Building Manual.
- 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 program with each subcontractor, supplier, local authority and statutory undertaker, and obtain and supply information as necessary for coordination of the work.

115 Considerate Constructors Scheme

1. Registration: Before starting work, register the site and pay the appropriate fee.
2. Contact
 - 2.1. Address: Considerate Constructors Scheme Office, PO Box 75, Great Amwell, Ware, Hertfordshire, SG12 0YX.
 - 2.2. Tel: 01920 485959.
 - 2.3. Fax: 01920 485958.
 - 2.4. Free phone: 0800 7831423.
 - 2.5. Web: www.ccscheme.org.uk.
 - 2.6. E mail: enquiries@ccscheme.org.uk.
3. Standard: Comply with the scheme's Code of Considerate Practice.
 - 3.1. Minimum compliance level:

118 Vehicle safety requirements

1. Vehicle equipment: Ensure that all vehicles have the following:
 - 1.1. Audible alert to other road users to the planned movement of the vehicle when the vehicle's indicators are in operation.
 - 1.2. Prominent signage at the rear of the vehicle to warn cyclists of the dangers of passing the vehicle on the inside.
 - 1.3. Properly adjusted class VI mirror/s or Fresnel lens to eliminate the near side blind spot.
 - 1.4. Side under run guards.
2. Driver training
 - 2.1. Drivers must be trained on vulnerable road user safety through an approved course and hold a current valid Certificate of Competence.
 - 2.2. Drivers must have a valid driving license and be legally able to drive the vehicle.
3. Scheme membership: Submit evidence of registration with and accreditation to the Fleet Operator Recognition Scheme (FORS)
4. Level of accreditation: Silver
5. Submittal date: Within one week of request

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

210 Programme

1. Master program: Immediately when requested and before starting work on site submit in an approved form a master program for the Works, which must include details of:
 - 1.1. Planning and mobilization by the Contractor
 - 1.2. Subcontractor's work.
 - 1.3. Running in, adjustment, commissioning and testing of all engineering services and installations.
 - 1.4. Work resulting from instructions issued in regard to the expenditure of provisional sums.
 - 1.5. Work by others concurrent with the Contract.
2. Submit two copies.

245 Start of work on site

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

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 month
3. Location: Site
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): Architect

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

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.

450 Daywork vouchers

1. Before commencing work: Give reasonable notice to person countersigning daywork vouchers.
2. Content: Before delivery each voucher must be:
 - 2.1. Referenced to the instruction under which the work is authorized.
 - 2.2. 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.
3. Submit: By the end of the week in which the work has been executed.

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 program 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: Do not use until:
 - 2.1. Evidence of suitability is provided.
 - 2.2. Tested to BS EN 1008 if instructed.

Samples/ approvals

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.

350 Levels of structural floors

1. Maximum tolerances for designed levels to be
 - 1.1. Floors to be self-finished, and floors to receive sheet or tile finishes directly bedded in adhesive: +/- 10 mm.
 - 1.2. Floors to receive dry board/ panel construction with little or no tolerance on thickness: +/- 10 mm.
 - 1.3. Floors to receive mastic asphalt flooring/ underlays directly: +/- 10 mm.
 - 1.4. Floors to receive mastic asphalt flooring/ underlays laid on mastic asphalt levelling coat(s): +/- 15 mm.
 - 1.5. Floors to receive fully bonded screeds/ toppings/ beds: +/- 15 mm.
 - 1.6. Floors to receive unbonded or floating screeds/ beds: +/- 20 mm.

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.

435 Electrical installation certificate

1. Submit: When relevant electrical work is completed.

2. Original certificate: To be lodged in the Building Manual.

445 Service runs

1. General: Provide adequate space and support for services, including unobstructed routes and fixings.
2. Ducts, chases and holes: Form during construction rather than cut.
3. 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

1. Final tests and commissioning: Carry out so that services are in full working order at completion of the Works.
2. Building Regulations notice: Copy to be lodged in the Building Manual.

Supervision/ inspection/ defective 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.

570 Air permeability

1. Testing organization: UKAS accredited and registered with the Air Tightness Testing and Measurement Association (ATTMA) or the Independent Air Tightness Testing Scheme (iATS).
2. Method
 - 2.1. Pressure test in accordance with Good Practice Guide 268.
3. Standard
 - 3.1. Design airtightness value (maximum): $8 \text{ m}^3/(\text{h.m}^2)$.
4. Results
 - 4.1. Content: Include test results and all supporting data.
 - 4.2. Copies: Required for building control inspection and inclusion in building manual.
 - 4.3. Electronic deposit: Through the ATTMA lodgement database
 - 4.4. Additional copies: Provide on request.

580 Continuity of thermal insulation

1. Record and report: Confirm that work to new, renovated or upgraded thermal elements has been carried out to conform to specification. Include:
 - 1.1. The address of the premises.
 - 1.2. The Contractor's name and address.
 - 1.3. The name, qualification and signature of the competent person responsible for checking compliance.
 - 1.4. The date on which the installation was checked.
2. Submit: Before completion of the Works.
3. Copy: To be lodged in the building manual.

590 Resistance to passage of sound

1. Method: Robust standard details
2. Compliance: Submit results of testing
 - 2.1. Copies: Incorporate in the Building Manual.

595 Energy performance certificate

1. Assessment: Undertaken by a member of an approved accreditation scheme. Submit details of scheme name and evidence of qualifications when requested.
 - 1.1. Building Type: Non-dwelling
 - 1.2. Method: Simplified Building Energy Model (SBEM)
2. Format
 - 2.1. Certificate: To be incorporated in the Building Manual.
 - 2.2. Report:
3. Submit: Before the date for completion agreed

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 Architect.
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

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: Lifting and maneuvering large steel and timber work on site
 - 2.2. Precautions assumed: Suitable lifting equipment plus banks men as required.
 - 2.3. Specification reference: N/A
 - 2.4. Drawing reference: Structural drawings

130 Product hazards

1. 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'.
2. Common hazards: Not listed. Control by good management and site practice.
3. Significant hazards: Specified construction materials include the following:
 - 3.1. Hazard:
 - 3.2. Material:
 - 3.3. Specification reference:

140 Construction phase health and safety plan

1. Submission: Present to the employer/ client no later than Two weeks before contractor starts 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: Ensure all tools ,ladders etc are locked away every night before leaving the site.

160 Stability

1. Responsibility: Maintain the stability and structural integrity of the works and adjacent structures during the contract.
2. Design loads: Obtain details, support as necessary and prevent overloading.

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.

Protect against the following

330 Noise and vibration

1. Standard: Comply with the recommendations of BS 5228-1, in particular clause 7.3, to minimize noise levels during the execution of the Works.
2. Noise levels from the Works: Maximum level: 80 dB(A) when measured from Pavement on Archers Way.
3. Equipment: Fit compressors, percussion tools and vehicles with effective silencers of a type recommended by manufacturers of the compressors, tools or vehicles.
4. Restrictions: Do not use:
 - 4.1. Percussion tools and other noisy appliances without consent during the hours of Outside normal working hours.
 - 4.2. 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.

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.

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: None

380 Fire prevention

1. Duty: Prevent personal injury or death, and damage to the Works or other property from fire.

2. 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

1. Smoking on-site: Not permitted.

400 Burning on-site

1. Burning on-site: Not permitted.

410 Moisture

1. Wetness or dampness: Prevent, where this may cause damage to the Works.
2. Drying out: Control humidity and the application of heat to prevent:
 - 2.1. Blistering and failure of adhesion.
 - 2.2. Damage due to trapped moisture.
 - 2.3. Excessive movement.

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.

440 Electromagnetic interference

1. Duty: Prevent excessive electromagnetic disturbance to apparatus outside the site.

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.

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:

570 Existing work

1. Protection: Prevent damage to existing work, structures or other property during the course of the work.
2. Removal: Minimum amount necessary.
3. Replacement work: To match existing.

625 Adjoining property restrictions

1. Precautions
 - 1.1. Prevent trespass of workpeople and take precautions to prevent damage to adjoining property.
 - 1.2. Pay all charges.
 - 1.3. Remove and make good on completion or when directed.
2. Damage: Bear cost of repairing damage arising from execution of the Works.

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 6 people.

Temporary works

310 Roads

1. Permanent roads, hard standings and footpaths on the site: The following may be used, subject to clause A34/520:
 - 1.1. Details: Existing carpark
 - 1.2. Restrictions on use: contractors vehicles
 - 1.3. Protective or remedial measures: Regular cleaning

340 Name boards/ advertisements

1. General: Obtain approval, including statutory consents, and provide a temporary name board displaying:
 - 1.1. Title of project: Workshop and storage buildings
 - 1.2. Name of Employer: Amesbury Town Council
 - 1.3. Names of Consultants: Paul Stevens Architecture
 - 1.4. Names of Contractor and Subcontractors: To be confirmed
 - 1.5. Special requirements: None

Services and facilities

410 Lighting

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

420 Lighting and power

1. Supply: Electricity from the existing mains may be used for the Works as follows: Take supply from the boiler room of the cricket pavilion.
 - 1.1. Metering: Free of charge
 - 1.2. Frequency: 50 Hz.
 - 1.3. Current: Alternating.
2. Continuity: No responsibility will be accepted for the consequences of failure or restriction in supply.

430 Water

1. Supply: The existing mains may be used for the Works as follows: Take a supply from the cricket pavilion boiler house.
 - 1.1. Metering: Free of charge
2. Continuity: No responsibility will be accepted for the consequences of failure or restriction in supply.

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: 4
 - 1.2. High-visibility waistcoats to BS EN ISO 20471 Class 3. Number required: 4.
 - 1.3. Safety boots with steel insole and toecap to BS EN ISO 20345. Pairs 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

Generally

110 The building manual

1. Responsibility: The Contractor
2. 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.
3. Specific requirements: None
4. Format: Ring binder
5. Number of copies: 2
6. Delivery to: Client by (date) end of contract.

155 Content of the building manual

1. General: Details of the property, the parties, fire safety strategy, operational requirements and constraints of a general nature.
2. Building fabric: Design criteria, maintenance details, product details, and environmental and trafficking conditions.
3. 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.
4. Documentation: Guarantees, warranties, maintenance agreements, test certificates and reports.

Ω End of Section

**SCHEDULE OF WORKS - AMESBURY PAVILLION WORKSHOP & STORAGE
SECTION TWO
JOB NO. 992**

A PRELIMS

£ p

To be read with the following drawings:-

992/02, 992/02, 992/04, 992/05E, 992,06D, 992/07C, 992/09A, 992/10A

and structural drawings:-

164469/DA-SC01, 164469/001/P1, 164469/101/P1, 164469/101/P2

Preliminary, roof layout from Donaldson Timber Engineering

- a) Contractor to allow for overheads in connection with the prelims set out in the prelim document.
- b) Contractor to take all necessary measures to prevent dust and mud spreading onto the surrounding site and roads, and provide all necessary temporary security measures to protect the site for the duration of works.
- c) Contractor to provide all necessary health and safety requirements as set out in section A34.
- d) Contractor to lift manhole covers and ascertain location of nearest foul drain, and provide Architect with invert levels.
- e) Prior to and during works, the person carrying out the works is to liaise with and meet the requirements of the relevant Service Authorities, including the location and protection of all services as necessary.

B EXISTING SITE

Demolition and spot items

- a) Ground to be prepared for new works as described including location and alteration/modifications to all existing services as necessary, including sealing up, capping off, disconnecting, removing redundant services as necessary.
- b) Workforce welfare facilities i.e. wc to be provided by Contractor. Main Contractor to provide adequate project management and Co-ordination for the duration of the works.
- c) Contractor to allow for carting away debris.

C GROUNDWORKS

Excavating and filling

- a) Strip topsoil and set aside soil in pile for reuse when Grasscrete is laid.
- b) Excavate for foundations to building for a reinforced concrete slab, all in accordance with Structural Engineers drawings.
- c) Surplus soil, other than top soil, is to be carted away from site.
- d) Excavate drainage route which is shown indicatively on drawings, indicated on drawing 10A (external works drawing).

- e) Once drainage routes are confirmed on site, drains are to be laid, foul drainage to be 110mm diameter, UPVC pipework, running from disabled wc at a grade 1:40 to the first manhole, and from there 1:60. Pipework to be laid in peashingle. Where drainage is to pass through foundation, a lintel is to be provided over the drain. However, if the drain is within 300mm of the underside of the concrete slab, this is to be encased in concrete and to have a compressible material of 13mm thick board which should be provided around each spigot in the pipework. This should be at no greater than 5m intervals. The concrete encasing of pipework all around the drain pipework and underneath slab is to be a minimum of 100mm all around.

D IN SITU CONCRETE/LARGE PRECAST CONCRETE

In Situ Concrete

- a) Concrete formwork for a raft foundation is to be constructed on top of the minimum 150mm, well consolidated hardcore as section drawing to the approval of the building inspector.
- b) Reinforcement bars to be fitted in accordance with Structural Engineers drawings prior to pouring and then slab to be poured using concrete mix RC35 as specified by the Structural Engineer.

E MASONRY

Precast concrete sills/lintels

- a) Masonry below walls to be 7kN Blocks to a minimum of 75mm below ground level. All brickwork above this level to be blue engineering bricks up to DPC level. Above DPC level, the external walls are to be constructed of a red brick to match the Pavillion. Internal walls to be 3.5kN. Insulating concrete block. Cavity is to have 90mm ecotherm cavity insulation where the walls are encasing the heated envelope. Where they are not in the heated envelope ie. the stores, walls are to be left uninsulated.

Build walls upto eaves height.

- b) Contractor to allow for steel lintels on concrete pad stones to shutters and propriety lintelsto windows.
- c) Internal wall facing garages to be ordinary dence concrete blocks with a fairface suitable for decorating.

F STRUCTURAL/CARCASSING METAL/TIMBER

Carpentry/timber framing/first fixing

- a) Contractor to allow for a timber truss rafter as the engineers drawing showing suggested sizes from Donaldson Timber Engineering.
- b) Contractor to allow for timber rafters fixed to 50 x 100mm timber with bat truss clips and fixed to the walls with straps. Allow for all cross bracing and strapping as specified by Structural Engineer.
- c) Allow 75 x 50mm soft wood stud partitions to disabled toilet as drawing 992-05D with 9mm stirling board lining to allow for fixing etc.
- d) Allow for boxing out around window lintels in workshop area using 50 x 50mm timber batens in order to fix plasterboard.

G ROOFING

- a) Allow for a slate tile roof in artificial slates to match the cricket pavillion roof.
- b) Allow for 10 No. in-line, photovoltaic panels mounted on the south roof. Final specification to be agreed with client.

H LININGS/SHEATHING/DRY PARTITIONING Plasterboard dry linings/partitions/Ceilings

- a) Allow for 15mm fireboard taped and skim to timber ceiling joists in workshop, store and garage.
Allow for 12.5mm plasterboard on dabs to all internal walls to workshop with the exception of the stud wall to wc. Contractor to allow for rockwall sound batts between the studs to wc.
- b) Internal timber stud work to be lined with stiring board on both sides before fixing 12mm plasterboard on both sides.

I WINDOWS/DOORS/STAIRS Doors/shutters/hatches

- a) All windows to be double glazed, external quality UPVC, with trickle vents fitted to all windows. All windows to have a maximum u-value of 1.6 watts per m2k. Window to the wc to have obscured frosted glass.
- b) Allow for all windows to have roller shutters for security reasons to match those fitted to the Pavillion.
- c) Pack all gaps with Rockwood and seal all edges both internally and externally with a suitable mastic.
- d) Supply & fit new internal doors as shown on the drawings.
- e) Doors and adjacent sidelights/windows in critical locations within 1500mm of ground and floor level, and 300mm of doors and windows within 800mm of floor/ground to be safety glazed to: BS EN 12150, BS EN 14179, BS EN 14449. Safety glazing must comply with the new system of marking which requires visible and clear and indelible markings on each piece of safety glazing within critical locations in compliance with: BS EN 12150, BS EN 12150, BS EN 14179, BS EN 14449
- f) Roller shutters from Wessex Industrial Doors, or similar, electrically operated, galvanised steel shutter operated by key switch fitted externally.

J SURFACE FINISHES Cement based levelling/wearing screeds

- a) Overlay new ground bearing slab in the workshop with 75mm EcoTherm Eco-Versal floor insulation with 20mm reduced thickness to perimeters, polythene seperating membrane as previously specified and provide & lay 75mm thick sand & cement screed.

K ELECTRICAL WORKS

- a) In toilet provided 3 LED downlighter Reference 96242240 ceiling surface light as Item (1) with PIR sensor.

- b) Provide and fix LED strip lights to all areas as marked on 992/09.
- c) In toilet: provide and fix 1 No. emergency call pull-cord with light fixed above door, position to be agreed with Architect. The reset switch to be positioned adjacent to toilet door.
- d) In toilet: provide and fix wall mounted ducted fan, operated by light with adjustable run-on period, connected to 110mm diameter UPVC duct. Provide double pole isolation switch at high level inside toilet. Fan to provide minimum 15 litres/second extract.
- e) Provide and fix twin 13 amp switched socket outlets as drawing 09A with satin stainless-steel cover plate, in kitchenette, with RCD protection.
- f) Provide and fix double pole fused spurs with neon indicator: to all fixed power tools provided by the local authority. For tendering purposes allow for 1 supply for each of the six power tools shown on the drawing.
- g) In toilet: provide and fix 1 No. 600mm long wall mounted tubular heater under toilet cistern, with frost-stat protection. In the workshop allow for 2 dimplex Q-RAD150 RF electric radiators.
- h. 1 No. Aristan, or similar, 15 litre multipoint water heater, together with associated pressure vessel and fittings. Provide 15mm dia copper hot water feed to kitchen sink and toilet basin.

L PLUMBING WORKS

- a) In toilet: provide and fix Twyford's, or similar, DOC M pack sanitary ware in white with dark blue grab rails. Fix in accordance with part M of the Building Regulations.
- b) Feed for water taken from the incoming in the pavillion.
From stopcock position: provide and fix 15mm diameter copper feed to: -
 - a) 1 No. sink in kitchenette
 - b) 1 No. water heater (Specified in electrical)

M Rubber/plastics/cork/lino/carpet/ tiling/sheeting

- a) Prepare floor screed in the workshop and disabled toilet with a latex screed ready for Altro Classic 25 colour Anvil. Covings details with Altro Cove former in WC only.

Painting/clear finishing

- a) Make good all internal walls, both internal blockwork and plaster, together with ceilings, ready to receive decoration. All new plaster walls and ceilings skim coat and prepared ready for decoration.
- b) Walls of workshop and garages to be painted mist and two top coats of Dulux silk. Colour White.
- c) Ceilings mist and two top coats of Dulux Matt. Colour white.
- d) Floor paint to garage floor to be 'Two pack High Build poxy Garage Floor Paint' from Regal Paints.

- e) Joinery in worktop two topcoats of Dulux trade gloss white.

N FURNITURE/EQUIPMENT
General fittings/furnishings/equipment

Kitchen:

- a) Allow for Howden's Kitchen Range
Clerkenwell Gloss Dove Grey
Worktop square edge grey concrete effect laminate worktop
Single bowl inset stainless steel sink
Polished chrome effect mixer taps and waste kit package

Sanitary appliances and fittings

WC:

- a) Provide and fix Twyford or similar
Dock M pack sanitary ware in white with dark blue handrails etc.
Fix in accordance with Part M of the Building Regs.

O BUILDING FABRIC SUNDRIES
Sundry insulation/proofing work

- a) Roof insulation 150mm Rockwood insulation over all the ceilings with a further 150mm over the workshop running at 90 degrees to the first layer.
- b) Between 75 x 50mm at 600mm centres stud wall. Allow for 75mm Rockwool RWA45 sound insulation between studs.

Unframed isolated trims/skirtings/sundry items

- a) Skirtings to be 150 x 19mm bull nosed skirting, primed ready for painting in workshop.
- b) Door architraves 50 x 19mm bull nosed, primed ready for painting.

Ironmongery

- a) Ironmongery to be agreed with client but finished in brushed stainless steel.
- b) Allow for 1.5 pair SS hinges to internal WC door, indicator bolt and handle.
- c) Allow for euro locks to external doors.

Trenches/pipeways/pits for buried engineering services

- a) Storm drainage for rainwater to run into the existing storm drainage system, as drawing 10.
- b) Foul drainage to ideally run into manhole marked 16:80 on drawing 10A. Foul drains to be Hepworth or similar approved.

Holes/chases/covers/supports for services

- a) All existing manholes highlighted on drawing 10 are to have their covers changed to heavy duty covers. The collars around the new manhold covers are to have 300mm thick concrete collars.

P PAVING AND HARD LANDSCAPING

- a) The hard landscaping in front of the blocks are to be laid in front of the garage is grasscrete paving system. The grasscrete blocks are to be laid in front of the garage doors in accordance with the manufacturer's specification and as set out in drawing 10.
- b) The ramp to the workshop door to be concrete with a 1:15 slope with a DDA compliant platform in front of doors. Concrete to have a brushed aggregate finish.

Q DISPOSAL SYSTEMS

- a) Below ground drainage system is to be Hepworths plastic drainage system, or similar, approved with Aco drainage system in front of doors. See section D.
- b) Internal drainage above ground to be Varin Osma System, or similar approved.
- c) Rainwater goods to be deep flow power coat aluminium, vented resistant gutter

R MISCELLANEOUS

- a) Allow a 5% contingency

Carried forward

ADDITIONAL WORKS

This section is provided for the contractor's benefit to enable him to indicate items shown on drawings or described in the specification or ascertained from his site visit but which are not specifically identified in the Schedule of Works but which will be required in order to provide a complete job.

ITEM NO	DESCRIPTION	COST
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Total to Summary

£