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SPECIFICATION

ADAMSTOWN COMMUNITY COLLEGE

Station Road, Adamstown, Lucan, Co Dublin K78 WP89 /

Proposed Science Room

CONTRACT: New Government Short Public Works Contract
(Ref. PW-CF6 - V1.11 to V1.12)

5% retention for 12 months.

INSURANCE : Contractor to have the following cover:-

Public Liability	:	€6.5 million
Employer's Liability	:	€13.0 million
Motor, 3 rd Party & Property Damage	:	€0.4 million
All Risks : Full cost of proposed work including VAT.		

(Full insurance policies will be required by Dublin Dún Laoghaire ETB before placing the Contract.)

SAFETY : Please note, that under the Safety, Health & Welfare at Work (Construction) Regulations 2006, you will be required to act as Project Supervisor for the Construction Stage and must be in a position to confirm your competence for this.

The Contractor shall include for complying with the Safety, Health & Welfare at Work Acts and Regulations current at the date of tender.

The Contractor shall be appointed by the client under a collateral agreement to the main contract as Project Supervisor for the Construction Stage in respect of the project pursuant to the Safety, Health & Welfare at Work (Construction) Regulations 2006. The Contractor shall include all costs for the provision of the services of Project Supervisor for the Construction Stage pursuant to Regulations 6 and 7 of the Regulations.

The Contractor shall include for procuring that the insurance cover required to be obtained and maintained by the Contractor pursuant to Clauses 21 and 23(b) of the main contract shall provide indemnity in respect of any claim for bodily injury or property damage which the Contractor may incur by reason for the performance of the functions and duties of the Project Supervisor for the Construction Stage of the project.

The Contractor shall include for providing all necessary information as requested by the Project Supervisor for the Construction Stage to enable the preparation and completion of the Safety File excluding drawings and specifications which shall be provided by the appropriate member of the design team and relevant nominated sub-contractors.

(Please note that Practical Completion Cert will not be issued until the Safety File is handed over.)

(1) Safety Plan to be prepared and issued to Architect.

(2) On completion, Safety File to be prepared and issued to Architect.

STANDARDS :

All building materials and products are to be certified as CE Standard.

Workmanship to be of the highest standard and to satisfy the Architect's requirements.

ROOF WORK SAFETY:

All roof work to be carried-out, must fully comply with the HSA Code of Practice for Safety in Roof Work.

ELECTRICAL:

To be carried-out by a Registered specialist company. Work to comply with the latest Rules of the Electro Technical Council of Ireland.

CONSTRUCTION: Unless otherwise stated, construction to be as set out in the Home Bond House Building Manual, 7th Edition.

TAX CLEARANCE : The Contractor must have a C2 Tax Clearance form.

SCOPE OF WORKS: Everything shown on the drawings and included in the Specification as well as everything needed for the proper completion of the work is to be included in the tender.

GENERAL DESCRIPTION :

PROGRAMME: Start 4 August '26
Complete 11 Sept '26

ASBESTOS: Have a RDAS-type asbestos survey carried-out and sent to the Architect before work starts.
(Do not proceed until this has been considered.)

ACCESS: From rear of College to proposed Science Room on First Floor.

TOILET: Contractor to provide "Portaloo" toilet.

The work consists of the following:

- (1) Builder's work.
- (2) Supply and installation of Science Room fittings.
- (3) Water, Drainage & Heating services – (see Specification attached).
- (4) Gas services – (see Specification attached).
- (5) Electrical services – (see Specification attached).
- (6) Floor finish.
- (7) Decoration.

(1) BUILDER'S WORK: (see Drawing. 13)

- Disconnect services and remove existing fittings.
Dispose of fittings to a licenced Recycling Centre.
- Disconnect lights and other fittings and take down suspended ceiling in Art Room on Ground Floor below. Fit new ceiling and re-flit lights and fittings on completion.

- Take down wall and folding partition shown on Drawing.
Save door and frame and refit in new location.
Build-up opening to corridor in 200 concrete blockwork.
- Retain folding door, one door and frame and ceiling tiles from Art Room and hand over to Caretaker.
- Form holes in floor of Science Room as described on Drawing.
Have survey carried out to find location of reinforcing steel in floor slab (BHP Laboratories, Limerick, Email: enquiries@bhp.ie).
- Retain existing ducts in corners and make good.
- Allow for 6 no. 100 dia. holes and 30 no. 50 dia. holes.
- Line external walls with 20 thick insulation board with impact resistant plastic lining, skimmed. New wider reveals and cills to be fitted, similar to existing.
- (Check existing vinyl flooring for possible asbestos in adhesive.)

Remove existing vinyl and adhesive.

Grind floor down to concrete. (If asbestos is contained, this work is to be carried-out by an asbestos removal and disposal specialist.)

Lay epoxy screed and 300mm sheet Marmoleum.

Fit 140x20 bullnose skirting.

(2) SCIENCE ROOM FITTINGS:

- To be constructed as shown in attached TGD detail drawings including all details.
- Carcases of 20 moisture resistant MDF.
- Worktops of acid-resistant laminate, post formed, roll edge, 40 bull nosed material, faced and edged in high pressure laminate grade HGS(EN438).
Balancing laminate to be provided in accordance with BS4965. Core material to be high density chipboard to ISEN312-3 Type P3 Class EI.
- Carcases, doors and fittings to be of the best quality and capable of heavy-duty use.

Provide and fit the following Fittings:

- Teaching wall unit.
- 5 student's science pedestals.
- 1 accessible students' pedestal.
- Worktop with base units 3600 long.
- Worktop with base units 2400 long.
- High level units 3600 long.

- High level units 2400 long.
- 2 Belfast sinks.
- Shelving in Prep Room.
- Base unit with sink and wall units in Prep Room.
- Storage press in Prep Room 3500x600.

Place and install the following schedule of items (to be supplied by DDLeib).

<u>Description</u>	<u>Number</u>
Whiteboard 1200 x 1200	3
Student's Project Table	11
Height adjustable Worktop	1
Teacher's Chair	1
Height adjustable Moveable Teaching Desk	1
Fume Cupboard	1
Storage Press 900 x 45 x 1600	1
Tray Storage System 700 x 740 (non-standard size)	2
Filing Cabinet	1
Storage Tray Trolley	1
Dishwasher	1
Fridge/freezer 600 x 600	1

(3) **WATER, DRAINAGE & HEATING SERVICES:**

Detailed Specification attached.

(4) **GAS WORK:**

- The work must be carried out by a Registered Gas Installer (RGI) and the nomination approved by the Architect.
- The gas works must comply with IS820 (non-domestic gas installation).
- After completing the work, the RGI must provide a Declaration of Conformance (DOC) Certificate.

Detailed Specification attached.

(5) ELECTRICAL WORK:

- The work must be carried out by a company which is registered with Safe Electric and the nomination approved by the Architect.
- The work must comply with the latest Rules of IS110101, National Rules for Electrical Installation.
- After completing the work, the Contractor must issue a Completion Certificate.

Detailed Specification attached.

(6) FLOOR:

- Uplift all existing floor covering and removal all traces of adhesive residue, dust, contamination and laitance.
- Grind the subfloor e.g. to remove possible residue of lignin paste adhesive that may have been originally used. Again, remove all dust and laitance.
- Prime as necessary and apply proprietary floor smoothing compound exactly as directed by manufacturer or primer and smoothing compound.

(7) DECORATION:

- Prime new plasterboard linings, reveals, cills and skirtings.
- Prepare and paint 2 coats.
- Prepare and paint all walls, doors, frames, reveals, cills, ducts, skirtings and pipework.