



Volume C – Pricing Document

for

Sports Facility Development
at Scariff Community College, Scariff, Co. Clare

for

Limerick & Clare Education & Training Board

June 2026

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for Limerick & Clare Education & Training Board**

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1. GENERAL SUMMARY

Contract: Sports Facility Development at Scariff Community College, Scariff, Co. Clare for Limerick & Clare Education & Training Board

		€
1.	Amount carried forward from Pricing Document Summary excluding VAT and amount for Project Supervisor for the Construction Stage	
2.	Amount for Project Supervisor for Construction Stage, refer to the Schedule and Contract Conditions Clause 14	
3.	TOTAL TENDER AMOUNT (Excluding VAT) (CARRIED FORWARD TO FORM OF TENDER)	

NOTE: The Contractor must complete the enclosed VAT analysis.

CONTRACTORS NAME

DIRECTORS SIGNATURE

ADDRESS

.....

.....

DATED THIS DAY OF 2026

2. PRICING DOCUMENT

Description		Qty	Unit	Rate	€	c
<u>PRELIMINARIES</u>						
PROJECT TITLE						
PROJECT TITLE: Sports Facility Development at Scariff Community College, Scariff, Co. Clare for Limerick & Clare Education & Training Board.						
PARTIES AND CONSULTANTS						
EMPLOYER:	Limerick & Clare Education & Training Board Station Road Ennis Co. Clare					
EMPLOYERS REPRESENTATIVE:	McKenna Engineers Bank Place Miltown Malbay Co. Clare					
CONSULTING STRUCTURAL ENGINEER:	McKenna Engineers Bank Place Miltown Malbay Co. Clare					
QUANTITY SURVEYOR:	Carraig Consultancy Unit 1, E-Town Miltown Malbay Co. Clare					
PROJECT SUPERVISOR DESIGN PROCESS:	McKenna Engineers Bank Place Miltown Malbay Co. Clare					

Description	Qty	Unit	Rate	€	c
<u>DESCRIPTION OF WORKS</u> The work covered by the Works Requirements and Pricing Document comprises of a Sports Facility Development at Scariff Community College, Scariff, Co. Clare for Limerick & Clare Education & Training Board. The proposed works include an astroturf pitch with associated fencing and goal ball stop netting and walking track installations. The school shall remain operational throughout the works. Contractor shall programme and execute the works to ensure safe separation of construction activities from students, staff and visitors at all times. The Contractor shall co-operate with school management regarding examinations, school events and term dates. There will be space constraints on access egress routes for materials. The Contractor must confine work operations within the areas in the immediate vicinity of the works being executed at any time. Refer to the works requirements for the nature and extent of the Works.					
<u>ACCESS TO AND POSSESSION OR USE OF SITE</u>					
The site is located at Scariff Community College, Scariff, Co. Clare.					
A The site must not be used for any purpose other than carrying out the works. All works will be carried out within the site area shown outlined in red on Drg No. CE/001. Care to be taken to ensure school properties are not affected by the works. School properties are to be protected at all times, exposed party walls to be adequately propped and protected for the duration of the works.		Item			
B The Contractor's working space shall consist of the areas shown on the Drawings. The Contractor shall be required to restore, at his own expense any areas outside the site area disturbed by him.		Item			

	Description	Qty	Unit	Rate	€	c
A	PARKING shall be strictly controlled and the contractor must ensure that all vehicles belonging to his own staff and those of specialists are either parked within approved areas designated off site by agreement in accordance with the PSCS Health & Safety Plan.		Item			
B	School and public roads and footpaths may not be used for the parking of vehicles, storage of materials, location of plant or temporary accommodation. These areas shall be maintained in a clean condition with unrestricted access for the public at all times.		Item			
C	ALL DELIVERIES shall be made via the approved access point. All deliveries and waste removal are to be escorted by contractors' personnel to ensure safe-passage and are not to block school / public / private roadways / footpaths.		Item			
D	The Contractor shall prepare and implement a School Safety Management Plan addressing segregation of pupils from construction activities, deliveries, plant movements, emergency procedures, examination periods, school opening and closing times and out-of-hours working. The plan shall be agreed with the Employer's Representative and School Management prior to commencement.		Item			
E	All necessary measures shall be taken by the Contractor to prevent the spillage or deposit of clay, rubble or other debris on adjoining roads during the course of the works. The Contractor shall ensure that all construction operations are carried out in a manner such that air emissions, dust, odour, litter or other waste/debris do not result in significant impairment of, or significant interference with, amenities and environment beyond the site boundary.		Item			

	Description	Qty	Unit	Rate	€	c
A	Allow for protecting, upholding and weathering, providing any additional temporary supports, deemed necessary for the support of all items associated with the works including perimeter site hoardings, site gateways, site signage, ramp and earthwork supports on site, structures, footpaths, roadways, underground and overground services, maintain, alter, shift and adapt same from time to time as necessary, remove on completion and make good areas.		Item			
B	Tenderers are advised to visit the site and ascertain the facilities of access thereto, the supply of labour and materials the district will afford, the general convenience of working, the nature, character, dimensions, levels and other features of the site, all existing adjacent buildings, footpaths, driveways and all other things insofar as they may have any connection with or affect the full and proper execution of the Works. They will be deemed to have taken all the above matters into account when pricing and no claim for any payment will be allowed in consequence of the Contractor's failure to do this.		Item			
C	The Contractor shall be deemed to have made a thorough examination of the Works Requirements, Pricing Document and Additional Information and all features thereof, connected with the gas, water, sewage, electricity and telephone/cablelink authorities with regard to existing mains, services/drains on site and shall be deemed to have full knowledge of these facts when preparing his tender.		Item			
D	Allow for temporary protection, watching and lighting to the site and school buildings, public roads and footpaths.		Item			

	Description	Qty	Unit	Rate	€	c
A	On taking possession of the site, allow for providing a CAT survey of existing site area, dilapidation survey and a photographic and video condition survey of the existing adjacent buildings, site access roadway, boundaries and footpaths, in association with the Employers Representative. Upon Substantial Completion of the Works the contractor will be required to reinstate the roadway and footpaths to their original pre-construction condition, unless otherwise advised.		Item			
B	WORKING AREA for the Contractor will be confined to the areas identified on Drawings.		Item			
C	As the works are located within an operational school campus, consideration will need to be given to minimising disruption in the form of dust, noise, and vibration. Contractor shall control noise, dust and vibration in accordance with current legislation and any planning conditions. Monitoring only where directed by the Employer's Representative.		Item			
D	CONTRACTORS COMPOUND: The Contractor shall be deemed to have allowed for compound, welfare facilities and storage locations as may be necessary for efficient execution of the Works across both sites. The Contractors temporary compound, storage area and car park are to be located in locations to be agreed with the Employers Representative, maintain and reinstate area on substantial completion of the Works. Allow for temporary access, hardstanding, fencing and hoarding; maintain, alter and adapt as necessary and remove on substantial completion of the Works.		Item			
E	SITE HOARDING: Temporary Heras fencing and lockable access gates to perimeter of work areas. Ensure integrity of fencing from unauthorised access, in particular from access by children. Maintain, alter and adapt as necessary and remove on substantial completion of the Works.		Item			
F	Proper pedestrian and traffic flow signage to be provided.		Item			

	Description	Qty	Unit	Rate	€	c
A	Should the contractor wish to incorporate additional coloured banding, signage or such like he shall do so at his own expense and only at the Employers Representatives permission.		Item			
B	EXISTING SERVICES: the contractor shall, as far as possible, ascertain for himself the positions of underground and overground services and shall take all precautions for their protection. The Contractor shall make good any damage to drains, sewers, mains, cables, or other property caused by his operations. All existing pipes, water pipes, electric cables, sewers, drains and other services which do not in the opinion of the Employers Representative require to be changed in location shall be carefully supported and protected from damage by the Contractor, and in the case of such damage shall be restored by him to as good condition as that in which they are found. The existing services to the site are to be maintained in operation at all times during the Works.		Item			

	Description	Qty	Unit	Rate	€	c
A	TEMPORARY UTILITIES: The main contractor to pay all costs (connection fees, road opening licences, connections, standing charges, bills, disconnection, reinstatement) and comply with all requirements for temporary utilities required on site, (water, electricity, telecommunications etc). The Contractor's attention is drawn to the payment of temporary utilities consumed during the works. The Contractor shall be permitted to connect into existing utility services subject to each utility being metered individually and the metering system proposed being approved in writing by the Employer's Representative in consultation with the Building Services Engineer. The metering system, connections, etc. proposed must also be in accordance with all current regulations, legislation and Health and Safety requirements. The meter reading for the appropriate utility should be jointly read, recorded and agreed by the Contractor and the Employer not later than 10-days before an application for payment by the Main Contractor. The amount due from the Contractor to the Client (on presentation of Invoice by the Employer) should be the number of units consumed in the billing period multiplied by the full cost per unit of the particular utility including VAT to be paid within 30-days. <u>WORKS REQUIREMENTS</u>		Item			
B	DRAWINGS: drawings and other documents from which the Pricing Document has been prepared are as included in Volume A which form part of Volume A Work Requirements, and Additional Information as Appendix 3 of the Instructions to Tenderers.		Item			
C	One hard copy of the complete tender package will be available for inspection during office hours at the Employers Representatives office. This hard copy will be deemed to be the official set of tender documents. Viewing of the documents will be by prior appointment only (to retain confidentiality of tendering).		Item			

	Description	Qty	Unit	Rate	€	c
A	Tender documents issued electronically via eTenders. The onus rests with the Tenderer to check the completeness of the documents downloaded. Where such downloads or hard format documents are incomplete or illegible, the Tenderer must notify the Employer via e-tenders immediately.		Item			
	<u>PRICING</u>					
B	The Pricing Document, fully priced in ink, as are the rates, extensions and totalled to two decimals and without qualification or amendment must be submitted at the time of tendering. Tender sums, as well as rates tendered throughout this Bill of Quantities shall be in Euro		Item			
C	Should any item herein be left unpriced, it shall be held to be included in the prices given for other items of the work.		Item			
D	The tenderer's costs and charges are to be spread over the items in the Pricing Document in a balanced manner so that the rate or price for each item fairly represents the costs and charges for the work etc. described therein.		Item			
E	No tenderer will be remunerated for any trouble or expense incurred in the preparation of his tender		Item			
F	Alterations and qualifications to the Pricing Document must not be made without the written consent of the Quantity Surveyor. Tenders containing such alterations or qualifications may be rejected.		Item			
G	A fully detailed breakdown of the pricing of preliminaries must be provided on request of the Quantity Surveyor. If the Contractor requires interim payments to include fixed and time related charges for specific items in the Preliminaries, those charges must be clearly shown against the items.		Item			

	Description	Qty	Unit	Rate	€	c
A	Contractors submitting a tender shall be deemed to have given their permission for the Form of Tender and Pricing Document tendered to be opened by the Employer, Employers Representative and/or Quantity Surveyor and examined - irrespective of whether their tender is lowest. Tenders shall remain open for acceptance for the period as stated in the form of tender following the date of tender lodgement. This period for acceptance may be extended with the agreement of the Contractor.		Item			
B	The Employer is not bound to accept the lowest or any tender.		Item			
C	The Price, excluding the amount of Labour, Plant and Non-Adjustable Overheads, shall be subject to adjustment for price fluctuations only in the circumstances set out in contract clause 18.		Item			
D	The permitted increase threshold is 5%.		Item			
	<u>STATUTORY REQUIREMENTS</u>					
	Allow for compliance with statutory requirements and obligations concerning: - taxation, refer to the Revenue Commissioners (www.revenue.ie). - environmental protection, refer to the Environmental Protection Agency (www.epa.ie) - employment protection and working conditions from the Workplace Relations Commission (www.workplacerelations.ie) - Planning Regulations. - Where applicable, registration under the statutory Register of Builders or equivalent competency requirements. - Building Control Activity Register (www.gov.ie) Allow for compliance with applicable Employment Standards including: - National Minimum Wage Act 2000. - Sectoral Employment Orders (SEO). - Construction Sector SEO 2024. - Payment of Wages. - Employment Contracts. Workplace Relations Commission. Allow for compliance with applicable Building Regulations including:					

	Description	Qty	Unit	Rate	€	c
	- Building Control Acts (1990 to 2014). - Building Control Regulations. - Building Control Authorities. - Compliance Certificates. - Design and Construction. Allow for compliance with applicable Health and Safety requirements including: - Safety, Health and Welfare at Work (Construction) Regulations 2013-2023. - Duties of Clients, Project Supervisors, Designers, and Contractors. - Site Welfare Facilities. - Safe Work Practices. - Training and Competency. - Risk Assessments and Safety Plans. - Use of Protective Equipment. - Excavation Safety. <u>DATA PROTECTION</u> A Allow for compliance with 'Data Protection Laws' and all applicable data protection law including the General Data Protection Regulation (Regulation (EU) 2016/679) and the Data Protection Act 2018; and the terms 'personal data', 'process', 'controller', 'processor' and 'data subject' shall have the meanings given to them under Data Protection Law. Personal data shall have the meaning set out in the General Data Protection Regulation in respect of any such personal data processed on behalf of the Employer. <u>GREEN PUBLIC PROCUREMENT</u> B Allow for implementing Green Public Procurement tool as developed by the OGP, refer to: https://gppr.criteria.gov.ie/, to assist in developing criteria. <u>TAX CLEARANCE CERTIFICATE</u> C It is a condition precedent to the award of the contract that the successful tenderer for the contract must comply with the current Tax Clearance Procedures, (available at www.finance.gov.ie). In most circumstances, for tenderers resident in the State, this means that the successful tenderer must have a current Tax Clearance Certificate.					
			Item			
			Item			
			Item			

	Description	Qty	Unit	Rate	€	c
	<u>FREEDOM OF INFORMATION ACT</u>					
A	Information in relation to this tender may be made available on demand in accordance with the Freedom of Information Act.		Item			
B	You are asked to consider if any of the information supplied by you should not be disclosed because of its sensitivity. If this is the case, when providing the information you should identify same and specify the reasons for its sensitivity. The Employer will consult with you about sensitive information should it become the subject of a Freedom of Information request.		Item			
	<u>LABOUR</u>					
C	The Contractor shall ensure that safe practices and methods of work are adhered to at all times. The contractor in his capacity as Project Supervisor Construction Stage shall notify the Employer's Representative in writing prior to the submission of his tender if he considers any requirement relating to the time for carrying out the works, the design of the works, specification of materials, tender work methods or procedures necessarily hazardous or in any way prevent the works from being carried out. The Contractor shall bear all costs arising out of the failure to give notice of foreseeable matters in this regard.		Item			
D	The Contractor must make due allowance in his Programme for a weather event and in particular to allow for providing the resources necessary to obviate any delay arising.		Item			
	<u>IMPLEMENTATION OF SI.9 2014</u>					
E	The Contractor shall carry out the works in accordance with the contract documents and comply with all statutory requirements including inter alia The Building Control Act, The Building Control Regulations, The Building Regulations, The Safety, Health and Welfare at work (Construction) Regulations and The Construction Products Regulations.		Item			

	Description	Qty	Unit	Rate	€	c
	<u>INSURANCES</u>					
A	From the date the Employer allows the Contractor to occupy and use the Site, the Contractor must insure the Works and goods and materials for the Works against loss and damage. The Employer must be named as an insured. The insurance must be for the full reinstatement value of the property insured, including cost of demolition, removal of debris, delivery, Employers professional fees, profit, and inflation during the construction and reinstatement periods. The sum insured for professional fees must be at least 15% of the Price. The Contractor must maintain this insurance until the Employers Representative certifies the date that the Works were substantially complete, and must extend the insurance to cover loss and damage at the Contractors risk until the Defects Certificate is issued.		Item			
B	The insurance required by the Contract (the Insurance) shall be placed with reputable insurers approved by the Employer.		Item			
C	Provide with an approved insurance company Public Liability Insurance, from the Starting Date until the date the Defects Certificate is issued, for a minimum of €6,500,000.00 in respect of any one event and unlimited for any one period of insurance. (Maximum excess to be the greater of 1% of project value or 0.5% of contractors turnover).		Item			
D	Provide with an approved insurance company Employers Liability Insurance, from the Starting Date until the date the Defects Certificate is issued, for a minimum of €13,000,000.00 in respect of any one event and unlimited for any one period of insurance. (Maximum excess to be the greater of 1% of project value or 0.5% of contractors turnover).		Item			

	Description	Qty	Unit	Rate	€	c
A	Provide for insuring against All Risks with a company to be approved by the Employers Representative in the joint names of the Employer and the Contractor, the whole of the works included in this Contract to their value as the work proceeds. (Maximum excess to be the greater of 1% of project value or 0.5% of contractors turnover).		Item			
B	Provide All Risks policy schedule and all policy endorsements covering material damage to the Works including confirmation that the Employer has been noted as a Joint Insured and a Non-Vitiation clause and provide complete Combined Liability policy schedule and all policy endorsements including confirmation that the Employer has been noted as an Additional Insured and a Non-Vitiation clause under the Public / Products / Pollution Liability section.		Item			
	<u>SHORT PUBLIC WORKS CONTRACT</u>					
	Form of Agreement and Conditions of Contract shall be the Short Public Works Contract, Document Reference PW-CF6 v.1.15. The following Clauses in the above mentioned conditions shall apply to this Contract and the Tenderer shall enter in the money column whatever payments he may require to comply with these clauses (except where otherwise instructed).					
	Allow for the obligations, liabilities and services described therein against the headings set out below:					
C	1. The Contract.		Item			
D	2. The Site, starting and completing the Works.		Item			
E	3. The Works.		Item			
F	4. The Price and Payment.		Item			
G	5. Representation and Communications.		Item			
H	6. Contractor's Personnel.		Item			
J	7. Pay and conditions of employment of works persons.		Item			

	Description	Qty	Unit	Rate	€	c
A	8. Loss of and damage to the Works.		Item			
B	9. Indemnity for claims and damage.		Item			
C	10. Insurance.		Item			
D	11. Property.		Item			
E	12. Termination.		Item			
F	13. Ethics in Public Office.		Item			
G	14. Project Supervisor for the Construction Stage.		Item			
H	15. Law, jurisdiction and disputes.		Item			
J	16. Covid-19 Mandatory Closure.		Item			
K	17. Limit on Liability.		Item			
L	18. Price Variation.		Item			
	<u>Schedule to Contract</u>					
M	The completed Schedule to the Contract is included with the Form of Tender.		Item			
	<u>Contract Model Forms</u>					
	The following Contract Model Forms are applicable to the contract:					
N	Appointment of Project Supervisor		Item			
P	Rates of Pay and Conditions of Employment Certificate		Item			
Q	The above documents, (Form of Contract and Model Forms), are available at www.constructionprocurement.gov.ie . Where 2 or more versions of any of the above documents are posted on the above web-site during the tender period, the applicable version is the version on the above web-site 10 days prior to the latest date for receipt of tenders.		Item			
R	Nothing in the Specifications or Pricing Document shall override, modify or affect in any way whatsoever, the application or interpretation of the clauses contained in the Conditions of Contract.		Item			

	Description	Qty	Unit	Rate	€	c
	<u>CONTRACTORS LIABILITY</u>					
A	Subject to contract clause 17.2, the monetary amount of the Contractors liability to the Employer under or arising out of this Contract shall not exceed the amount stated in the Schedule, or, where there is no amount stated, an amount equal to the Price (the 'Liability Cap').		Item			
B	Allow for any costs arising from the works outside the curtilage of the site.		Item			
C	The insurances clauses are listed in the Contract and the Schedule.		Item			
D	The Contractor shall provide for the efficient protection of the public the employers officers servants and visitors and property and all other persons occupying or using the site.		Item			
E	The Contractor is to take all reasonable precautions to minimise nuisance to the occupants/users of adjoining properties and the general public and to include for complying with all statutory regulations in this regard. The Contractor shall be responsible for negotiation as may be required with the Local Authority or adjoining owners for any encroachment necessary for carrying out any work outside the site boundaries.		Item			
	<u>OBLIGATIONS AND RESTRICTIONS IMPOSED BY THE EMPLOYER</u>					
F	01 Materials excavated from the site shall, unless expressly stated otherwise in the tender documents, be removed from the site and disposed of at a tip to be provided by the Contractor.		Item			
G	02 All articles of value and/or of antiquarian or archaeological interest which may be found in the excavations or on the property of the Employer shall be handed over to the Employers Representative.		Item			

	Description	Qty	Unit	Rate	€	c
A	03 Normal working hours shall be agreed with the School Management and Employers Representative. Any out-of-hours, weekend or holiday working shall require prior written approval.		Item			
B	04 Permit the Employer and his representatives who are compliant with Health & Safety Regulations access to the site at all times.		Item			
C	05 Prevent trespass on adjoining property.		Item			
	<u>WORK BY PUBLIC BODIES</u>					
D	Work by Statutory Authorities, Public Undertakings or Public or Private Utility Providers are so described and an indication of their scale is given. Allow for facilitating the works of all firms or Authorities to be employed on site during the progress of the contract.		Item			
	<u>VAT</u>					
E	Value Added Tax to be in accordance with the Conditions of Contract and clauses referred to therein.		Item			

	Description	Qty	Unit	Rate	€	c
A	When submitting detailed progress statements as required under the Conditions of Contract and when submitting details for settlement of the Final Account, the Contractor shall show separately the value of any items, including any such included in sub-contractors accounts, upon which Value Added Tax is chargeable at a rate different from that applicable to building contracts. In the case of "fittings" as defined by the Revenue Commissioners such values shall be the cost of supply and delivery only. When claiming payment from the Employer on foot of any interim or final certificate which includes the value of items chargeable at a rate different from that applicable to building contracts the Contractor shall raise a separate Invoice covering each different rate of Value Added Tax applicable. The Revenue Commissioners have stated that failure to raise Invoices in this way will render the total Final Account liable to Value Added Tax at the highest rate involved. The Employer will not be liable to pay the Contractor for any excess tax becoming payable as a result of failure to comply with this provision which is in accordance with the Regulations of the Revenue Commissioners. <u>FEES PAYABLE TO UTILITIES</u>		Item			
B	At Contract Commencement Stage the Contractor will establish from the Utility Companies on or adjacent to the site the extent and nature of the services to be provided by them and to agree a timetable for the installation of the services. The contractor will provide unrestricted access to the site. <u>PROVISION, USE AND INTERPRETATION OF DOCUMENTS</u>		Item			
C	DIMENSIONS: do not scale from drawings. Obtain from Employers Representative any dimensions required but not given in figures on the drawings nor calculable from figures on the drawings.		Item			

	Description	Qty	Unit	Rate	€	c
A	METHOD OF MEASUREMENT: The Bill of Quantities is based on the Agreed Rules of Measurement (ARM4) agreed between the Construction Industry Federation; and the Society of Chartered Surveyors in the Republic of Ireland; any significant departures are referred to as they arise. The Bill of Quantities is prepared and measurements are made in accordance with the Department of Finance approved list of amendments to ARM4 when the rules are being used on the Public Works Contracts.		Item			
B	Where works are described as 'OUTSIDE THE SITE BOUNDARY' the contractor should note that these works are NOT measured as extra over works and the contractor should allow for this in his rates.		Item			
C	ORDERING OF MATERIALS: do not use the measured quantities for ordering of materials and products.		Item			
D	TECHNICAL LITERATURE: Maintain access to records of current manufacturers' literature and relevant standards.		Item			
E	MAINTENANCE INSTRUCTIONS AND GUARANTEES provided by product and equipment manufacturers to be handed over to the Employers Representative on or before substantial completion.		Item			
F	CONTRACTORS DESIGN AND PRODUCTION INFORMATION: The Contractor will be required to provide design and production drawings and other information.		Item			
G	Make reasonable allowance for the time taken in completing such information, checking, inspection by the Employers Representative, and for any subsequent amendment(s), re-submission(s) and re-inspection(s).		Item			
H	Ensure that any necessary amendments to the information are made in accordance with any comments of the Employers Representative, and re-submit unless the Employers Representative so confirms that this is not necessary.		Item			

	Description	Qty	Unit	Rate	€	c
A	If submitted information differs from the Sub-Contract Documents, each such difference must be the subject of a request of substitution or variation.		Item			
B	Should any amendment required by the Employers Representative be considered to involve a variation, notify the Employers Representative without delay and do not proceed until subsequently instructed. Claims for the extra cost of such work will be dealt with in accordance with the conditions of contract		Item			
C	Obtain final version of all information and submit to the Employers Representative the number of copies required by him. Distribute additional copies of all affected Sub-Contractors and Suppliers, retain copies for your own use and keep at least one copy on site. Ensure that the work is carried out in accordance with the final version.		Item			
	<u>GENERAL DEFINITIONS AND INTERPRETATIONS</u>					
	DEFINITIONS: terms used in the Bill of Quantities shall be defined as follows:					
	IS : Irish Standard					
	BS : British Standard					
	CP : Irish/British Standard Code of Practice					
	FOC : Fire Officers Committee					
	ARM : Agreed Rules of Measurement					
	Allow : The cost of the Item is at the risk of the Contractor					
	Instructions : Means the instructions in writing of the Employers Representative unless stated otherwise.					
	IIRS/BSI : The published documents latest edition of IIRS (Eolas)/BSI documents current at the date of tender will apply unless stated otherwise.					
D	Manufacturers Recommendations: Means the manufacturers recommendations or instructions, printed or in writing and current at the date of tender.		Item			

	Description	Qty	Unit	Rate	€	c
A	CURRENT STANDARDS : The latest relevant published version of Irish, British or EN, or other National Standards or Codes of Practice at the date of tender. If a Standard is superseded subsequent to the invitation to tender, the version current at the date of invitation to tender shall apply.		Item			
B	IN WRITING: when required to inform, instruct agree, confirm, obtain approval or obtain instructions do so in writing.		Item			
C	APPROVAL (and words derived therefrom) means the approval in writing of the Employers Representative unless specified otherwise.		Item			
D	SUPPLY AND FIX: Unless stated otherwise all items given in the Bill of Quantities and/or on the drawings are to be supplied and fixed complete.		Item			
E	PROPRIETARY NAMES: Where materials, appliances or fittings of special design, manufacture or description, patented or otherwise, are described by reference to the proprietary names it shall be deemed to include the term "or equivalent". Trade names and/or suppliers are sometimes used for the purpose of brevity and clarity of technical, aesthetic and functional intent. Such references are for the conveniences of the tenderer in clearly indicating the standard of technical, aesthetic and functional requirements sought by the specifier. The intention is not to favour one product over another or to eliminate other products/suppliers.		Item			

	Description	Qty	Unit	Rate	€	c
A	OR EQUIVALENT the phrase "or equivalent" in all tender documentation and drawings shall mean, the material or product named, or a similar product of equal quality and performance, which has been approved by the Employer's Representative. No substitution of materials shall be accepted without the Employer's Representative prior written approval. If no such authorisation, (which shall not be unreasonably withheld), is obtained, the Contractor must supply the articles or materials specified. Other materials/suppliers may be put forward for consideration as equivalent materials to those stated in the specification. Approval for substitution of equivalent materials/suppliers will be given where the alternative material/supplier are demonstrably equal in full accord with the original specification. Equivalence of an offered substitution will be judged on the basis of objective, clear and verifiable independent proof of similar compliance with equal standards to those specified. Any foreign language documents are to be submitted with certified English translations.		Item			
B	VERIFICATION: Where appropriate verification is provided through a detailed technical dossier, drawings, data sheets and/or a test report from a recognised body, a material/product substitution will be permitted by the Employers Representative.		Item			
C	COMPLIANCE WITH PERMISSIONS AND CONSENTS: The Contractor shall take notice of the requirements of any Planning Permission and undertakes to comply with the same in all material respects. Copies of the respective documents are included in the Information Pack. The Contractor shall be deemed to have taken account of the provisions of the said information in all respects and provided for same in the Contract Sum.		Item			

	Description	Qty	Unit	Rate	€	c
	<u>CONTROL OF TIME/QUALITY/COST</u>					
A	Pursuant to the contract conditions, the Contractor shall be responsible for the co-ordination of the whole of the Works including sub-contract installations and shall organise the whole of the works including all sub-contractor's installations to ensure their proper progress in accordance with the Programme.		Item			
B	The Contractor shall obtain from each Specialist Sub-Contractor details in respect of his requirements sufficiently early to allow the Contractor to incorporate such requirements in the works and to coordinate the whole of the works including the sub-contract works to be undertaken by Specialist sub-contractors. The Contractor shall provide all information necessary to Specialist Sub-Contractors to enable them to detail their installations accurately. The Contractor shall coordinate the installation of all Specialist Sub-Contracts with the Main Contract works and shall prepare and maintain accurate co-ordination drawings for this purpose for as long as may be necessary for the proper execution of the whole of the works. The Contractor shall appoint or nominate a suitably qualified person or persons with specific responsibility for the co-ordination of the works that shall propose a programme for the co-ordination of the works and shall attend all management meetings in respect of the same.		Item			
C	The Contractor shall bear the expense of any failure to satisfy this requirement. Any loss or delay arising out of failure to effect the provisions of this Clause shall be the sole responsibility of the Contractor.		Item			

	Description	Qty	Unit	Rate	€	c
A	PROTECTION OF THE WORKS: The Contractor shall protect the works, materials and plant and make good any damage caused. Contractor shall protect completed synthetic surfaces from damage by construction traffic and other trades. No vehicles shall access completed surfacing unless specifically approved. The Contractor shall keep finished surfaces clean as work proceeds and protect from dirt, staining and physical damage. The Contractor shall protect the works during construction and as portions reach completion, against any form of damage or deterioration. Such protection shall include coverings, guard rails, temporary heating or other appropriate methods. The Contractor makes good any damage caused by ineffective protection. <u>CERTIFICATION AND TESTING</u>		Item			
B	The Contractor shall arrange for independent post-installation testing of the synthetic playing surface by an accredited testing body. Testing shall demonstrate compliance with the specified FIFA / GAA / IRFU / FAI performance criteria, including shock absorption, vertical deformation, ball roll, ball rebound, rotational resistance and surface regularity as applicable. All testing certificates shall be submitted prior to Substantial Completion.		Item			
C	The Contractor shall provide certification that all infill materials comply with current European Union regulations relating to synthetic sports surface infill materials. Certification shall be submitted prior to incorporation into the Works.		Item			
D	Prior to installation of synthetic surfacing, the Contractor shall provide records demonstrating compliance of the completed formation, stone sub-base and shockpad with the specified tolerances and levels. Any non-compliant areas shall be rectified prior to installation of synthetic surfacing.		Item			

	Description	Qty	Unit	Rate	€	c
A	The Contractor shall undertake testing of all pitch drainage systems and provide records demonstrating satisfactory operation prior to completion.		Item			
B	All imported stone, fill, capping and drainage materials shall be accompanied by certificates confirming compliance with specification and source approval requirements.		Item			
C	Following completion, the Contractor shall demonstrate satisfactory drainage performance and freedom from ponding. Any ponding observed following rainfall or testing shall be rectified prior to completion.		Item			
D	All sports equipment shall be supplied complete with manufacturers certification confirming compliance with relevant EN Standards and governing body requirements. Goalposts, sockets, netting systems and associated equipment to comply with relevant EN standards and governing body requirements.		Item			
	<u>PLANNING, PROGRAMMING AND RESOURCES</u>					
E	The Contractor shall, within 10 working days of the Starting Date, submit a programme for the execution and completion of the Works. The programme shall clearly identify the principal construction activities, key milestones, procurement periods, testing and commissioning activities, and the anticipated Date for Completion.		Item			
F	The programme shall be of a level of detail appropriate to the scale and complexity of the Works and shall demonstrate the Contractor's proposed sequence and methodology for completing the Works within the Contract Period.		Item			
G	The Contractor shall submit an updated programme at intervals not exceeding four weeks, indicating progress achieved, activities completed, activities in progress, any delays encountered and the anticipated completion date.		Item			

	Description	Qty	Unit	Rate	€	c
A	Where progress falls materially behind programme, or where the Employer's Representative reasonably considers that the Date for Completion may be affected, the Contractor shall, within five working days of request, submit a revised recovery programme identifying the measures proposed to recover lost time and mitigate delay. The Contractor shall implement such measures at no additional cost to the Employer unless otherwise provided for under the Contract. Progress reports submitted in conjunction with programme updates shall include: Summary of works completed during the reporting period; Works planned for the subsequent reporting period; Current progress against programme; Details of any matters affecting progress; Register of Employer's Instructions and Change Orders issued to date; Health and Safety matters, incidents or inspections; Colour progress photographs of the Works;		Item			
B	Updated anticipated completion date.		Item			
C	The precise content and format of the Contractors Progress Report, and the Project Progress meeting agenda and schedule shall be subject to change by agreement between the Contractor and the Employers Representative. <u>PROGRESS RECORDS:</u>		Item			
D	Maintain an up-to-date record of progress at weekly intervals. Display progress on the Site Office copy of the progress chart.		Item			

	Description	Qty	Unit	Rate	€	c
	<u>AS BUILT PROGRAMME</u>					
A	The contractor shall within two weeks of substantial completion of the Works provide an As Built Programme of the Works which shall contain a similar level of detail as the original Programme and shall accurately reflect the actual start and finish dates of each activity, all works instructed by Employers Representative and any other information necessary to properly record the actual construction history of the Works.		Item			
	<u>CONTROL OF QUALITY</u>					
B	ACCESS FOR EMPLOYERS REPRESENTATIVE: provide at all reasonable times access to the Works and to other places of the Contractor where work is being prepared for the Contract.		Item			
C	PERSON-IN-CHARGE: give maximum possible notice to the Employers Representative before changing the foreman-in-charge or site agent.		Item			
D	MAINTENANCE: Allow for providing one years annual maintenance by way of site visit and set maintenance programme. Allow for providing specialist maintenance equipment recommended by the turf manufacturer suitable for the Employer's maintenance regime.		Item			

	Description	Qty	Unit	Rate	€	c
A	WARRANTIES: Allow for providing a 20-year assignable manufacturer's performance warranty for the complete synthetic pitch system, supported under the FIFA Preferred Producer Programme (or equivalent approved), together with the Contractor's obligations and warranties in accordance with the Contract. On completion, provide independent certification by an accredited testing body confirming that the completed installation complies with the specified performance criteria, including surface regularity, permeability, shock absorption, vertical deformation, ball roll, ball rebound, rotational resistance and any other requirements of the Specification and the relevant FIFA Quality Programme (or equivalent approved standard). The cost of all testing, certification and any remedial works necessary to achieve compliance shall be deemed to be included in the Contract Sum.		Item			
B	PHOTOGRAPHS: The Contractor shall keep a digital camera on site for the duration of the works, and shall photograph the progress of the works throughout the contract as directed by the Employers Representative. The Contractor shall hold digital records of all photographs on site for inspection by the Employers Representative and the Design Team as required and shall in addition submit to the Employers Representative digital progress photographs per month of the works taken from locations on or about the site as directed by the Employers Representative.		Item			
C	SAMPLES: where samples of finished work are specified obtain approval of stated characteristic(s) before proceeding with the Work. Retain approved samples on site for comparison with the Works. Remove samples which are not part of the finished works when no longer required.		Item			

	Description	Qty	Unit	Rate	€	c
A	CONTRACTOR TO SUBMIT SAMPLES: Samples of all materials, manufactured articles and workmanship shall be submitted to the Employers Representative for provisional approval before adoption, but such approval shall not relieve the Contractor in any way from responsibility for defects appearing subsequently. Approved samples will be retained until the completion of the Contract by the Employers Representative, who shall have power to reject all materials and samples in all respects. Materials and manufactured articles supplied or fixed, or work executed without submission and approval of samples shall be removed and the necessary reinstatements executed at the Contractor's expense should the Employers Representative so direct.		Item			
B	All materials are to be new unless otherwise specified and if required, the Contractor is to furnish evidence that the materials are of the origin, description and quality or price specified. Except where otherwise provided for in the Tender, other factors being equal, it is desirable that all the articles, appliances, goods and materials provided under the Contract shall, where possible, be manufactured in the Republic of Ireland, and shall bear the Irish Quality Mark where same can be applied. COMPLIANCE WITH STANDARDS: In the case of an Irish Standard the presence of an Irish Standard Mark under NSAI licence shall be evidence of compliance. Similar marks issued under licence from E.U. National Authorities shall be deemed likewise. An approved IAB mark in the case of Irish Products or equivalent E.U. National Agreement Board Certificates of EOTA in certification in the case of any product shall be evidence of compliance with the Standard so certified. APPROVALS: inspection or any other action by the Employers Representative must not be taken as approval of materials, products or work unless the Employers Representative so confirms in writing in express terms referring to:		Item			
C	1. date of inspection		Item			

	Description	Qty	Unit	Rate	€	c
A	2. part of the work inspected		Item			
B	3. respects or characteristics which are approved		Item			
C	4. extent and purpose of the approval		Item			
	5. any associated conditions					
D	MANUFACTURERS INSTRUCTIONS: The Contractor shall ensure that the manufacturers' instructions and other information are at the site whilst the related work is being executed and shall retain these documents and upon completion of the works hand these instructions over to the Employers Representative in suitable folders together with a contents list. Should manufacturer's instructions and the specification be at variance, the Contractor shall obtain instructions from the Employers Representative in writing and shall proceed accordingly.		Item			
	DEFECTIVE WORK: as soon as possible after any part of the work is known or suspected to be defective, submit proposals to the Employers Representative for opening up, inspection, further testing, making good or removal and re-execution and obtain instructions. Wherever inspection or testing shows that the work is not in accordance with the Contract and measures (e.g. testing, opening up, experimental making good) are taken to establish the acceptability of the work, such measures:					
E	1. will be at the expense of the Contractor, and		Item			
F	2. will not be considered as grounds for extension of time.		Item			

	Description	Qty	Unit	Rate	€	c
	<u>MATERIALS AND WORKMANSHIP:</u>					
A	Materials and Goods as specified are to be the best of their respective kinds, "fit for purpose" in accordance with Building Regulations, and those for which there is an Irish / British Standard or Code of Practice are to comply therewith and shall bear the Irish / British Standard Mark or alternatively shall be certified to a National Standard of another member of the European Union which provides and equivalent guarantee of safety and suitability - certification and / or declaration of Conformity to be by National Standards Authority of Ireland.		Item			
B	The workmanship throughout shall be of a high standard and the materials in all cases the best quality of the kinds specified, all to the approval of the Employers Representative. specification materials, appliance or fittings of special design, manufacture or description, patent or otherwise are described, it is clearly to be understood that such references are inserted solely for the guidance of intending Contractors with respect to the nature and quality of the articles or services required.		Item			
C	All workmanship shall comply with current Irish / British Standard Code of Practice or equivalent standard as noted above and in accordance with BS 8000 - "workmanship on building sites" IS / 150 9000 / EN 29000 quality system management and in accordance with Building Regulations Technical Guidance Document Part D.		Item			
D	Under no circumstances is concrete containing High Alumina Cement to be used in any part of the Works.		Item			
E	All unfixed materials shall be carefully stored in accordance with the best practice and in a suitable position on site. Manufacturers or agents recommendations regarding storage, transportation, application, material compatibility, workmanship, health and safety etc shall be strictly observed.		Item			

	Description	Qty	Unit	Rate	€	c
	<u>SOCIAL WELFARE, HEALTH AND SAFETY</u>					
A	1. Provide for paying all Employer's contributions under the Social Welfare and Intermittent Unemployment Insurance Acts and for complying with the Social Welfare (Commencement of Employment) Regulations 1988 and 1999.		Item			
B	2. Provide for carrying out the provisions of the Conditions of Employment and Holidays (Employees) Acts, the Solas Levy-Grant Scheme, Health, Safety and Welfare at Work Act, 2005 including the provision of a Safety Statement and all other legislation and Trade Union Conditions of Employment whereby the cost of labour is affected.		Item			
	<u>SITE SECURITY</u>					
C	The contractor shall acquaint himself fully with the nature, extent, and sequence of security arrangements required in connection with the work to be carried out. The contractor shall safeguard the site, the works, materials and plant against unauthorised entry, damage, and theft and provide watching and lighting as necessary.		Item			
D	Ensure that all openings and the like broken out or formed are adequately secured against trespassers and in particular children during and outside normal working hours and provide adequate protection for personnel.		Item			

	Description	Qty	Unit	Rate	€	c
A	Security on the site is the absolute responsibility of the Contractor who must ascertain in advance the likely requirements of security in the general area. The Contractor shall include in his tender for all costs associated with all security, by day and by night, from commencement to completion of the project and no claims for extra costs under this heading will be entertained. The Contractor must ensure that security companies or persons who provide a security service are licensed in accordance with the Private Security Services Act, 2004 and must ensure in accordance with Section 38 of the Act that users of Private Security Services are prohibited from employing an unlicensed security contractor or employee. <u>TEMPORARY ACCOMMODATION</u>		Item			
B	Allow for providing in approved positions offices required by foreman and site staff employed by Contractor and maintaining during contract.		Item			
C	The contractor shall provide from commencement to completion of the Contract accurate records to be kept in such form as may be directed by the Employers Representative, and forwarded at the end of each month to the Employers Representative.		Item			
D	Sheds and messrooms for the use of workers as necessary. Proper latrines or temporary w.c.'s for use of site personnel keeping same thoroughly clean and in a fresh and orderly condition. Where possible latrines shall be water flushed and connected to sewer and in conformity with the requirements of the local authority		Item			

	Description	Qty	Unit	Rate	€	c
A	Sheds and the like for the storage of materials liable to injury from exposure. Dry cement shed properly roofed and weather-proof and having a wooden floor with a well ventilated clear space of not less than 150 mm between timber and ground. This shed shall be sufficiently large to contain such a stock of cement as the Engineer may direct and shall be provided with partitions or such other means as may be necessary to ensure the effective separation of the various consignments. Alternatively with the Engineer's permission an approved type cement silo may be used.		Item			
	<u>CONTROL OF COST</u>					
B	MEASUREMENTS: give reasonable notice to the Quantity Surveyor before covering up work which the Quantity Surveyor requires to be measured.		Item			
	COST MANAGEMENT MEASURES: Allow for Cost Management measures in addition to those required by the Conditions of Contract, including:					
C	a) cash flow forecasts,		Item			
D	b) valuation of proposed instructions,		Item			
E	c) measurement of works,		Item			
F	d) value engineering proposals,		Item			
G	e) vouching time and material works,		Item			
H	f) progress payment applications,		Item			
J	g) payment for unfixed materials,		Item			
K	h) labour and plant returns,		Item			
L	i) price variation documentation,		Item			
M	j) records supporting valuation of compensation events,		Item			
N	k) any other cost management measures.		Item			

	Description	Qty	Unit	Rate	€	c
A	When a payment is to be made, not later than 5 days after the date agreed between the parties to be the payment claim date the Contractor shall give the Employers Representative a payment claim notice, in the form of a detailed statement of the amount to be paid. Within 14 days of receiving the payment claim notice, the Employers Representative shall issue a response to the payment claim notice, to the Contractor, in the form of a certificate, setting out the amount the Employers Representative considers the Contractor should be paid, with reasons for any difference between the amount in the certificate and the Contractors statement. If the certificate states that an amount is due to the Contractor, the Contractor shall send an invoice to the Employer for that sum. The Employer shall pay the amount due on the invoice within the period stated in the Schedule. <u>CONTRACTORS REPRESENTATIVE</u> The Contractor shall appoint, before the Starting Date: (1) a representative with full authority to act on behalf of the Contractor in all matters concerning the Contract and (2) a full-time supervisor of all the Contractor's activities on the Site, with full authority to receive instructions and other communications on behalf of the Contractor in all matters concerning the Contract. The representative and the supervisor may, but need not, be the same person. <u>SECURITY/PROTECTION/RESTRICTIONS</u> Do not use the site for any purpose other than carrying out the Works. Do not display or permit advertisements to be displayed on the site without consent of the Employers Representative		Item			
B			Item			
C			Item			
D			Item			
E			Item			

Description		Qty	Unit	Rate	€	c
	Normal working hours shall be agreed with the School Management and Employer's Representative. Any out-of-hours, weekend or holiday working shall require prior written approval. Should the working of overtime be necessary in order to complete the Works by the date agreed, no extra payment to the Contractor will be allowed for same except as may be required by the Conditions of Contract.					
A	Protect all parts of the Works. Wherever work is of an especially vulnerable nature or is exposed to abnormal risks, provide special protection to ensure that damage does not occur.		Item			
B	Adjacent school buildings and rooms/areas will be occupied and used during the Contract. Carry out the Works without undue inconvenience and nuisance and without danger to occupants and users.		Item			
C	Protect all parts of the Works. Wherever work is of an especially vulnerable nature or is exposed to abnormal risks, provide special protection to ensure that damage does not occur.		Item			
D	Protect all sections of the Works and hand over in perfect condition.		Item			
E	The Contractor shall acquaint himself fully with the nature extent and sequence of security arrangements required to safeguard the site, products, materials, plant, the Works against unauthorised entry, damage and theft and provide all watching and lighting as necessary.		Item			
F	Ensure that all openings and the like broken out or formed are adequately secured against trespassers and in particular children during and outside normal working hours and provide adequate protection for personnel within the completed buildings and for the extent of the new building.		Item			

	Description	Qty	Unit	Rate	€	c
A	Accept responsibility for the stability and structural integrity of the Works during the Contract and support as necessary. Prevent overloading. Details of design loads may be obtained from the Employers Representative.		Item			
	<u>PROTECT AGAINST THE FOLLOWING</u>					
B	EXPLOSIVES: The use of explosive is prohibited.		Item			
C	NOISE: Fit all noise compressors, percussion tools and vehicles with effective silencers of a type recommended by manufacturers of the compressors, tools or vehicles.		Item			
D	FIRE: Take all necessary precautions to prevent personal injury, death and damage from fire.		Item			
E	NUISANCE: Take all necessary precautions to prevent nuisance from smoke, dust, rubbish and other causes.		Item			
F	The contractor shall take all necessary precautions to safeguard workmen, employees, the client and his representatives and prevent damage to any existing adjacent roadways and landscaping.		Item			
G	The contractor shall provide all necessary barriers, hoardings, scaffolding, dust screens etc and keep all debris well watered to prevent dust. All debris shall be removed as quickly as possible and the existing areas adjacent to the work shall be kept clean and tidy at all times.		Item			
H	WATER: Prevent damage from storm and surface water (Items for keeping the site excavations free of water are given elsewhere).		Item			
J	MOISTURE: Prevent the work from becoming wet or damp where it may cause damage. Dry out the Works thoroughly. Control the drying and humidity of the Works and the application of heat to prevent:		Item			
K	1. Blistering and failure of adhesion		Item			

	Description	Qty	Unit	Rate	€	c
A	2. Damage due to trapped moisture		Item			
B	3. Excessive movement.		Item			
C	Remove rubbish and debris daily and keep the site and Works clean and tidy.		Item			
	SLURRY FROM CONCRETE MIXER: Special provision shall be made to ensure that no slurry, or other solid matter from the concrete enters any sewer. For this purpose the Contractor shall construct a settling basin through which all water from concrete mixers shall pass. This basin shall be at least 1.25 m wide and 3.00 m long and 0.50 m deep. It shall be cleaned regularly of settled material.					
D	EXISTING SERVICES: Prevent damage to existing services:		Item			
E	1. Notify all service authorities of proposed works not less than one week before commencing site operations.		Item			
F	2. Before starting work check positions of existing services.		Item			
	<u>TEMPORARY WORKS</u>					
G	The Contractor shall provide, maintain and remove on completion of the works all temporary works necessary for the proper execution of the Contract and such temporary works shall be executed at his own expense and constructed and maintained to the satisfaction of the Employers Representative.		Item			
H	The PSCS should identify, plan and organise foreseeable temporary works. The appointed temporary works coordinator shall coordinate with a task specific temporary works designer and relevant permanent works designer via a design brief to confirm all temporary works design assumptions in addition to ensuring the coordination of permanent works can be completed without risk to those involved. The PSCS will cooperate with all relevant parties thereby enabling the PSDP to co-ordinate the design of temporary works.		Item			

	Description	Qty	Unit	Rate	€	c
A	ROADS: provide as necessary all temporary roads, tracks, crossing and hardstanding required for use by Contractor, sub-contractors, suppliers and public bodies.		Item			
B	WHEEL WASH FACILITY: Provide, erect, maintain and remove on completion of the Works wheel cleaning facilities as necessary to prevent mud being deposited on school and public roads.		Item			
C	TEMPORARY OPENINGS FOR ACCESS: obtain approval of proposals before starting work.		Item			
D	ACCOMMODATION: provide as necessary temporary sheds, offices, messrooms, sanitary accommodation and other temporary buildings required for your own use and domestic sub-contractors use. Thoroughly clean area used for location of accommodation, make good and leave in unimpaired condition on substantial completion of the Works.		Item			
E	ROOM FOR MEETINGS: provide suitable temporary accommodation for site meetings and Consultants other meetings, adequately heated and lit, with table and chairs for twelve people. The room may be part of the Contractor's own site offices.		Item			
F	SANITARY ACCOMMODATION: connect the temporary sanitary and washing facilities to the existing foul sewer drainage outside the Contractors compound area; the location of the temporary connection is to be agreed jointly with the Employers Representative and Employer. Comply the Health Authority's standards. The use of dry closets will not be permitted. Make good existing facilities on substantial completion of the Works. The Contractor shall be deemed to have allowed for one or more off-site compounds, welfare facilities and storage locations as may be necessary for efficient execution of the Works across both sites.		Item			
G	Contractor welfare facilities should be adequate for all site users; provide daily cleaning service, comply with standards and make good as before specified.		Item			

	Description	Qty	Unit	Rate	€	c
A	PROTECTION: provide temporary fencing, hoardings, screens, fans, planked footways, guard rails, gantries and the like as may be necessary for protecting the public and others, for the proper execution of the Works and for meeting the requirements of any Local or other Authority.		Item			
	<u>TEMPORARY SERVICES</u>					
B	TELEPHONES: provide temporary facilities for your own use.		Item			
C	WATER: provide clean, fresh water for the Works and make temporary arrangements for storing and distributing about the site. Ascertain independently the available capacity, source, location and supply point and pay all costs.		Item			
D	LIGHTING AND POWER: provide electricity and all equipment for lighting and power for the Works and make temporary arrangements for distributing about the site. Ascertain independently the available voltage, type of supply, location of supply point and pay all costs.		Item			
	<u>LABOUR/PLANT</u>					
	PLANT COSTS: provide all plant, tools and vehicles for the execution of the Works:					
E	1. bring to site and remove on completion.		Item			
F	2. maintain on site for the duration of the Works.		Item			
G	TRANSPORT: provide for transport for work people.		Item			
H	DISBURSEMENTS: provide for all disbursements arising from the employment of work people.		Item			
J	TESTING MATERIALS: provide all apparatus, materials and transport required for testing and include for all costs other than the nett charges of the Testing Authority for the actual tests.		Item			

	Description	Qty	Unit	Rate	€	c
A	Allow for testing materials by an independent authority(s) approved by the Employers Representative. <u>ACCURACY/SETTING OUT</u>		Item			
B	TOLERANCES: unless specified otherwise construct the Works to levels of accuracy so that in relation to BS 5606 Tables 2 and 3.		Item			
C	1. all achieved sizes fall within the permissible deviations, and		Item			
D	2. approximately two thirds of achieved sizes fall within one third of the permissible deviations. <u>APPEARANCE AND FIT:</u>		Item			
E	1. Arrange the setting out, erection, juxtaposition of components and application of finishes (working within the practical limits of the design and the specification) to ensure that there is satisfactory fit at junctions and that the finished work has a well aligned, true and regular appearance.		Item			
F	2. Wherever satisfactory accuracy, fit and/or appearance of the work are likely to be critical or difficult to achieve, obtain approval of proposals of the appearance of the relevant aspects of the partially finished work as early as possible.		Item			
G	NON-COMPLIANCE: work which fails to meet the specified levels of accuracy, appearance and fit must not be rectified without approval. Submit proposals for such rectification and meet all costs arising, including the effects on other work. Allow for the possibility that approval will not be given, necessitating removal and replacement of the work.		Item			

	Description	Qty	Unit	Rate	€	c
A	SETTING OUT: Inform Employers Representative when overall setting out is complete and before commencing construction. The line and levels of formation, side slopes, drainage, carriageways, tracks, footways and hard shoulders shall be carefully set out, and frequently checked, care being taken to ensure that correct gradients and cross sections are everywhere obtained. Check the levels and dimensions of the site against those shown on the drawings and record the results on a copy of the drawings. Notify Employers Representative in writing of any discrepancies and obtain instructions before proceeding. The Contractor shall be entirely responsible for any errors in setting out regardless of whether the Employers Representative has checked the setting out or not.		Item			
B	INSTRUMENTS: provide instruments and assistance for checking the setting out and levels.		Item			
C	RECORD DRAWINGS: record details of all grid lines, setting out stations, bench marks and profiles on the site throughout the contract and hand to Employers Representative on completion.		Item			
	<u>SERVICES</u>					
D	SERVICES REGULATIONS: any work carried out to or which affects new or existing services must be in accordance with the Bye Laws or Regulations of the relevant Statutory Authority and entirely to their inspectors satisfaction.		Item			
E	CUTTING FOR SERVICES to be the minimum necessary. Obtain prior approval of sizes and locations.		Item			
F	CONCEALED SERVICES: to facilitate location for maintenance and repair, positions of concealed service runs to be clearly marked in unobtrusive locations to approval.		Item			

	Description	Qty	Unit	Rate	€	c
A	ROADS AND FOOTPATHS: Ensure that no damage beyond fair wear and tear is caused by site traffic to roads and footpaths outside the site boundaries. Adequately maintain approaches to the site and keep clear of mud and debris.		Item			
B	All necessary measures shall be taken by the contractor to prevent spillage or deposit of clay, rubble or other debris on adjoining roads during the course of the works. Any such material that has been deposited on roads, lanes and public property, litter, and spillage from and material carried on the wheels of vehicles as a result of the contractors operations shall be thoroughly cleansed by him immediately and as often as requested by the Employers Representative.		Item			
C	TAKE all measures necessary to confine construction activities to, and prevent all personnel from trespassing beyond the site area which is allocated to Contractor. Indemnify the Employer against all claims arising in respect of trespass. <u>EMPLOYERS RESTRICTIONS</u>		Item			
D	BURNING of rubbish etc., on the site will not be permitted. The Contractor shall keep readily available adjacent to the Works in locations approved by the Employers Representative not less than five portable fire extinguishers maintained in efficient working order at all times. Adequate notices covering the above requirements shall be posted on site by the Contractor.		Item			
E	RODENT CONTROL: allow for adequate regular rodent control on site by a domestic specialist rodent control firm for the duration of the Works including adjacent and adjoining properties		Item			

	Description	Qty	Unit	Rate	€	c
A	1. No storage of materials which would give rise to emissions to air or water shall be stored on site unless otherwise agreed in writing by the Employers Representative. No noise or vibration, odours, fumes or effluents liable to give rise to reasonable cause for complaint by occupants of properties in the vicinity shall be permitted to emanate from the site.		Item			
B	2. During the course of construction works, the Contractor shall provide on site covered skip/s or other suitable receptacles for the deposit therein of all rubbish, litter, paper, packaging, rubble and other such material arising from the Works. The Contractor shall ensure that the site and its environs are maintained at all times in a clean and tidy condition. Under no circumstances shall waste be burnt on site.		Item			
C	3. Any oil tanks to be kept on site shall be bunded to 110% of its effective volume. Walls and base of bund shall be water tight construction and impervious to the passage of oil.		Item			
D	All necessary measures shall be taken by the contractor to prevent the spillage or deposit of clay, rubble or other debris on adjoining roads during the course of the works. All public roads and footpaths shall be maintained free from dirt and debris during construction. Any damage to the public road/footpath shall be repaired by the developer at his/her own expense to the satisfaction of the Area Engineer. Vehicle wheels shall be cleaned prior to exiting onto the public road so as to ensure no material deposits on the public road. During the construction stage of the proposed development the following best construction practices must be employed to prevent any significant adverse impacts to nearby European sites (i.e. Natura 2000 sites):		Item			

	Description	Qty	Unit	Rate	€	c
A	(a) Works such as soil excavation, soil depositing or soil stripping will not be conducted during or immediately following periods of heavy or prolonged rainfall.		Item			
B	(b) All stockpile areas of sand, gravels and soils should be stored on level terrain and shall be covered during heavy rainfall periods in order to prohibit the mobilisation of sediments.		Item			
C	(c) Works with concrete shall be done during dry conditions for a period sufficient to cure the concrete (at least 48 hours).		Item			
D	(d) Concrete pours shall occur in contained areas.		Item			
E	(e) Washing out of concrete trucks should not be permitted within the site and should be conducted in hard standing areas.		Item			
F	(f) All petroleum products to be banded during the construction stage of the development.		Item			
G	(g) If gravel or handstand materials are being brought on site ensure that the source is free of invasive species such as Japanese Knotweed, Gunnera and Rhododendron.		Item			
H	Waste generated on site during the course of construction shall be disposed off site to licenced waste disposal facilities by licenced disposal contractors in accordance with the Planning Acts. A waste management plan is to be agreed in writing with the Employers Representative prior to commencement of construction activities. Allow for all costs associated with the preparation of waste management plan and implementation of the agreed plan for the duration of the contract.		Item			

	Description	Qty	Unit	Rate	€	c
A	Prior to commencement of development submit to the Planning Authority for written agreement full details of advance warning signs to be erected. Allow for all costs associated with the preparation of details of advance warning signs and implementation of agreed details for the duration of the contract.		Item			
B	LOCATIONS: inform the Employers Representative of the intended siting of all soil heaps, temporary works and services.		Item			
C	STATUTORY OBLIGATIONS: allow for measures necessary to control noise, pollution and comply with all other statutory obligations particularly as required elsewhere in this section. <u>MAINTENANCE OF PUBLIC ROADS</u>		Item			
D	No mechanical plant or vehicles shall be permitted to cross a paved public footway unless there is a permanent footway crossing in existence or a temporary footway crossing has been constructed. The footway crossing shall be the only point at which mechanical plant or vehicles shall enter the site. The Contractor shall be responsible for all damage to existing roads footpaths etc., caused by his own or Sub-Contractor's or Suppliers transport to and from the site. The Contractor shall at all times keep all public and private roads, footpaths, etc., entirely free of excavated materials, debris, rubbish, etc. <u>PROTECTION OF THE PUBLIC, THIRD PARTIES AND VISITORS</u>		Item			
E	1. Provide for the protection of the public from site operations and for protecting third parties and visitors to the site in accordance with all statutory requirements.		Item			
F	2. Provide for providing identifiable site perimeter, erecting, maintaining, adapting all hoardings and removing them off site on completion.		Item			

	Description	Qty	Unit	Rate	€	c
	<u>TRAFFIC REGULATIONS</u>					
A	Make necessary arrangements with the Gardai and the Local Authority and comply with their requirements including wheel washing, etc., to provide access for lorries, plant, etc., to the site. Comply with all traffic regulations or restrictions. Obtain and comply with the conditions of necessary Road Closure Order(s) required and pay all costs and expenses in connection therewith.		Item			
	<u>CONTROL OF NOISE AND POLLUTION, STATUTORY OBLIGATIONS</u>					
B	Take adequate precautions to protect persons and property from damage or nuisance caused by noise or pollution. Any enforced delay resulting from lack of such adequate precautions will not be regarded as force majeure. Comply with all other obligations.		Item			
	<u>LOCAL GOVERNMENT (WATER POLLUTION) ACTS 1977 & 1990.</u>					
C	Provide for prevention of spillage from oil tanks, stand-by generators, oil browsers, compressors, hydraulic oil tanks, barrells etc. by placing in secure bunded or paved areas such that any spillages are contained. The paved area shall drain to a central sump and three stage oil interceptor trap and discharge from the interceptor trap shall be connected to the foul sewer.		Item			
D	Provide for prevention of uncontrolled discharge of groundwater from excavations which is discharged onto footpaths and roadways, into surface water drain, into ditches, streams, canals, rivers and sometimes into sewers. Groundwater may be discharged only under licence granted in accordance with the above Acts. Contractors are obliged to apply for a licence for the discharge of ground water (trade effluent) to waters or to sewers. All such dewatering shall be discharged via a primary settlement tank system of adequate retention time and if necessary, a secondary filtration system.		Item			

	Description	Qty	Unit	Rate	€	c
	<u>PREPARATORY WORKS</u>					
A	All materials delivered to the site or prepared in the Contractor's or Manufacturer's shops or premises to be subject to inspection by the Employers Representative or his representative before being incorporated in the works.		Item			
	<u>SETTING OUT</u>					
B	The Contractor shall accurately perform all setting out and will be responsible for any errors in setting out regardless of whether the Employers representative has checked the setting out or not. The Contractor shall provide all templates, rods, levels and setting out boards, etc. as may be necessary for this purpose and where required maintain these for reference during progress of works. Should any error arise, it shall be corrected to the satisfaction of the Employers Representative at the cost of the Contractor.		Item			
	<u>PLANT TOOLS AND VEHICLES</u>					
C	Provide all plant tools and vehicles necessary to comply with the Works Requirements. Provide for bringing to site and removing on completion. Provide for maintaining on site for the duration of the works.		Item			
	<u>SITE ADMINISTRATION</u>					
D	Include for adequate and suitably experienced personnel, suitably equipped and housed on site to provide for Site Administration and for the keeping of all statutory records.		Item			
	<u>PROTECTING THE WORKS FROM INCLEMENT WEATHER</u>					
E	Protect the works from inclement weather as directed or necessary, covering railings surfaces concrete or other materials requiring same, make good and reinstate all work in any way damaged by inclement weather and all pointing injured by frost.		Item			

	Description	Qty	Unit	Rate	€	c
	<u>SECURITY OF SITE PERSONNEL</u>					
A	Provide for the employment of security personnel to protect the contractor's personnel during working hours, overtime working, or at any other times as appropriate. Security personal must be licensed in accordance with the private security Services Act, 2004		Item			
	<u>WELFARE FACILITIES</u>					
B	Provide Welfare Facilities for work people in compliance with the fourth schedule of the safety and welfare at work (construction) regulations.		Item			
	<u>TRADE UNION AND LOCAL LABOUR</u>					
C	1. Every possible means must be availed of on the part of the Contractor and his Foreman in charge of the works to ascertain that the clauses with reference to Trade Union and Local Labour are complied with.		Item			
D	2. Persons engaged upon the works should insofar as practicable and without affecting the efficiency of the work be recruited from the local offices of F.A.S. the National Training and Employment Authority to the extent that the total labour requirements of the contract exceeds the contractor's core workforce.		Item			
E	3. In accordance with this requirement a local labour quota of 10% must be met requiring that unemployed local youth or local long term unemployed be employed, subject to availability and competence. Job applicants qualifying under the criteria will be identified by the Local Job Centre and given certified pre-site training by F.A.S.		Item			

	Description	Qty	Unit	Rate	€	c
A	4. The areas of recruitment which will be deemed to satisfy this quota requirement will be: - Apprenticeships as identified, pre-site trained and recommended by Solas and Local Job Centre. Tradesmen and operatives who have been classed as long-term unemployed and identified, retained and recommended by Solas and Local Job Centre. Domestic sub-contractors, either directly employed in the works or providing ancillary services to the contractor , such as security, (licensed) catering, cleaning, which would be identified by the Project Team as engaging labour identified above.		Item			
B	5. Provide for all payments required under legislation, working rule agreements and the like affecting labour in force at the Designated Date.		Item			
	<u>SAFETY, HEALTH AND WELFARE</u>					
C	SAFETY, HEALTH AND WELFARE: allow for measures necessary to ensure compliance with enactments, regulations, working rules, trade union agreements etc. relating to safety, health and welfare of work people and visitors to the site.		Item			
D	The Bill of Quantities is not a design document for the purposes of S.1. No.138 of 2006.		Item			
E	Comply with the Safety Health and Welfare at Work Acts and Regulations current at the date of tender.		Item			
F	Comply with the requirements of the Project Supervisor (Construction) and include for all co-operation, the supply of additional information and resources, and all other matters to ensure that the Project Supervisor (Construction) can fulfill his function as defined in Clause 6 of the Safety, Health and Welfare at Work (Construction) Regulations 2013-2023 (as amended).		Item			

	Description	Qty	Unit	Rate	€	c
A	The Contractor shall be appointed by the Employer 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 and Welfare at Work (Construction) Regulations 2013-2023 (as amended). 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.		Item			
B	Where Construction Work is planned to last longer than 30 working days or the volume of work is scheduled to exceed 500 person-days, the PSCS, before the work begins, shall give notice to the Health & Safety Authority in approved form (i.e. AF2), sent either by registered post or as may be directed from time to time by the Authority.		Item			
C	The Contractor shall be wholly responsible for the adequacy, stability and safety of all operations and methods of construction arising out of or by reason of the contract. The Contractor Warrants that he is a Competent Person, in accordance with Clause 2.5 and clauses referred to therein. The Contractor shall in respect of all persons and site activities provide for and ensure compliance with all Health Safety and Welfare Regulations whatsoever arising in connection with the works and as between the Employer and Contractor. The Contractor shall be responsible for the health and safety of all persons employed or present on the site at all times whether under his direct control or not, and shall ensure that safe practices and safe methods of work are adopted at all times in accordance with clauses 7.3, 7.5, 7.6 and clauses referred to therein.		Item			
D	Full safety records for the last 3 years. These details should include all notifiable accidents/incidents and convictions in any jurisdiction. In addition, please include the number of man hours worked; an outline of the Company's plant and equipment resources; a statement of the average annual resource levels over the past 3 years.		Item			

	Description	Qty	Unit	Rate	€	c
A	The Contractor shall include for procuring that insurance cover required to be obtained and maintained by the Contractor and pursuant to the Main Contract shall provide indemnity in respect of any claim for death, bodily injury or property damage which the Contractor may incur by reason of the performance of the functions and duties of the Project Supervisor for the Construction Stage of the project.		Item			
B	The PSCS shall comply with the provisions of the Safety, Health and Welfare at Work Act 2005 and the Safety, Health and Welfare at Work (Construction) Regulations 2013-2023 including the obligation to : - Co-ordinate the implementation of the construction regulations by contractors; Organise the co-operation between contractors and the provision of information; Co-ordinate the reporting of accidents to the Authority; Notify the authority before commences where construction is likely to take more than 500 person days or 30 working days; Provide information to the site safety representative; Co-ordinate the checking of safe working procedures; Co-ordinate the measures to restrict entry to the site; Co-ordinate the provision and maintenance of welfare facilities; Co-ordinate arrangements to ensure the craft, general construction workers, and security workers have a Safety Awareness card, e.g. Safe Pass and a Construction Skills card where required; Co-ordinate the appointment of a site safety representative where there are more than 20 persons on site; Appoint a safety advisor where there are more than 100 on site; Provide all necessary safety file information to the PSDP; Monitor the compliance of contractors and others and take corrective action where necessary; Notify the authority and the client of non-compliance with any written directions issued; If necessary, issue directions to designers and contractors; Practical Completion will be conditional on handover of the Safety File information to the PSDP.		Item			

	Description	Qty	Unit	Rate	€	c
A	The Contractor shall include for procuring that insurance cover required to be obtained and maintained by the Contractor and pursuant to the Main Contract shall provide indemnity in respect of any claim for death, bodily injury or property damage which the Contractor may incur by reason of the performance of the functions and duties of the Project Supervisor for the Construction Stage of the project.		Item			
B	The Project Supervisor (Construction) is to allow for full co-operation with the Project Supervisor Design Process in the preparation and hand-over to the client of the Safety File on Substantial Completion.		Item			
C	The Contractor shall include for procuring that insurance cover required to be obtained and maintained by the Contractor and pursuant to the Main Contract shall provide indemnity in respect of any claim for death, bodily injury or property damage which the Contractor may incur by reason of the performance of the functions and duties of the Project Supervisor for the Construction Stage of the project.		Item			
D	Provide all necessary information as requested by the Project Supervisor for the Construction Stage to enable the preparation and completion of the Safety File excluding those drawings and specifications which shall be provided by the appropriate member of the design team.		Item			
E	Provide assistance to the appropriate member of the design team and to relevant sub-contractors in preparing "As Built" drawings for inclusion in the Safety File.		Item			
F	Contractor shall provide GPS or total station surveyed as-built drawings showing pitch levels, drainage runs, chambers, ducts, infrastructure and underground services. Drawings shall show the depth of services as well as the precise alignment thereof.		Item			
G	Upon completion the Contractor shall provide an as-built topographical survey of the completed pitch, fencing, drainage infrastructure, ducts and services in both PDF and DWG format.		Item			

	Description	Qty	Unit	Rate	€	c
	The Safety File will contain but shall not be restricted to the following:					
	1. Summary document detailing main features of building and structure and specific safety aspects all referred to detailed specification drawings O & M files etc.					
	2. The most recent revisions of construction drawings.					
	3. Specification detailing methods of construction.					
A	4. As built drawings showing services including drainage and ducting services. Provide digital as-built topographical survey of completed pitch and associated works in DWG and PDF format.		Item			
B	Refer to the Preliminary Safety & Health Plan for detailed Safety File Specification requirements.		Item			
C	The Safety File is to be completed and issued by the Contractor to the Employer prior to the issue of the Certificate of Substantial Completion.		Item			
D	All documentation making up the safety file shall be issued in both hardcopy (A4 binder) and electronic format (.pdf on cloud link).		Item			
E	Provide adequate protective clothing and safety equipment for the representatives of the Employer and Consultants. These shall include, but are not limited to, the following:		Item			
F	1. 6 sets of good quality, waterproof, coats and pants. These shall not contain advertising names.		Item			
G	2. 6 pairs of waterproof boots of a safety type.		Item			
H	3. 6 safety helmets.		Item			
J	4. provide and maintain a supply of twelve safety helmets for visitors.		Item			

	Description	Qty	Unit	Rate	€	c
	<u>SPARE MATERIALS</u>					
	Allow for providing the following spare materials, all suitably labelled and stored:					
A	1. Provide minimum 25 m2 spare synthetic carpet, matching infill materials and proprietary repair materials on completion.		Item			
B	2. spare line-marking material.		Item			
C	3. spare infill materials.		Item			
D	4. spare fence fittings and netting repair materials.		Item			
	<u>WORK AT COMPLETION/MAKING GOOD DEFECTS</u>					
E	TRAINING: Prior to completion the Contractor shall provide maintenance training to the Employer's representatives covering operation, inspection and maintenance of the synthetic playing surface, fencing systems, netting systems and walkway installations. Contractor shall provide on-site training to Employer's maintenance personnel regarding routine maintenance, brushing, decompaction procedures and warranty requirements.		Item			
F	MAKE GOOD all damage consequent upon the work.		Item			
G	REMOVE all temporary markings, coverings and protective wrappings unless otherwise instructed.		Item			
H	CLEAN the Works thoroughly inside and out, remove all splashes, deposits, efflorescence, rubbish and surplus materials consequent upon the execution of the Works.		Item			
J	MAINTENANCE: Provide one years annual maintenance by way of site visit and set maintenance programme. Provide required maintenance equipment for artificial surface including rotating brushes suitable for tractor mounting.		Item			

	Description	Qty	Unit	Rate	€	c
A	CERTIFICATION: On completion provide independent certification confirming compliance with specified performance criteria including surface regularity, permeability, shock absorption, ball roll and ball rebound requirements.		Item			
B	SPARE MATERIALS: Provide minimum 50 m2 spare synthetic carpet, matching infill materials and proprietary repair materials on completion.		Item			
C	LATENT DEFECTS: During the Defects Liability Period the Contractor shall attend the site as required to rectify settlement, depressions, movement of fencing, gate adjustments, infill migration, synthetic surface defects or drainage defects occurring as a result of workmanship or materials.		Item			
	<u>Other Items</u>					
D	Provide for all labour, materials, plant and all items which are not specifically allowed for in this section of the works but which can be reasonably inferred from a site inspection and the works requirements as being necessary for the execution and completion of the works. - (List items below)		Item			

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Description	Qty	Unit	Rate	€	c
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	Description	Qty	Unit	Rate	€	c
	<u>ASTRO PITCH INSTALLATIONS</u>					
	Refer to Drg No.'s CE-002, CE-003 and CE-007.					
	<u>Excavation:</u>					
A	Inspect on-site and allow for general site clearance.	1	Item			
B	Excavate topsoil / suitable subsoil commencing at existing ground levels, average 100 mm deep (to be retained on-site for re-use).	4890	m2			
C	Excavate to reduce levels, commencing at existing levels, not exceeding 2.00 m deep (to be retained on-site for filling to make-up levels).	1570	m3			
D	Spray off site area.	4890	m2			
E	Compact and level formation, with lazer controlled dozer to provide recommended fall across pitch.	4890	m2			
F	Allow for CBR testing and reporting on sub-grade at formation level, to determine existing CBR, minimum CBR to be 5%.	4	nr			
	<u>Disposal:</u>					
G	Disposal of surface water.	1	Item			
H	Disposal of topsoil for preservation in temporary spoil heap on site.	265	m3			
J	Disposal of surplus topsoil on site.	220	m3			
K	Disposal of excavated material on site.	1570	m3			
L	Extra for levelling, placing, grading and compacting surplus topsoil and subsoil excavated material, for use in filling to make up levels.	1790	m3			

	Description	Qty	Unit	Rate	€	c
	<u>Pitch Drains:</u>					
A	Excavate trench for pipe not exceeding 250 mm nominal diameter and bed under average 1.00 m deep commencing at formation level, backfill above pipe bed and surround to formation level with Clause 804 hardcore in 150 mm compacted layers.	1220	m			
B	Gravel bed and surround laid in trench and graded to falls consisting of granular bedding Type A gravel graded from 20 to 5 mm, include for carrying up for the full width of the bed in a square section to a minimum thickness of 500 mm over the top of the pipe in 150 mm bed 300 mm wide under 100 mm pipe, surround with geotextile membrane.	895	m			
C	Ditto in 150 mm bed 450 mm wide under 150 mm pipe, surround with geotextile membrane.	340	m			
D	100 mm Diameter upvc perforated land drain, laid and jointed in trench.	895	m			
E	150 mm Diameter upvc perforated land drain, laid and jointed in trench.	340	m			
F	Extra for bend.	40	nr			
G	Extra for 150 x 150 x 100 mm Y-junction.	20	nr			
H	Composite Item: Construct proposed stone filled soakaway approximately 6.00 m x 6.80 m x 1.50 m deep; excavate to required dimensions and formation levels; dispose of surplus excavated material off site; provide and place approved permeable geotextile membrane to base and sides; fill soakaway with clean graded crushed stone/aggregate to engineers specification; include for all inlet/outlet pipework connections, distribution arrangements, geotextile wrapping, testing, making good, temporary works and all associated excavation support, dewatering and reinstatement works; complete in accordance with engineers details and specifications, refer to Drg No. CE-003.	3	nr			

	Description	Qty	Unit	Rate	€	c
A	Allow for testing pitch drainage system, demonstrate satisfactory operation of pitch drainage installation including flushing, flow testing and recording of results. <u>Inspection Chambers:</u>	1	Item			
B	Wavin, or equivalent, uPVC circular inspection chamber and lockable heavy duty covers suitable for sports applications complete, inspection chamber, 0.45 m diameter, 0.50 - 1.00 m deep, designed in accordance with BSEN 13598-2, include concrete grade 15 in 150 mm thick surround, include excavation complete and formwork: <u>Site Membrane:</u>	6	nr			
C	Terram 1000 and TX 160 geogrid geotextile membrane, lay over surface of selected excavated areas, overlap 300 mm at joints, fasten with pegs. <u>Sub-base Filling:</u>	4890	m2			
D	50 mm clean crushed stone to comply with Annex E of SR 21:2014, well graded, lay and compact in layers not exceeding 150 mm thick in accordance with Clause 802 with a vibrating roller or equivalent in the range 1800 - 5000 kg in filling to make up levels, in pitch sub base, not exceeding 250 mm thick. <u>Surface Treatments:</u>	685	m3			
E	38 mm chips, 80 mm nominal thick, in levelling layer, laid over hardcore sub-base, include for levelling and compacting using laser guided machines.	4890	m2			
F	40 mm Nominal thick selected 4 - 6 mm grit blinding course, levelled and compacted, laid over levelling layer, include for levelling and compacting using laser guided machines.	4890	m2			
G	Allow for compaction test on finished sub-base to ensure compacted dry density is 95%.	4	nr			

	Description	Qty	Unit	Rate	€	c
A	Allow for rolling, compacting and cross-rolling prepared area. <u>Edging:</u>	4890	m2			
B	Precast concrete grade 35 edge kerb, with square top edge, 50 x 150 x 915 mm long, bed on 13 mm cement mortar bed, fill and fair point joints with cement mortar, include excavation complete, concrete grade 20 in 300 x 150 mm thick kerb foundation and 130 x 160 mm high haunching to both sides of kerb, backfill back of kerb with free draining gravel to finish flush with top of kerb.	290	m			
C	Extra over for curved work. <u>Carpet:</u>	20	m			
D	Supply and install 20 mm pre-fabricated shock pad, shock absorption and ball roll characteristics to FIFA Quality standards, all in accordance with manufacturers instructions.	4890	m2			
E	Supply and install 60 mm monofilament 3G FIFA certified synthetic grass system, including all seams, adhesives, jointing tapes and accessories; suitable graded kiln dried silica sand infill and SBR rubber crumb performance infill applied using approved infill machinery; laid on approved shock pad system (measured separately); complete in accordance with manufacturers recommendations and European Commission regulations applicable to polymeric infill materials; system to achieve FIFA certification and compliance with applicable GAA, soccer and rugby governing body requirements.	4890	m2			
F	Allow for providing independent certification confirming compliance with specified surface regularity, permeability, shock absorption, ball roll, ball rebound and performance requirements.	1	Item			

	Description	Qty	Unit	Rate	€	c
	<u>Sports Equipment:</u>					
A	Supply and install self-weighted mobile soccer goals comprising aluminium framed goals, approx. size 24' x 8' (7.32 m x 2.44 m) overall, complete with polyester powder coated finish, self-weighted integral ballast system, goal nets, net supports, wheels/castors for mobility, anchorage/safety systems and all associated fittings/accessories; goals to comply with relevant safety standards and governing body requirements; include for assembly, positioning and commissioning complete.	2	nr			
	<u>Line Marking:</u>					
	Line marking to be permanently tufted / inlaid within synthetic grass carpet during manufacture; line markings to comply with FIFA Quality Programme for Football Turf and EN15330-1 requirements, in:					
B	Pitch line marking to Soccer standard, to suit plan size 90 x 45 m.	1	Item			
	<u>Maintenance:</u>					
C	Allow for providing one years annual maintenance by way of site visit and set maintenance programme.	1	Item			
D	Allow for providing maintenance equipment recommended by synthetic grass manufacturer including drag brush, grooming brush and associated maintenance accessories suitable for the installed system.	1	Item			

	Description	Qty	Unit	Rate	€	c
	<u>Warranties:</u>					
A	Allow for providing a 20-year assignable manufacturer's performance warranty for the complete synthetic pitch system, supported under the FIFA Preferred Producer Programme (or equivalent approved), together with the Contractor's obligations and warranties in accordance with the Contract. On completion, provide independent certification by an accredited testing body confirming that the completed installation complies with the specified performance criteria, including surface regularity, permeability, shock absorption, vertical deformation, ball roll, ball rebound, rotational resistance and any other requirements of the Specification and the relevant FIFA Quality Programme (or equivalent approved standard). The cost of all testing, certification and any remedial works necessary to achieve compliance shall be deemed to be included in the Contract Sum.	1	Item			
	<u>Training:</u>					
B	Allow for providing training day for school management covering operation, inspection and maintenance of synthetic playing surface, maintenance equipment, warranties and recommended maintenance procedures; include training materials and operating manuals.	1	Item			
	<u>Protection (ARM Qualification)</u>					
	Protect the following existing works located within / adjacent to the Contractors working area, allow for making good and reinstate as necessary; hand over in perfect condition:					
C	Existing boundary walls / railings.	1	Item			
D	Existing road / footpath areas.	1	Item			
E	Existing site fittings / furniture.	1	Item			
F	Existing site services.	1	Item			
G	Existing trees/landscaping.	1	Item			

Description	Qty	Unit	Rate	€	c
<u>Other Items</u> Provide for all labour, materials, plant and all items which are not specifically allowed for in this section of the works but which can be reasonably inferred from a site inspection and the works requirements as being necessary for the execution and completion of the works. - (List items below)		Item			

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ASTRO PITCH INSTALLATIONS Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	<u>PITCH FENCING INSTALLATIONS</u>					
	<u>Fencing</u>					
	Refer to Drg No.'s CE-002, CE-003, CE-004, CE-005 and CE-007.					
A	Supply and install rigid welded mesh perimeter fencing system comprising weldmesh type twin wire 868, or equivalent, approximately 2.40 m high overall; panels formed from galvanised steel welded mesh with profiled horizontal strengthening ribs; polyester powder coated finish to manufacturers standard colour; fixed to galvanised and powder coated RHS steel posts using proprietary vandal resistant clamp bars, brackets, bolts and security fixings; include for all posts, caps, rails, brackets, ties and associated accessories; set posts in reinforced concrete foundations generally 300 x 300 x 600 mm deep or as detailed by Engineer/manufacturer; include for excavation, disposal of arisings, concrete, making good and all temporary supports; complete in accordance with manufacturers instructions and drawing details.	290	m			
B	Extra over for curved work.	20	m			
C	Extra for corner posts, include 3 no. 80 x 80 mm galvanised SHS posts, refer to Drg No. CE-004.	4	nr			
D	Extra over for supply and install of matching Nylofor / weldmesh single pedestrian access gate size 1.00 m wide x 2.40 m high, comprising galvanised and powder coated steel framed welded mesh infill gates complete with posts, hinges, adjustable ironmongery, drop bolts, locking arrangements, stops, latches and all associated fittings; include for concrete foundations to posts generally 300 x 350 x 600mm deep; complete in accordance with drawing details and manufacturers requirements.	2	nr			
E	Ditto, but vehicular access double gate size 2.40 m wide x 2.40 m high.	2	nr			

	Description	Qty	Unit	Rate	€	c
	<u>Perimeter Ball Stop Netting</u>					
	Refer to Drg No.'s CE-002, CE-003, CE-004, CE-005 and CE-007.					
A	Composite Item: Supply and install proprietary heavy duty sports ball stop netting system designed to withstand local wind loading generally comprising 3.00 m high additional netting over perimeter fencing; system to comprise galvanised and polyester powder coated steel support posts/extensions fixed to welded mesh fencing system, galvanised tension wires/cables, UV stabilised high tensile polypropylene/polyethylene knotless sports netting with reinforced edges, intermediate support wires, tensioning devices, clips, shackles and proprietary fixings/accessories; netting generally to specialist manufacturers standard suitable for football, soccer, rugby and multi-use games applications; include for all brackets, stays, bracing members, foundations, excavation, concrete, temporary supports, erection, tensioning, making good and all associated ancillary works; complete in accordance with specialist manufacturers recommendations and drawing details; include structural certification by specialist manufacturer confirming suitability for design wind loading applicable to site.	290	m			
B	Extra over for curved work.	20	m			
C	Extra over for 10.00 m high additional netting to rear of goals; 2 nr areas x 20 m long.	40	m			
	<u>Protection (ARM Qualification)</u>					
	Protect the following existing works located within / adjacent to the Contractors working area, allow for making good and reinstate as necessary; hand over in perfect condition:					
D	Protect existing trees, root zones and landscaping during construction including temporary fencing and making good any damage.	1	Item			

Description	Qty	Unit	Rate	€	c
<u>Other Items</u> A Provide for all labour, materials, plant and all items which are not specifically allowed for in this section of the works but which can be reasonably inferred from a site inspection and the works requirements as being necessary for the execution and completion of the works. - (List items below)		Item			

Description	Qty	Unit	Rate	€	c
COLLECTION Page No. 3/1 Page No. 3/2 Page No. 3/3 ASTRO PITCH FENCING AND NETTING INSTALLATIONS Carried to Summary					

	Description	Qty	Unit	Rate	€	c
	<u>WALKING TRACK</u>					
	Refer to Drg No.'s CE-002, CE-003, CE-004, CE-005 and CE-007.					
	<u>Excavation:</u>					
A	Inspect on-site and allow for general site clearance.	1	Item			
B	Excavate to reduce levels, commencing at existing levels, not exceeding 2.00 m deep.	290	m3			
	<u>Disposal:</u>					
C	Disposal of surface water.	1	Item			
D	Disposal of excavated material on site.	290	m3			
E	Extra for taking from temporary spoil heap and levelling, placing, grading and compacting approved selected excavated material in filling to make up levels.	290	m3			
	<u>Hardcore</u>					
	The Clause numbers refer to Specification 800 Sub-Bases and Roadbases issued by the Department of the Environment and to BS EN 13242:2002.					
	Hardcore must achieve 95% compaction in accordance with the NRS Specification.					
	Hardcore is to comply with Annex E of SR 21:2014 comprising crushed stone, well graded within 75 mm BS sieve size of Table 8/3, lay and compact in layers not exceeding 150 mm thick in accordance with Clause 802 with a vibrating roller or equivalent in the range 1800 - 5000 kg in:					
F	Filling to make up levels, not exceeding 250 mm thick.	180	m3			
	<u>Surface Treatment</u>					
G	40 mm Nominal thick limestone dust blinding laid over hardcore base.	900	m2			

Description		Qty	Unit	Rate	€	c
A	<u>Surfacing</u>					
	50 mm Nominal thick selected 4 - 6 mm grit blinding course, levelled and compacted, laid over limestone dust, include for levelling and compacting.	900	m2			
B	<u>Other Items</u>					
	Provide for all labour, materials, plant and all items which are not specifically allowed for in this section of the works but which can be reasonably inferred from a site inspection and the works requirements as being necessary for the execution and completion of the works. - (List items below)		Item			

Description	Qty	Unit	Rate	€	c
SUMMARY PRELIMINARIES ASTRO PITCH INSTALLATIONS ASTRO PITCH FENCING AND NETTING INSTALLATIONS WALKING TRACK TOTAL AMOUNT INCLUDING VAT 1/1 - 4/3 .	Page No. 1/58 2/8 3/4 4/3				

3. VAT ANALYSIS (NOT CARRIED TO FORM OF TENDER)

Contract: Sports Facility Development at Scariff Community College, Scariff, Co. Clare for Limerick & Clare Education & Training Board

€

Pricing Document Total Exclusive of VAT (brought forward)

Please state VAT rate(s) applicable and values to which each rate applies:

VAT @ 0% on € _____

VAT @ 13.5% on € _____

VAT @ 23% on € _____

Total Value Inclusive of VAT

€

VAT shall be dealt with in accordance with current Revenue requirements and the Relevant Contracts Tax / Principal Contractor provisions applicable at the Contract Date. The "Principal Contractor" for this Contract is the Employer. No VAT is to be included in this tender at 13.5%, as this will be accounted for by the Principal Contractor.