EMPLOYERS REQUIREMENTS

FOR

THE CONSTRUCTION OF TWO POROUS ASPHALT TENNIS COURTS AND ASSOCIATED WORKS

AT

STRUTT MEMORIAL GROUND

FOR

HATDIELD PEVEREL PARISH COUNCIL

DECEMBER 2024

PREPARED

ΒY



S.F.P.D. PROJECT REF. NR. 2023 CAS 037 STATUS : TENDER ISSUE ER 02 09.12.2024

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SECTION 1.00

PRELIMINARY PARTICULARS

1.01 General



This document sets out the Employers Requirements to be included in the Conditions of Contract in respect of the Design and Construction of the Works described herein and includes the obligations and restrictions to be imposed upon the Contractor.

1.02 Project

The works comprise the design and construction of various works detailed within Section 2.00 of this document.

1.03 Parties and Consultants

Employer :-

Hatfield Peverel Parish Council Village Hall Maldon Road Hatfield Peverel ESSEX. CM3 2HP.

Employers Representative :-

Mrs Sarah Gaeta Tel. 01245 382865

Email. parishclerk@hatfieldpeverelpc.com

Tennis Court Surface Consultants :-

Sports Facility Planning & Design Limited 39 Hemwood Road Windsor BERKSHIRE. SL4 4YX.

Contact : Mr L. West Email office@sfpad.co.uk

Tel. 01753 850123 Mob. 07770 366259

Employers Agent :-

Sports Facility Planning & Design Limited 39 Hemwood Road Windsor BERKSHIRE. SL4 4YX.

Contact : Mr L. West Email office@sfpad.co.uk

Tel. 01753 850123 Mob. 07770 366259



1.04 Site Location

The site of the proposed works is located on land at Strutt Memorial Ground, Maldon Road, Hatfield Peverel, ESSEX. CM3 2HP.

1.05 Access to the Site

Access to the site area will be from an contractors temporary access road (metal or plastic interlocking plate with fencing to both sides) from the existing overflow car park which forms part of these works. The Contractor shall allow for forming a suitable temporary site entrance and reinstatement of this on completion of the works.

1.06 Limitations of Working Space

The Contractor shall confine everything pertaining to the Contract within the area of the proposed works and surrounding areas.

The Contractors operations are to be confined to the minimum area required to carry out the works which shall be executed carefully so as to cause minimum nuisance and inconvenience to the users of adjoining facilities.

1.07 Restrictions on Working Hours

Generally no specific restrictions will be placed upon normal working hours other than weekend working (i.e. Saturdays, Sundays and Bank Holidays) which will not be permitted without prior formal approval from the Employer.

The Contractor is required to state within their tender during what hours they propose to undertake the works.

1.08 Trespass and Nuisance

All reasonable means shall be used to avoid inconveniencing adjoining owners and occupiers.

No persons employed on the works shall be allowed to trespass on adjoining properties.

The Contractor shall indemnify the Employer against any claims or action for damage on account of any trespass or other misconduct of the Contractors' employees.

The Contractor or any of their subcontractors, their staff and workmen will not be allowed to park any vehicles or plant on the surrounding roads.



1.09 Inspection of the Site

The Contractor is recommended to visit the site and surrounds as no claim due to lack of knowledge which could have been obtained by such a visit will be entertained.

Permission to visit the site may be obtained from the Employer.

1.10 Drawings and Other Documents

The Planning Application and Construction Layout Drawings will be issued with these Tender documents and this will indicate the layout of the proposed tennis courts.

1.11 Name Boards

Not required.

1.12 Advertisements

All rights of advertising on the site shall be reserved by the Employer and the Contractor shall take all necessary measures to ensure that no unauthorised advertising takes place.

1.13 Publicity

No information, either written or verbal, nor photography or drawings concerning this Contract shall be supplied by the Contractor to any persons without the written authority of the Employer.

1.14 Programme

The Contractor shall before being given possession of the site prepare and submit their proposed programme for the execution of the works for comment by the Employer.

Thereafter the Contractor shall amend and revise the programme as required by the Conditions of Contract or as requested by the Employer.

1.15 Method Statement

The Contractor should provide, at the time of tendering, a statement describing their proposed general and detailed arrangements and methods for carrying out the works.

The Method Statement should include details of how all stages of the works will be executed. It should detail procedures to ensure the specified parameters are obtained, the appropriate climatic conditions in which the surfacing can be laid, the appropriate Health and Safety requirements and training that personnel will undergo prior to working on site.



The document should indicate areas of work that will be sub- contracted and detail the company(s) that will be employed.

1.16 Site Meetings

Formal pre-start, monthly progress or stage completion and practical completion hand over meetings will be held by the Employer and minutes will be taken and distributed by the Contractor.

1.17 Plant, Tools and Vehicles

The Contractor shall allow for providing all plant, tools and vehicles necessary for the completion of the Works.

1.18 Site Administration

The Contractor shall allow for all necessary site administration for the proper execution of the Works. Prior to commencing the works on site the Contractor shall confirm to the Employer the name of the person in charge of the site together with brief details of his experience. This person is not to be changed without the prior agreement of the Employer, which will not be unreasonably withheld.

The Contractor shall ensure that the works and the site are properly protected and secured at all times, including any works outside the site boundary, and that the Employer is indemnified against any claim for loss, damage, theft or the like. The use of guard dogs will not be allowed.

1.19 Site Security and Temporary Fencing

The Contractor shall provide all temporary and permanent fencing as necessary.

The Contractor must provide for situating his temporary buildings and offices and the storing of materials etc. within the site boundaries.

The site is to be maintained in a secure state until completion at which time all temporary fencing, building materials and equipment is to be removed and all works made good. The site is also to be left in a safe and tidy state at the end of each working day.

1.20 Water for the Works

The Contractor shall allow for providing water for the whole of the Works including all temporary arrangements for storing and distributing. The club has confirmed that a water supply will be made available to the contractor during the works from the existing Pavilion building.

1.21 Lighting and power for the works

The Contractor shall allow for providing all necessary artificial lighting and supplying electric power for mechanical tools and plant for the whole of the Works to a standard not inferior to that laid down in the Institute of Electrical Engineers' Regulations.

PRELIMINARY PARTICULARS 1/4



1.22 Temporary Roads, Hard Standings etc.

The Contractor shall allow for providing all temporary roads, hard standings, crossings and the like necessary for carrying out the whole of the Works and removing the same on completion.

1.23 Temporary Accommodation for Use by the Contractor

The Contractor shall allow for providing and maintaining all necessary temporary offices or storage for materials for his own requirements.

No offices, stores or temporary buildings shall be erected on site without first obtaining the consent of the Employer as to the position in which they are to be erected.

1.24 Temporary Telephone

Not required.

1.25 Safety, Health and Welfare of Work people

The Contractor shall allow for providing and maintaining all welfare and safety measures to a standard not inferior to that laid down in statutory instruments, rules and orders and subsequent amendments thereto for all workmen employed on the site including the employees of Subcontractors.

Sanitary accommodation for workmen and staff shall be provided, connected to existing drainage where practicable, and maintained in a thoroughly clean, deodorised and orderly condition. The Contractor may use the 'Terraces' public toilets located adjacent to the Club if they so require. All huts and other temporary facilities shall be removed, and contaminated soil disinfected and all damage made good on completion of the Contract.

The Contractor must provide industrial safety helmets complying with the latest BS for the use of all personnel including subcontractors and authorised visitors attending the site. He will be expected to use his best endeavours to ensure that the helmets are worn by all such personnel on site in accordance with current legislation.

The Contractors' attention is particularly drawn to his obligations under the Health and Safety at Work Act etc., 1974.

1.26 Maintenance of Roads Etc.

The Contractor shall maintain all public and private roads, footpaths, paved areas, boundary walls and fences on or adjacent to the site in their present condition and on completion, make good any damage arising from the works and reinstate to the satisfaction of the Employer.

The Contractor is to make good any damage caused to any land, public and private roads, footpaths, services under, kerbs, paved areas, boundary walls, and fences etc.. by their own and by subcontractors and suppliers plant, transport and activities, at their own expense or pay the cost and charges in connection therewith.



The Contractor is to carry out a photographic survey of the site boundaries, footpaths and roads and agree this with the Employer prior to works commencing.

No storage of materials will be allowed on the adjoining roads or pavements.

1.27 Keeping Roads, etc. Clean

The Contractor shall keep any public, private and existing roads, footpaths and paving on or adjacent the site or used by traffic entering or leaving the site in a clean and unobstructed and safe state to the satisfaction of the Employer, the Police and the Local Authority. He shall use all means to prevent mud or rubbish of any kind being carried on to such roads, footpaths and paving, by vehicles belonging to himself or any other subcontractor to the reasonable satisfaction of the Employer.

Where, however, in spite of such precautions, mud or rubbish is carried on to the roads, footpaths or paving, he must immediately clean up such mud or rubbish at his own expense by scraping, brushing, shovelling and removing to tip. Special attention must be given to prevent mud becoming embedded in the road and footpath surfaces.

1.28 Removing Rubbish etc.. and Cleaning Works on Completion

The Contractor shall allow for removing all rubbish, protective casings, coverings and debris from the site.

1.29 Police Regulations

Police regulations shall be ascertained and the Contractor shall allow for complying with any such regulations or requirements concerning pedestrian or vehicular traffic control, the loading and unloading of or waiting by vehicles on the public highway, site ingress and egress, safety precautions and other matters affecting the works.

1.30 Control of Noise and Pollution

The attention of the contractor is drawn to the provision of Section 60 of the Control of Pollution Act 1974 with references to the control of noise in relation to any construction works, and must comply therewith.

The Contractor is recommended to confer with the Chief Environmental Officer in relation to proposed method and noise level resultant.

1.31 Planning Consent & Building Regulations Approval

The Contractor is to allow for any liaisons with the relevant planning authority, for any fees due and for complying with any requirements of the planning authority.

The Contractor shall obtain formal Building Control approval for the works from the Local Authority before the works commence on site.

1.32 The Construction (Design and Management) Regulations 2015



This Contract will be executed strictly in accordance with the Regulations.

The Contractor named in the Articles of Agreement of the Contract will be deemed the Principal Contractor.

The Principal Designer will be as stated below, or his successor as confirmed in writing by the Employer.

The Health and Safety Information document that has been established for this project by the Principal Designer is attached to these Employers Requirements, and the Contractor shall incorporate this in his own Health and Safety Plan.

The Contractor shall, if formally requested, submit his Health and Safety Plan for the project with his tender and shall execute the whole of the Contract strictly in accordance with this.

The Contractor shall allow the Principal Designer access to the Works and afford him every reasonable facility for the performance of his duties.

The Contractor shall co-ordinate with the Principal Designer, execute the Health and Safety Plan and contribute as required to the Health and Safety File.

Principal Designer : S.F.P.D. Limited

Contact: As before

1.33 Shared Use of the Site

During the construction period the existing public recreation ground will remain operational utilising the areas not directly affected by these Contract Works.

The Contractor shall allow and make necessary arrangements for the joint use of access roads, parking, paths, surfaces etc.., to the areas which remain in use including providing temporary diversions, facilities etc.., as may be required to maintain the operation of the public recreation ground.

The contractor shall ensure that the public highway and footpath crossover is left unobstructed at the end of each working day.

1.34 Ground Conditions & Site Investigation

It is the responsibility of the Contractor to satisfy themselves as to the nature of the existing ground, the bearing capacity and the required court sub-base design for this project.

The responsibility for the court sub-base design must lie entirely with the Contractor and no increase in the tender price or subsequent Contract Sum will be allowed for any costs of whatever nature.



On the award of the contract the successful Contractor will have been deemed to have undertaken their own site investigation prior submitting their tender for the works. No claims will be accepted for lack of information or inaccuracies in this respect.

1.35 Tender Submission

The Contractor is to provide the following within his Contractors Proposals :-

- i) Detailed specifications for all aspects of the court works
- ii) General Method Statement for the overall execution of the works
- iii) CV's for all site supervisory personnel (Site & Contracts Manager's)
- iv) Programme for the Works
- v) Information as requested by the CDM Co-Ordinator
- vi) Working hours (Monday Friday only)
- vii) List of Proposed Construction and As Built Drawings for the works
- viii) Performance information in respect of the court colour coatings and line markings
- xi) Indicative maintenance schedule and requirements for court surfaces
- x) Anticipated design life of court surfaces
- xi) Details of any warranties provided.

1.36 Co-ordination with Floodlighting Contractor

The court works may be carried out concurrently, and in conjunction with, the installation of floodlighting by a separately appointed lighting contractor.

The court works contractor shall allow for all co-ordination and co-operation with the floodlighting contractor appointed by the Employer.



1.36 CONTRACT PARTICULARS

A20 JCT DESIGN AND BUILD CONTRACT

221 JCT DESIGN AND BUILD CONTRACT

- The contract: JCT Design and Build Contract (DB), 2016 Edition.
- Requirement: Allow for the obligations, liabilities and services described therein against the following headings:

THE RECITALS

First

THE WORKS

- Comprise: The construction of two outdoor tennis courts and all associated works

Fifth

DIVISION OF THE WORKS INTO SECTIONS

The Fifth Recital shall be deleted.

THE ARTICLES

3

EMPLOYER'S AGENT

Employer's Agent: Sports Facility Planning & Design Limited

5 and 6

CDM PRINCIPAL DESIGNER/ PRINCIPAL CONTRACTOR

- CDM Principal Designer: Sports Facility Planning & Design Limited
- Principal Contractor: To be appointed
- 9

LEGAL PROCEEDINGS

Amendments: None

CONTRACT PARTICULARS

PART 1: GENERAL

Fourth recital and clause 4.5 CONSTRUCTION INDUSTRY SCHEME (CIS)

Employer at the Base Date is not a contractor for the purposes of the CIS.

Fifth Recital

DESCRIPTION OF SECTIONS

- Description of Sections:
- Not Applicable.



Sixth Recital FRAMEWORK AGREEMENT

- Framework Agreement:
- Not Applicable.

Seventh Recital

SUPPLEMENTAL PROVISIONS - Supplemental Provisions:

- Not Applicable.

Article 4

EMPLOYER'S REQUIREMENTS, CONTRACTOR'S PROPOSALS, CONTRACT SUM ANALYSIS

- Employer's Requirements: The Employer's Requirements together with drawings are as comprised this Document dated December 2024.
- Contractor's Proposals: Document described as Contractors Proposals to be submitted by Principal Contractor. The Contractor's Proposals shall set out details of materials/equipment not stated herein and attach relevant trade literature.
- Contract Sum analysis: As contained within the Contractors Proposals.
- Specific Requirements: The Contractor shall submit a Contract Sum Analysis with his Tender which is to provide a detailed build-up of the separate items that comprise his Tender and total to the sum stated on the Form of Tender. This information should be sufficient to demonstrate the quality standard selected by the contractor and analysed into materials, labour and other costs for all elements of the works and include a separate breakdown of the total price against each separate section of the works to total to the sum stated on the Form of Tender. The breakdown should be as detailed in Section 3.00 of the Employers Requirements. The information in the Contract Sum Analysis is to be in sufficient detail to enable any variation to the Works to be properly measured and valued in accordance with the Conditions of Contract.

Article 8

ARBITRATION

Article 8 and clauses 9.3 to 9.8 (arbitration) Shall not apply.

Clause 1.1 BASE DATE

- Base Date: November 2024.

Clause 1.1

CDM Planning Period

C.D.M. Planning period: Two weeks ending on the date of Possession

Clause 1.1

DATE FOR COMPLETION OF THE WORKS

- Date for completion of the Works : Ten Weeks from the date of possession excluding permanent colour coating and line markings



Clause 1.7 ADDRESSES FOR SERVICE OF NOTICES

- Employer: As stated above
- Address: As stated above
- Fax number:
- Contractor: To be appointed
- Address: To be advised.
- Fax Number: To be advised.

Clause 2.3

DATE FOR POSSESSION OF THE SITE

- Date Possession: Anticipated June 2021

Clause 2.4

DEFERMENT OF POSSESSION OF THE SITE

- Clause 2.4 Applies .

- Where clause 2.4 applies, maximum period of deferment is one week

Clause 2.17.3

LIMIT OF CONTRACTOR'S LIABILITY FOR LOSS OF USE, ETC.

Limit of Contractor's liability for loss of use: None.

Clause 2.29.2

LIQUIDATED DAMAGES

- At the rate of £ 50 per calendar day.

Clause 2.35

RECTIFICATION PERIOD

Period: Twelve months from the date of practical completion of the Works.

Clause 4.6

ADVANCE PAYMENT AND ADVANCE PAYMENT BOND

- Advance Payment: Clause 4.6 does not apply.

Clause 4.7

METHOD OF PAYMENT - ALTERNATIVES

- Payment: Periodically, in accordance with Alternative B (clause 4.14).
- Dates of Applications for Interim Payment: The first date is : The First Monday within the Calendar Month or day to be agreed between the Employer and the Principal Contractor and thereafter the same date in each month or the nearest Business Day in that month.

Clause 4.15.4

LISTED ITEMS - UNIQUELY IDENTIFIED

- Listed items: A bond as referred to in clause 4.15.4 in respect of payment for such items is required for – Not Applicable .

Clause 4.15.5

LISTED ITEMS - NOT UNIQUELY IDENTIFIED

- Listed items: A bond as referred to in clause 4.15.5 in respect of payment for such items is required for - Not Applicable.



Clause 4.18.1

RETENTION PERCENTAGE

Retention: Five per cent.

Clause 4.19 and Schedule 7 FLUCTUATIONS OPTIONS

- Schedule 7: Fluctuations Option A applies.
- Percentage addition: For Fluctuations Option A, paragraph A.12: per cent addition to be advised by Contractor.

Clause 6.4.1.2

CONTRACTOR'S INSURANCE - INJURY TO PERSONS OR PROPERTY

- Insurance cover (for any one occurrence or series of occurrences arising out of one event): £ 5,000,000.

Clause 6.5.1

INSURANCE - LIABILITY OF EMPLOYER

- Minimum amount of indemnity for any one occurrence or series of occurrences arising out of one event: £ 10,000,000.

Clause 6.7 and Schedule 3

INSURANCE OF THE WORKS - INSURANCE OPTIONS

- Schedule 3: Insurance option A applies.
- Percentage to cover professional fees: 15 per cent.

Clause 6.12

CONTRACTOR'S DESIGNED PORTION - PROFESSIONAL INDEMNITY INSURANCE This clause shall be apply.

- Level of cover: Amount of indemnity required £ 250,000 and relates to claims or series of claims arising out of one event.
- Level of cover for pollution/ contamination claims: £ 250,000.
- Expiry of required period of CDP Professional Indemnity Insurance: 12 years.

Clause 6.14

JOINT FIRE CODE

- The Joint Fire Code: Does not apply.

Clause 7.2

ASSIGNMENT/ GRANT BY EMPLOYER OF RIGHTS UNDER CLAUSE 7.2

- Sections: Rights under clause 7.2 applies

Clause 8.9.2

PERIOD OF SUSPENSION (TERMINATION BY CONTRACTOR)

• Period of suspension: One Month.

Clauses 8.11.1.1 to 8.11.1.6

PERIOD OF SUSPENSION (TERMINATION BY EMPLOYER)

- Period of suspension: One Month.



Clause 9.2.1 ADJUDICATION

- The Adjudicator is: See below.
- Nominator of Adjudicator where no Adjudicator is named or where the named Adjudicator is unwilling or unable to act (whenever that is established): President or a Vice-President or Chairman or a Vice-Chairman of the Royal Institution of Chartered Surveyors.

Clause 9.4.1

ARBITRATION

Appointor of Arbitrator (and of any replacement): President or a Vice President of the Royal Institution of Chartered Surveyors.

PART 2: THIRD PARTY RIGHTS AND COLLATERAL WARRANTIES

Not applicable

THE CONDITIONS

SECTION 1: DEFINITIONS AND INTERPRETATION

1.5 RECKONING PERIODS OF DAYS - Amendments: _____.

1.11

APPLICABLE LAW - Amendments: _____.

SECTION 2: CARRYING OUT THE WORKS

SECTION 3: CONTROL OF THE WORKS

SECTION 4: PAYMENT

SECTION 5: CHANGES

SECTION 6: INJURY, DAMAGE AND INSURANCE

SECTION 7: ASSIGNMENT, THIRD PARTY RIGHTS AND COLLATERAL WARRANTIES

SECTION 8: TERMINATION

SECTION 9: SETTLEMENT OF DISPUTES

EXECUTION

- The Contract: Will be executed as a Deed .

CONTRACT GUARANTEE BOND

- Contract Guarantee Bond



The following amendments to the Form of Contract will be applicable:-

Article 1 - Line 1

Insert after "the Works" the words", accepting design liability for the whole of the works".

Amendment :-

Insert after "Interim Payment" the words" and contractors V.A.T. invoice".

Clause 4.10.1 - Line 1 - amend "14" to "28".

Clause 4.10.3 - Line 1 - amend "5" to "7".

Clause 4.10.4 - Line 1 - amend "5" to "2".

New Condition 4.10.8 to read:

" Applications for payment shall be made on prearranged dates agreed with the Employer's agent. The applications shall take the form of a meeting on site between the Contractor and Employer's Agent to agree the proportions of works carried out on the items within the Contract Sum Analysis. Any Employer's Instructions for inclusion within the Application shall be supported by relevant invoices, cost breakdowns and details as appropriate at the meeting on site. The Application for interim payment shall be dated upon the day of its receipt by the Employer's Agent in the form of a written application corresponding to the proportions agreed at the meeting on site."



SECTION 2.00

DESCRIPTION OF WORKS FOR POROUS ASPHALT TENNIS COURTS

2.01 General



A general description of the works is given below, the items do not include all activities required and the Contractor is to allow for all works necessary.

The Contractor will be responsible for all aspects of the design of the scheme, the following are only to be used as descriptions of the Employers Requirement.

The Employer requires the construction of two of porous asphalt tennis courts.

The new porous asphalt courts will be used for competitive tennis and general training.

The intention of the Employer is not to restrict the type of footwear used, but the manufacturer's recommendations in this respect will be followed so far as is reasonably practicable.

The completed facility is to provide a durable facility requiring the minimum of maintenance.

The facility is expected to be used for up to 12 hours per calendar day.

The Contractor is to check all dimensions and is to notify the Employer of any discrepancies prior to any work commencing.

2.02 Materials

Subject to more detailed information given elsewhere in this section the following basic standard requirements shall apply.

Materials and components shall be new, shall comply with European and British Standards where such exist or other equivalent standards, and shall be delivered to the site in the manufacturer's wrapping where provided.

Handling and storage shall be in accordance with manufacturer's instructions.

Prior to the contract being awarded the contractor shall supply reference samples of all materials, as requested by the employer, that they propose to use during the works.

The contractor shall furnish such information as to the quality, weight, strength or origin of materials as the Employer may require.

The contractor, on request, shall supply at their own expense certificates and test sheets, signed by a test house, maker or supplier, giving the results of the tests applicable to the materials used. (This applies to all materials supplied by the contractor.)

2.03 Site Clearance & Weed Killing Operations



The contractor is to allow for all site clearance required to carry out the works and also is to carry out any weed killing operations required.

The Contractor shall specify the type and manufacturer of the weed killer and the dosage rates that are intended to be used. The contractor shall confirm their liability for the incidence of weed growth for a period of 12 months following the completion of the works. The contractor shall confirm the stage during the works when the weed killer is to be applied.

All topsoil, sub-soil and other excavated material arising from the works shall be disposed off site to a licenced waste facility. The contractor shall visit site and undertake their own level survey (topographical survey has been provided for information purposes only) and take trial pits depths of the existing topsoil which shall be recorded within the Contractors Proposals documentation.

2.04 Construction of Two Porous Asphalt Tennis Courts

The Employer requires the construction of two porous asphalt tennis courts (Nrs 1 - 2) and cycle storage / pathway area 4.00m long x 2.50m wide all as indicated on the planning and construction layout drawings.

The new porous asphalt tennis courts shall comprise one block of two doubles courts.

The new porous asphalt courts shall retain the L.T.A. Club court run back, intermediate and side run dimensions i.e. court Nrs 1 - 2: one block of two doubles courts with overall dimensions $34.75m \log x 31.70m$ wide.

All court dimensions shall be agreed with the Employer before the Contractor commences the Works.

The Contractor shall be deemed to have visited the site area and taken their own dimensions and levels as no increase in cost shall be permitted where variances or in accuracies arise between the dimensions set out within this document and the actual site dimensions or levels.

The Contractor is to allow for all works necessary to ensure that a stable base is provided for the new courts and pathways.

2.05 Gradients and Levels

The levels provided must ensure that no bumps, hollow ridges, joints, texture variations that would effect ball bounce are present within the total playing area.



The new court Nrs 1 - 2 shall be laid to a single to a level gradient (i.e. no playing surface gradient) with a fall of 100mm established to the formation level ensure that any surface water is cleared from the courts via the aggregate sub-base formation level.

The proposed finished level (40400 no gradient or fall) for the new tennis court block has been indicated within approved planning application drawing 2023 CAS 002 013 B.

As a minimum requirement the contractor shall confirm the proposed finished court levels within the contractors proposals document.

2.06 Porosity

On the date of practical completion the courts shall have an infiltration rate that exceeds 180mm/h when tested in accordance with ITF CS/06/01.

The new playing surface must also be free draining and should be clear of surface water within 15 minutes of rain ceasing for a further period of at least two years from the date of practical completion.

2.07 Geotextile Membrane & Geotechnical Grid

The Contractor shall install both a geotechnical grid (or similar) and permeable geotextile membrane over the entire formation level of the new court Nrs 1 - 4 inclusive.

The contractor shall submit the type, gauge (minimum 1000) and manufacturer of this membrane. The lapping dimension of membrane (minimum 450mm) shall be stated by the Contractor.

This membrane will be placed at formation level of the new court construction.

The C.B.R. of the formation level shall not be less than 6%.

2.08 Free Draining Aggregate Sub-base

An aggregate sub-base shall be laid to an average 350mm depth (i.e. minimum consolidated depth of 300mm increasing to an maximum depth of 400mm) to court Nrs 1 - 2 and cycle storage / pathway area. The sub-base base shall comprise of clean, free draining carboniferous limestone or granite, angular in shape.

An alternative acceptable sub-base construction shall be an initial average 325mm consolidated depth of D.O.T. Specification for Highway Works Class Type 3 Clause 805 modified 100% primary rock (no recycled content) or appropriately graded free draining crushed rock. The initial average 325mm deep layer shall then be overlaid with a 25mm consolidated depth of clean, free draining carboniferous limestone or granite (14mm maximum diameter), angular in shape. The Contractor shall note that a total compacted average depth of 350mm of D.O.T. Specification for Highway Works Series 800 Type 3 Clause 805 modified 100% primary rock (no recycled content) may be considered acceptable subject to the submission of detailed grading information within the Contractors Proposals and the formal consent of the Employer.



The specification, aggregate diameter and detailed composition of the aggregate subbase shall be stated within the Contractors Proposals.

The source of supply of the aggregate shall also be stated.

Crushed concrete or other recycled materials / aggregates shall not be used as an aggregate sub-base material.

Filling required to any court areas in excess of the minimum consolidated depth of 300mm of aggregate sub-base to the reconstructed court areas, as stated above, shall comprise D.O.T. Specification for Highway Works Series 800 Class Type 1 (modified - reduced fines content) or appropriately graded free draining crushed rock.

All materials shall be certified non-frost susceptible.

The sub-base shall be consolidated using a powered steel tandem roller or equivalent.

A suitable weed killer shall be applied to prevent weed growth.

The Contractor shall specify the type and manufacturer of the weed killer and the dosage rates he intends to use.

Sockets for tennis posts and centre band sockets shall be installed and set in in-situ concrete.

The dimensions of the concrete surround to the tennis post and centre band socket shall be stated within the contractors proposals.

2.09 Porous Asphalt Surfaces

A binder course of porous asphalt laid to a minimum compacted depth of 40mm to court Nrs 1 - 2 inclusive and the cycle storage / pathway area.

The asphalt surfacing shall consist of open grade binder course coated asphalt (proprietary mix AC 10, AC14 or AC20), laid hot, produced in accordance with Clause 2.14 of the Code of Practice for the Construction and Maintenance of Tennis Courts Second Edition (C.P.C.M.T.C.) issued by The Sports and Play Contractors' Association published 09.10.2017.

A surface course of porous asphalt shall be laid to a minimum compacted depth of 25mm to court Nrs 1 - 2 inclusive and the cycle storage / pathway area. The asphalt surfacing shall consist of nominal 6mm open grade surface course coated asphalt laid hot.

The surface course asphalt shall be an proprietary AC 6 Open mix and specially formulated / formally certified by the manufacturer for use in tennis court construction and produced in accordance with Clause 2.14. of the Code of Practice Second Edition (C.P.C.M.T.C.) issued by The Sports and Play Contractors' Association.



The Contractor shall provide fully detailed specifications for the upper binder (surface) course asphalt within the Contractors Proposals.

Cold lay asphalt's and asphalt's containing recycled aggregates shall not be used for either the lower base course or upper binder course (i.e. surface course).

Cut-back oils shall not be used.

There shall be no ridges or changes in the surface texture or bay joints that result in erratic ball behaviour.

The asphalt surfacing shall have a uniform and consistent texture and bay joints shall, so as is reasonably practicable, accord with play lines.

Asphalt surface course bay joints to be longitudinal with no discernible cross joints. *The Contractor shall provide detailed setting out widths for each of the asphalt bays within the Contractors Proposals.*

The asphalt surface course shall be well rolled and consolidated over the entire court areas in both the length and the width.

2.10 Porous Asphalt Colour Coating & Court Markings

The porous asphalt surfacing shall be coloured with proprietary textured paints, the court shall be coloured and the run-backs and side runs. Both shall be in accordance with reference colours supplied at the time of tender. The paint shall contain a fungicide to inhibit the growth of moss.

The Contractor shall allow for two colours to the full size court areas.

Two sets of tennis court doubles markings shall be applied to the court block's. Tennis court markings shall be proprietary textured non-slip white paint set out in accordance with the Rules of Tennis issued by the International Tennis Federation (I.T.F.). Court markings shall be 50mm wide except base lines which may be up to 100mm wide. When measured with a calibrated steel tape all permanent markings are to be within 10mm of their true position as specified in the Rules of Tennis.

Tennis line markings should be within 0.1% of the specified dimension for lines above 5.00m in length with lines below 5.00m being within 5mm.

Straight marking lines shall not deviate by more than 10mm from a line joining their ends nor include any sudden steps. All lines should be bright, straight and have a sharp and defined edge.

The wet or dry slip resistance of the court, including line markings, shall be greater than 60, when measured using test procedure as set out within BS EN 13036 Part 4 using the CEN rubber test foot.



The value of slip resistance shall be obtained within one month of Practical Completion and for a period of twelve months thereafter.

The value shall be obtained during this period in all climatic conditions in which the court might reasonably be expected to be used.

The Contractor shall state the manufacturer and reference numbers of the court colour coating and the line marking paints.

Final colour selection to be formally agreed with the Employer at least twenty one days prior to the coating works commencing on site.

Note : the contractor shall allow for the installation of two sets of temporary line markings prior to the permanent court colour coating being applied.

2.11 Perimeter Edgings

New precast concrete kerbs shall be laid to the perimeter of court Nrs 1 – 2 inclusive.

Kerbs shall be 914mm x 150mm/200mm x 50mm pin kerbs (*manufacturer, type of kerbs to be stated within Contractors Proposals*).

The kerbs shall be laid flat or on edge and be well bedded and haunched in concrete to the other elevations.

The insitu concrete bed and haunching shall incorporate movement joints at appropriate intervals. *The specification and dimension for the centre spacing of movement joints shall be stated within the Contractors Proposals.*

2.12 Perimeter Drainage & Soakaway

The contractor shall install a perimeter drain to the entire perimeter of the new court block (court Nrs 1 - 2 only) all as the layout drawings.

The perimeter drainage may be positioned outside the court area (i.e. exposed) or under the courts (i.e. under the aggregate sub-base) and not exposed at the surface subject to formal agreement with the Employer.

The drain shall contain suitably sized perforated corrugated drainage pipes (not less than 80mm diameter). The drain shall be lined with geotextile membrane and be back filled with clean, certified non-frost susceptible, rounded gravel or appropriately graded free draining crushed rock. The perimeter drain shall be a minimum of 300mm wide and follow uniform gradient.

The outlet of the drains serving the courts shall be into suitably designed and constructed pit soakaway $(3.0m \times 3.0m \times 3.0m)$ as indicated within the layout drawings. The outlet drain pipe shall be suitable polymer corrugated drainage tube.

2.13 Fencing



New rigid weld mesh panel proprietary fencing system shall be erected to create one block of two doubles courts as the site layout plans to court Nrs 1 - 2.

The fencing shall be 3.00m high overall (above court playing surface level) to court Nrs 1 - 2.

Fencing to comprise galvanised core, green plastic coated rigid weld mesh panels suitably secured to 80mm x 40mm x 4mm posts with flat head stainless steel bolts using a full height clamp bar with full length neoprene gasket. Weld mesh panels comprise twin wire 8mm diameter horizontal bars and 6mm diameter vertical bars. The aperture size shall be 80mm x 40mm or 66mm x 50mm up to a height of 1.20m above court surface level and 200mm x 50mm for remained height above.

Corner, gate and intermediate posts to comprise steel rectangular hollow sections. Intermediate fence posts set at nominal 2.50m centres.

The Contractor shall state the rectangular hollow section sizes (minimum 80mm x 40mm x 4mm for intermediate posts and 80mm x 40mm x 3mm for corner, two way straining and gate posts), thickness and nominal centres for spacing of the fence posts within their contractors proposals.

All steel posts, struts and weld mes etc shall be **hot dipped galvanised** in accordance with BSEN ISO 1461 after cutting, welding, fabrication and drilling and polyester powder coated in accordance with BSEN 6497.

Posts shall be suitably primed and polyester power coated dark green (RAL 6005).

Careful attention shall be given to the details of all fencing elements to ensure a high visual standard is achieved.

All fence posts to be set in concrete. The front face of the fence posts shall be no more than 15mm away from the rear face of the perimeter edgings.

All posts to be set in concrete (20N strength). Minimum post footing 450mm diameter x 850mm depth or in accordance with S.A.P.C.A. Code of Practice. Insitu concrete surround shall provide a minimum 50mm cover depth in front of the post on the court side.

The contractor shall state the maximum design wind loading for the fencing within the contractors proposals.

Fence mounted court numbers shall be erected for each court. Numbering as instructed by the Employer.

All fencing to be installed in accordance with the S.A.P.C.A. Code of Practice.



Note : Fencing manufacturers drawings and production schedules shall be provided to confirm compliance with the above. Also a formal statement shall be provided in respect of the proposed method of galvanising of the fence posts.

2.14 Gates

Two full height single disabled access gates (minimum 1.20m width x 2.00m high), rectangular hollow section framing as item 2.13 above (with sliding latch mechanism which can be secured with padlock) shall be provided within the new court fencing elevations in locations to be as indicated within the layout drawings.

Details of the locking mechanism of the single and double gates shall be provided the Contractor. Each double gate to have drop bolts to secure each opening leaf and four sockets for retaining drop bolts in either the open and closed positions with all sockets set in concrete.

All gates shall be hot dipped galvanised in accordance with BSEN ISO 1461 after cutting, welding, fabrication and drilling and polyester powder coated in accordance with BSEN 6497.

Gates shall be suitably primed and power coated dark green (RAL 6005 or 6009).

All fencing works to be carried out in accordance with the SAPCA Code of Practice for Fencing Works.

All single access gates shall be of a width (minimum 1.20m) to allow wheelchair tennis player entry and exit.

2.15 Root Barriers (Extra Over Cost)

The Contractor shall construct any root barriers that he considers necessary to ensure that the courts are not disturbed by root penetration at any time in the future (following prior formal approval by the Employer that no Tree Preservation Orders apply to the trees that may be affected by the installation of the root barriers).

Root barriers shall comprise in-situ concrete to a minimum of 1 m depth and 300 mm width or proprietary root membrane sheet of minimum 1m depth. The root barriers shall be positioned outside or inside (with the Employers Prior formal approval) the court area.

2.16 Tree Surgery



Carefully carry out surgery to the existing trees as necessary following prior formal approval by the Employer that no Tree Preservation Orders apply to the site.

The Contractor shall also carry out such all cutting and trimming operations to trees, hedging and the like to enable the works to be undertaken.

This item shall also include for the severing and removal of tree roots.

The voids created within the court area by the removal of tree roots shall be filled with D.O.T. Specification for Highway Works Class Type 1 (modified - reduced fines content) or appropriately graded free draining crushed rock and thoroughly compacted.

2.17 Court Equipment

Supply and install 2 Nr sets of net post sockets, net posts (complete with singles sticks), heavy duty green or black nylon nets, centre band swivels and centre ground anchors to new court Nrs 1 - 2.

The Contractor shall specify the manufacturer and type of net post sockets, centre net ground anchors, nets, singles sticks and net posts to be installed.

Sockets for tennis posts and centre band sockets shall be installed and set in in-situ concrete.

The dimensions of the concrete surround to the tennis post and centre band socket shall be stated within the contractors' proposals.

2.18 Floodlight Services Duct and Draw Pits

Install service column sockets, solid wall ducting and draw pits for the electric service cables to serve the column positions to court Nrs 1 - 2 as required by the particular floodlight layout plan.

The Contractor shall allow for the installation of all the ducting and draw pits indicated within the layout plan (i.e. in this particular instance all ducting and drawpits inside and outside the court fenced areas excluding the intake / feeder pillar).

One column socket (375/450mm diameter and minimum 1500mm depth) as indicated within the layout drawing the shall be installed for the installation of central floodlight column (between the net posts) with duct entry point at 300 - 450mm depth below the finished playing surface with 63mm link duct installed into the opening position of of the column.

Service duct and column sockets shall fully enclose all cabling (with no voids present) and include for the provision and installation of draw wires. *The specification of the draw wires shall also be stated.*



The internal diameter and the colour of the duct shall be stated in the Contractors *Proposals.* The internal diameter of the ducting shall be no less than 63mm or 110mm as indicated within the layout drawing.

Floodlight ducting 63mm, 110mm and 150 diameter shall be installed at a minimum depth of 450mm below the finished playing surface of the courts.

Two draw pits (minimum 660mm x 450mm x 450mm depth or size as indicated within the layout drawing) shall be installed. Draw pits shall be pre-formed and have lockable (by means of bolt or the alike fixing which requires the use of a hand tool) removable recessed lids (that can be filled with hot lay ashalt) and be provided as indicated within the layout drawings.

All duct trenches within the court area shall be backfilled with bed and covering of sand to the duct, warning tape installed above sand bed and remainder of trench to be filled with D.O.T. Type 1 aggregate (compacted in layers not exceeding 150mm depth) and two layers of porous macadam 65mm combined depth.

The type and manufacturer of the draw pits together with the internal dimensions shall be stated within the Contractors Proposals.

The specification of the draw wires shall also be stated.

2.19 Drawings and Manuals

The Contractor shall provide detailed construction and 'as built drawings' (comprising A3 plan layouts and A4 cross sections for all works) and manuals for the maintenance of the courts.

The Contractor shall list the drawings that they propose to provide within their contractors proposals.

SECTION 2.00

TENDER SUM ANALYSIS

AND

FORM OF TENDER

2.01 TENDER SUM ANALYSIS



1. Preliminaries

- 1.1 General
- 1.2 Contractors temporary access road from overflow car park

2. Contract Conditions

3. Full Size Tennis Court Nrs 1 – 2 & Cycle Storage / Pathway Area

- 3.1 Site Preparation
 - 3.1.1 Excavation & Disposal of topsoil and sub-soil off site

Total cubic metres of off site disposal m³

Number of loads to be disposed off site :-

..... loads @ £per load (..... m3 per load)

- 3.1.2 Grading & compacting formation level to falls and surrounds
- 3.1.3 Geotechnical grid : Tensar TRIAX TX160 installed above geotextile membrane to court Nrs 1 - 4

Alternative Product :

Manufacturer :

- 3.1.4 Geotextile Membrane
- 3.1.5 Weed Killing Operations

Name of product :....

Rate of application

CARRIED TO COLLECTION £

3.01 TENDER SUM ANALYSIS



3. Tennis Court Nrs 1 - 2

- 3.2 Porous Asphalt Courts
 - 3.2.1 Aggregate Sub-base : 350mm averafe
 - 3.2.2 Perimeter edge detail
 - 3.2.3 Asphalt binder course
 - 3.2.4 Asphalt surface course
 - 3.2.5 Colour Coating Two Tone
 - 3.2.5.1 Two Doubles Tennis Courts
 - 3.2.6 Court markings
 - 3.2.6.1 Two Doubles Tennis Courts (Colour White) Permanent
 - 3.2.6.2 Two Doubles Tennis Courts (Colour White) Temporary

3.3 Drainage system

- 3.3.1 Perimeter Drainage
- 3.3.2 Soakaway Pit
- 3.4 Fencing
 - 3.4.1 R.H.S. Posts and Rigid Panel Welded Mesh
 - 3.4.1.1 3.00m High
 - 3.4.2 Gates
 - 2.4.2.1 Single Gate with sliding latch With one drop bolt 2 Nr

CARRIED TO COLLECTION £

TENDER SUM ANALYSIS 3/2

3.01 TENDER SUM ANALYSIS



2. Tennis Court Nrs 1 - 2

- 3.5 Tree Surgery
- 3.6 Court Equipment
- 3.7 Ducting & Draw Pits
 - 3.7.1 Draw pits
 - 2.4.1 600 x 600 x 450 : 2 No.
 - 3.7.2 Ducting
 - 3.7.1.1 63mm diameter
 - 3.7.1.2 110mm diameter
 - 3.7.1.3 150mm diameter
 - 3.7.3 Column sockets 1 No.
- 3.8 Cycle storage / pathway area 2.50m wide X 4.00m long
- 3.9 Construction and As Built Drawings & Operation and Maintenance Manuals

CARRIED TO COLLECTION £

TENDER SUM ANALYSIS 3/3

3.01 TENDER SUM ANALYSIS



COLLECTION

1) Porous Asphalt Court Nrs 1 - 2 :-

PAGE 3/1	£	}	£
PAGE 3/2	£	}	£
PAGE 3/3	£	}	£

TOTAL CARRIED TO FORM OF TENDER

£

EXTRA OVER ITEMS - COURT NRS 1 - 2

A)	Increase aggregate sub-base depth by 50mm to Average 400mm minimum compacted depth to court Nrs $1 - 2$ (Details to be submitted by Contractor)	£		
B)	Permitted tolerance in levels of surface course macadam will be a maximum of 6mm under a 3m straightedge to court Nrs 1 - 2 only		£	_
C)	Colour coating to be water based polyurethane paint to court Nrs 1 - 2 (Details to be submitted by Contractor)		£	 -

D) Application of polyurethane binder to court Nrs 1 - 2 £ (Details to be submitted by Contractor)

3.02 TENDER SUM ANALYSIS

EXTRA OVER ITEMS - COURT NRS 1 - 2



E)	Rectangular Hollow Section (100mm x 50mm x 4mm) fence posts and r.h.s. section gate framing to Court Nr 1 - 2 (Details to be submitted by Contractor)	£			
-					
F)	Installation of root barriers :-				
	Membrane barrier :-				
	Court Nrs 1 - 2 m @ £ / per m	£			
	Insitu concrete barrier :-				
	Court Nrs 1 - 2 m @ £ / per m	£			
G)	Installation of suitably sized soakaway				
	Precast concrete ring with manhole	£			
	Sustainable	£			
	(Details to be submitted by Contractor)				
H)	Line markings for four mini 'red' designation courts (Details to be submitted by Contractor)	£			
I)	Line markings for one mini 'orange' designation doubles court (Details to be submitted by Contractor)	£			



THE FOLLOWING INFORMATION SHALL BE ISSUED WITH THIS EMPLOYERS REQUIREMENTS DOCUMENT :-

DRAWINGS :-

SFPD REF NR 2023 CAS 002 010 B / 011 A / 013 B / 015 A / 030 A

PLANNING CONSENT



STRUTT MEMORIAL GROUND

FORM OF TENDER

I/We having read the Conditions of Contract and Employers Requirements delivered to me/us and having examined the drawings referred to therein do hereby offer to execute and complete in accordance with the Conditions of Contract the whole of the Works described within (insert number) weeks from the date of possession for the sum of :

.....(£......) VAT exclusive

I/We agree that should obvious errors in pricing or errors in arithmetic be discovered before acceptance of one of these offers in the Contract Sum Analysis submitted by me/us these errors will be corrected in accordance with Alternative 2 contained in Section 10 of the NJCC "Code of Procedure for Tendering for Design and Build" dated March 1996.

I/We undertake to enter into a formal contract by deed in the form referred to in the above documents. I/We agree that until this tender is incorporated in such a formal contract, executed under deed by the Employer, this tender together with your written acceptance thereof will constitute a binding contract between us.

I/We confirm that if our tender is accepted we will require a period of weeks to obtain all necessary approvals prior to works commencing on site.

I/We further agree that this tender remains open for consideration for twelve (12) weeks from the last day of submission of tenders.

I/We note that you do not undertake to accept the lowest or any tender and that the Contractors tendering do so free of charge.



STRUTT MEMORIAL GROUND

FORM OF TENDER

I/We declare this tender to be a bona fide tender intended to be competitive and that I/We have not fixed or adjusted the amount of the tender by or under or in accordance with any agreement or arrangements with any other person.

I\We confirm that the Annual Renewal Date of Insurance as supplied by me\us and referred to in Conditions of Contract

is.....

I\We confirm that we have visited the site before submitting this tender.

Dated this2024

For and on behalf of

Signed

Registered Address

.....

Witness (Signature)

Occupation

Address



STRUTT MEMORIAL GROUND

FORM OF TENDER

Assignment of Subcontracting

The Contractor is to state in the following schedule the names of **all** the Subcontractors which he will employ on the Works and their stated trades:-

Description of Trade or Service	Name and Address of Subcontractor		

Value Added Tax

The Contractor is to set out below a provisional indication of the amount of Value Added Tax the Employer will be called upon to pay under the VAT Agreement.