

SECTION THREE: SCHEDULE OF WORKS

GENERAL

- A The works briefly comprise of the following:
- Redesign and refurbishment of outside playground areas
- B NOTE – Survey undertaken, and Schedule of Works below based on visual inspection only. No opening up was carried out.
- C This specification is to be read in conjunction with the Drawings in Appendix A – 6512 - 1001 - Existing Site Plan - T0, 6512 - 2001 - Proposed Site Plan – P18 and 6512 – 3001 - P1 - Proposed Elevation and Surveys & Reports in Appendix B and Product Data Sheets in Appendix C.
- Contractor's Obligations**
- Undertake a site inspection prior to providing a quote so that constraints of access can be understood, Arrangements for visit:
- Please contact: Rene Labuschagne
 - Telephone: 07790 927435
- The contractor is to visit site prior to submitting their priced documents. All dimensions shown on any drawings should not be used for pricing purposes and are to be checked by the contractor. Future claims due to a lack of information gathered by the contractor during the pricing stage or failure to read the Activity Schedule correctly may be discarded by DHP.
- C The main contractor is to act as Principal Contractor in accordance with the Construction (Design & Management) Regulations 2015 and is therefore to allow for the provision of all necessary site welfare facilities in order to satisfy the requirements of the regulations including for the following:
- Toilets & Hand washing facilities (hot and cold water).
 - Somewhere to take a break from works and be able to heat up food.
 - A supply of clean drinking water.
- D Display at all times safety notices fully in accordance with the construction (Health, Safety and Welfare) Regulations 1996.

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- A The contractor is to ensure that a full-time site foreman is in attendance on site for the duration of the works.
- B Allow to provide skips as necessary, within the site compound. All debris must be cleared away at the end of each working day, leaving the site area tidy.
- C Include for everything necessary for the complete execution of the works and for the full and proper operation of the installation, including all sundry components. The contractor is to include for the whole labour and supply of the materials unless otherwise stated, to enable complete occupation of the modified areas by the client. All finishes are to be as specified unless otherwise stated. All work to be in accordance with current legislation and good working practice.
- D The contractor is to check all dimensions where specified on site prior to ordering any materials or undertaking any work. If the contractor is to qualify a different manufacturer of any items specifically specified in this tender document, this is to be highlighted to DHP immediately with any technical documentation to be also provided at the time for DHP's scrutiny.
- E Undertake all responsibility for co-ordination, supervision and administration of the Works.
- F No smoking or music playing on site will be allowed.
- G Ensure that the portable and transportable electrical equipment brought onto site shall be identified on a register of test and shall be labelled to show its status. The maximum intervals of test shall be those suggested in the table to Paragraph 86 of HS(G) 141.
- H All items of work identified within this schedule are to be priced separately, in order to enable items to be omitted by the CA (if necessary); to suit client's available budget.

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Protection

A The contractor is to undertake schedule of condition photographs of the school and grounds (internally and externally), access routes and adjacent areas with potential to be affected by the works prior to the commencement of the works. These are to be issued to the Contract Administrator for approval.

B Allow for the protection of all existing (retained) finishes, fittings, equipment, landscaping etc. during the execution of the works including all access routes into the area. Any damage caused by the contractor to the existing and new finishes, fittings, equipment and decoration shall be made good at the contractor's own expense upon completion of the works.

NB: The contractor will be responsible for maintaining the security of the school and works area throughout the duration of the works.

C All emergency escape routes are to be maintained and kept clear at all times.

D If additional areas of work are identified by the contractor at the time of tendering, these are to be priced in a covering letter and issued with the tender return.

Site Access

E There are no facilities for parking on site. Contractor's vehicles will require on street parking.

F The contractor is to note and allow for the normal working hours listed in the contract preliminaries of 08:00 hrs – 18:00 Monday to Friday.

G If the works are carried out during term time therefore any deliveries will be restricted outside of the hours of 8.30-9.15 and 2.45 and 3.45. Please note any transferring of materials to the site area will also be restricted within school times and will need to be agreed with the school.

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THE WORKS

NOTE: Contractor must refer to the topographical survey and drainage survey, the works are not only to renew the playground areas but are to eliminate existing ponding surface water issues.

Preparations Works

- A The Contractor is to carry out a full site survey of all areas (CAT scan, electronic trace, etc) to be excavated and ascertain the nature and location of any services prior to any excavations commencing (drainage, high low voltage electricity cables, telephone cables etc). Report any buried services that may affect the works to the Service Manager and await instructions.
- B Contractor is to allow to carefully and cleanly cut a straight line to the existing tarmac surfaces where the new surface finishes are to be finish abutting.
- C Allow for removal of all existing planting and foliage that is not to be retained or reinstated as shown on the proposed layout drawing.
- D Contractor is to allow to isolate and protect all surface water drain covers, pipework and gullies to prevent debris entering the runs.
- E Allow to protect the to be retained Play equipment and large tree trunks and roots for the duration of the works.

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SURFACES

TARMAC AREAS

- A To areas shown on the proposed drawing, allow to break out and dispose of the existing concrete, tarmac surface and base courses and soil down to a level required to ensure the finished level of the new surfaces. Contractor must account for adequate falls. Ensure the new finished height provides a level threshold with the existing classroom doors once built up as detailed below.
- B Where required, Allow for concrete bedding and haunching, 50x250mm flat top concrete edgings.
- C Allow to supply and install vertical DPM to all sections of existing wall where new tarmac sections are to abut.
- D Supply and install Type 1 base 200mm deep with 1000g Terram Geo-Textile membrane to the full width of all areas/sections to be resurfaced. Mechanically compacted in layers. Contractor to allow for falls to existing drains as required.
- E Allow for applying 60mm binder course to the identified area.
- F Allow for applying 30mm thick **porous** tarmac wearing course to all identified areas. The areas are to have an even and smooth finish and provide minimum falls for surface water run-off. Allow for neat level joints where abutting existing tarmac. Where new tarmac abuts existing, joints must be bitumen tape sealed.
- G Contractor to ensure the levels are correct to provide adequate falls for the areas and to ensure minimum cross falls for surface water run-off.
- H **NOTE – Contractor must ensure all falls in new surfaces drain freely and do not pond. If any areas pond, these areas will need to be re-levelled at the contractors expense.**
- J Allow for all necessary alterations to the existing surface water drain pipe work and drains, including but not limited to covers, grills, frames, pipework's, joins, caps, gullies, etc. to allow new falls to be formed to the tarmac areas.
- K **NOTE:** contractor must ensure that there are no ponding areas. If once complete, there are areas of ponding water, the contractor is to return and adjust falls as required.

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RUBBER CRUMB SAFETY SURFACE

- A Supply and install Type 1 base 200mm deep with 1000g Terram Geo-Textile membrane to the full width of all areas/sections to be resurfaced. Mechanically compacted in layers. Contractor to allow for falls to existing drains as required.
- B Contractor to allow to supply and install new wet pour rubber crumb safety surface to areas as detailed on the drawings.
- C Allow to supply and install new 60mm deep SBR (styrene butadiene rubber) base layer on top of the previously allowed for and installed Type 1 base layer (detailed above) to all areas where rubber safety surface finish is to be provided.
- D Once the SBR layer has been installed, allow to supply and install a layer of EPDM coloured rubber surface finish (min 15mm deep). Colour to be generally natural green, however, exact colour to be agreed with CA prior to ordering materials. Colour should mimic natural grass as best as possible.
- E Contractor to ensure all areas below and within existing and to be retained trees canopy areas are to be carefully hand dug **ONLY**. These areas are considered root protection areas (RPA's) and but be protected during the works. All existing to be retained tree trunks must also be protected for the duration of the works to ensure no damage is caused during the works. All areas where considered within the RPA, are only to be hand prepared to accept a 40mm deep covering off EPDM coloured rubber surface finish. This is to protect the tree roots and trunk whilst allowing a tidy safe surface finish around the tree base.
- F Allow for all necessary binders, additives, and the like to install the rubber safety floor system as per manufacturers instructions.
- G Contractor **MUST** provide a sample of the proposed green surface finish to the contract administrator prior to ordering.

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GRASS AREA ADJACENT TO CARPARK

- A Allow to break out and remove from site the existing tarmac path to entire grass area, including but not limited to concrete edgings, sub-base materials, foundations, membranes, etc. and dispose off site.
- B Allow to remove all existing dead vegetation from the area to enable the whole area to be levelled prior to installing new topsoil and turf.
- C Allow to excavate and remove approximately 100-150mm of existing soil from the area to ensure the new finished level once turf has been laid is flat and level. Once all necessary soil has been removed, allow to compact to a level surface. (Contractor to confirm depth to be excavated on site)
- D Allow to supply and install new 100 – 150mm layer of good quality topsoil to the entire area. Once a level layer of topsoil has been installed. Allow to supply and install new turf to the area.

GRASS AREA ADJACENT TO NORMANSFIELD ROAD

- A Allow to excavate and remove approximately 100-150mm of existing soil from the area to ensure the new finished level once turf has been laid is flat and level. Once all necessary soil has been removed, allow to compact to a level surface. (Contractor to confirm depth to be excavated on site)
- B Allow to supply and install new 100 – 150mm layer of good quality topsoil to the entire area. Once a level layer of topsoil has been installed. Allow to supply and install new turf to the area.

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NEW FRUIT TREE

- A Allow to supply and install 1 no new Apple tree to the small orchard area adjacent to Normansfield Road as shown on the plan drawing.
- B Tree is to be of a similar height and canopy size as the existing fruit trees in that area.
- C Contractor **MUST** provide details of exact tree being proposed prior to ordering. This needs to be confirmed with the contract administrator as it is a specific planning condition.
- D Allow to CAT scan prior to excavation for installation of the tree.
- E All necessary steps must be taken to ensure the tree flourishes. Installation and/or guidance from an expert is recommended.

ECOLOGICAL ENHANCEMENTS

- A Allow to supply and install 1no new sparrow terrace bird box. To be mounted on a building elevation or wall. Allow for all necessary fixtures and fittings. Exact position to be agreed once on site and with the CA.
- B Alloy to supply and install 1no stag beetle loggery within the grassed area of the orchard area. Allow for all necessary fixtures and fittings. Exact position to be agreed once on site and with the CA.

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ON COMPLETION

- A Upon completion of all works the contractor is to remove all temporary protection and other items associated with the works and is to thoroughly clean down, clear all areas affected by the works and generally leave the area in a clean and tidy condition upon completion.
- B The contractor is to allow to thoroughly clean the site including compound area and working areas. Remove all dirt, dust and the likes that has arisen from the works. Where necessary allow for washing down all surfaces with warm water detergent solution and rinse with clean water as necessary, including affected glazing, desks/ furniture and the likes.
- C The contractor shall prepare and submit the health & safety file and the operation and maintenance manuals as per Section A37 of the preliminaries.
- D The contractor is to replace, repair, fix and redecorate any areas of the site, which have been damaged due to the works having taken place.
- E The contractor is to ensure all downpipes, outlets and the like are fully cleared and left free of debris at the end of the works.
- F Contractor is to flush/jet all existing surface water drainage runs once the works are complete to ensure no debris has been left within the runs.
- G The contractor shall provide at project handover operation and maintenance / health and safety file information. The contractor shall hand over any and all guarantees, warranties and test certificates as necessary. Practical Completion will not be issued without a complete O&M Manual being submitted. A draft O&M Manual will not be accepted.
- The O&M is to include, but not limited to;
- Summary of key maintenance requirements. Including required frequency.
 - Product information for all materials used in the works.
 - All Certificates, Warranties, Guarantees, Etc.

Completion of these items will be a condition of Practical Completion.

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