

CYPRESS ROAD CAR PARK, BURGESS HILL - RESURFACING WORKS ETC

2.0	SPECIFICATION			
ITEM	DESCRIPTION OF WORKS	UNIT/ RATE	QUANTITY	COST (£)
	N.B. The schedule of works and drawings are to be read in conjunction with each other.			
	N.B. All employer's instructions must be in writing.			
2.0	SCHEDULE OF WORKS			
2.1	STRIP OUT REMOVAL			
	Allow to remove and dispose off site:-			
2.1.1	Existing post and rail timber fencing to existing Car Park Area A in it's entirety including 3 timber gates and dispose off site.			
2.1.2	Remove all tubular steel post which runs parallel to the fence and dispose off site.			
2.1.3	1No. Timber gate to farthest East corner of Car Park A.			
2.1.4	All low level metal and concrete vehicular bollards in line with fencing to Car Park A.			
2.1.5	1 No. existing floodlight to Car park A, terminate and leave cable buried safely in ground to satisfy the relevant British Standards.			
2.1.6	Existing orange plastic mesh to north boundary of car park A.			
	Sub-total			
2.2	CAR PARK RE-SURFACING ETC			
	PREPARATION			
	Area B			
2.2.1	Power sweep the surface to be overlain it must be clean and sound and free of organic material or other detritus.			
2.2.2	Any Weeds and other unwanted organic matter, along with topsoil must be removed off site unless otherwise indicated. Any soft spots should be excavated and filled with compacted sub-base material.			
2.2.3	Any poor or defective areas of wearing course should be made good, ready to receive tack coat.			
2.2.4	Application of a bituminous tack coat is required on all overlaying projects. The tack coat should be sprayed at 0.4 - 0.6 litres/sqm. For small areas the tack coat can be brushed on. There must not be any bold spots or pooling.			
	Area A and C			
2.2.5	Plane off Area A and C to 35mm deep and remove arising debris material from site.			
2.2.6	Suitably regulate all necessary areas. Any soft spots should be excavated and filled with compacted sub-base material.			

2.2.7	Any weeds and other unwanted organic matter, along with topsoil must be removed off site unless otherwise indicated. Any soft spots should be excavated and filled with compacted sub-base material. If the area is troubled with weeds, use a general weed killer such as Glyphosate. A geo-membrane should be used if deep-rooted pernicious weeds are a problem.			
2.2.8	If the area is troubled with weeds, use a general weed killer such as Glyphosate. A geo-membrane can be used if deep-rooted pernicious weeds are a problem.			
2.2.9	Allow a provisional sum to lay geo-membrane as necessary. The contractor must identify any necessary areas and highlight these to the CA following planing, excavation etc. The contractor is to allow suitable time and resource within the programme to undertake.			500
2.2.10	Allow a provisional sum to repair/reset/replace all damaged kerb edgings along the Northern and Eastern boundary's.			500
SURFACING WORKS				
2.2.11	The level of any utility covers within the surface being overlaid will require adjustment. These include water stop tap boxes, manhole and inspection chamber covers, cable TV boxes etc. Unless there is a significant lift in the level of 50mm or more, gullies, linear drains and the like are best left at their original level, keys cut around them and the new surfacing is feathered in to meet the original level. All utility covers, drainage gulley's etc. to be covered prior to surfacing.			
2.2.12	The surface of wearing courses should be at least 35mm thick when rolled, and should not deviate from the correct level by more than ± 6 mm. There should be no roller marks in the finished surface. It is recommended a minimum fall of 1:80 for tarmac areas for machine laid areas and 1:50 for hand laid surface. AC 10 close surf PDD 6691 Annex B 100/150 35mm thk. (Supply relevant certificates for materials used).			
2.2.13	All bitmac and asphalts are consolidated by rolling. Use an 8 Tonne dead weight roller to achieve the recommended compaction (BS EN 13108). Multi-wheeled pneumatic-tyred rollers and vibratory rollers may be used if they are capable of achieving at least the standard of compaction of an 8 tonne deadweight roller. The vibratory option needs to be used with care on wearing courses as it can result in causing the drums to skid which may mark the surface			
2.2.14	Allow to excavate, prepare as necessary and lay bitumen surface to front entrance pathway, feathering-in to meet existing levels. Allow for approximately 10sqm. To confirm location with CA on-site.			
2.2.15	Provide sqm/rate for works as described in item above:			
2.2.17	Any damage to the property of the Employer caused as a result of the works will be the Contractor's sole responsibility and will require making good at their own expense to the satisfaction of the CA. Therefore the contractor is to provide a photographic schedule of condition to highlight any defects pre-contract. The site is to be handed over the the contractor in good condition with no significant defects.			
2.2.18	The resurfacing of a car park is designed on the basis of 'Heavy Usage' due to the tight turning or on the spot power assisted manoeuvring of vehicles.			

2.2.19	<p>Before the site is left, the site must be returned to the condition it was in before the works took place. This includes:-</p> <ul style="list-style-type: none"> • Removal of excess materials • Restoration of all permanent signs (some additional signs may be required) • Reinstate all road markings, coloured surfacings and other surface treatments correctly • Reinstate any specialised footways, footpaths and cycle track features (e.g. tactile paving) • Restore street furniture to original position • Ensure that the surface is in a clean and serviceable condition • Pack away equipment and tools • Check that all signs, cones, barriers and lamps have been removed. 			
2.3	DRAINAGE			
2.3.1	Allow to prevent any debris, waste material etc from entering drainage systems.			
2.3.2	Allow to dispose of and replace existing aco drainage between car park B and C with new linear 150mm Aco Drain MultiDrain MD channel drainage, constant depth channel. Stainless steel gratings. To be installed level to meet new wearing course. Allow for all concrete bedding, haunching etc. Allow for connection to existing drainage. All to be carried out and installed in accordance with manufacturers recommendations and guidelines.			
	Sub-total			
2.4	LINE MARKINGS ETC			
2.4.1	Carry out all thermoplastic car park, road markings in accordance with and illustrated on Drawings.			
2.4.2	The contractor is to review the Employer's design for circulation, flow layouts etc and ensure the final design meets with good practice and satisfied the relevant design standards. The contractor is to provide a written statement to this effect.			
2.4.3	<p>All paints must conform to BS EN 1871:2000 which supersedes BS 3262. All works must conform to BS EN 1436:1998.</p> <p>The colour specification for the paint, for the single and double yellow lines used on Highways must conform to county standard. This is BS381C No. 353 Deep Cream (yellow).</p> <p>Majority of lines in Mid Sussex are 50mm although some may be 75mm. To be measured on-site, confirmed and agreed with Contract Administrator.</p>			
	Sub-total			

2.5	FENCING, GATES, HEIGHT RESTRICTORS ETC			
2.5.1	Allow to supply and erect new timber post and rail fencing and 1No. Gate to replace existing lines of fencing to south boundary of Car Park A, returning to east boundary of Car Park C. Allow for approximately 162lm. Install in accordance with manufacturers instructions and recommendations. Contractor must submit proposal to CA for approval.			
	<p>Timber fencing is to be pre-treated Sawn Timber:</p> <ul style="list-style-type: none"> • Using 3No. 100x50mm rails • 150x150 End Posts • 150x100 Inter posts • Bay width 2.75m centre to centre • Rails fixed using coach screws M10 x 125mm • Install 600mm deep • Use "Post Fix" or a 1:3:6 mix 			
2.5.2	Allow to supply and install 1 No. new single leaf opening height restrictor barrier manufactured by Stronghold (manufacturer's details below) to match the existing barriers on-site. Colour to be yellow to match existing. Height to be 6'11" with signage both sides. Supply and install a locking post. Contractor must submit proposal to CA prior to placing order.			
	<p>Stronghold Unit 26 Ackworth Road Hilsea Portsmouth PO3 5NS TEL: 023 9265 5900 Email: sales@strongholdsecurities-uk.com</p>			
2.5.3	The Contractor is to allow for the full management, liaison, co-ordination of subcontractors as necessary to achieve satisfactory completion of the works as required by the contract documents.			
	Sub-total			
2.6	SERVICES, LIGHTING ETC			
2.6.1	Carry out a comprehensive CAT scan and investigation to determine the location of existing underground services to all areas prior to commencement of works. identify and mark the location of underground cables and pipes in accordance with PAS 128:2014 Specification for underground utility detection, verification and location. A record of your findings must be kept for possible future reference.			
2.6.2	Allow a cost to undertake all works as specified in Appendix 4.2 Electrical Employer's Requirements .			
2.6.3	The contractor is to submit design proposal and confirm lead-in period for lighting. NOTE: The contract period for this project is to be 4 weeks. The contractor is to submit their final design for review at tender stage. The shortest lead in time possible should be offered, albeit this should not be to the detriment of design and quality standard..			
	Sub-total			

2.7	VEGETATION			
2.7.1	Allow to trim back and tidy all vegetation to line of fencing to north boundary/ fence line to Car Park Area C (Reference: Appendix 4.5 -Photographic Schedule of Condition/ Issues 16-19).			
	Sub-total			
2.8	SIGNAGE			
2.8.1	Allow for suitable temporary traffic signage as necessary for the duration of the works. (See preliminaries section).			Include in prelims.
2.8.2	Leave the site clean and tidy.			
	Sub-total			
2.9	DDA WORKS			
2.9.1	Allow to remove concrete kerbs to raised concrete slab pathway (leading to disabled ramp to Emperor Palace). Allow to break out, make good sub-base and grade wearing course to achieve a 1:12 ramp. Ref Photographic Schedule - Issue 50.			
2.9.2	Allow to remove concrete kerbs to raised concrete slab pathway (leading from Car Park B to C) and replace with drop down concrete kerbs. Allow to break out, excavate, make good sub-base to achieve a 1:12 ramp with new 'yellow' tactile, with a row of Corduroy yellow tactile to either end abutting concrete kerbs. Ref Photographic Schedule -Issue 52.			
2.9.3	Allow to supply and install new galvanized steel barriers to form trolley bay, to replace existing barriers removed from car parking area B. Allow to excavate and concrete footings as recommended by manufacturer. Specification requirements as follows: Tube diameter - 76mm Height above ground - 800mm Below ground - 300mm Length - to suit. Finish - Galvanized			
	Sub-total			

3.0	WORKMANSHIP AND MATERIALS			
3.1	The contractor undertaking the works, including their subcontractors must all be suitably qualified, competent.			Incl.
3.2	All works are to be carried out in accordance with the relevant British Standards. All materials, products used and workmanship employed to undertake the works in this project must be undertaken in strict accordance with the manufacturers guidelines, instructions and recommendations and as provided for within the Appendix information.			Incl.
3.3	All works are to be carried out in accordance with the standards and requirements set out in Appendix 3.0 - Workmanship and Materials Section.			Incl.
3.4	The contractor is to provide ALL workmanship and materials warranties and guarantees for the works.			Incl.
3.5	All works not achieving the standards required either through quality or the specification shall be rectified as soon as practically possible at the contractors own expense. All works to be fit for purpose.			Incl.