

## FILHAM PARK ACCESS ROAD & CAR PARK, IVYBRIDGE

For

IVYBRIDGE TOWN COUNCIL

### SCHEDULE OF WORKS RATES AND PRINCIPAL QUANTITIES

Issue	Revisions	Date
Tender	4	21/06/2023
Tender.draft	3	20/06/2023
Draft	2	30/03/2023
Preliminary	1	11/08/2020

**June 2023**

**Job No 15818**

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## **PREAMBLES TO THE SCHEDULE OF WORKS**

### **GENERAL**

- 1 Attention is here drawn to the Form of Tender and the Drawings; those documents are to be used in conjunction with the Schedule of Rates.
- 2 The preambles are applicable to the whole of the works included in this Schedule of Rates irrespective of the section in which the measured item appears.
- 3 The Contractor will be deemed to have allowed for all costs and charges in conforming to these preambles, whether or not a measured item appears separately. No additional costs for complying with these preambles will be accepted.
- 4 Headings and sub-headings are not necessarily repeated at the start of each new page which contains items to which they apply.
- 5 General directions and descriptions of work and materials given in the Specification are not necessarily repeated in the Schedule of Rates and reference is to be made to the Specification and the Drawings for this information.
- 6 Where British Standards are specified they shall be those current at the date of tender.
- 7 Where proprietary products are required they shall be deemed to be incorporated in the Works in accordance with the manufacturer's printed instructions unless specified to the contrary. Where proprietary articles are specified, other equivalents may be substituted providing written approval is obtained from the Engineer. The Contractor is to obtain the Engineer's approval to any alternatives prior to the submission of his tender and is also to confirm with his tender submission any alternatives upon which he has based his tender. Schedule descriptions shall be deemed to include this provision.
- 8 The Schedule of Rates describes the works only. Any quantities should be considered approximate within  $\pm 10\%$  only and verified by the Tenderer as far as practicable. Any apparent inaccuracies should be notified to the Engineer. It is the Tenderer's responsibility to use the Schedule of Rates as a means of producing a firm price for the Works based on the drawings and Specification.
- 9 Where the terms "approved", "selected" or "directed" are used within the Schedule of Rates, they shall mean respectively approved, selected or directed by the Engineer. Approvals shall be obtained in writing.

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**GENERAL (continued)**

- 10 Any items of completed work that are to be measured for payment purposes shall be measured with no allowance made for the bulking of materials, for cutting to waste, for working space (except where specifically measured) etc, which the Contractor shall allow for in his unit rates.
- 11 Any total quantities included in the final valuation for items will be measured to the nearest whole unit relevant to that item.
- 12 Prices or rates inserted in the Schedule of Rates are to include all costs and expenses which may be required in and for the construction of the work described and are to include for all obligations and liabilities imposed by the Contract Documents, whether or not such details are specifically set out in the Schedule of Rates.
- 13 The Clauses of the Conditions of Contract and relevant British Standards will be equally binding as if they had been fully repeated in the Schedule of Rates and the Contractor must make provision in his tender for carrying out all the provisions contained therein, whether the same are referred to in the Schedule of Rates or not.
- 14 Material billed by weight must be weighed over an approved weigh-bridge and the weight tickets tendered on delivery.
- 15 A price or rate is to be inserted against each item in the Schedule of Rates, whether quantities are stated or not, but no items are to be added (except where requested) nor are any alterations to be made unless requested specifically by the Employer. No item is to be left unpriced even if the rate is nil.
- 16 Payment of no more than 80% of amounts for materials on site in interim valuations will only be certified when title to the materials is held by the Contractor. Proof of title, e.g. receipt invoices, may be required before the Engineer can certify payment.
- 17 **ADJUSTMENT ITEM:** For the purposes of Clause 7 (Payment) of the Conditions of Contract, interim additions or deductions on account of the amount, if any, of the Adjustment Item shall be made by instalments in interim certificates, in the proportion that the amount referred to in Clause 7 bears to the total of the Schedule of Rates before the addition or deduction of the amount of the Adjustment Item. Such interim additions or deductions shall be made before deduction of the retention monies and shall not exceed in aggregate the amount of the Adjustment Item in the Tender.

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**GENERAL (continued)**

- 18 DISPOSAL: Where disposal is stated in item descriptions it shall be deemed to mean disposal off the site to a suitably licenced facility. All rules containing disposal shall be deemed to mean disposal off the site.
- 19 CONTRACTOR DESIGNED WORK: All work (specified to be) designed and detailed by the Contractor shall comply in every particular with the Specification. The Contractor's rates will include for everything necessary to comply with the requirements of the Contract.
- 20 SCHEDULE OF WORKS: This shall be priced by the Tenderer on the basis of the works described by the drawings listed at the front of the Tender document and other such information that the Tenderer may derive from enquiries, site inspection, or determine from the experience of similar projects, in order to complete the Works in accordance with the Specification.
- 21 UNIT RATES: Where the Schedule of Rates requires an element of work to be quantified as an 'Item' tenderers may be required to provide a breakdown of assumed quantities and rates for each item for the purpose of valuing site measure.
- 22 The Contractor shall include in this Schedule of Rates for all costs associated with testing and sampling required by the Specification or the drawings.
- 23 METHOD RELATED CHARGES: The Contractor shall allow under Method Related Charges for all items not covered elsewhere in the Schedule of Rates but nevertheless necessary for the execution and completion of the Works, including but not limited to those items set out in Class A3 of the Civil Engineering Standard Method of Measurement (CESMM) or detailed hereafter.
- 24 In particular, the Contractor shall include as Method Related Charges for compliance with the special environmental/health and safety safeguards that apply to works at this site.
- 25 Any such items not described and priced separately shall be deemed to be covered by the rates and prices entered elsewhere in the Schedule of Rates.
- 26 Method Related Charges shall be certified and paid pursuant to Clause 7 (Payment) of the Conditions of Contract.

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### **GENERAL (continued)**

- 27 PROVISIONAL ITEMS: The rates for Provisional Items should be priced in such a way that the sole effect of undertaking or not undertaking any of these items is the inclusion or exclusion of the product of the rate and the measured quantity. All testing required for the satisfactory execution of these items shall be included in the rates. The Tenderer shall identify any programme implications of undertaking or of not undertaking works measured under Provisional Items.

### **DEMOLITION AND SITE CLEARANCE**

- 28 General clearance has been measured as an item to include all demolition and site clearance necessary to do the work.
- 29 Rates should include for the disposal of material off site to a licenced tip unless stated otherwise.

### **EXCAVATION**

- 30 Definition of rock: The term rock shall be deemed to include only solid, hard rock capable of being broken only by means of hammers or wedges or mechanical drills. Stratified hard material capable of being loosened in layers by means of a pick, auger, or mechanical face shovel may not be deemed rock e.g. slates, shales mudstones.
- 31 The rate for excavation in rock shall include for all overbreak and making up to correct levels with material to the approval of the Engineer. Rates are also to include for all side trimming, working space etc. and all allowances for overbreak and making up over excavation in a material instructed by the Engineer.
- 32 Hand excavation, if necessary, has not been separately defined. Should the Contractor decide that hand excavation will be necessary, he must make any allowance within his rates to cover all works associated with hand excavation.
- 33 The rates for excavation shall include for all works necessary to transport and deposit the material off site, and similarly, rates for filling shall allow for selection, loading and transport from the temporary stockpiles to the Permanent Works. Nevertheless, the Contractor may arrange his operations to enable excavated material for re-use to be placed immediately in the Permanent Works, providing there are no specific requirements to the contrary.
- 34 All rates for excavation shall include for protecting the bottom and sides of excavation from damage and making good backfilling and consolidating where required.

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### **GENERAL (continued)**

- 35 Scheduled excavation quantities and site measured quantities for valuations will not include working space, over excavation etc., e.g. excavation quantities for pipe work at a location would comprise the product of the nominal trench width and the depth.

### **IN SITU CONCRETE**

- 36 Rates for concrete shall include for the material consumed in approving and monitoring the quality and the cost of undertaking and reporting tests.

### **CONCRETE ANCILLARIES**

- 37 Rates for bar and fabric reinforcement shall include for supports to top reinforcement. Chairs and other supports shall not be subject to admeasure.
- 38 Grouting under plates shall include supply and installation of all necessary shuttering.

### **MISCELLANEOUS METALWORK**

- 39 The rates for supplying and fixing miscellaneous metalwork shall include for taking on-site measurements, production of working drawings for approval and the re-submission if necessary, and for all and any materials including all fixings necessary to complete the installation in accordance with the specification and the manufacturer's instructions and recommendations. They shall include for drilling for or casting in fixings and fixing securely to the supporting concrete, steelwork or other member, and rectifying as specified any damage to a painted, coated, galvanised or zinc sprayed caused before or after erection.

Item	Description	Unit	Qty	Rate	£	p
	<b>GENERAL ITEMS</b>					
	<b>Contract Requirements</b>					
1	Insurance of the Works	Item				
2	Third party insurance	Item				
	<b>Specified Requirements</b>					
3	Produce as-built drawings for CDM Health & Safety file.	Item				
4	Concrete cube testing	Item				
PAGE 1 TOTAL – Carried to Summary						

<b>GENERAL ITEMS (continued)</b>						
<b>Method Related Charges</b>						
1	Site access: establishment, maintenance, removal and reinstatement.	Item				
2	Accommodation, buildings and compound fencing: establishment, maintenance, removal and reinstatement.	Item				
3	Services: establishment, maintenance, removal and reinstatement.	Item				
4	Access for users of The Donkey Sanctuary and Filham Park: establishment, maintenance, removal and reinstatement	Item				
5	Compliance with CDM Regulations and requirements of Health and Safety Plan.	Item				
6	Perform role and duties of Principal Contractor as defined by CDM Regulations.	Item				
<b>PAGE 2 TOTAL – Carried to Summary</b>						



	<b>GENERAL ITEMS (continued)</b>					
	<b>Method Related Charges</b>					
1	<p>The tenderer should insert below such items for Method Related Charges as he decides, to cover items of work relating to his intended method of executing the works, the costs of which are not to be proportional to the quantities of other items and for which he has not allowed in the rates and prices for other items.</p> <p>The tenderer should separate and define those items which are Time Related and those which are Fixed.</p>					
<b>PAGE 3 TOTAL – Carried to Summary</b>						

	<p><b>GENERAL ITEMS (continued)</b></p> <p><b>Provisional Sums - Daywork</b></p> <p><b>DAYWORK SCHEDULE</b></p> <p>This Daywork Schedule is that referred to in the Conditions of Contract - Clause 2.5 and the provisions therein shall apply.</p> <p>Where reference is made to the Schedules of Dayworks this shall mean the Schedules of Dayworks Carried Out Incidental To Contract Work issued by the Federation of Civil Engineering Contractors.</p> <p>The rates for "daywork" shall apply to work instructed by the Engineer to be carried out on a daywork basis at any time <u>up to the expiry of the Defects Correction Period</u>.</p> <p>After the date of the issue of the Certificate of Completion the Contractor may be allowed a proportion of his travelling time as determined by the Engineer.</p> <p>The Daywork schedule for this Contract is incorporated in the following clauses which enable the Contractor to quote rates and percentage variation for any work which may be ordered to be paid for on a daywork basis.</p> <p><b>Daywork Labour</b></p> <p>The Contractor is required to <u>price and extend</u> the following provisional hours of labour to be applied to any dayworks ordered. The rates shall be <u>fully inclusive</u>.</p>					
<b>PAGE 4 TOTAL – Carried to Summary</b>						

	<b>GENERAL ITEMS (continued)</b>					
	<b>Provisional Sums - Daywork (continued)</b>					
	The inclusive rates shall allow for the percentage addition required and the Notes 1, 2 and 4 as specified under LABOUR in the Schedules of Dayworks together with all types of bonus and any other associates labour costs.					
	The rates quoted shall remain unchanged for the duration of the Contract.					
	<b>Labour Rates</b>					
1	Site Supervisor at inclusive rate of	h	16			
2	Ganger at inclusive rate of	h	16			
3	Labourer at inclusive rate of	h	16			
4	Steelfixer at inclusive rate of	h	16			
5	Crane/Excavator Driver at inclusive rate of	h	16			
6	Banksman at inclusive rate of	h	16			
	Percentage addition to above rates for daywork carried out at overtime rates when specifically ordered by the Engineer. (Contractor to insert percentage required with no extension).					
7	(a) Time and a half	%	-	Percentage only		
8	(b) Double time	%	-	Percentage only		
<b>PAGE 5 TOTAL – Carried to Summary</b>						

<b>GENERAL ITEMS (continued)</b>						
<b>Provisional Sums - Daywork (continued)</b>						
<b>Daywork Material</b>						
1	Allow the provisional sum of eight thousand pounds (£8,000.00) for the cost of materials delivered to site. The cost of materials delivered to site means the actual price paid by the Contractor, net of all trade and other discounts rebates and allowances other than any cash discount not exceeding 2.5% obtainable by the Contractor for prompt payment.	Item	-		8000	0
2	<p>Addition to the cost of materials delivered to site for charges, profit and all overheads. (The percentage entered shall be in place of the percentage normally added in the Schedules of Dayworks).</p> <p>Materials used for work carried out on a daywork basis shall be paid upon production of the invoices.</p> <p>The percentage added to the cost of materials is to exclude the cost of handling. The costs for unloading into site stock or storage, including wastage, shall be added to the daywork sheet where incurred and paid for at the appropriate daywork rates.</p>	% on above	-			
<b>PAGE 6 TOTAL – Carried to Summary</b>						

	<p><b>GENERAL ITEMS (continued)</b></p> <p><b>Provisional Sums - Daywork (continued)</b></p> <p><b>Daywork Plant</b></p> <p>For all plant already on site at the time the dayworks are ordered whether owned by the Contractor or not payment shall be made at the rates given and in accordance with the Notes and Conditions of the following Section, Daywork Plant – Already on Site, of the Schedules of Dayworks current at the date of execution of the dayworks.</p> <p>Provision is made for the Contractor to add or deduct a percentage against this plant.</p> <p>Standing time shall be paid at two-third of the rate.</p> <p>For plant hired in specifically for dayworks payment shall be made for plant hire, labour, fuel oil and grease, insurance transport, etc, to be charged at full amount of invoice (without deduction of any cash discounts not exceeding 2.5%) to which should be added consumables where supplied by the Contractor.</p> <p>Provision is made for the Contractor to enter the percentage addition required.</p>					
PAGE 7 TOTAL – Carried to Summary						

<b>GENERAL ITEMS (continued)</b>						
<b>Provisional Sums - Daywork (continued)</b>						
<b>Daywork Plant - Already on Site</b>						
1	Allow the provisional sum of three thousand pounds (£3,000.00) for the use of plant already on site.	Item	-	-	3000	0
	* Addition / Deduction to the cost of plant already on site for adjustment of charges profit and all overheads.	% on above	-			
<b>Daywork Plant - Hired in Specifically</b>						
2	Allow the provisional sum of three thousand pounds (£3,000.00) for the use of plant hired in specifically for daywork.	Item	-	-	3000	0
3	Addition to the cost of hired plant for charges, profit and all overheads, (The percentage entered shall be in place of the percentage normally added to the Schedules of Dayworks).	% on above	-			
<b>Supplementary Charges</b>						
4	Allow the provisional sum of one thousand pounds (£1,000.00) for supplementary charges.	Item	-	-	1000	0
5	* Addition / Deduction to the cost of Supplementary Charges for charges, profit and overheads. (the percentage entered shall be in place of the percentage normally added in the Schedules of Dayworks).	% on above	-			
<b>Value Added Tax</b>						
The principles quoted in the Schedules of Dayworks current at the day of the dayworks will apply.						
* delete as appropriate						
<b>PAGE 8 TOTAL – Carried to Summary</b>						

	<b>GENERAL ITEMS (continued)</b>					
	<b>Other Provisional Sums</b>					
1	scan site for services under proposed works	item				
<b>PAGE 9 TOTAL – Carried to Summary</b>						

<b>THE WORKS</b>						
<b>Section 1 Godwell Lane to The Donkey Sanctuary</b>						
1	Remove existing speed humps & make good road surface	nr	5			
2	Patch repairs of existing road					
3	Damaged surface - Plane 60mm thick, Reconstruction of existing road - AC 20 dense binder 100/150 NS, 60mm thick	m2	180			
4	Reconstruction of existing road - AC 20 dense binder 100/150 NS, 60mm thick	m2	180			
5	Reconstruction of existing road - Plane 60mm thick, Reconstruction of existing road - AC 20 dense binder 100/150 NS, 60mm thick	m2	100			
6	Reconstruction of existing road - AC 20 dense binder 100/150 NS, 60mm thick	m2	100			
7	Localised widening					
8	Scrape back and prepare existing surface	m2	50			
9	150mm sub base Type 1 in accordance with the Specification for Highway works	m2	50			
10	AC32 dense base 100mm thick	m2	50			
11	AC20 dense binder 100/150 NS, 60mmthick	m2	50			
12	Resurfacing of existing road, AC 10 close surface 100/150 57PSV, 35mm thick	m2	842			
13	Install new road humps, 3.7m long x 80mm thick as shown on Drawing 15818-210-T1	nr	5			
14	Widen entrance to existing footpath as detailed on Drawings 15818-205-T1 and 15818-210-T1.					
15	Scrape and prepare existing surface	m2	17			
16	AC20 Dense binder 100/150 NS, 60mm thick	m2	17			
17	AC 10 close surface 100/150 67PSV, 50mm thick	m2	17			
18	Associated miscellaneous works	item	1			
19	Staggered pedestrian barrier at entrance to footpath, as shown on Drawing 15818-210-T1	item	1			
20	Timber fencing as shown on drawing 15818-210-T1	m	9			
<b>PAGE 10 TOTAL – Carried to Summary</b>						



	<b>THE WORKS (continued)</b>					
18a	PROVISIONAL -Widen and relay footpath with timber edging as Drawing 15818-210-T1	m	178			
	<b>OR</b>					
18b	PROVISIONAL -Widen and relay footpath with concrete edging as Drawing 15818-210-T1	m	178			
19	Pedestrian sign, including posts, foundation etc as shown on Drawing 15818-207-T1	nr	4			
20	Road hump signs, including posts, foundation etc as shown on Drawing 15818-207-T1	nr	1			
21	Thermoplastic markings Walking person symbols	nr	2			
<b>PAGE 11 TOTAL – Carried to Summary</b>						

<b>THE WORKS (continued)</b>					
<b>Section 2 Donkey Sanctuary to Filham Park</b>					
21	Remove existing speed humps & make good road surface	nr	3		
22	Carefully remove existing height restriction barrier, locking pole etc and store for reuse on completion	nr	1		
	Localised widening				
23	Scrape back and prepare existing surface	m2	138		
24	150mm sub base Type 1 in accordance with the Specification for Highway works	m2	138		
25	AC32 dense base 100mm thick	m2	138		
26	AC20 dense binder 100/150 NS, 60mmthick	m2	138		
27	Install new road humps, 3.7m long x 80mm thick as shown on Drawing 15818-210-T1	nr	4		
28	Resurfacing of existing road, AC 10 close surface 100/150 57PSV, 35mm thick	m2	601		
29	Pedestrian sign, including post, foundation etc as shown on Drawing 15818-208-T1	nr	1		
30	Road hump sign, including post, foundation etc as shown on Drawing 15818-208-T1	nr	1		
31	Height restriction sign, including posts, foundation etc as shown on Drawing 15818-208-T1	nr	1		
32	Reinstall Vehicle height restriction barrier as shown on Drawing 15818-206-T1 re-installed cast in concrete & in accordance with manufacturer's instructions	nr	1		
33	Sheffield cycle hoops as shown on Drawings 15818-206-T1 & 15818-210-T1, installed cast in concrete & in accordance with manufacturer's instructions.	nr	5		
<b>PAGE 12 TOTAL – Carried to Summary</b>					

	<b>THE WORKS (continued)</b>					
	Thermoplastic markings					
34	Pedestrian walkway. (including lines across Donkey Sanctuary entrance	m	150			
35	Walking person symbol	nr	8			
36	Car parking bays	m	33			
37	Car parking bays – Disabled	nr	2			
38	Hatched non parking bay in front of access gate	nr	1			
<b>PAGE 13 TOTAL – Carried to Summary</b>						

1	<p><b>THE WORKS (continued)</b></p> <p><b>ADDITIONAL ITEMS – By Contractor</b></p> <p>It will be assumed that the Contractor has visited the site and studied thoroughly the Schedules of Work and drawings and that he has included within the Schedules of Work for carrying out the whole of the works shown in the drawings and Specifications or reasonably inferred thereby. Having visited the site and studied the Schedules of Work and drawings and priced out the Schedules of Work, should the Contractor consider that any item or items of work within these documents or reasonably inferred thereby cannot be sensibly included for in any of the items already on this Schedule, then he should enter these items below itemising the costs in the same manner as the items already included in this document.</p>					
PAGE 14 TOTAL – Carried to Summary						

## SUMMARY

Page 1	General Items	£
Page 2	General Items cont. - Method Related charges	£
Page 3	General Items cont. - Method Related charges	£
Page 4	General Items cont. -Provisional Sums – daywork	£
Page 5	General Items cont. -Provisional Sums – daywork	£
Page 6	General Items cont. -Provisional Sums – daywork	£
Page 7	General Items cont. -Provisional Sums – daywork	£
Page 8	General Items cont. -Provisional Sums – daywork	£
Page 9	General Items cont. -Provisional Sums – other	£
Page 10	The Works- Section 1 Godwell lane to Donkey Sanctuary	£
Page 11	The Works- Section 1 cont	£
Page 12	The Works- Section 2 Donkey Sanctuary to Filham Park	£
Page 13	The Works- Section 2 cont	£
Page 14	Additional Works by Contractor	£
TOTAL		£