

**Appendix B - Schedule of Rates**

**Victory Housing - Road repair works 2017/ 18**

Locations - various as per Appendix D. Planned repair works assumes 6 nr sites as per Appendix E. Assumes initial one year contract duration.

**Schedule of Rates**

The following assumed extent of planned and responsive works is to form the basis of the tender sum and maximum annual order value. To be read in conjunction with the Specification Appendix A and the Preambles Appendix C.

Ref	Road repair works	Approx Quantity	Unit	Rate	Contract Total	Notes
			number (nr) item linear metre (m) square meter (sq.m) cubic metre (cub.m) Percentage (%) hour (hr)	£	Qty x Rate	
	<b><u>Works</u></b>					
1.0	<b><u>Planned repair works</u></b>					
1.1	<u>Crack repairs - Macadam</u>	C	Clean out existing joints to asphalt surfacing and re-seal with hot applied bitumen.	10	m	Rate to be inclusive of labour, plant, materials and overheads and profit
1.2	<u>Crack repairs - Concrete</u>	C	Saw cut crack to form joint size 20-25mm wide by 20mm deep and seal with bituminous mastic with bauxite grit finish.	10	m	Rate to be inclusive of labour, plant, materials and overheads and profit
1.3	<u>Kerb replacement</u>	K	Carefully break out damaged kerb and replace with new kerb, sized to match adjacent laid on Class 1 mortar bed 13mm thick, renewing haunching to back face of kerb.	20	item	Rate to be inclusive of labour, plant, materials and overheads and profit
1.4	<u>Pothole repairs</u>	P	Clean out all loose debris and reinstate surfacing to potholes to depth as required as follows:  Surface course (40mm) - reinstate surface with close graded macadam surface course to clause 7.4 (BS4987:1) 0/10mm nominal size aggregate.  Binder course (50mm) - provide dense macadam binder course to clause 6.5 (BS4987:1) 0/20mm nominal size aggregate.  Base course (250mm) - provide clean crushed hardcore or concrete blinded with 0/6mm 'all-in' aggregate.  General fill (as required) - provide Class 1 granular fill material to table 6/1(4) and clause 613(4) compacted in layers in accordance with table 6/4(4)	400	sq.m	Rate to be inclusive of labour, plant, materials and overheads and profit
				200	sq.m	Rate to be inclusive of labour, plant, materials and overheads and profit
				100	sq.m	Rate to be inclusive of labour, plant, materials and overheads and profit
				50	sq.m (0.1 cub.m)	Rate to be inclusive of labour, plant, materials and overheads and profit. Volume of fill assumed 10% of area i.e. 100mm deep. Pro-rata for additional depth to next 100mm.
1.5	<u>Gulley replacement</u>	G	Ease cover and cut surface minimum 200mm from frame and 50mm from furthest point of cracking. Remove frame and surfacing with mechanical lifting device and remove all bedding material. Install new gulley onto new bedding (5mm greater depth than required) and place cover tamping down to required level. Reinstall adjacent surfacing to match existing.	10	item	Rate to be inclusive of labour, plant, materials and overheads and profit

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Ref	Road repair works		Approx Quantity	Unit	Rate	Contract Total	Notes
1.6	<u>Gulley - rebed cover</u>	G	Remove existing cover and break out existing bedding, form new bedding for cover (5mm greater depth than required) and place cover, tamping down to required level.	10	item		Rate to be inclusive of labour, plant, materials and overheads and profit
1.7	<u>Gulley - clean road gulley</u>	CG	Gullies to be cleaned out by drainage contractor with gully sucker.	10	item		Rate to be inclusive of labour, plant, materials and overheads and profit
1.8	<u>Gulley - clean slot drain</u>	CG	Remove cover, clean out drain, rodding through as require and reinstate cover.	10	m		Rate to be inclusive of labour, plant, materials and overheads and profit
1.90	<u>Manhole cover - rebed cover</u>	M	Ease cover and remove using mechanical lifting device and remove all bedding material. Inspect cover to check integrity and reinstate onto new bedding with compressive strength exceeding 30N/mm <sup>2</sup> (in 3 hours), maximum thickness of single bedding layer to be 50mm, for depths exceeding this lay in multiple layers not exceeding 40mm.	10	item		Rate to be inclusive of labour, plant, materials and overheads and profit
1.10	<u>Manhole cover - replace</u>	M	Ease cover and remove using mechanical lifting device and remove all bedding material. Replace cover with new as required onto new bedding with compressive strength exceeding 30N/mm <sup>2</sup> (in 3 hours), maximum thickness of single bedding layer to be 50mm, for depths exceeding this lay in multiple layers not exceeding 40mm.	10	item		Rate to be inclusive of labour, plant, materials and overheads and profit
1.11	<u>Cast In-Situ concrete repair</u>	Conc	Carefully break out section of concrete to be replaced and cart away all debris. Reduce levels as required and reinstate concrete with 12mm dia. mild steel tie bars 550mm long at 600mm centres resin fixed to existing retained slab. Seal joint with proprietary joint sealant. Make up sub base as necessary with Type 1 granular fill in maximum 150mm layers. Concrete to be as follows:	200	sq.m		Rate to be inclusive of labour, plant, materials and overheads and profit
			- Roads/Hardstandings - PAV2 in-situ concrete slab, reinforced with 1 layer of A193 mesh bottom (35mm cover, 450mm min. laps), cast on 1200gauge DPM as slip membrane, concrete thickness to be 200mm.	150	sq.m		Rate to be inclusive of labour, plant, materials and overheads and profit
			- Footpaths - PAV1 in-situ concrete slab, reinforced with 1no layer of A193 mesh bottom (35mm cover, 450mm min. laps), concrete thickness to be 100mm.	50	sq.m		Rate to be inclusive of labour, plant, materials and overheads and profit
1.12	<u>Unmade road repair</u>	RUn	Remove all loose surfacing and fill surface depression with Type 1 granular fill. Thoroughly compact fill to ensure level surface	1000	sq.m (0.1 cub.m)		Rate to be inclusive of labour, plant, materials and overheads and profit. Volume of fill assumed 10% of area i.e. 100mm deep. Pro-rata for additional depth to next 100mm.
1.13	<u>Top Course</u>	TC	Existing surfacing planed off and formation prepared by rolling using min 2.5T roller (potholes to be repaired and priced as per specification above - 1.4 P)	200	sq.m		Rate to be inclusive of labour, plant, materials and overheads and profit

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Ref	Road repair works	Approx Quantity	Unit	Rate	Contract Total	Notes	
1.14	<u>Re-Lay Macadam</u>	RL	Break out existing surfacing complete and relay using:				
	Surface course (40mm) - reinstate surface with close graded macadam surface course to clause 7.4 (BS4987:1) 0/10mm nominal size aggregate	1500	sq.m			Rate to be inclusive of labour, plant, materials and overheads and profit	
	Binder course (50mm) - provide dense macadam binder course to clause 6.5 (BS4987:1) 0/20mm nominal size aggregate	500	sq.m			Rate to be inclusive of labour, plant, materials and overheads and profit	
	Base course (250mm) - provide clean crushed hardcore or concrete blinded with 0/6mm 'all-in' aggregate	250	sq.m			Rate to be inclusive of labour, plant, materials and overheads and profit	
	General fill (as required) - provide Class 1 granular fill material to table 6/1(4) and clause 613(4) compacted in layers in accordance with table 6/4(4)	50	sq.m (0.1 cub.m)			Rate to be inclusive of labour, plant, materials and overheads and profit. Volume of fill assumed 10% of area i.e. 100mm deep. Pro-rata for additional depth to next 100mm.	
1.15	<u>Concrete Paving Slabs</u>		10	sq.m		Carefully lift slabs to be relaid and set aside for re-use (replace if cracked/damaged). Prepare surface as required and lay cement:sand screed bedding (1-3 mix) to suit adjacent levels, lightly compact screed and lay paving slabs onto bedding, consolidating to suit levels as required. Point joints on completion with suitable dry grout. Make up levels as required prior to screeding with Type 1 granular fill.	Rate to be inclusive of labour, plant, materials and overheads and profit
1.16	<u>Block Paving</u>		10	sq.m		Carefully lift blocks to be relaid, setting aside for re-use (make up all damaged blocks with new good quality block paving to match). Prepare surface as required and lay slightly damp sand to a thickness of 50mm and compact with vibrating plate. Lay 2nd layer of sand to a thickness of 20mm, lay block paving as required and sand joints with dried sand. Compact completed paving with vibrating plate and sand and compact until joints are filled.	Rate to be inclusive of labour, plant, materials and overheads and profit
1.17	<u>Preliminaries</u>		6	nr		Management and supervision of the works (allowance per site) including insurances	Planned works only.
	Provisional Sum - Client Contingency	1	item	10,000.00	10,000.00		Planned works only.
<b>Total Tender</b>						C/F Total anticipated value of work to be carried out under the contract initial period.	

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Ref	Road repair works		Approx Quantity	Unit	Rate	Contract Total	Notes
2.0	<b>Responsive Repairs</b>						
2.1	<u>Routine priority</u>	R	Additional Charge per responsive Order	25	item		Note the routine priority response rate addition is to be applied once to the collective rates applied in respect of the site visit(s) in response to the works order request i.e. once only to any combination of 1.1 to 1.16 inclusive above regardless of quantity. To be completed within 28 days of Order.
2.2	<u>Emergency priority - non-weekend or bank holiday</u>	E	Additional Charge per responsive Order	5	item		Note the emergency priority response rate addition is to be applied once to the collective rates applied in respect of the site visit(s) in response to the works order request i.e. once only to any combination of 1.1 to 1.16 inclusive above regardless of quantity. Emergency – to be attended/ made safe and completed within 24 hours.
2.2	<u>Emergency priority - weekend or bank holiday</u>	E	Additional Charge per responsive Order	5	item		Note the emergency priority response rate addition is to be applied once to the collective rates applied in respect of the site visit(s) in response to the works order request i.e. once only to any combination of 1.1 to 1.16 inclusive above regardless of quantity. Emergency – to be attended/ made safe and completed within 24 hours.
<b>Total Tender</b>						_____	Total anticipated value of work to be carried out under the contract initial period.

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3.0	<u>Schedule of Hourly Charges for additional work</u>					In the event that works cannot be valued by the planned work rates above (preferred method) then the Contractor is to price in accordance with daywork rates as follows
3.1	<u>Labour - planned</u>	Hourly all-in labour rate for planned works	-	hr		excluding plant and materials
3.2	<u>Labour - routine</u>	Hourly all-in labour rate for routine responsive repair call-out (priority coding R)	-	hr		excluding plant and materials
3.3	<u>Labour - emergency</u>	Hourly all-in labour rate for emergency responsive repair call-out (priority coding E)	-	hr		excluding plant and materials
3.4	<u>OH&amp;P - materials</u>	Overheads and profit on the invoice price of materials	-	%		
3.5	<u>OH&amp;P - plant</u>	Overheads and profit on the invoice price of plant, services and consumable stores	-	%		