



ESTIMATE SUMMARY REPORT

Estimate No.	tbc.	Revision	0.2	Estimate Stage	2
Estimate Date	26-Jan-17	Price 'Base date'	Q12016		
Anticipated Start Date	tbc.	Anticipated Finish Date	tbc.		
Project No.	70012699				
Project Title/Location	Thames Valley Park - Park and Ride				

WBS	ESTIMATE BREAKDOWN	QTY	UNIT	RATE	VALUE	% OF POINT ESTIMATE	REMARKS
1	DIRECT CONSTRUCTION WORKS						
1.01	Roadworks				£ 692,792.65		
1.01.01	Series 200: Site Clearance						
	General site clearance	1	sum	£ 1,000.00	£ 1,000.00		
1.01.03	Series 600: Earthworks						
	Excavation by machine of acceptable material excluding Class 5A in cutting and	10982.6	m³	£ 5.00	£ 54,913.20		
	Excavation by hand of acceptable material excluding Class 5A in cutting and	2745.7	m³	£ 35.00	£ 96,098.10		
	Extra over excavation for excavation in hard material in cutting and other ex	1372.8	m³	£ 45.00	£ 61,777.35		
	Deposition of acceptable material in embankments	223.5	m³	£ 10.00	£ 2,235.00		
	Disposal of acceptable material excluding Class 5A	13504.8	m³	£ 30.00	£ 405,144.00		
	Gabion wall: Southern Edge (Eastern section): Length 140 m, max height 2 m	350	m³	£ 150.00	£ 52,500.00		
	Gabion wall: Eastern Edge: Length 34 m, max height 2 m	85	m³	£ 150.00	£ 12,750.00		
	Gabion wall: Northern Edge (Eastern section): Length 34 m, max height 1.5	42.5	m³	£ 150.00	£ 6,375.00		
	DIRECT CONSTRUCTION WORKS: (A)				£ 692,792.65	64.2%	
2	INDIRECT CONSTRUCTION COSTS						
2.01	Preliminaries				£ 138,558.53		20.0% of Direct Construction works. BM. (20-30%)
2.02	Traffic Management				£ -		0.0% of Direct Construction works. BM. (5-20%)
2.03	Overheads and Profit				£ 86,599.08		9.4% of Total Construction works. BM (7-15%)
	INDIRECT CONSTRUCTION COSTS: (B)				£ 225,157.61	20.9%	
	TOTAL BASE CONSTRUCTION COST: (C)				£ 917,950.26	85.1%	
3	PROJECT/DESIGN TEAM FEES AND OTHER DEVELOPMENT COSTS						

TVP P&R Parking Area Cost Estimate

2,100,000 W Triangle original tender cost (325 spaces)

1,363,636 W Triangle base cost calculated (assuming 10% design + pm, 44% opt bias) (325 spaces)

4,196 base cost per space

1,162,238 TVP P&R base cost estimate (277 spaces) - 2014 Prices

1.07.11.	Roads, pavements and hardstandings					
	CLASS E: EARTHWORKS					
	<u>General excavation</u>					
	Topsoil					
	Maximum depth: not exceeding 0.25 m	1,100	m3	£	2.50	£ 2,750.00
	Material other than topsoil, rock or artificial hard material					
	Maximum depth: not exceeding 0.25 m	1,100	m3	£	2.50	£ 2,750.00
	<u>Excavation ancillaries</u>					
	Preparation of excavated surfaces					
	Material other than topsoil, rock or artificial hard material	1,100	m2	£	2.90	£ 3,194.40
	Disposal of excavated material					
	Material other than topsoil, rock or artificial hard material	550	m3	£	29.67	£ 16,318.50
1.07.11.01.02.0	Filling to structures		m3	£	-	£ -
1.07.11.01.03.0	Surfaced access ways : vehicular		m2			
	CLASS R: ROADS AND PAVINGS					
	<u>Unbound sub-base</u>					
	Type 1 unbound mixture					
	Depth: exceeding 300 mm	330	m3	£	65.47	£ 21,605.10
	<u>Bituminous bound pavements</u>					
	Series_700_02: Pavement					
700_02_01	Dense Bitumen Macadam [DBM50] with 40 mm aggregate base 160 mm thick in carriageway, hardshoulder and hardstrip	1100	m ²	£	35.40	£ 38,940.00
700_02_02	Dense Bitumen Macadam [DBM50] with 20 mm aggregate binder course 60 mm thick in carriageway, hardshoulder and hardstrip HARDSTONE	1100	m ²	£	21.03	£ 23,133.00
700_02_03	Thin bonded surface course system to Clause 942 with 14 mm aggregate 40 mm thick in carriageway, hardshoulder and hardstrip 68 PSV	1100	m ²	£	19.58	£ 21,538.00
	CLASS R: ROADS AND PAVINGS					
	<u>Kerbs, channels, edgings, footways and paved areas</u>					
	Precast concrete kerbs					
	Straight or curved to radius exceeding 12 m	300	m	£	34.03	£ 37,140.00
500_01	Series_500_01: Drains and Service Ducts (excluding Filter Drains, Narrow Filter Drains and Fin Drains)					
500_01_01	150 mm internal diameter concrete - standard drain as gully connection on bed Type S in trench depth to invert not exceeding 2 metres, average depth to invert 1.5 metres	20	m	£	152.15	£ 3,043.00
500_01_03	225 mm internal diameter concrete - standard drain on bed Type S in trench depth to invert exceeding 2 metres but not exceeding 4 metres, average depth to invert 3 metres	150	m	£	155.93	£ 23,389.50
500_05_01	Precast concrete catchpit Type 1 as WSD/500/5 with D400 cover and frame depth to invert exceeding 1.0 metres but not exceeding 2 metres	2	no	£	2,500.00	£ 5,000.00
500_05_02	Precast concrete trapped gully as WSD/500/4 with D400 grating and frame	8	no	£	517.39	£ 4,139.12
	Street lighting allowance for 4 columns, connecitons and lanterns	4	no	£	6,000.00	£ 24,000.00
	Verge tidy and seeding		allowance			£ 10,000.00
	Sub-total construction costs					£ 236,940.62