	DACCIVE HOUSE COST PROJECT	r (nucn)			T	Τ					
	PASSIVE HOUSE COST PROJECT	(РНСР)									
	COST ANALYSIS TEMPLATE										
										 	
		d Quantity Surveyors e-Griffin Consulting Limited to provice analysis of projects to be prepared on an identical basis. It									
		analysis of projects to be prepared on an identical basis. It it: Order of Cost Estimating and Elemental Cost Planning f								+	
	Building Works (2nd Edition) because it makes	s sense to use a recognised standard so that all cost data o									
	in a recognisable manner.										
	At the top of the spreadsheet there are data fields	 for insertion of the project title and up to 6 different house typ	pec Ideally a conarate enreadsheet								
		recognised that in some instances that level of detail is not ava								+	
	house types can be shown on the same worksheet	i.									
	As the New Rules of Measurement include classific	cation for all projects, there are quite a lot of rows on the sprea	dsheet which will not apply to							+	
	your projects. It is appreciated that this may make	the spreadsheet more unwieldy than you might wish, however	we would ask that these rows are								
	·	ne cell of a worksheet. This will make analysis and collection of o	data from different projects for								
	comparison much simpler and it will be possible to	do this automatically and electronically.								+	
		ed and/or entered at different levels of detail. Again ideally we	would like to obtain the full								
	detail as displayed when the blue 'ALL COMPONEN	NTS' button is pressed.									
	The worksheet is protected so that data can only be	l be entered in the yellow shaded cells and the formulae cannot b	pe deleted or removed by							+	
	accident. However, where a formula is included in	an accessible cell it can be overwritten if required.									
	The only text to be inserted apart from the name of	the development and house type references is the description	n of each component in column J							+	
	starting from row 61. Please try and include the in	formation details listed in column K. The cells are formatted to	•								
	sufficient room in the cell on each row.									+	
	Should you have any queries, please contact Richa	Ird Whidborne at e-Griffin Consulting Ltd.	rw@e-griffin.fsnet.co.uk	tel. 07799 840768						+	
		electronically to the Passive House Cost Project – please be assu eting of collaborators for discussion – email for meeting dates.		tained						+	
	at an arries of string to a rie	Citing of contagnation for another citing account	moe preprogram								
	NAME OF BEVELORMENT										
	NAME OF DEVELOPMENT:		I								
	House Type:	Gross internal floor area each unit		m2	House Type	Gross internal floor area each unit		m2		+	
		Nr. of bedrooms				Nr. of bedrooms					
		Nr. of people Nr. of units				Nr. of people Nr. of units					
		Nr. of units				Nr. of units				+	
	House Type:				House Type						
		Gross internal floor area each unit Nr. of bedrooms		m2		Gross internal floor area each unit Nr. of bedrooms		m2	_		
		Nr. of people				Nr. of people				+	
		Nr. of units				Nr. of units					
	House Type:				House Type					+	
	,.	Gross internal floor area each unit		m2		Gross internal floor area each unit		m2			
		Nr. of bedrooms Nr. of people				Nr. of bedrooms Nr. of people					
		Nr. of people				Nr. of units				+	
		TOTAL NR. OF UNITS TOTAL GROSS FLOOR AREA		nr m2						+	
		TOTAL BEDSPACES		nr							
REF.	GROUP ELEMENT	ELEMENT	SUB-ELEMENT	COMPONENT	DESCRIPTION of COMPONENT	Notes	QUANTITY	UNIT	UNIT RATE	COST	COST
1	0 FACILITATING WORKS	0 FACILITATING WORKS				Gross Internal Floor Area	() m2		+	f -
.1		0.1 Toxic/hazardous material removal				dross internal ribbi Area	(£ -	£ -
.1.1			1 Toxic or hazardous material removal								
0.1.1 .1				1 Toxic or hazardous material removal				item		+	£ -
).1.1 .2				2 Toxic or hazardous chemical removal				item			£ -
.1.2 .1			2 Contaminated land	1 Contaminated ground material removal				m2/m3		+	f -
.1.2 .2				2 Contaminated ground material treatment				m2/m3			£ -
112			2 Fradication of alast as 11								
.1.3			3 Eradication of plant growth	1 Eradication by dig and dump strategy				m2/m3		+	£ -
.1.3 .2				2 Eradication by chemical treatment				nr/m2			£ -
.2.1		0.2 Major demolition works	1 Demolition works				() m2		£ -	£ -
.2.1 .1			2 55OIRION WORKS	1 Demolition of entire buildings				m2			£ -
.2.1 .2				2 Demolition of major parts of existing				m2			£ -
0.2.1.3				buildings 3 Temporary propping to existing basement				nr		+	f -
				retaining walls							
.2.1 .4				4 Extra over temporary propping for providing wailings				m			£ -
.2.1 .5				5 Periodic technical inspections of temporary				nr		+	£ -
				propping							
0.2.1 .6				6 Returning to site to reposition temporary props				nr			f -
				7 Removal of temporary props				nr		+	£ -
2.1 .7											

0 2 1 0		Т	9 Demoval of wailings			
0.2.1.8			8 Removal of wailings 9 Grubbing up of anchor blocks/ foundations to		m nr	± £
1			temporary props and infilling voids			
0.2.2		26.6.44				
0.2.2 0.2.2 .1		2 Soft strip works	1 Preparatory to demolition		m2	£
0.2.2.2			2 Preparatory to refurbishment			
0.2	027					
0.3	0.3 Temporary support to adjacent structures	1 Temporary support to adjacent			0 m2	£ - £
0.3.1		structures				
0.3.1.1			1 Support structures		nr	£
0.3.1 .2			2 Taking down and repositioning support structures		nr	£
0.3.1.3			3 Periodic technical inspections of temporary		nr	£
			support structures			
0.3.1 .4	O. A. Constitution and the state of the stat		4 Removing support structures		0 m2	f - f
0.4.1	0.4 Specialist groundworks	1 Site dewatering and pumping			0 1112	E - E
0.4.1 .1			1 Site dewatering		item/m2	£
0.4.2		2 Soil stabilisation measures	A Call at a billion is			
0.4.2 .1		3 Ground gas venting measures	1 Soil stabilisation measures		m2	f
0.4.3 .1			1 Ground gas venting		m2	£
0.5	0.5 Temporary diversion works				0 m	£ - £
0.5.1 0.5.1 .1		1 Temporary diversion works	1 Temporary diversion of drains		item	f
0.5.1.2			2 Temporary diversion of services		item	f
0.5.1.3			3 Temporary diversion of waterways		item	f
0.6	0.6 Extraordinary site investigation works	1 Augha and aired in creations			0 m2	<u>£</u> - <u>£</u>
0.6.1 0.6.1 .1		1 Archaeological investigation	1 Excavation works		item	f
0.6.1 .2			2 Temporary screens and the like		item	f
0.6.1.3			3 Attendance on archaeologists		item	£
0.6.2		2 Reptile/wildlife mitigation measures				
0.6.2 .1			1 Physical reptile/wildlife mitigation measures		item	£
0.6.2 .2			2 Temporary fences, barriers and the like 3 Attendance		item item	f f
0.6.3		3 Other extraordinary site investigation	3 Accendance		item	
		works				
0.6.3 .1			1 Physical site investigation works		item item	f f
0.0.3 .2			2 Temporary screens, fences, barriers and the like		item	
0.6.3 .3			3 Attendance		item	£
1	1 SUBSTRUCTURE 1 SUBSTRUCTURE			Gross Internal Floor Area	0 m2 0 m	<u>f</u> - <u>f</u> - <u>f</u>
1.1.1	1.1 Substructure	1 Standard foundations			0 m	I - I
1.1.1 .1						
1.1.1 .2			1 Strip foundations	details, including depth of foundation	m	£
			1 Strip foundations 2 Isolated pad foundations	details, including size of and reinforcemen		£
1.1.1.3			2 Isolated pad foundations	details, including size of and reinforcemen (kg/m³) to base,	t rate nr	_
1.1.1 .3				details, including size of and reinforcemen		£ £
			2 Isolated pad foundations 3 Extra for disposal of	details, including size of and reinforcemen (kg/m³) to base,	t rate nr	_
1.1.2		2 Specialist foundations	2 Isolated pad foundations 3 Extra for disposal of contaminated excavated material	details, including size of and reinforcemen (kg/m³) to base,	trate nr m3	£
		2 Specialist foundations	2 Isolated pad foundations 3 Extra for disposal of contaminated excavated	details, including size of and reinforcemen (kg/m³) to base,	t rate nr	_
1.1.2 1.1.2 .1 1.1.2 .2 1.1.2 .3		2 Specialist foundations	2 Isolated pad foundations 3 Extra for disposal of contaminated excavated material 1 Piling mats/platforms 2 Piling plant: details 3 Moving piling rig to pile position.	details, including size of and reinforcemen (kg/m³) to base, details	m2 item nr	£ £ £ £
1.1.2 1.1.2 .1 1.1.2 .2		2 Specialist foundations	2 Isolated pad foundations 3 Extra for disposal of contaminated excavated material 1 Piling mats/platforms 2 Piling plant: details	details, including size of and reinforcemen (kg/m³) to base, details details details, including type, diameter (mm) and	m2 item nr	£ £
1.1.2 1.1.2.1 1.1.2.2 1.1.2.3 1.1.2.4		2 Specialist foundations	2 Isolated pad foundations 3 Extra for disposal of contaminated excavated material 1 Piling mats/platforms 2 Piling plant: details 3 Moving piling rig to pile position. 4 Piles	details, including size of and reinforcemen (kg/m³) to base, details details details, including type, diameter (mm) and (m) of piles	m2 item nr d depth	£ £ £ £
1.1.2 1.1.2 .1 1.1.2 .2 1.1.2 .3		2 Specialist foundations	2 Isolated pad foundations 3 Extra for disposal of contaminated excavated material 1 Piling mats/platforms 2 Piling plant: details 3 Moving piling rig to pile position.	details, including size of and reinforcemen (kg/m³) to base, details details details, including type, diameter (mm) and (m) of piles details, including material, length (m), diar (mm) and if permanent or temporary, to b	m3 m3 m2 item nr nr d depth nr nr	£ £ £ £ £
1.1.2 1.1.2.1 1.1.2.2 1.1.2.3 1.1.2.4		2 Specialist foundations	2 Isolated pad foundations 3 Extra for disposal of contaminated excavated material 1 Piling mats/platforms 2 Piling plant: details 3 Moving piling rig to pile position. 4 Piles 5 Extra for pile casings or linings	details, including size of and reinforcemen (kg/m³) to base, details details details, including type, diameter (mm) and (m) of piles details, including material, length (m), diar (mm) and if permanent or temporary, to b stated.	m2 item nr d depth nr nr	£ £ £ £ £ £ £ £
1.1.2 1.1.2 .1 1.1.2 .2 1.1.2 .3 1.1.2 .4		2 Specialist foundations	2 Isolated pad foundations 3 Extra for disposal of contaminated excavated material 1 Piling mats/platforms 2 Piling plant: details 3 Moving piling rig to pile position. 4 Piles	details, including size of and reinforcemen (kg/m³) to base, details details details, including type, diameter (mm) and (m) of piles details, including material, length (m), diar (mm) and if permanent or temporary, to b stated. details,	m2 item nr d depth nr ee nr	£ £ £ £ £
1.1.2 1.1.2.1 1.1.2.2 1.1.2.3 1.1.2.4		2 Specialist foundations	2 Isolated pad foundations 3 Extra for disposal of contaminated excavated material 1 Piling mats/platforms 2 Piling plant: details 3 Moving piling rig to pile position. 4 Piles 5 Extra for pile casings or linings	details, including size of and reinforcemen (kg/m³) to base, details details details, including type, diameter (mm) and (m) of piles details, including material, length (m), diar (mm) and if permanent or temporary, to b stated.	m2 item nr d depth nr ee nr	£ £ £ £ £ £ £ £
1.1.2 1.1.2.1 1.1.2.2 1.1.2.3 1.1.2.4		2 Specialist foundations	2 Isolated pad foundations 3 Extra for disposal of contaminated excavated material 1 Piling mats/platforms 2 Piling plant: details 3 Moving piling rig to pile position. 4 Piles 5 Extra for pile casings or linings 6 Caissons 7 Disposal of excavated material arising from	details, including size of and reinforcemen (kg/m³) to base, details details details, including type, diameter (mm) and (m) of piles details, including material, length (m), diar (mm) and if permanent or temporary, to b stated. details, including type, diameter (mm) and depth (miles)	m2 item nr d depth nr ee nr	£ £ £ £ £ £ £ £
1.1.2 1.1.2.1 1.1.2.2 1.1.2.3 1.1.2.4 1.1.2.5		2 Specialist foundations	2 Isolated pad foundations 3 Extra for disposal of contaminated excavated material 1 Pilling mats/platforms 2 Pilling plant: details 3 Moving piling rig to pile position. 4 Piles 5 Extra for pile casings or linings 6 Caissons 7 Disposal of excavated material arising from piling.	details, including size of and reinforcemen (kg/m³) to base, details details details, including type, diameter (mm) and (m) of piles details, including material, length (m), diar (mm) and if permanent or temporary, to b stated. details, including type, diameter (mm) and depth (miles)	m2 item nr id depth nr nr nr maneter e nr mr	£ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £
1.1.2 1.1.2.1 1.1.2.2 1.1.2.3 1.1.2.4 1.1.2.5		2 Specialist foundations	2 Isolated pad foundations 3 Extra for disposal of contaminated excavated material 1 Piling mats/platforms 2 Piling plant: details 3 Moving piling rig to pile position. 4 Piles 5 Extra for pile casings or linings 6 Caissons 7 Disposal of excavated material arising from	details, including size of and reinforcemen (kg/m³) to base, details details details, including type, diameter (mm) and (m) of piles details, including material, length (m), diar (mm) and if permanent or temporary, to b stated. details, including type, diameter (mm) and depth (miles)	m3 m2 item nr d depth nr neter e m) of	£ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £
1.1.2 1.1.2.1 1.1.2.2 1.1.2.3 1.1.2.4 1.1.2.5 1.1.2.6 1.1.2.7		2 Specialist foundations	2 Isolated pad foundations 3 Extra for disposal of contaminated excavated material 1 Piling mats/platforms 2 Piling plant: details 3 Moving piling rig to pile position. 4 Piles 5 Extra for pile casings or linings 6 Caissons 7 Disposal of excavated material arising from piling. 8 Extra for breaking through obstructions 9 Cutting off tops of concrete piles. 10 Pile tests	details, including size of and reinforcemen (kg/m³) to base, details details, including type, diameter (mm) and (m) of piles details, including material, length (m), diar (mm) and if permanent or temporary, to b stated. details, including type, diameter (mm) and depth (caisson	m3 m2 item nr d depth nr meter e m1 m3 m4 mr nr nr mr m7 m3 m7 m3	£ £ £ £ £ £ £ £ £ £ £ £ £
1.1.2 1.1.2 .1 1.1.2 .2 1.1.2 .3 1.1.2 .4 1.1.2 .5 1.1.2 .6 1.1.2 .7 1.1.2 .8 1.1.2 .9		2 Specialist foundations	2 Isolated pad foundations 3 Extra for disposal of contaminated excavated material 1 Pilling mats/platforms 2 Pilling plant: details 3 Moving pilling rig to pile position. 4 Piles 5 Extra for pile casings or linings 6 Caissons 7 Disposal of excavated material arising from pilling. 8 Extra for breaking through obstructions 9 Cutting off tops of concrete piles.	details, including size of and reinforcemen (kg/m³) to base, details details details, including type, diameter (mm) and (m) of piles details, including material, length (m), diar (mm) and if permanent or temporary, to b stated. details, including type, diameter (mm) and depth (caisson	m3 m2 item nr d depth nr meter e m1 m3 m4 mr nr nr mr m7 m3 m7 m3	£ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £
1.1.2 1.1.2 .1 1.1.2 .2 1.1.2 .3 1.1.2 .4 1.1.2 .5 1.1.2 .6 1.1.2 .7 1.1.2 .8 1.1.2 .9 1.1.2 .10 1.1.2 .11		2 Specialist foundations	2 Isolated pad foundations 3 Extra for disposal of contaminated excavated material 1 Piling mats/platforms 2 Piling plant: details 3 Moving piling rig to pile position. 4 Piles 5 Extra for pile casings or linings 6 Caissons 7 Disposal of excavated material arising from piling. 8 Extra for breaking through obstructions 9 Cutting off tops of concrete piles. 10 Pile tests 11 Vibro-compacted columns	details, including size of and reinforcemen (kg/m³) to base, details details details, including type, diameter (mm) and (m) of piles details, including material, length (m), diar (mm) and if permanent or temporary, to b stated. details, including type, diameter (mm) and depth (caisson	m2 item nr id depth nr nr m3 m2 item nr nr nr m4 m6 m7 m7 m7 m7 m7 m7 m7 m7 m7	£ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £
1.1.2 1.1.2.1 1.1.2.2 1.1.2.3 1.1.2.4 1.1.2.5 1.1.2.6 1.1.2.7		2 Specialist foundations	2 Isolated pad foundations 3 Extra for disposal of contaminated excavated material 1 Piling mats/platforms 2 Piling plant: details 3 Moving piling rig to pile position. 4 Piles 5 Extra for pile casings or linings 6 Caissons 7 Disposal of excavated material arising from piling. 8 Extra for breaking through obstructions 9 Cutting off tops of concrete piles. 10 Pile tests	details, including size of and reinforcemen (kg/m³) to base, details details details, including type, diameter (mm) and (m) of piles details, including material, length (m), diar (mm) and if permanent or temporary, to b stated. details, including type, diameter (mm) and depth (caisson	m2 item nr didepth nr meter e nr m3 m6 nr nr nr meter nr of nr m7	£ £ £ £ £ £ £ £ £ £ £ £ £
1.1.2 1.1.2.1 1.1.2.2 1.1.2.3 1.1.2.4 1.1.2.5 1.1.2.6 1.1.2.7 1.1.2.7 1.1.2.8 1.1.2.9 1.1.2.10		2 Specialist foundations	2 Isolated pad foundations 3 Extra for disposal of contaminated excavated material 1 Piling mats/platforms 2 Piling plant: details 3 Moving piling rig to pile position. 4 Piles 5 Extra for pile casings or linings 6 Caissons 7 Disposal of excavated material arising from piling. 8 Extra for breaking through obstructions 9 Cutting off tops of concrete piles. 10 Pile tests 11 Vibro-compacted columns	details, including size of and reinforcemen (kg/m³) to base, details details, including type, diameter (mm) and (m) of piles details, including material, length (m), diar (mm) and if permanent or temporary, to b stated. details, including type, diameter (mm) and depth (caisson	m2 item m7 item m8 m9 item mr d depth mr meter e mn) of m3 mr/m3 mr m of mr mr mr of mr	£ £ £ £ £ £ £ £ £ £ £ £ £
1.1.2 1.1.2 .1 1.1.2 .2 1.1.2 .3 1.1.2 .4 1.1.2 .5 1.1.2 .6 1.1.2 .7 1.1.2 .8 1.1.2 .9 1.1.2 .10 1.1.2 .11		2 Specialist foundations	2 Isolated pad foundations 3 Extra for disposal of contaminated excavated material 1 Piling mats/platforms 2 Piling plant: details 3 Moving piling rig to pile position. 4 Piles 5 Extra for pile casings or linings 6 Caissons 7 Disposal of excavated material arising from piling. 8 Extra for breaking through obstructions 9 Cutting off tops of concrete piles. 10 Pile tests 11 Vibro-compacted columns	details, including size of and reinforcemen (kg/m³) to base, details details details, including type, diameter (mm) and (m) of piles details, including material, length (m), diar (mm) and if permanent or temporary, to b stated. details, including type, diameter (mm) and depth (caisson) . details, including size (mm) and length (m) column details, including size of and reinforcement rate (k to pile cap details, including size of and reinforcemen	m2 item m7 item m8 m9 item mr d depth mr meter e mn) of m3 mr/m3 mr m of mr mr mr of mr	£ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £ £
1.1.2 1.1.2.1 1.1.2.2 1.1.2.3 1.1.2.4 1.1.2.5 1.1.2.6 1.1.2.7 1.1.2.8 1.1.2.9 1.1.2.10 1.1.2.11		2 Specialist foundations	2 Isolated pad foundations 3 Extra for disposal of contaminated excavated material 1 Piling mats/platforms 2 Piling plant: details 3 Moving piling rig to pile position. 4 Piles 5 Extra for pile casings or linings 6 Caissons 7 Disposal of excavated material arising from piling. 8 Extra for breaking through obstructions 9 Cutting off tops of concrete piles. 10 Pile tests 11 Vibro-compacted columns 12 Pile caps	details, including size of and reinforcemen (kg/m³) to base, details details, including type, diameter (mm) and (m) of piles details, including material, length (m), diar (mm) and if permanent or temporary, to b stated. details, including type, diameter (mm) and depth (caisson	m2 item m7 item m8 m9 item mr d depth mr meter e mn) of m3 mr/m3 mr m of mr mr mr of mr	£ £ £ £ £ £ £ £ £ £ £ £ £
1.1.2 1.1.2.1 1.1.2.2 1.1.2.3 1.1.2.4 1.1.2.5 1.1.2.6 1.1.2.7 1.1.2.8 1.1.2.9 1.1.2.10 1.1.2.11 1.1.2.12		2 Specialist foundations	2 Isolated pad foundations 3 Extra for disposal of contaminated excavated material 1 Piling mats/platforms 2 Piling plant: details 3 Moving piling rig to pile position. 4 Piles 5 Extra for pile casings or linings 6 Caissons 7 Disposal of excavated material arising from piling. 8 Extra for breaking through obstructions 9 Cutting off tops of concrete piles. 10 Pile tests 11 Vibro-compacted columns	details, including size of and reinforcemen (kg/m³) to base, details details details, including type, diameter (mm) and (m) of piles details, including material, length (m), diar (mm) and if permanent or temporary, to b stated. details, including type, diameter (mm) and depth (caisson) . details, including size (mm) and length (m) column details, including size of and reinforcement rate (k to pile cap details, including size of and reinforcemen	m2 item nr d depth nr m3 m2 item nr nr d m9 m4 m6 m7 m8 m7 m9 m7 m7 m7 m m m of nr mr mr mr mr mr mr mr mr mr	£ £ £ £ £ £ £ £ £ £ £ £ £
1.1.2 1.1.2 .1 1.1.2 .2 1.1.2 .3 1.1.2 .4 1.1.2 .5 1.1.2 .6 1.1.2 .7 1.1.2 .8 1.1.2 .9 1.1.2 .10 1.1.2 .12 1.1.2 .13		2 Specialist foundations	2 Isolated pad foundations 3 Extra for disposal of contaminated excavated material 1 Piling mats/platforms 2 Piling plant: details 3 Moving piling rig to pile position. 4 Piles 5 Extra for pile casings or linings 6 Caissons 7 Disposal of excavated material arising from piling. 8 Extra for breaking through obstructions 9 Cutting off tops of concrete piles. 10 Pile tests 11 Vibro-compacted columns 12 Pile caps	details, including size of and reinforcemen (kg/m³) to base, details details details, including type, diameter (mm) and (m) of piles details, including material, length (m), diar (mm) and if permanent or temporary, to b stated. details, including type, diameter (mm) and depth (caisson	m3 m2 item nr d depth nr meter e nr m3 m3 m7 m3 mr m7	£ £ £ £ £ £ £ £ £ £ £ £ £
1.1.2 1.1.2.1 1.1.2.2 1.1.2.3 1.1.2.4 1.1.2.5 1.1.2.6 1.1.2.7 1.1.2.8 1.1.2.9 1.1.2.10 1.1.2.11 1.1.2.12		2 Specialist foundations	2 Isolated pad foundations 3 Extra for disposal of contaminated excavated material 1. Pilling mats/platforms 2 Pilling plant: details 3 Moving pilling rig to pile position. 4 Piles 5 Extra for pile casings or linings 6 Caissons 7 Disposal of excavated material arising from pilling. 8 Extra for breaking through obstructions 9 Cutting off tops of concrete piles. 10 Pile tests 1.1 Vibro-compacted columns 12 Pile caps 13 Ground beams 14 Underpinning	details, including size of and reinforcemen (kg/m³) to base, details details, including type, diameter (mm) and (m) of piles details, including material, length (m), diar (mm) and if permanent or temporary, to b stated. details, including type, diameter (mm) and depth (caisson) . details, including size (mm) and length (m) column details, including size of and reinforcement rate (k to pile cap details, including size of and reinforcemen (kg/m³) to ground beam Reinforcement rate (kg/m³ or kg/m² as appropriate) for column and to be the column of the column of the cap details, including size of and reinforcemen (kg/m³) to ground beam	m3 m2 item nr d depth nr meter e nr m3 m3 m7 m3 mr m7	
1.1.2 1.1.2.1 1.1.2.2 1.1.2.3 1.1.2.4 1.1.2.5 1.1.2.6 1.1.2.7 1.1.2.8 1.1.2.9 1.1.2.10 1.1.2.11 1.1.2.12		2 Specialist foundations 2 Specialist foundations 3 Lowest floor construction	2 Isolated pad foundations 3 Extra for disposal of contaminated excavated material 1. Pilling mats/platforms 2 Pilling plant: details 3 Moving pilling rig to pile position. 4 Piles 5 Extra for pile casings or linings 6 Caissons 7 Disposal of excavated material arising from pilling. 8 Extra for breaking through obstructions 9 Cutting off tops of concrete piles. 10 Pile tests 1.1 Vibro-compacted columns 12 Pile caps 13 Ground beams 14 Underpinning	details, including size of and reinforcemen (kg/m³) to base, details details details, including type, diameter (mm) and (m) of piles details, including material, length (m), diar (mm) and if permanent or temporary, to b stated. details, including type, diameter (mm) and depth (caisson	m3 m2 item nr d depth nr meter e nr m3 m3 m7 m3 mr m7	
1.1.2 1.1.2.1 1.1.2.2 1.1.2.3 1.1.2.4 1.1.2.5 1.1.2.6 1.1.2.7 1.1.2.8 1.1.2.9 1.1.2.10 1.1.2.11 1.1.2.12 1.1.3.13		2 Specialist foundations 2 Specialist foundations 3 Lowest floor construction	2 Isolated pad foundations 3 Extra for disposal of contaminated excavated material 1 Piling mats/platforms 2 Piling plant: details 3 Moving piling rig to pile position. 4 Piles 5 Extra for pile casings or linings 6 Caissons 7 Disposal of excavated material arising from piling. 8 Extra for breaking through obstructions 9 Cutting off tops of concrete piles. 10 Pile tests 11 Vibro-compacted columns 12 Pile caps 13 Ground beams 14 Underpinning 1 Lowest floor construction 2 Extra over lowest floor construction for forming ramps and the like	details, including size of and reinforcemen (kg/m³) to base, details details, including type, diameter (mm) and (m) of piles details, including material, length (m), diar (mm) and if permanent or temporary, to be stated. details, including type, diameter (mm) and depth (caisson) - details, including size (mm) and length (m) column details, including size of and reinforcement rate (kto pile cap details, including size of and reinforcemen (kg/m³) to ground beam Reinforcement rate (kg/m³ or kg/m² as appropriate) for coslabs and beds	m2 item m3 m2 item nr d depth nr d depth nr meter e nr m of nr m of nr m of nr m of nr m m of nr m m of nr m m m m m m m m m m m m m m m m m m	
1.1.2 1.1.2.1 1.1.2.2 1.1.2.3 1.1.2.4 1.1.2.5 1.1.2.6 1.1.2.7 1.1.2.8 1.1.2.9 1.1.2.10 1.1.2.11 1.1.2.12 1.1.2.13		2 Specialist foundations 3 Lowest floor construction	2 Isolated pad foundations 3 Extra for disposal of contaminated excavated material 1 Piling mats/platforms 2 Piling plant: details 3 Moving piling rig to pile position. 4 Piles 5 Extra for pile casings or linings 6 Caissons 7 Disposal of excavated material arising from piling. 8 Extra for breaking through obstructions 9 Cutting off tops of concrete piles. 10 Pile tests 11 Vibro-compacted columns 12 Pile caps 13 Ground beams 14 Underpinning 1 Lowest floor construction 2 Extra over lowest floor construction for	details, including size of and reinforcemen (kg/m³) to base, details details, including type, diameter (mm) and (m) of piles details, including material, length (m), diar (mm) and if permanent or temporary, to b stated. details, including type, diameter (mm) and depth (caisson) . details, including size (mm) and length (m) column details, including size of and reinforcement rate (k to pile cap details, including size of and reinforcemen (kg/m³) to ground beam Reinforcement rate (kg/m³ or kg/m² as appropriate) for column and to be the column of the column of the cap details, including size of and reinforcemen (kg/m³) to ground beam	m2 item m3 m2 item nr d depth nr d depth nr meter e nr m of nr m of nr m of nr m of nr m m of nr m m of nr m m m m m m m m m m m m m m m m m m	

1.1.3 .4			4 Extra over lowest floor construction for forming swimming pool tanks and the like	details, including the size		nr		£ -
1.1.3 .5			5 Retaining walls at changes in level	details,		m		£ -
				including thickness (mm),				
				height (m) and reinforcement rate (kg/m³)				
1.1.3 .6			6 Designed joints	details, including height (mm)		m		£ -
1.1.3 .7			7 Drainage below ground	details, including		m		£ -
				average depth of trench				
				(m), type and nominal				
				size of pipe (mm), and materials for beds and				
				haunchings/surrounds				
1.1.3 .8			8 Gullies, floor outlets and the like			nr		£ -
1.1.3 .9			9 Internal manholes, catch-pits, petrol			nr		£ -
			interceptors or the like					
1.1.3 .10			10 Testing of drainage installations			%		£ -
1.1.3 .11			11 Commissioning of drainage installations			%		£ -
1.1.4	4.8	asement excavation						
1.1.4 .1			1 Basement excavation	details, including average depth of excavation		m3		£ -
1.1.4 .2			2 Disposal of excavated material			m3		£ -
1.1.4 .3			3 Extra for disposal of contaminated excavated			m3		£ -
			material					
1.1.4 .4			4 Earthwork support			m2		£ -
1.1.4 .5			5 Additional excavation			m2		£ -
1.1.5	5 B	asement retaining walls						
1.1.5 .1			1 Basement retaining wall	Reinforcement		m2		£ -
				rate (kg/m³) and formwork finish for in-situ				
				concrete walls				
1.1.5 .2			Embedded basement retaining walls					
1.1.5 .2			2 Piling mats/platforms	details, including thickness of mat/platform (mm)		m2		£ -
L								
1.1.5 .3			3 Piling plant			item		£ -
1.1.5 .4			4 Moving piling rig to pile position			nr		£ -
1.1.5 .5			5 Guide walls			m		£ -
1.1.5 .6			6 Piles	details, including		nr		£ -
				type, diameter (mm),				
				total length (m), exposed				
				length (m) and embedded length (m) of piles				
				3 () · · · · · · · · · · · · · · · · · ·				
1.1.5 .7			7 Contiguous bored pile walls	details, including		m		£ -
				type, diameter (mm),				
				total length (m), exposed				
				length (m) and embedded length (m) of piles				
				3 () · · · · · · · · · · · · · · · · · ·				
1.1.5 .8			8 Disposal of excavated material arising from			m3		£ -
			piling					
1.1.5 .9			9 Cutting off tops of concrete piles.			nr/m		£ -
1.1.5 .10			10 Steel sheet piling	details, including total area (m²) and total driven		m2		£ -
				area (m²)				
1.1.5 .11			11 Cutting off surplus lengths steel sheet piling			nr		f -
								_
1.1.5 .12			12 Pile tests			item		f -
1.1.5 .13			13 Diaphragm walls	details, including depth of		m2		f -
1.1.5 .15			15 Stapinagin wans	excavation, thickness		2		-
				(mm) of wall reinforcement rate (kg/m³)				
1.1.5 .14			14 Ground anchors	details, including type		nr		£ -
1.1.5 .15			15 Trimming and cleaning faces of piled and			m2		£ -
1.1.5.15			diaphragm walls					-
1.1.5 .16			16Temporary works			item		f -
1.1.5 .17			17 Removal of temporary works			item		£ -
2.2.5 .17			works					
1.1.5 .18			18 Capping beams	details, including beam		m2		f -
1.1.5 .19			19 Basement retaining wall components	Reinforcement		m2		£ -
1.1.0 .13			25 Suscement retaining wan components	rate (kg/m³) and formwork finish for in-situ				
1				concrete walls				
1.1.5 .20			20 Concrete applied by spray or gun	details, including thickness (mm)		m2		f -
2	2 SUPERSTRUCTURE 2 SUPERSTRUCTURE		20 consists applied by spray of guil	Gross Internal Floor Area	0			f -
2.1	2.1 Frame			Gross Internal Floor Area	0		£ -	_
2.1.1		teel frames	+	2. 233 Meeting Floor Piece	J		+	_
2.1.1			1 Structural steel frame, including fittings and	 details, including size of column grid (m)		t		f -
2.1.1.1			fixings	actains, including size of column grid (iii)		•		-
2.1.1 .2			2 Fire protection to steel frame			t		f -
2.1.1 .2			3 Factory applied paint systems			t		£ -
2.1.2	200	pace frames/decks	Secony applied paint systems	-		•		-
2.1.2 .1		pace numery decks	1 Space frame/deck,			m2		£ -
۷.1.۷.1			including structural support framework, fittings			1112		
			and fixings					
2.1.2 .2			2 Fire protection to steel frame			m2		£ -
2.1.2.2			3 Factory applied paint systems			m2		
2.1.2 .3		Congrato engings to start forward	5 ractory applied paint systems			IIIZ		£ -
	30	concrete casings to steel frames	1 Column casings	detaile				-
2.1.3 .1			1 Column casings	details,		m		£ -
				including number of				
1				columns (nr), column size and type of formwork				
				finish				

2.1.3 .2			2 Beam casings	details,		m		£ -
				including number of beams (nr), beam size and type of formwork				
				finish				
2.1.4	4 Concrete	e frames						
2.1.4 .1			1 Columns	details,		m		£ -
				including number (nr) of				
				columns, column size (mm), concrete grade,				
				reinforcement rate (kg/m³) and type of formwork				
				finish				
2.1.4 .2			2 Beams	details, including		m		£ -
				number (nr) of beams,				
				beam size (mm), reinforcement rate (kg/m³) and type of formwork				
				finish				
2.1.4 .3			3 Walls	details, including thickness of wall (mm), concrete		m2		£ -
				grade, reinforcement rate (kg/m³) and type of				
				formwork finish				
2.1.4 .4			4 Extra over walls for forming openings in walls	details, including thickness of wall (mm), overall		nr		£ -
			for doors, windows, screens and the like	size of opening (m) and type of formwork finish				
2.1.4 .5			5 Designed joints			m		f -
2.1.5	5 Timber fi	frames	5 Designed Jonies					-
2.1.5 .1			1 Timber frames			m2		£ -
2.1.6	6 Specialis	st frames						
2.1.6 .1	2.2 Harra Flares		1 Specialist frame			m2		£ -
2.2	2.2 Upper Floors 1 Concrete	e floors			0	m2	£ -	£ -
2.2.1 .1	1 Concrete	C 110013	1 Suspended floor slabs	 details, including thickness		m2		£ -
				(mm); concrete strength				-
				(N/mm ²), reinforcement rate (kg/m ³) and type of				
				formwork finish				
2.2.1.2			2 Edge formwork	details of formwork finish		m		£ -
2.2.1 .3 2.2.1 .4			3 Designed joints			m m2		£ -
2.2.1 .4	2 Precast/	composite decking systems	4 Surface treatments			mz		£ -
	211000051	composite deciming systems						
2.2.2 .1			1 Suspended floor slab			m2		£ -
2.2.3	3 Timber fl	floors						
2.2.3 .Ti			Timber floors			m2		£ -
2.2.4	4 Structura	al screeds	1 Structural served	details, including thickness		m2		£ -
2.2.4 .1			1 Structural screed	(mm), reinforcement rate (kg/m³) and surface		1112		± -
				treatments				
2.2.5	5 Balconie:	25						
2.2.5 .1			1 Balconies	details, including floor area (m²) of balcony		nr		£ -
2.2.6	6 Drainage	e to balconies						
2.2.6 .1 2.2.6 .2			1 Rainwater pipes 2 Floor outlets			m nr		£ -
2.3	2.3 Roofs		2 Floor outlets		0	m2		f -
2.3.1	1 Roof stru	ucture						
2.3.1 .1			1 Roof structure – pitched roofs	details,		m2		£ -
				including design loads (kN/m²), spans (m) and				
2212				angle of pitch (°)				
2.3.1 .2			2 Extra over roof structure – pitched roofs for forming dormer			m2		£ -
2.3.1 .3			3 Roof structure – flat roofs	details, including design loads (kN/m²) and spans		m2		£ -
				(m)				
2.3.2	2 Roof cov	verings						
2.3.2 .1			1 Roof coverings, non-structural screeds,			m2		£ -
			thermal insulation, and surface treatments					
2.3.2 .2			2 Extra over roof coverings for coverings to			m2		£ -
2.3.2.2			dormers, including cladding to dormer cheeks.			1112		<u> </u>
			, and generally some sheets.					
2.3.2 .3			3 Eaves, verge treatment to pitched roofs			m		£ -
2.3.2 .4			4 Edge treatment to flat roofs			m		£ -
2.3.2.5			5 Flashings			m		f -
2.3.3 2.3.3 .1	3 Glazed ro	UUIS	1 Glazed roof			m2		£ -
2.3.4	4 Roof dra	ninage						
2.3.4 .1			1 Gutters			m		£ -
2.3.4 .2			2 Rainwater pipes			m		£ -
2.3.5	5 Rooflight	ts, skylights and openings	1 Dooflights sladishts and any item			nr/2		
2.3.5 .1 2.3.6	6 Roof feat	itures	1 Rooflights, skylights and openings			nr/m2		£ -
2.3.6 .1	U Nooi leal		1 Roof features			nr		£ -
2.4	2.4 Stairs and Ramps			 	0	m	 £ -	£ -
2.4.1	1 Stair/ran	mp structures						
2.4.1 .1			1 Stair structures	details, including vertical rise of staircase		nr		£ -
2.4.1 .2	O Chairlean		2 Ramp structures	details, including vertical rise of ramp		nr		£ -
2.4.2 .1	2 Stair/ran	mp finishes	1 Stair finishes	details, including vertical rise of staircase		nr		£ -
2.4.2 .2			2 Ramp finishes	details, including vertical rise of stancase		nr		£ -
2.4.3	3 Stair/ran	mp balustrades and handrails						
2.4.3 .1			1 Wall handrails	details, including vertical rise of staircase or ramp		nr		£ -
1								

2.4.3 .2			2 Combined balustrades and handrails	details, including vertical rise of staircase or ramp		nr		£ -
				,,				_
2.4.4 .1	4 Ladders/cl	hutes/slides	1 Ladders			nr		f -
2.4.4 .2			2 Chutes			nr		£ -
2.4.4 .3			3 Slides			nr		£ -
2.5 2.5.1	2.5 External Walls	valls above ground floor level			0	m2	£ -	£ -
2.5.1	1 External w	raiis above ground noor lever						
2.5.1 .1			1 External walls	Reinforcement		m2		£ -
				rate (kg/m³) and formwork finish for in-situ concrete walls				
2.5.1.2			2 Extra over external	concrete wans		m		£ -
			walls for plinths, cornices, ornamental bands					
2.5.1.3			and the like 3 Extra over external walls for quoins			m		f -
2.5.1 .4			4 Extra over external walls for forming	details, including overall size of opening (mm)		nr		£ -
			openings for windows					
2.5.1 .5			5 Extra over external walls for forming openings for external doors	details, including overall size of opening (mm)		nr		£ -
			wans for forming openings for external doors					
2.5.1 .6			6 Finishes applied to external walls			m2		£ -
2.5.2 2.5.2 .1	2 External w	alls below ground level	1 External walls	Reinforcement rate (kg/m³) and formwork finish		m2		£ -
2.3.2 .1			1 External walls	for in-situ concrete walls		1112		-
2.5.2 .2			2 Extra over external			m2		£ -
			walls for plinths, cornices, ornamental bands and the like					
2.5.2.3			3 Extra over external walls for quoins			m2		£ -
2.5.2 . 4			4 Extra over external walls for forming	details, including overall size of opening (mm)		nr		£ -
2525			openings for windows	descite including				
2.5.2 .5			5 Extra over external walls for forming openings for external doors	details, including overall size of opening		nr		£ -
				(mm)				
2.5.2 .6			6 Finishes to external walls			m2		£ -
2.5.3 2.5.3 .1	3 Solar/rain	screen cladding	1 Vertical solar/rainscreen cladding			m2		£ -
2.5.3 .2			2 Horizontal solar/rainscreen cladding			m		£ -
2.5.4	4 External so	offits						
2.5.4 .1 2.5.4 .2			1 External soffit			m2		£ -
2.5.4 .2			2 Cornices, covings and the like 3 Shadow gaps and the like			m m		£ -
2.5.4 .4			4 Access hatches and the like			nr		£ -
2.5.4 .5			5 Finishes applied to external soffits			m2		£ -
2.5.5		walls, balustrades, ailings and proprietary						
	balconies	mings and proprietary						
2.5.5 .1			1 Walls			m		£ -
2.5.5 .2 2.5.5 .3			Walls forming planters Combined balustrades and handrails			m m		£ -
2.5.5 .4			4 Wall mounted handrails			m		f -
2.5.5 .5			5 Parapet railings:			m		£ -
2.5.5 .6 2.5.5 .7			6 Proprietary bolt-on balconies			nr nr/m		£ -
2.5.5 .8			7 Rainwater pipes 8 Floor outlets			nr		£ -
2.5.6	6 Facade acc	cess/cleaning systems						
2.5.6 .1	2 CMS de la		1 Facade cleaning systems			nr		£ -
2.6 2.6.1	2.6 Windows and External Doors 1 External w	vindows			0	m2	£ -	£ -
2.6.1 .1	1 Exertion		1 Windows	details, including overall size of opening (mm)		m2		£ -
2612			2 Characterists	descile including a could be of				
2.6.1 .2			2 Shop fronts	details, including overall size of opening (mm)		m2		£ -
2.6.1 .3			3 Roller shutters, sliding shutters, grilles and	details, including overall size of opening (mm)		nr		£ -
2.6.2			the like to window openings					
2.6.2 2.6.2 .1	2 External d		1 External doors	details, including type, number of door leaves		nr		£ -
			- 3	(nr), size of each door leaf (mm) and overall size				
				of opening (mm)				
2.6.2 .2			2 Revolving doors	details, including overall size of opening (mm)		nr		£ -
2.6.2 .3			3 Shop front doors	details, including type, number of door leaves		nr		£ -
				(nr), size of each door leaf (mm) and overall size				
2.6.2 .4			4 Roller shutters, sliding shutters and the like	of opening (mm) details, including overall size of opening (mm)		nr		£ -
2.0.2.4			to external door openings	details, iliciduling overall size of opening (fifff)		111		-
2.6.2 .5			5 Garage doors	details, including overall size of opening (mm)		nr		£ -
2626			6 Canonies			nr		£
2.6.2 .6 2.6.2 .7			6 Canopies 7 Grilles	details, including overall size of opening (mm)		nr nr		£ -
				,		<u> </u>		_
2.6.2 .8			8 Architraves			m		£ -
2.7 2.7.1	2.7 Internal Walls and Partitions 1 Walls and	partitions			0	m2	£ -	£ -
2.7.1 .1	1 Walls allu		1 Internal walls	 details, including thickness		m2		£ -
2.7.1 .2			2 Extra over internal walls for forming openings	details, including overall size of opening (mm)		nr		£ -
			in walls for internal doors and the like					
2.7.1 .3			3 Fixed partitions	details, including thickness		m2		£ -
				- · -				

2.7.1 .4		4 Extra over fixed partitions for forming	details, including overall size of opening (mm		nr			£
2.7.1.4		openings in partitions for internal doors and	details, including overall size of opening (film)		'"		ļ	-
		the like						
2.7.2	2 Balustrades and handrails							
2.7.2 .1 2.7.2 .2		1 Combined balustrades and handrails 2 Wall mounted handrails			m m			£ -
2.7.3	3 Moveable room dividers	2 Wall Hourited Haridians			- "			
2.7.3 .1		1 Moveable room dividers and partitions			m2			£ -
2.7.4	4 Cubicles						'	
2.7.4 .1	2.8 Internal Doors	1 Cubicles			nr 0 m	£	-	£ -
2.8.1	1 Internal doors				0 111			
2.8.1 .1		1 Internal doors	details, including type, number of door leaves		nr			£ -
			(nr), size of each door leaf (mm), and overall	ze				
2.8.1 .2		2 Fire resisting doors	of opening (mm) details, including type, number of door leaves		nr			f -
2.0.1 .2		2 Fire resisting doors	(nr), fire rating (hours), size of each door leaf		'"			-
			(mm), and overall size of opening (mm)					
2.8.1 .3		3 Door sets	details, including type, number of door leaves		nr			£ -
			(nr), size of each door leaf (mm), and overall soft opening (mm)	26				
2.8.1 .4		4 Composite door and sidelights/over panel	details, including type, number of door leaves		nr			£ -
		units	(nr), size of each door leaf (mm), and overall s					
			of opening (mm)					
2.8.1 .5		5 Roller shutters, sliding shutters, grilles and the like	details, including overall size of opening (mm)		nr			£ -
2.8.1 .6		6 Architraves			<u> </u>			£ -
3 3	B INTERNAL FINISHES 3 INTERNAL FINISHES		Gross Internal Floor Area		0 m2			£ -
3.1	3.1 Wall Finishes				0 m2	£	-	£ -
3.1.1 3.1.1 .1	1 Finishes to walls	1 Finishes to walls and columns			m2			f -
3.1.1 .1		2 Picture rails, dado rails and the like			m2			£ -
3.1.1 .3		3 Proprietary impact and			nr/m			£ -
		bumper guards, protection strips, corner						
2.2	22 Flan Figitha	protectors and the like			02			f -
3.2 3.2.1	3.2 Floor Finishes 1 Finishes to floors				0 m2	£	-	£ -
3.2.1 .1	1 mines to hoos	1 Finishes to floors			m2			£ -
3.2.1.2		2 Specialist flooring systems			m2			£ -
3.2.1 .3		3 Skirtings and the like			m			£ -
3.2.1 .4 3.2.1 .5		4 Mat wells and mats			nr m2			f -
3.2.1.3		5 Finishes to swimming pool tanks, including tank linings			IIIZ			-
3.2.1.6		6 Line markings			m			£ -
3.2.1.7		7 Numeral and symbols			nr			£ -
3.2.2	2 Raised access floors							
3.2.2.1 3.2.2.2		1 Raised access floor systems 2 Skirtings and the like			m2 m2			£ -
3.3	3.3 Ceiling Finishes	2 Skillings and the like			0 m2	£	-	£ -
3.3.1	1 Finishes to ceilings							
3.3.1.1		1 Finishes to ceilings			m2			<u>f</u> -
3.3.1 .2 3.3.2	2 False ceilings	2 Cornices, covings and the like			m			£ -
3.3.2 .1	2 rose centre	1 False ceilings			m2			£ -
3.3.2 .2		2 Cornices, covings and the like			m			£ -
3.3.2 .3		3 Access hatches and the like			nr			£ -
3.3.3 3.3.3.1	3 Demountable suspended ceilin	1 Demountable suspended ceilings			m2			f -
3.3.3.2		2 Shadow gaps and the like			m			£ -
3.3.3 .3		3 Access hatches and the like			nr			£ -
	FITTINGS AND FURNISHINGS 4 FITTINGS AND FURNISHINGS		Gross Internal Floor Area		0 m2			£ -
4.1 4.1.1	4.1 General fittings, furnishings and equipment 1 General fittings, furnishings and	d			0 m2	<u>f</u>	-	E -
	equipment	<u> </u>					ļ	
4.1.1 .1		1 Fittings			nr			£ -
4.1.1.2		2 Furnishings			nr			£ -
4.1.1.3	2 Domostic little Etain	3 Equipment			nr			£ -
4.1.2	2 Domestic kitchen fittings and equipment						ļ	
4.1.2 .1	сущрист	1 Kitchen units			nr			£ -
4.1.2 .2		2 Kitchen appliances			nr			£ -
4.1.2 .3		3 Waste bins, towel rails, storage racks and			nr			£ -
4.1.3	3 Signs/notices	other accessories		+	+			
4.1.3 .1	o digray notices	1 Component			nr			£ -
4.1.4	4 Works of art							
4.1.4 .1		1 Objects d'art and other ornamental features			nr			£ -
4.1.4 .2		2 Decorative features and panels			nr			f -
4.1.4 .2	5 Equipment	2 Decorative features and panels			nr			
4.1.5 .1	5 Equipment	1 Equipment			nr			£ -
4.1.5 .2		2 Removable ladders and the like			nr			£ -
4.2	4.2 Special fittings, furnishings and equipment				0 m2	£	-	£ -
4.2.1	1 Special purpose fittings, furnis	nings					ļ	
4.2.1 .1	and equipment	1 Fittings, furnishings and equipment			nr			£ -
4.3	4.3 Internal planting	3 ,			0 m2	£	-	£ -
4.3.1	1 Internal planting							

4.3.1.1			1 Plant and shrub beds			m2		£ -
4.3.1 .2 4.4	4.4: Bird and vermin control		2 Trees		0	nr m2	£ -	£ -
4.4.1	4.4. Bird and verifin control	1 Bird and vermin control			U	IIIZ		
4.4.1 .1		1 bita and vernini control	1 Wires, nets, traps and the like			nr		£ -
4.4.1.2			2 Electronic and sonic system			nr		£ -
4.4.1 .3			3 Bird repellent coatings			m2		£ -
5	5 M&E INSTALLATION 5 M&E INSTALLATION			Gross Internal Floor Area	0	=	C	£ -
5.1 5.1.1	5.1 Sanitary installations	1 Sanitary appliances			0	nr	£ -	± -
5.1.1 .1		1 Sanitary appliances	1 Sanitary appliance			nr		£ -
5.1.2		2 Pods	7					
5.1.2 .1			1 Bathroom pods			nr		£ -
5.1.2 .2			2 Toilet pods			nr		£ -
5.1.2 .3 5.1.3		3 Sanitary fittings	3 Shower room pods			nr		£ -
5.1.3 .1		3 Sanitary nittings	1 Fittings			nr		f -
5.2	5.2 Services equipment		111111111111111111111111111111111111111		0		£ -	£ -
5.2.1		1 Services equipment						
5.2.1 .1			1 Services equipment			nr		£ -
5.3	5.3 Disposal installations	4.5. I decise when			0	nr	£ -	£ -
5.3.1 5.3.1 .1		1 Foul drainage above	1 Drainage to sanitary appliance			nr		£ -
5.3.1.2			2 Drainage to sanitary appliance			nr		£ -
5.3.2		2 Laboratory and industrial liquid waste						
		drainage						
5.3.2.1		2 Defending	1 Drainage to appliance or equipment:			nr		£ -
5.3.3 5.3.3 .1		3 Refuse disposal	1 Refuse disposal installation			nr.		f
5.3.3.1	5.4 Water installations		1 Refuse disposal installation		0	nr nr	£ -	f -
5.4.1	5.4 Water installations	1 Mains water supply			0			
5.4.1 .1			1 Mains water supply	details, including the number of draw-off points		nr/m2		£ -
				(nr),				
5.4.2		2 Cold water distribution						
5.4.2 .1			1 Cold water distribution	details, including the number of draw-off points		nr/m2		£ -
5.4.3		3 Hot water distribution		(nr)				
5.4.3 .1		3 Hot water distribution	1 Hot water distribution	details, including the number of draw-off points		nr/m2		f -
55.1			The water distribution	(nr)		,		-
5.4.4		4 Local hot water distribution						
5.4.4 .1			1 Water heaters			nr		£ -
5.4.5		5 Steam and condensate distribution						
F 4 F 1			1 Channel and an advanta distribution	details including according of deep off a sinte (an)		/2		£ -
5.4.5 .1			1 Steam and condensate distribution	details, including number of draw-off points (nr)		nr/m2		± -
5.5	5.5 Heat source				0	m2	£ -	£ -
5.5.1		1 Heat source						
5.5.1.1			1 Heat source (nr)	details, including output of heat source (kW)		nr		£ -
5.6	5.6 Space heating and air conditioning				0	m2	£ -	£ -
5.6.1 5.6.1 .1		1 Central heating	1 Central heating systems			m2		£ -
5.6.2		2 Local heating	1 Central heating systems			IIIZ		
5.6.2 .1			1 Heaters			nr		£ -
5.6.3		3 Central cooling						
5.6.3 .1			1 Central cooling systems			m2		£ -
5.6.4		4 Local cooling	1 Castina vaita					
5.6.4 .1 5.6.5		5 Central heating and cooling	1 Cooling units			nr		£ -
5.6.5 .1		o central reacting and cooming	1 Combined central heating and cooling			m2		£ -
<u></u>			systems					
5.6.6		6 Local heating and cooling						
5.6.6 .1		7 Control sin so division	1 Local heating and cooling units			nr		£ -
5.6.7 5.6.7 .1		7 Central air conditioning	1 Central air conditioning system			m2		f -
5.6.8		8 Local air conditioning	2 Sential all conditioning system			1112		-
5.6.8 .1			1 Self-contained air conditioning units			nr		£ -
5.6.8.2			2 Other local air conditioning systems			nr		£ -
5.7	5.7 Ventilation				0	m2	£ -	£ -
5.7.1		1 Central ventilation	1 Central ventilation systems			m2		f
5.7.1 .1 5.7.2		2 Local and special ventilation	1 Central ventilation systems			m2		£ -
5.7.2 .1		= == and special vertiliation	1 Toilet/bathroom ventilation units			nr		£ -
5.7.2.2			2 Kitchen ventilation units			nr		£ -
5.7.2 .3			3 Safety cabinet and fume cupboard extracts			nr		£ -
F 7 2 :			A Firms autorate					
5.7.2 .4 5.7.2 .5			4 Fume extracts 5 Dust collection units			nr nr		£ -
5.7.2.5			6 Anaesthetic gas extracts			nr		£ -
5.7.2 .7			7 Cyclone systems			nr		£ -
5.7.2 .8			8 Unit extract fans			nr		£ -
5.7.2 .9			9 Rotating ventilators			nr		£ -
5.7.2 .10			10 Roof mounted ventilation units			nr		£ -
5.7.2 .11 5.7.2 .12			11 Car parking ventilation			nr nr		£ -
3.7.2.12			12 Other local and special ventilation systems			"		£ -
5.7.3		3 Smoke extract/control						
5.7.3 .1		,	1 Smoke extract/control systems			m2		£ -
5.8	5.8 Electrical installations				0	m2	£ -	£ -

F 0 1	4 Floration and sub-suring		T					
5.8.1	1 Electrical mains and sub-mains distribution							
5.8.1 .1		1 Electrical mains and sub-mains distribution			m2			£ -
	2.00							
5.8.2 5.8.2 .1	2 Power installations	1 Power installation			m2			£ -
5.8.3	3 Lighting installations							_
5.8.3 .1		1 Lighting installation			m2			£ -
5.8.4 5.8.4 .1	4 Specialist lighting installations	1 Specialist lighting installation			nr/m2			f -
5.8.5	5 Local electricity generation systems	2 Specialise lighting installation			,			
								-
5.8.5 .1	6 Transformation devices	1 Electricity generation systems			nr			£ -
5.8.6 .1		1 Wind turbines			nr			£ -
5.8.6 .2		2 Photovoltaic devices	details, including surface area of units (m²) and		nr			£ -
5.8.6.3		3 Other transformation devices	output (kW) details, including output (kW)		nr			f -
5.8.7	7 Earthing and bonding systems	3 Other transformation devices	details, including output (kwv)		- 111			
5.8.7 .1		1 Earthing and bonding systems			m2			£ -
5.9 5.9.1	5.9 Fuel installations 1 Gas distribution			0	m2		-	£ -
5.9.1 .1		1 Gas mains and sub-mains distribution			m2			£ -
5.9.2	2 Fuel storage and piped distribution							
5024	systems	45 .1						
5.9.2 .1 5.9.2 .2		1 Fuel storage 2 Piped distribution systems			nr m2			£ -
5.1	5.10 Lift and conveyor installations			0		1	-	£ -
5.1.1	1 Lifts	1 Descender lifts	dotaile including constitution of the constitution					
5.1.1 .1		1 Passenger lifts	details, including capacity (i.e. number of persons), speed (in m/sec), number of doors (nr),		nr			£ -
			door heights and number of levels serviced (nr)					
5.1.1 .2		2 Wall climbing lifts	details, including capacity (in kg), number of		nr			£ -
			persons), speed (in m/sec) and number of levels serviced (nr)					
5.1.1 .3		3 Goods lifts	details, including capacity (in kg), number of		nr			£ -
			doors, door heights and number of levels serviced					
5.1.2	2 Enclosed hoists		(nr)					
5.1.2 .1		1 Enclosed hoists	details, including capacity (in kg) and number of		nr			£ -
			levels (nr) serviced					
5.1.3 5.1.3 .1	3 Escalators	1 Escalators	details, including, number of flights served (nr),		nr			f -
5.1.5 .1		1 Escalators	angle of rise (in degrees), rise (m) and step width		'''			,
			(mm)					
5.1.4	4 Moving pavements	1 Maying payaments	details, including, length (m) and width (mm)		nr nr			£ -
5.1.4 .1		1 Moving pavements	details, including, length (m) and width (mm)		nr			-
5.1.5	5 Powered stairlifts							
5.1.5 .1		1 Powered stairlifts			nr			£ -
5.1.6 5.1.6 .1	6 Conveyors	1 People conveyors	details, including, length (m) and width (mm)		nr			£ -
5.1.6 .2		2 Goods conveyors	details, including, length (m) and width (mm)		nr			£ -
5.1.7	7 Dock levellers and scissor lifts							
5.1.7 .1		1 Dock levellers and scissor lifts	details, including total rise (m)		nr			£ -
5.1.8	8 Cranes and unenclosed hoists							
5.1.8 .1		1 Cranes	details including design load (kN) and total rise (m)		nr			£ -
5.1.8.2		2 Travelling cranes	details, including design load (kN)		nr			£ -
5.1.8.3		3 Unenclosed hoists	details, including total rise (m)		nr			£ -
5.1.9	9 Car lifts, car stacking systems, turntables and the like							1 I
5.1.9 .1		1 Car lifts	 details, including number of floors served (nr)		nr			£ -
5.1.9 .2		2 Car stacking systems	details, including capacity (i.e. number of cars – nr)		nr			£ -
5.1.9 .3		3 Vehicle turntables	,		nr			£ -
5.1.10	10 Document handling systems							
5.1.10.1		1 Document handling/ delivery systems 2 Warehouse picking systems			nr nr			£ -
5.1.10.2		3 Other systems			nr nr			£ -
5.1.11	11 Other lift and conveyor installations							
5.1.11.1		1 Other lift and conveyer installations			nr			£ -
5.1.11.1	5.11 Fire and lightning protection	1 Other lift and conveyor installations		0		1	-	£ -
5.1.1	1 Fire fighting systems							
5.1.1 .1 5.1.1 .2		1 Sprinklers 2 Deluge systems	details of each type of system details of each type of system		m2 m2			£ -
5.1.1.2		3 Gas fire fighting systems	details of each type of system details of each type of system		m2 m2			£ -
5.1.1 .4		4 Foam fire fighting systems	details of each type of system		m2			£ -
5.1.1.5		5 Fire hose reels	details of each type of system		nr			£ -
5.1.1 .6 5.1.1 .7		6 Dry risers 7 Wet risers			nr nr			£ -
5.1.1 .8		8 Other fire fighting systems	details of each type of system		nr/m2			£ -
5.1.2	2 Lightning protection	4 Linksing and the Control of the Co	details of analytima of a state					
5.1.2 .1		1 Lightning protection installations (m ²)	details of each type of system		m2			£ -

5.1 5.1.1	5.12 Communication, security and control systems	1 Communication systems			0 m2	f - f
5.1.1 .1		1 Communication systems	1 Telecommunication systems	details of each type of system	m2	£
5.1.1.2			2 Data transmission systems	details of each type of system	m2	£
5.1.1.3			3 Paging and emergency call systems	details of each type of system	m2	£
5.1.1 .4			4 Public address and conference audio systems	details of each type of system	m2	£
5.1.1 .5 5.1.1 .6			5 Radio systems 6 Projection systems	details of each type of system details of each type of system	m2 nr	£ £
5.1.1.7			7 Fire detection and alarm systems	details of each type of system details of each type of system	m2	£
5.1.1.8			8 Liquid detection systems	details of each type of system	m2	£
5.1.1.9			9 Burglar and security alarms	details of each type of system	m2	£
5.1.1 .10			10 Clocks, card clocks, flexitime installations	details of each type of system	nr	£
			112			
5.1.1 .11 5.1.1 .12			11 Door entry, systems 12 Radio(s)	details of each type of system details of each type of system	m2 m2	£ £
5.1.1 .12			13 Television systems	details of each type of system details of each type of system	nr	£
5.1.1 .14			14 TV monitors	details of each type of system	nr	£
5.1.1 .15			15 Pneumatic or mechanical message systems	details of each type of system	m2	£
5.1.1 .16			16 Other communication systems	details of each type of system	nr/m2	£
5.1.2 5.1.2 .1		2 Security systems	1 Surveillance equipment	details of each type of system	nr/m2	£
5.1.2.1			2 Security detection equipment	details of each type of system details of each type of system	nr/m2	£
5.1.2 .3			3 Security alarm equipment	details of each type of system	nr/m2	£
5.1.2 .4			4 Access control systems	details of each type of system	nr/m2	£
5.1.2 .5			5 Burglar and security alarms	details of each type of system	nr/m2	£
5.1.2 .6			6 Door entry systems	details of each type of system	nr	£
5.1.2 .7 5.1.2 .8			7 Security lights and lighting systems) 8 Other security systems	details of each type of system details of each type of system	nr/m2 nr/m2	£
5.1.2.8		3 Central control/building managemen		uetalis oi eacii type oi system	111/1112	Ĺ
5.1.5		systems				
5.1.3 .1			1 Central control/building management	details of each type of system	m2	£
			systems			
5.1	5.13 Specialist installations				0 m2	f - f
5.1.1		1 Specialist piped supply systems	1 Madical and laboratory and construction	datalle of cook time of contact	22/22	£
5.1.1 .1			1 Medical and laboratory gas supply systems	details of each type of system	nr/m2	Ė
5.1.1.2			2 Centralised vacuum cleaning systems	details of each type of system	nr/m2	£
5.1.1.3			3 Treated water systems	details of each type of system	nr/m2	£
5.1.1 .4			4 Swimming pool water treatment systems	details of each type of system	nr/m2	£
5.1.1.5			5 Compressed air systems	details of each type of system	nr/m2	£
5.1.1 .6 5.1.1 .7			6 Vacuum systems 7 Other specialist piped supply systems	details of each type of system details of each type of system	nr/m2 nr/m2	f f
5.1.2		2 Radio and television studios	7 Other specialist piped supply systems	details of each type of system	111/1112	E
5.1.2 .1		2 Hadio and television stadios	1 Radio and television studios		nr	£
5.1.3		3 Specialist refrigeration systems				
5.1.3 .1			1 Cold rooms	details of each type of system	nr/m2	£
5.1.3 .2			2 Ice pads		nr/m2	£
5.1.3 .3		ANGLES	3 Other specialist refrigeration systems	details of each type of system	nr/m2	£
5.1.4 5.1.4 .1		4 Water features	1 Water feature		nr	f
5.1.5		5 Other specialist installations	1 Water reature			1
5.1.5 .1			1 Other specialist installations	details of each type of system	nr/m2	£
5.1	5.14 Builders' work in connection with services		·		0 m2	f - f
5.1.1		1 General builder's work				
5.1.1.1			1 Builder's work in general areas		m2	£
5.1.1 .2 5.1.1 .3			2 Builder's work to landlord areas 3 Builder's work to plant rooms		m2 m2	£
5.1.1.4			4 Fuel bunds		nr	£
6	6 COMPLETE BUILDINGS & BUILDING UNITS 6 COMPLETE BUILDINGS & BUILDING UNITS			Gross Internal Floor Area	0 m2	£
6					0 m2	£ - £
6.1		1 Complete buildings			-	
6.1.1		2 Puilding upits	1 Complete buildings		m2	£
6 .2 6 .2 .1		2 Building units	1 Building units	details, including number (nr) of identical units,	m2	l t
0.2.1			_ Sanding and	details, including number (iii) of identical units,	III2	
7	7 WORK TO EXISTING BUILDINGS 7 WORK TO EXISTING BUILDINGS			Gross Internal Floor Area	0 m2	£
7.1	7.1 Minor demolition works and alteration works				0 m2	£ - £
7.1.1		1 Minor demolition works and alteration	on			
711.		works	4 Smot items			
7.1.1 .1 7.1.1 .2			1 Spot items 2 Minor demolition works		item nr/m/m2	<u>f</u>
7.1.1.2			3 Removal		item/nr/m/m2	f
7.1.1 .4			4 Alteration works		item/nr/m/m2	£
7.2	7.2 Repairs to existing services				0 m2	£ - £
7.2.1		1 Existing services				
7.2.1.1			1 Equipment/plant repairs		nr m2	£
7.2.1 .2			2 Overhauling services installations/systems		m2	l £
7.3	7.3 Damp-proof courses/fungus and beetle eradication				0 m2	f - f
7.3.1	7.5 Samp proof coarsesprangas and occur cradication	1 Damp-proof courses				-
7.3.1 .1	_		1 Damp-proof courses		m2	£
7.3.2		2 Fungus/beetle eradication				
7.3.2 .1			1 Eradication treatment:		m2	£
7.4	7.4 Facade retention	1 Encado rotentian			0 m2	£ - £
7.4.1 7.4.1 .1		1 Facade retention	1 Support structures		nr	f
, . 		1	1 - sapport structures		111	L

7.5	7.5 Cleaning existing surfaces				(m2	£ -	£ -
7.5.1		1 Cleaning existing surfaces						
7.5.1 .1			1 Cleaning existing surfaces			m2		£ -
7.5.2		2 Protective coatings to existing surfaces						
7524			4 Books discounting the state of the state o			2		
7.5.2 .1 7.6	7.6 Renovation works		1 Protective coatings to existing surfaces		(m2) m2	£ -	£ -
7.6.1	7.0 Netiovation works	1 Masonry repairs				7 1112		L
7.6.1 .1		1 Mason y repairs	1 Masonry repairs			nr/m/m2		f -
7.6.2		2 Concrete repairs	, , , , , , , , , , , , , , , , , , , ,					
7.6.2 .1			1 Concrete repairs			nr/m/m2		£ -
7.6.3		3 Metal repairs						
7.6.3 .1			1 Metal repairs			nr/m/m2		£ -
7.6.4		4 Timber repairs						
7.6.4 .1			1 Timber repairs			nr/m/m2		£ -
7.6.5 7.6.5 .1		5 Plastics repairs	1 Diantina na naina			nr/m/m2		f -
7.6.5 .1	B EXTERNAL WORKS 8 EXTERNAL WORKS		1 Plastics repairs	Site Area		m2		£ -
8.1	8.1 Site preparation works			Site Area	(m2	£ -	f -
8.1.1	ora one preparation works	1 Site clearance				2		_
8.1.1 .1			1 Clearing vegetation			m2		£ -
8.1.1.2			2 Taking down trees			nr		£ -
8.1.1.3			3 Removing tree stumps and roots			nr		£ -
8.1.1 .4			4 Tree protection			item		£ -
8.1.1.5			5 Minor demolition works			item/nr		£ -
8.1.1.6			6 Applying herbicides			m2		£ -
8.1.2		2 Preparatory groundworks	1 Forming now site contains and adjusting			m ²		f -
8.1.2 .1			1 Forming new site contours and adjusting existing site levels			m2		£ -
8.1.2 .2			2 Breaking out existing substructures			m2		f -
8.1.2.3		+	3 Breaking out existing substructures	<u> </u>		m2		£ -
8.1.2 .4			4 Grubbing up old drainage pipelines			m		£ -
8.1.2 .5			5 Grubbing up old manholes and the like			nr		£ -
8.1.2 .6			6 Filling disused manholes and the like			nr		£ -
8.1.2 .7			7 Removing existing underground storage			nr		£ -
			tanks, including disposal					
8.2	8.2 Roads, paths and pavings				() m2	f -	£ -
8.2.1		1 Roads, paths and pavings						
8.2.1.1			1 Roads	details, including width		m		£ -
8.2.1 .2 8.2.1 .3			2 Paths 3 Paved areas, hardstandings and the like	details, including width		m m2		£ -
8.2.1.3			3 Roundabouts			nr		f -
8.2.1.4			4 Road crossings			nr		£ -
8.2.1.5			5 Steps			nr		f -
8.2.1.6			6 Ramps			nr		£ -
8.2.1.7			7 Traffic calming accessories			nr/m		£ -
8.2.1.8			8 Tree grilles			nr		£ -
8.2.1.9			9 Vehicle protection barriers			m		£ -
8.2.1 .10			10 Bumpers			m		£ -
8.2.1 .11			11 Pavement markings			nr/m		£ -
8.2.1 .12			12 Repairs to existing roads, paths and pavings			nr/m/m2		£ -
8.2.2		2 Special surfacings and pavings						
8.2.2 .1		2 Special surfacilities and pavilities	1 Surfacings and pavings			m2		£ -
8.3	8.3 Soft landscapes, planting and irrigation systems		2 Sarraemes and parmes		(m2	£ -	
8.3.1		1 Seeding and turfing					-	
8.3.1.1		<u> </u>	1 Grassed areas			m2		£ -
8.3.1.2			2 Reinforced grass proprietary systems			m2		£ -
8.3.1 .3			3 Marking out of grass sports pitches			nr		£ -
8.3.1 .4			4 Work to existing grassed areas			m2		£ -
8.3.1.5		25 to collaborate	5 Maintenance of grassed areas	details, including time period (weeks)		m2		£ -
8.3.2 8.3.2 .1		2 External planting	1 Planting			m2		f -
8.3.2 .1 8.3.2 .2			1 Planting 2 Planting reed beds			m2 m2	+	£ -
8.3.2.2			3 Hedges			m		£ -
8.3.2.4		<u> </u>	4 Trees			nr	<u> </u>	£ -
8.3.2 .5			5 Woodland planting			m2		£ -
8.3.2 .6			6 Tree surgery, thinning and pruning			nr		£ -
8.3.2 .7			7 Maintenance work to plants and shrubs and					£ -
			planting beds	details, including time period (weeks)		m2		
8.3.2.8			<u> </u>	details, including number of occasions and time				£ -
0.0.0.			8 Maintenance work to trees	period (weeks)		nr		
8.3.2 .9 8.4	0 A Fancing, callings and call		9 Maintenance work to hedges	details, including time period (weeks)	(m m	£ -	£ -
8.4.1	8.4 Fencing, railings and walls	1 Fencing and railings		+	() m	<u>t</u> -	£ -
8.4.1 .1		2. Cheng and rainings	1 Fencing	 details, including height (m)		m		£ -
8.4.1 .2			2 Railings	details, including height (m)		m		£ -
8.4.1 .3			3 Gates			nr		£ -
8.4.2		2 Walls and screens						
8.4.2 .1			1 Walls	details, including height (m)		m		£ -
8.4.2 .2			2 Screens	details, including height (m)		m		£ -
8.4.2 .3			3 Gates			nr		£ -
8.4.3		3 Retaining walls	1 Deteining wells	 details including beints () V to very state				
8.4.3 .1 8.4.3 .2			1 Retaining walls 2 Temporary works	details, including height (m) above ground		m item		£ -
8.4.3 .2		4 Barriers and guardrails	z remporary works			item	+	£ -
8.4.4 .1		- Darriers and guardraits	1 Vehicle restraint systems			m		£ -
8.4.4.2			2 Pedestrian restraint systems			m	<u> </u>	f -
	L L	i		-			1	1

8.4.4 .3		3 Vehicle and pedestrian control barriers and						£ -
		gates			nr			
8.5	8.5 External fixtures				0 nr		£ -	£ -
8.5.1	1 Site/street furniture and equipment							
8.5.1 .1		1 Component			nr			£ -
8.5.2	2 Ornamental features							
8.5.2 .1		1 Water features			nr			£ -
8.5.2 .2		2 Other features			nr			£ -
8.6	8.6 External drainage				0 m		£ -	£ -
8.6.1	1 Surface water and foul water drainage							
								-
8.6.1 .1		1 Connections to statutory undertaker's sewers			nr			£ -
8.6.1 .2		2 Drainage runs; below ground	details, including depth of trench (m) a	nd	m			£ -
			nominal size of pipe (mm)					_
8.6.1 .3		3 Drainage runs; above ground	details, including height above ground	(m),	m			£ -
			nominal size of pipe (mm)					
8.6.1 .4		4 Prefabricated channels	details, including nominal size		m			£ -
8.6.1.5		5 Manholes and the like	details, including depth (m)		nr			£ -
8.6.1 .6		6 Alterations to existing external drainage			nr			£ -
		systems						
8.6.1 .7		7 Work to existing manholes or the like			nr			£ -
8.6.1 .8		8 Clearing existing drains			nr/m			£ -
8.6.1.9		9 Sealing redundant drains			nr/m	-	-	£ -
8.6.1 .10		10 Filling disused manholes or the like			nr		-	£ -
8.6.2	2 Ancillary drainage systems					1		
8.6.2 .1		1 Pumping stations			nr			£ -
8.6.2 .2		2 Ejector stations			nr			£ -
8.6.2 .3		3 Storage/retention tanks and vessels			nr			£ -
8.6.2 .4		4 Sewage treatment systems			nr			£ -
8.6.2 .5		5 Sustainable urban drainage schemes			m2			£ -
8.6.3	3 External laboratory and industrial							
	liquid waste drainage							
8.6.3 .1		1 Drainage runs; below ground	details, including depth of trench (m) a	nd	m			£ -
			nominal size of pipe (mm)					
8.6.3 .2		2 Drainage runs; above ground	details, including height above ground	(m) and	m			£ -
			nominal size of pipe (mm)					
8.6.3 .3		3 Equipment and plant			nr			£ -
8.6.4	4 Land drainage							
8.6.4 .1		1 Drainage runs; below ground	details, including depth of trench (m)	nd	m			£ -
			nominal size of pipe (mm)					
8.6.4.2		2 Manholes and the like	details, including depth (m)		nr			£ -
8.6.4 .3		3 Drainage blankets:			m2			£ -
8.6.4 .4		4 Land drainage to parkland	details, including centres of main runs	(m) and	ha			£ -
			laterals (m)					
8.6.5	5 Testing and commissioning of external							
	drainage installations	1 Testing			%			£ -
8.6.5 .1 8.6.5 .2	drainage installations	1 Testing 2 Commissioning			% %			f -
8.6.5 .1	drainage installations	1 Testing 2 Commissioning			_		£ -	-
8.6.5 .1 8.6.5 .2	drainage installations 8.7 External services				%		f -	£ -
8.6.5 .1 8.6.5 .2 8.7 8.7.1	drainage installations 8.7 External services 1 Water mains supply				%		f -	£ -
8.6.5 .1 8.6.5 .2 8.7	drainage installations 8.7 External services 1 Water mains supply	2 Commissioning			% 0 m		£ -	f -
8.6.5 .1 8.6.5 .2 8.7 8.7.1	drainage installations 8.7 External services 1 Water mains supply	2 Commissioning 1 Connections to statutory undertaker's water main			% 0 m		£ -	f -
8.6.5 .1 8.6.5 .2 8.7 8.7.1 8.7.1 .1	drainage installations 8.7 External services 1 Water mains supply	2 Commissioning 1 Connections to statutory undertaker's water			% 0 m nr		£ -	£ -
8.6.5 .1 8.6.5 .2 8.7 8.7.1 8.7.1 .1	drainage installations 8.7 External services 1 Water mains supply	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment			% 0 m nr		£ -	£ -
8.6.5.1 8.6.5.2 8.7 8.7.1 8.7.1.1	drainage installations 8.7 External services 1 Water mains supply	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs	details, including the number of collec		% 0 m nr		f -	£ -
8.6.5 .1 8.6.5 .2 8.7 8.7.1 8.7.1 .1	drainage installations 8.7 External services 1 Water mains supply	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment	details, including the number of collec		% 0 m nr nr m		£ -	£ - £ - £
8.6.5.1 8.6.5.2 8.7 8.7.1 8.7.1.1 8.7.1.2 8.7.1.3 8.7.1.4	8.7 External services 1 Water mains supply	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs 4 Rainwater harvesting systems	(nr)	ion points	% 0 m nr nr m		£ -	£ - £ - £
8.6.5.1 8.6.5.2 8.7 8.7.1 8.7.1.1	8.7 External services 1 Water mains supply	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs		ion points	% 00 m nr nr nr		£ -	£ - £ - £ - £ - £
8.6.5.1 8.6.5.2 8.7 8.7.1 8.7.1.1 8.7.1.2 8.7.1.3 8.7.1.4	8.7 External services 1 Water mains supply	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs 4 Rainwater harvesting systems	(nr) details, including the number of collec	ion points	% 00 m nr nr nr		£ -	£ - £ - £ - £ - £
8.6.5.1 8.6.5.2 8.7 8.7.1 8.7.1.1 8.7.1.2 8.7.1.3 8.7.1.4	drainage installations 8.7 External services 1 Water mains supply 2 Electricity mains supply	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs 4 Rainwater harvesting systems	(nr) details, including the number of collec	ion points	% 00 m nr nr nr		£ -	£ - £ - £ - £ - £
8.6.5.1 8.6.5.2 8.7 8.7.1 8.7.1.1 8.7.1.2 8.7.1.3 8.7.1.4 8.7.1.5	drainage installations 8.7 External services 1 Water mains supply 2 Electricity mains supply	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs 4 Rainwater harvesting systems 5 Grey water systems:	(nr) details, including the number of collec	ion points	% 0 m nr nr nr		£ -	£ - £ - £ - £ - £ - £ - £ - £ - £ - £ -
8.6.5.1 8.6.5.2 8.7 8.7.1 8.7.1.1 8.7.1.2 8.7.1.3 8.7.1.4 8.7.1.5	8.7 External services 1 Water mains supply 2 Electricity mains supply	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs 4 Rainwater harvesting systems 5 Grey water systems:	(nr) details, including the number of collec	ion points	% 0 m nr nr nr		f -	£ - £ - £ - £ - £ - £ - £ - £ - £ - £ -
8.6.5.1 8.6.5.2 8.7 8.7.1 8.7.1.1 8.7.1.2 8.7.1.3 8.7.1.4 8.7.1.5 8.7.2.3 8.7.2.1	8.7 External services 1 Water mains supply 2 Electricity mains supply	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs 4 Rainwater harvesting systems 5 Grey water systems:	(nr) details, including the number of collec	ion points	% 0 m nr nr nr nr		£ -	£ - E - E - E - E - E - E - E - E - E -
8.6.5.1 8.6.5.2 8.7 8.7.1 8.7.1.1 8.7.1.2 8.7.1.3 8.7.1.4 8.7.1.5 8.7.2.1	drainage installations 8.7 External services 1 Water mains supply 2 Electricity mains supply	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 4 Rainwater harvesting systems 5 Grey water systems: 1 Connections to statutory undertaker's electricity main 2 Service runs	(nr) details, including the number of collec	ion points	% 0 m nr nr nr nr nr nr		£ -	£ - E - E - E - E - E - E - E - E - E -
8.6.5.1 8.6.5.2 8.7 8.7.1 8.7.1.1 8.7.1.2 8.7.1.3 8.7.1.4 8.7.1.5 8.7.2.3 8.7.2.1	drainage installations 8.7 External services 1 Water mains supply 2 Electricity mains supply	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs 4 Rainwater harvesting systems 5 Grey water systems: 1 Connections to statutory undertaker's electricity main 2 Service runs 3 Transformer sub-stations	(nr) details, including the number of collec	ion points	% 0 m nr		£ -	£
8.6.5.1 8.6.5.2 8.7 8.7.1 8.7.1.1 8.7.1.2 8.7.1.3 8.7.1.4 8.7.1.5 8.7.2.3 8.7.2.1	drainage installations 8.7 External services 1 Water mains supply 2 Electricity mains supply	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs 4 Rainwater harvesting systems 5 Grey water systems: 1 Connections to statutory undertaker's electricity main 2 Service runs 3 Transformer sub-stations 4 External electricity generation installation/	(nr) details, including the number of collec	ion points	% 0 m nr		£ -	£
8.6.5.1 8.6.5.2 8.7 8.7.1 8.7.1.1 8.7.1.2 8.7.1.3 8.7.1.4 8.7.1.5 8.7.2 8.7.2.1 8.7.2.2 8.7.2.3 8.7.2.4	drainage installations 8.7 External services 1 Water mains supply 2 Electricity mains supply 3 External transformation devices	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs 4 Rainwater harvesting systems 5 Grey water systems: 1 Connections to statutory undertaker's electricity main 2 Service runs 3 Transformer sub-stations 4 External electricity generation installation/	(nr) details, including the number of collec	ion points	% 0 m nr		£ -	£
8.6.5.1 8.6.5.2 8.7 8.7.1 8.7.1.1 8.7.1.2 8.7.1.3 8.7.1.4 8.7.1.5 8.7.2 8.7.2.2 8.7.2.2 8.7.2.3 8.7.2.4	drainage installations 8.7 External services 1 Water mains supply 2 Electricity mains supply 3 External transformation devices	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs 4 Rainwater harvesting systems 5 Grey water systems: 1 Connections to statutory undertaker's electricity main 2 Service runs 3 Transformer sub-stations 4 External electricity generation installation/ plant	(nr) details, including the number of collec	ion points ion points	% 0 m nr nr nr nr nr nr nr nr		£ -	£
8.6.5.1 8.6.5.2 8.7 8.7 8.7.1 8.7.1.1 8.7.1.2 8.7.1.3 8.7.1.4 8.7.1.5 8.7.2.1 8.7.2.1 8.7.2.2 8.7.2.3 8.7.2.4 8.7.3.8 8.7.3.1	drainage installations 8.7 External services 1 Water mains supply 2 Electricity mains supply 3 External transformation devices	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs 4 Rainwater harvesting systems 5 Grey water systems: 1 Connections to statutory undertaker's electricity main 2 Service runs 3 Transformer sub-stations 4 External electricity generation installation/ plant 1 Wind turbines	(nr) details, including the number of collec (nr)	ion points ion points	% 0 m nr nr nr nr nr nr nr nr nr		£ -	£ - E - E - E - E - E - E - E - E - E -
8.6.5.1 8.6.5.2 8.7 8.7.1 8.7.1.1 8.7.1.2 8.7.1.3 8.7.1.4 8.7.1.5 8.7.2.2 8.7.2.1 8.7.2.2 8.7.2.4 8.7.3.3 8.7.3.1	drainage installations 8.7 External services 1 Water mains supply 2 Electricity mains supply 3 External transformation devices	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs 4 Rainwater harvesting systems 5 Grey water systems: 1 Connections to statutory undertaker's electricity main 2 Service runs 3 Transformer sub-stations 4 External electricity generation installation/ plant 1 Wind turbines 2 Photovoltaic devices	(nr) details, including the number of collec (nr)	ion points ion points	% 0 m nr		£ -	£
8.6.5.1 8.6.5.2 8.7 8.7.1 8.7.1.1 8.7.1.2 8.7.1.3 8.7.1.4 8.7.1.5 8.7.2.2 8.7.2.1 8.7.2.2 8.7.2.3 8.7.2.4 8.7.3.3 8.7.3.1 8.7.3.1 8.7.3.2 8.7.3.3	drainage installations 8.7 External services 1 Water mains supply 2 Electricity mains supply 3 External transformation devices	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs 4 Rainwater harvesting systems 5 Grey water systems: 1 Connections to statutory undertaker's electricity main 2 Service runs 3 Transformer sub-stations 4 External electricity generation installation/ plant 1 Wind turbines 2 Photovoltaic devices	(nr) details, including the number of collec (nr)	ion points ion points	% 0 m nr		£ -	£
8.6.5.1 8.6.5.2 8.7 8.7.1 8.7.1.1 8.7.1.2 8.7.1.3 8.7.1.4 8.7.1.5 8.7.2.2 8.7.2.1 8.7.2.2 8.7.2.3 8.7.2.4 8.7.3.3 8.7.3.1 8.7.3.1 8.7.3.2 8.7.3.3	8.7 External services 1 Water mains supply 2 Electricity mains supply 3 External transformation devices 4 Electricity distribution to external plant and equipment	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs 4 Rainwater harvesting systems 5 Grey water systems: 1 Connections to statutory undertaker's electricity main 2 Service runs 3 Transformer sub-stations 4 External electricity generation installation/ plant 1 Wind turbines 2 Photovoltaic devices	(nr) details, including the number of collec (nr)	ion points ion points	% 0 m nr		£ -	£
8.6.5.1 8.6.5.2 8.7 8.7 8.7.1 8.7.1.1 8.7.1.2 8.7.1.3 8.7.1.4 8.7.1.5 8.7.2.2 8.7.2.2 8.7.2.3 8.7.2.4 8.7.3 8.7.3.1 8.7.3.1 8.7.3.2 8.7.3.3 8.7.3.1	8.7 External services 1 Water mains supply 2 Electricity mains supply 3 External transformation devices 4 Electricity distribution to external plant and equipment	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs 4 Rainwater harvesting systems 5 Grey water systems: 1 Connections to statutory undertaker's electricity main 2 Service runs 3 Transformer sub-stations 4 External electricity generation installation/plant 1 Wind turbines 2 Photovoltaic devices 3 Other transformation devices	(nr) details, including the number of collec (nr)	ion points ion points	% 0 m nr nr nr nr nr nr nr nr nr		£ -	£ - E - E - E - E - E - E - E - E - E -
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8.6.5.1 8.6.5.2 8.7 8.7.1 8.7.1.1 8.7.1.2 8.7.1.3 8.7.1.4 8.7.1.5 8.7.2.2 8.7.2.1 8.7.2.2 8.7.2.3 8.7.2.4 8.7.3.3 8.7.3.1 8.7.3.2 8.7.3.2 8.7.3.3 8.7.4.1	8.7 External services 1 Water mains supply 2 Electricity mains supply 3 External transformation devices 4 Electricity distribution to external plant and equipment	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs 4 Rainwater harvesting systems 5 Grey water systems: 1 Connections to statutory undertaker's electricity main 2 Service runs 3 Transformer sub-stations 4 External electricity generation installation/ plant 1 Wind turbines 2 Photovoltaic devices 3 Other transformation devices 1 Connections to external plant or equipment 2 Service runs	(nr) details, including the number of collec (nr)	ion points ion points	% 0 m nr nr nr nr nr nr nr		£ -	£
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8.6.5.1 8.6.5.2 8.7 8.7.1 8.7.1.1 8.7.1.2 8.7.1.3 8.7.1.4 8.7.1.5 8.7.2.3 8.7.2.1 8.7.2.2 8.7.2.3 8.7.2.4 8.7.3.3 8.7.3.1 8.7.3.2 8.7.3.3 8.7.4.4 8.7.4.2 8.7.5.1	drainage installations 8.7 External services 1 Water mains supply 2 Electricity mains supply 3 External transformation devices 4 Electricity distribution to external plant and equipment 5 Gas mains supply	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs 4 Rainwater harvesting systems 5 Grey water systems: 1 Connections to statutory undertaker's electricity main 2 Service runs 3 Transformer sub-stations 4 External electricity generation installation/ plant 1 Wind turbines 2 Photovoltaic devices 3 Other transformation devices 1 Connections to external plant or equipment 2 Service runs 1 Connections to statutory undertaker's gas main 2 Service runs	(nr) details, including the number of collec (nr)	ion points ion points	% 0 m nr		£ -	£ - E - E - E - E - E - E - E - E - E -
8.6.5 .1 8.6.5 .2 8.7 8.7 .1 8.7.1 .1 8.7.1 .2 8.7.1 .3 8.7.1 .4 8.7.1 .5 8.7.2 .3 8.7.2 .1 8.7.2 .2 8.7.2 .3 8.7.2 .4 8.7.3 .3 8.7.3 .1 8.7.3 .2 8.7.3 .3 8.7.4 .1 8.7.4 .2 8.7.5 .1	drainage installations 8.7 External services 1 Water mains supply 2 Electricity mains supply 3 External transformation devices 4 Electricity distribution to external plant and equipment 5 Gas mains supply	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs 4 Rainwater harvesting systems 5 Grey water systems: 1 Connections to statutory undertaker's electricity main 2 Service runs 3 Transformer sub-stations 4 External electricity generation installation/ plant 1 Wind turbines 2 Photovoltaic devices 3 Other transformation devices 1 Connections to external plant or equipment 2 Service runs 1 Connections to statutory undertaker's gas main	(nr) details, including the number of collec (nr)	ion points ion points	% 0 m nr nr nr nr nr nr nr m m nr		£ -	£
8.6.5.1 8.6.5.2 8.7 8.7.1 8.7.1.1 8.7.1.2 8.7.1.3 8.7.1.4 8.7.1.5 8.7.2.2 8.7.2.1 8.7.2.2 8.7.2.3 8.7.2.4 8.7.3.3 8.7.3.1 8.7.3.1 8.7.3.2 8.7.3.3 8.7.4.1 8.7.4.2 8.7.5.3 8.7.5.1	drainage installations 8.7 External services 1 Water mains supply 2 Electricity mains supply 3 External transformation devices 4 Electricity distribution to external plant and equipment 5 Gas mains supply 6 Telecommunications and other	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs 4 Rainwater harvesting systems 5 Grey water systems: 1 Connections to statutory undertaker's electricity main 2 Service runs 3 Transformer sub-stations 4 External electricity generation installation/ plant 1 Wind turbines 2 Photovoltaic devices 3 Other transformation devices 1 Connections to external plant or equipment 2 Service runs 1 Connections to statutory undertaker's gas main 2 Service runs	(nr) details, including the number of collec (nr)	ion points ion points	% 0 m nr nr nr nr nr nr nr m m nr		£ -	£
8.6.5.1 8.6.5.2 8.7 8.7.1 8.7.1.1 8.7.1.2 8.7.1.3 8.7.1.4 8.7.1.5 8.7.2.2 8.7.2.1 8.7.2.2 8.7.2.3 8.7.2.4 8.7.3.3 8.7.3.4 8.7.3.2 8.7.3.3 8.7.4.4 8.7.4.1 8.7.4.1 8.7.5.2 8.7.5.3 8.7.5.1 8.7.5.1	8.7 External services 1 Water mains supply 2 Electricity mains supply 3 External transformation devices 4 Electricity distribution to external plant and equipment 5 Gas mains supply	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs 4 Rainwater harvesting systems 5 Grey water systems: 1 Connections to statutory undertaker's electricity main 2 Service runs 3 Transformer sub-stations 4 External electricity generation installation/ plant 1 Wind turbines 2 Photovoltaic devices 3 Other transformation devices 1 Connections to external plant or equipment 2 Service runs 1 Connections to statutory undertaker's gas main 2 Service runs	(nr) details, including the number of collec (nr)	ion points ion points	% 0 m nr nr nr nr nr nr nr m m nr		£ -	£
8.6.5 .1 8.6.5 .2 8.7 8.7 .1 8.7.1 .1 8.7.1 .2 8.7.1 .3 8.7.1 .4 8.7.1 .5 8.7.2 .3 8.7.2 .1 8.7.2 .2 8.7.2 .1 8.7.2 .4 8.7.3 .3 8.7.3 .1 8.7.3 .2 8.7.3 .3 8.7.4 .1 8.7.4 .2 8.7.5 .1 8.7.5 .1 8.7.5 .1 8.7.6 .1	drainage installations 8.7 External services 1 Water mains supply 2 Electricity mains supply 3 External transformation devices 4 Electricity distribution to external plant and equipment 5 Gas mains supply 6 Telecommunications and other communication system connections	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs 4 Rainwater harvesting systems 5 Grey water systems: 1 Connections to statutory undertaker's electricity main 2 Service runs 3 Transformer sub-stations 4 External electricity generation installation/plant 1 Wind turbines 2 Photovoltaic devices 3 Other transformation devices 1 Connections to external plant or equipment 2 Service runs 1 Connections to statutory undertaker's gas main 2 Service runs 3 Governing stations 1 Telecommunication connections	(nr) details, including the number of collec (nr)	ion points ion points	% 0 m nr nr nr nr nr nr m nr		£ -	£ - E - E - E - E - E - E - E - E - E -
8.6.5.1 8.6.5.2 8.7 8.7.1 8.7.1.1 8.7.1.2 3.7.1.3 8.7.1.4 8.7.1.5 3.7.2 3.7.2.1 8.7.2.2 8.7.2.1 8.7.2.2 8.7.2.3 8.7.2.4 8.7.3.3 8.7.3.1 8.7.3.2 8.7.3.3 8.7.4.4 8.7.4.1 8.7.4.2 8.7.5.5 8.7.5.1 8.7.5.2 8.7.5.3 8.7.6.1 8.7.6.2	drainage installations 8.7 External services 1 Water mains supply 2 Electricity mains supply 3 External transformation devices 4 Electricity distribution to external plant and equipment 5 Gas mains supply 6 Telecommunications and other communication system connections	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs 4 Rainwater harvesting systems 5 Grey water systems: 1 Connections to statutory undertaker's electricity main 2 Service runs 3 Transformer sub-stations 4 External electricity generation installation/ plant 1 Wind turbines 2 Photovoltaic devices 3 Other transformation devices 1 Connections to external plant or equipment 2 Service runs 1 Connections to statutory undertaker's gas main 2 Service runs 3 Governing stations 1 Telecommunication connections 2 Cable television connections	(nr) details, including the number of collec (nr)	ion points ion points	% 0 m nr		£ -	£ - E - E - E - E - E - E - E - E - E -
8.6.5.1 8.6.5.2 8.7 8.7.1 8.7.1.3 8.7.1.4 8.7.1.5 8.7.2.2 8.7.2.1 8.7.2.2 8.7.2.3 8.7.2.4 8.7.3.3 8.7.3.1 8.7.4.1	drainage installations 8.7 External services 1 Water mains supply 2 Electricity mains supply 3 External transformation devices 4 Electricity distribution to external plant and equipment 5 Gas mains supply 6 Telecommunications and other communication system connections	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs 4 Rainwater harvesting systems 5 Grey water systems: 1 Connections to statutory undertaker's electricity main 2 Service runs 3 Transformer sub-stations 4 External electricity generation installation/ plant 1 Wind turbines 2 Photovoltaic devices 3 Other transformation devices 1 Connections to external plant or equipment 2 Service runs 1 Connections to statutory undertaker's gas main 2 Service runs 3 Governing stations 1 Telecommunication connections 2 Cable television connections 3 Other communication connections	(nr) details, including the number of collec (nr)	ion points ion points	% 0 m nr		£ -	£
8.6.5.1 8.6.5.2 8.7 8.7.1 8.7.1.1 8.7.1.2 3.7.1.3 8.7.1.4 8.7.1.5 3.7.2 3.7.2.1 8.7.2.2 8.7.2.1 8.7.2.2 8.7.2.3 8.7.2.4 8.7.3.3 8.7.3.1 8.7.3.2 8.7.3.3 8.7.4.4 8.7.4.1 8.7.4.2 8.7.5.5 8.7.5.1 8.7.5.2 8.7.5.3 8.7.6.1 8.7.6.2	drainage installations 8.7 External services 1 Water mains supply 2 Electricity mains supply 3 External transformation devices 4 Electricity distribution to external plant and equipment 5 Gas mains supply 6 Telecommunications and other communication system connections	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs 4 Rainwater harvesting systems 5 Grey water systems: 1 Connections to statutory undertaker's electricity main 2 Service runs 3 Transformer sub-stations 4 External electricity generation installation/ plant 1 Wind turbines 2 Photovoltaic devices 3 Other transformation devices 1 Connections to external plant or equipment 2 Service runs 1 Connections to statutory undertaker's gas main 2 Service runs 3 Governing stations 1 Telecommunication connections 2 Cable television connections	(nr) details, including the number of collec (nr)	ion points ion points	% 0 m nr		£ -	£
8.6.5 .1 8.6.5 .2 8.7 8.7.1 8.7.1 .1 8.7.1 .2 8.7.1 .3 8.7.1 .3 8.7.1 .4 8.7.1 .5 8.7.2 .2 8.7.2 .1 8.7.2 .2 8.7.2 .3 8.7.2 .4 8.7.3 .2 8.7.3 .3 8.7.3 .2 8.7.3 .2 8.7.3 .2 8.7.3 .2 8.7.3 .2 8.7.5 .2 8.7.5 .3 8.7.6 .2 8.7.6 .2 8.7.6 .2 8.7.6 .2 8.7.6 .3 8.7.6 .4	drainage installations 8.7 External services 1 Water mains supply 2 Electricity mains supply 3 External transformation devices 4 Electricity distribution to external plant and equipment 5 Gas mains supply 6 Telecommunications and other communication system connections	2 Commissioning 1 Connections to statutory undertaker's water main 2 Connections to external plant and equipment 3 Service runs 4 Rainwater harvesting systems 5 Grey water systems: 1 Connections to statutory undertaker's electricity main 2 Service runs 3 Transformer sub-stations 4 External electricity generation installation/ plant 1 Wind turbines 2 Photovoltaic devices 3 Other transformation devices 1 Connections to external plant or equipment 2 Service runs 1 Connections to statutory undertaker's gas main 2 Service runs 3 Governing stations 1 Telecommunication connections 2 Cable television connections 3 Other communication connections	(nr) details, including the number of collec (nr)	ion points ion points	% 0 m nr		£ -	£

		1.5 1.1 1.1 1.1 1.1 1.1					T a
8.7.7 .1		1 Fuel storage and piped distribution systems			nr		± -
8.7.7 .2		2 Service runs			m		£ -
8.7.8	8 External security systems						
8.7.8 .1		1 Surveillance equipment	d	etails of each type of system	item/nr		£ -
8.7.8 .2		2 Security detection equipment		etails of each type of system	item/nr		£ -
8.7.8.3		3 Security alarm equipment		etails of each type of system	item/nr		£ -
8.7.8.4 8.7.8.5		4 Gate access control systems 5 Gate entry systems		etails of each type of system etails of each type of system	nr nr		£ -
8.7.8.6		6 Security lights and lighting systems		letails of each type of system	item/nr		£ -
8.7.8.7		7 Other security systems		etails of each type of system	item/nr		£ -
8.7.8 .8		8 Service runs		The state of the s	m		£ -
8.7.9	9 Site/street lighting systems						
8.7.9 .1		1 External lighting to pedestrian areas			nr		£ -
8.7.9.2 8.7.9.3		2 External lighting to paths			nr		f -
8.7.9.4 8.7.9.4		3 External lighting to roads 4 Illuminated traffic signs			nr nr		£ -
8.7.10	10 Irrigation systems	4 munimateu tranic signs			- "		
8.7.10.1	20 migaton systems	1 Irrigation systems			m2		£ -
8.7.11	11 Local/district heating installations						
8.7.11.1		1 Heat source associated plant and equipment			item/nr		£ -
8.7.11.2		2 Service runs					£ -
8.7.11.3 8.7.11.3		3 External heating ducts and duct access covers			m m		f -
0.7.11.5		5 External fleating ducts and duct decess covers			"		-
8.7.12	12 Builder's work in connection with						
	external services						
8.7.12.1		1 Ducts and the like			nr/m		£ -
8.7.12.2		2 Supports to external storage tanks, vessels			item/nr		£ -
8.7.12.3		and the like 3 Fuel bunds and the like to storage/retention			item/nr		f -
6.7.12.3		tanks and vessels:			itelly iii		1
8.7.12.4		4 Protective compounds, fencing, storage racks			item/nr		£ -
		associated with LPG installations and the like					
8.7.12.5		5 Protective compounds, connected with			item/nr		£ -
0.7.12.6		transformer sub-stations and the like	4	lotaile including size	nr		f -
8.7.12.6 8.7.12.7		6 Bases for services equipment 7 Other builder's work in connection with	U	etails, including size	%		f -
6.7.12.7		external services			70		1
8.7.13	13 Testing and commissioning of						
	external services						
8.7.13.1		1 Testing			%		£ -
8.7.13.2	9.9 Minor building works and appillant buildings	1 Testing 2 Commissioning			%	£	£ -
8.7.13.2 8.8	8.8 Minor building works and ancillary buildings 1 Minor building works					£ -	£ -
8.7.13.2	8.8 Minor building works and ancillary buildings 1 Minor building works		d	etails, including GIFA (m²)	%	£ -	£ -
8.7.13.2 8.8 8.8.1		2 Commissioning	d	letails, including GIFA (m²)	% 0 m2	£ -	f -
8.7.13.2 8.8 8.8.1		2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and	d	letails, including GIFA (m²)	% 0 m2	£ -	f - f -
8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2		1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment	d	letails, including GIFA (m²)	% 0 m2 item/nr item/nr	£ -	£ - £ - £ -
8.7.13.2 8.8 8.8.1 8.8.1.1		1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and	d	letails, including GIFA (m²)	% 0 m2 item/nr	£ -	f - f -
8.7.13.2 8.8 8.8.1 8.8.1 .1 8.8.1 .2 8.8.1 .3	1 Minor building works	1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment	d	letails, including GIFA (m²)	% 0 m2 item/nr item/nr	£ -	£ - £ - £ -
8.7.13.2 8.8 8.8.1 8.8.1 .1 8.8.1 .2 8.8.1 .3		2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls			% 0 m2	£ -	£ - £ - £ -
8.7.13.2 8.8 8.8.1 8.8.1 .1 8.8.1 .2 8.8.1 .3	1 Minor building works	1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and		letails, including GIFA (m²) letails, including GIFA (m²)	% 0 m2 item/nr item/nr	£ -	£ - £ - £ -
8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2 8.8.1.3 8.8.2 8.8.2.1 8.8.2.2	1 Minor building works 2 Ancillary buildings and structures	2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls 1 Minor ancillary building – built			% 0 m2	£ -	£ - £ - £ - £ - £ - £ -
8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2 8.8.1.3 8.8.2 8.8.2	1 Minor building works 2 Ancillary buildings and structures 3 Underpinning to external site	2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls 1 Minor ancillary building – built 2 Minor ancillary building – prefabricated/			% 0 m2	£ -	£ - £ - £ - £ - £ - £ -
8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2 8.8.1.3 8.8.2 8.8.2 8.8.2.1 8.8.2.2 8.8.3.3	1 Minor building works 2 Ancillary buildings and structures	2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls 1 Minor ancillary building – built 2 Minor ancillary building – prefabricated/proprietary			% 0 m2	£ -	f - f - f - f - f - f -
8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2 8.8.1.3 8.8.2 8.8.2.1 8.8.2.2	1 Minor building works 2 Ancillary buildings and structures 3 Underpinning to external site	2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls 1 Minor ancillary building – built 2 Minor ancillary building – prefabricated/ proprietary 1 Underpinning to external site boundary walls			% 0 m2	£ -	£ - £ - £ - £ - £ - £ -
8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2 8.8.1.3 8.8.2 8.8.2.1 8.8.2.2 8.8.3 8.8.3	2 Ancillary buildings and structures 3 Underpinning to external site boundary walls	2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls 1 Minor ancillary building – built 2 Minor ancillary building – prefabricated/proprietary	d	letails, including GIFA (m²)	% 0 m2	£ -	£ - £ - £ - £ - £ - £ - £ - £ -
8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2 8.8.1.3 8.8.2 8.8.2 8.8.2.1 8.8.2.2 8.8.3.3	1 Minor building works 2 Ancillary buildings and structures 3 Underpinning to external site	2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls 1 Minor ancillary building – built 2 Minor ancillary building – prefabricated/ proprietary 1 Underpinning to external site boundary walls	d		% 0 m2		£ - £ - £ - £ - £ - £ - £ - £ -
8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2 8.8.1.3 8.8.2 8.8.2.1 8.8.2.2 8.8.3.1 9 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 9.1.1	1 Minor building works 2 Ancillary buildings and structures 3 Underpinning to external site boundary walls 9 MAIN CONTRACTOR'S PRELIMINARIES	2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls 1 Minor ancillary building – built 2 Minor ancillary building – prefabricated/ proprietary 1 Underpinning to external site boundary walls	d	letails, including GIFA (m²)	% 0 m2		£ - £ - £ - £ - £ - £ - £ - £ -
8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2 8.8.1.3 8.8.2 8.8.2.1 8.8.2.2 8.8.3 8.8.3 8.8.3 9 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 9.1.1	2 Ancillary building works 2 Ancillary buildings and structures 3 Underpinning to external site boundary walls 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 Employer's requirements	2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls 1 Minor ancillary building – built 2 Minor ancillary building – prefabricated/ proprietary 1 Underpinning to external site boundary walls and the like 1 Site accommodation	d	letails, including GIFA (m²)	% 0 m2		£ - £ - £ - £ - £ - £ - £ - £ - £ - £ -
8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2 8.8.1.3 8.8.2 8.8.2.1 8.8.2.1 8.8.2.2 8.8.3 9.9 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 9.1.1 9.1.1.1 9.1.1.1	2 Ancillary building works 2 Ancillary buildings and structures 3 Underpinning to external site boundary walls 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 Employer's requirements	2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls 1 Minor ancillary building – built 2 Minor ancillary building – prefabricated/ proprietary 1 Underpinning to external site boundary walls and the like 1 Site accommodation 2 Furniture and equipment	d	letails, including GIFA (m²)	% 0 m2		£ - £ - £ - £ - £ - £ - £ - £ - £ - £ -
8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2 8.8.1.3 8.8.2 8.8.2.1 8.8.2.2 8.8.3 8.8.3 9 9 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 9.1.1 9.1.1.1 9.1.1.2 9.1.1.3	2 Ancillary building works 2 Ancillary buildings and structures 3 Underpinning to external site boundary walls 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 Employer's requirements 1 Site accommodation	2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls 1 Minor ancillary building – built 2 Minor ancillary building – prefabricated/ proprietary 1 Underpinning to external site boundary walls and the like 1 Site accommodation	d	letails, including GIFA (m²)	% 0 m2		£ - £ - £ - £ - £ - £ - £ - £ - £ - £ -
8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2 8.8.1.3 8.8.2 8.8.2.1 8.8.2.2 8.8.3.1 9 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 9.1.1 9.1.1.1 9.1.1.2 9.1.1.3 9.1.2	2 Ancillary building works 2 Ancillary buildings and structures 3 Underpinning to external site boundary walls 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 Employer's requirements	2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls 1 Minor ancillary building – built 2 Minor ancillary building – prefabricated/ proprietary 1 Underpinning to external site boundary walls and the like 1 Site accommodation 2 Furniture and equipment 3 Telecommunication and IT systems	d	letails, including GIFA (m²)	% 0 m2		£ - £ - £ - £ - £ - £ - £ - £ - £ - £ -
8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2 8.8.1.3 8.8.2 8.8.2.1 8.8.2.2 8.8.3.1 9 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 9.1.1 9.1.1.1 9.1.1.1 9.1.1.2 9.1.1.3 9.1.2 9.1.2.1	2 Ancillary building works 2 Ancillary buildings and structures 3 Underpinning to external site boundary walls 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 Employer's requirements 1 Site accommodation 2 Site records	2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls 1 Minor ancillary building – built 2 Minor ancillary building – prefabricated/ proprietary 1 Underpinning to external site boundary walls and the like 1 Site accommodation 2 Furniture and equipment	d	letails, including GIFA (m²)	% 0 m2		£ - £ - £ - £ - £ - £ - £ - £ - £ - £ -
8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2 8.8.1.3 8.8.2 8.8.2.1 8.8.2.2 8.8.3 8.8.3.1 9 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 9.1.1 9.1.1.1 9.1.1.2 9.1.1.3 9.1.2	2 Ancillary building works 2 Ancillary buildings and structures 3 Underpinning to external site boundary walls 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 Employer's requirements 1 Site accommodation	2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls 1 Minor ancillary building – built 2 Minor ancillary building – prefabricated/ proprietary 1 Underpinning to external site boundary walls and the like 1 Site accommodation 2 Furniture and equipment 3 Telecommunication and IT systems	d	letails, including GIFA (m²)	% 0 m2		£ - £ - £ - £ - £ - £ - £ - £ - £ - £ -
8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2 8.8.1.3 8.8.2 8.8.2.1 8.8.2.2 8.8.3.1 9 9 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 9.1.1 9.1.1.2 9.1.1.3 9.1.2 9.1.2.1 9.1.3 9.1.3 9.1.3.1	1 Minor building works 2 Ancillary buildings and structures 3 Underpinning to external site boundary walls 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 Employer's requirements 1 Site accommodation 2 Site records 3 Completion and post-completion	2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls 1 Minor ancillary building – built 2 Minor ancillary building – prefabricated/ proprietary 1 Underpinning to external site boundary walls and the like 1 Site accommodation 2 Furniture and equipment 3 Telecommunication and IT systems 1 Site records	d	letails, including GIFA (m²)	% 0 m2		£ - £ - £ - £ - £ - £ - £ - £ - £ - £ -
8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2 8.8.1.3 8.8.2 8.8.2.1 8.8.2.2 8.8.3.1 9 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 9.1.1 9.1.1.1 9.1.1.2 9.1.1.3 9.1.2.1 9.1.3 9.1.2 9.1.2.1 9.1.3 9.1.3	1 Minor building works 2 Ancillary buildings and structures 3 Underpinning to external site boundary walls 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 Employer's requirements 1 Site accommodation 2 Site records 3 Completion and post-completion requirements.	2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls 1 Minor ancillary building – built 2 Minor ancillary building – prefabricated/ proprietary 1 Underpinning to external site boundary walls and the like 1 Site accommodation 2 Furniture and equipment 3 Telecommunication and IT systems	d	letails, including GIFA (m²)	% 0 m2	£ -	£ - £ - £ - £ - £ - £ - £ - £ - £ - £ -
8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2 8.8.1.3 8.8.2 8.8.2.1 8.8.2.2 8.8.3 8.8.3.1 9 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 9.1.1 9.1.1.1 9.1.1.2 9.1.1.3 9.1.2.1 9.1.3.1 9.1.3.1 9.1.3.1	1 Minor building works 2 Ancillary buildings and structures 3 Underpinning to external site boundary walls 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 Employer's requirements 1 Site accommodation 2 Site records 3 Completion and post-completion requirements.	2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls 1 Minor ancillary building – built 2 Minor ancillary building – prefabricated/ proprietary 1 Underpinning to external site boundary walls and the like 1 Site accommodation 2 Furniture and equipment 3 Telecommunication and IT systems 1 Site records	d	letails, including GIFA (m²)	% 0 m2		£ - £ - £ - £ - £ - £ - £ - £ - £ - £ -
8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2 8.8.1.3 8.8.2 8.8.2.1 8.8.2.2 8.8.3.1 9 9 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 9.1.1 9.1.1.1 9.1.1.2 9.1.1.3 9.1.2.2 9.1.3.3 9.1.2.1 9.1.3.1 9.1.3.1 9.1.3.2 9.2 9.2.1	1 Minor building works 2 Ancillary buildings and structures 3 Underpinning to external site boundary walls 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 Employer's requirements 1 Site accommodation 2 Site records 3 Completion and post-completion requirements.	2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls 1 Minor ancillary building – built 2 Minor ancillary building – prefabricated/ proprietary 1 Underpinning to external site boundary walls and the like 1 Site accommodation 2 Furniture and equipment 3 Telecommunication and IT systems 1 Site records 1 Handover requirements 2 Operation and maintenance services	d	letails, including GIFA (m²)	% 0 m2	£ -	£ - £ - £ - £ - £ - £ - £ - £ - £ - £ -
8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2 8.8.1.3 8.8.2 8.8.2.1 8.8.2.2 8.8.2.1 8.8.2.2 8.8.3.1 9 9 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 9.1.1.1 9.1.1.1 9.1.1.2 9.1.1.3 9.1.2.1 9.1.3.1 9.1.3.1 9.1.3.2 9.2.1 9.2.1.1	1 Minor building works 2 Ancillary buildings and structures 3 Underpinning to external site boundary walls 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 Employer's requirements 1 Site accommodation 2 Site records 3 Completion and post-completion requirements.	2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls 1 Minor ancillary building – built 2 Minor ancillary building – prefabricated/ proprietary 1 Underpinning to external site boundary walls and the like 1 Site accommodation 2 Furniture and equipment 3 Telecommunication and IT systems 1 Site records 1 Handover requirements 2 Operation and maintenance services	d	letails, including GIFA (m²)	% 0 m2	£ -	£ - £ - £ - £ - £ - £ - £ - £ - £ - £ -
8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2 8.8.1.3 8.8.2 8.8.2.1 8.8.2.2 8.8.3 8.8.3.1 9 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 9.1.1 9.1.1.1 9.1.1.2 9.1.1.3 9.1.2.1 9.1.2.1 9.1.3.1 9.1.3.1 9.1.3.2 9.2.1 9.2.1.1 9.2.1.1 9.2.1.2 9.2.1.1 9.2.1.2 9.2.1.2	1 Minor building works 2 Ancillary buildings and structures 3 Underpinning to external site boundary walls 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 Employer's requirements 1 Site accommodation 2 Site records 3 Completion and post-completion requirements.	2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls 1 Minor ancillary building – built 2 Minor ancillary building – prefabricated/ proprietary 1 Underpinning to external site boundary walls and the like 1 Site accommodation 2 Furniture and equipment 3 Telecommunication and IT systems 1 Site records 1 Handover requirements 2 Operation and maintenance services 1 Project specific management and staff 2 Visiting management and staff 3 Extraordinary support costs	d	letails, including GIFA (m²)	% 0 m2	£ -	£ - £ - £ - £ - £ - £ - £ - £ - £ - £ -
8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2 8.8.1.3 8.8.2 8.8.2.1 8.8.2.2 8.8.3 8.8.3.1 9 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 9.1.1 9.1.1.1 9.1.1.2 9.1.1.3 9.1.2.1 9.1.3.1 9.1.2.9 9.1.2.1 9.1.3.1 9.1.3.1 9.1.3.2 9.2 9.2 9.2 9.2.1 9.2.1.1 9.2.1.2 9.2.1.3 9.2.1.4	1 Minor building works 2 Ancillary buildings and structures 3 Underpinning to external site boundary walls 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 Employer's requirements 1 Site accommodation 2 Site records 3 Completion and post-completion requirements. 9.2 Main contractor's cost items 1 Management and staff	2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls 1 Minor ancillary building – built 2 Minor ancillary building – prefabricated/ proprietary 1 Underpinning to external site boundary walls and the like 1 Site accommodation 2 Furniture and equipment 3 Telecommunication and IT systems 1 Site records 1 Handover requirements 2 Operation and maintenance services 1 Project specific management and staff 2 Visiting management and staff	d	letails, including GIFA (m²)	% 0 m2	£ -	£ - £ - £ - £ - £ - £ - £ - £ - £ - £ -
8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2 8.8.1.3 8.8.2 8.8.2.1 8.8.2.2 8.8.3 8.8.3.1 9 9 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 9.1.1.1 9.1.1.2 9.1.1.3 9.1.2.1 9.1.2.1 9.1.3.1 9.1.3.1 9.1.3.2 9.2 9.2.1 9.2.1.1 9.2.1.1 9.2.1.4 9.2.2	1 Minor building works 2 Ancillary buildings and structures 3 Underpinning to external site boundary walls 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 Employer's requirements 1 Site accommodation 2 Site records 3 Completion and post-completion requirements.	2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls 1 Minor ancillary building – built 2 Minor ancillary building – prefabricated/ proprietary 1 Underpinning to external site boundary walls and the like 1 Site accommodation 2 Furniture and equipment 3 Telecommunication and IT systems 1 Site records 1 Handover requirements 2 Operation and maintenance services 1 Project specific management and staff 2 Visiting management and staff 3 Extraordinary support costs 4 Staff travel	d	letails, including GIFA (m²)	% 0 m2	£ -	£ - £ - £ - £ - £ - £ - £ - £ - £ - £ -
8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2 8.8.1.3 8.8.2 8.8.2.1 8.8.2.2 8.8.3 8.8.3.1 9 9 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 9.1.1 9.1.1.2 9.1.1.3 9.1.2 9.1.1.3 9.1.2 9.1.2.1 9.1.3 9.1.2 9.1.2.1 9.1.3 9.1.2 9.1.1.1 9.1.3.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9	1 Minor building works 2 Ancillary buildings and structures 3 Underpinning to external site boundary walls 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 Employer's requirements 1 Site accommodation 2 Site records 3 Completion and post-completion requirements. 9.2 Main contractor's cost items 1 Management and staff	2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls 1 Minor ancillary building – built 2 Minor ancillary building – prefabricated/ proprietary 1 Underpinning to external site boundary walls and the like 1 Site accommodation 2 Furniture and equipment 3 Telecommunication and IT systems 1 Site records 1 Handover requirements 2 Operation and maintenance services 1 Project specific management and staff 2 Visiting management and staff 3 Extraordinary support costs 4 Staff travel 1 Site accommodation	d	letails, including GIFA (m²)	% 0 m2	£ -	£ - £ - £ - £ - £ - £ - £ - £ - £ - £ -
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8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2 8.8.1.3 8.8.2 8.8.2.1 8.8.2.2 8.8.3.1 9 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 9.1.1 9.1.1.1 9.1.1.2 9.1.1.3 9.1.2 9.1.2.1 9.1.3 9.1.2 9.1.2.1 9.1.3.3 9.1.2 9.1.2.1 9.1.3.9 9.1.2.1 9.1.3.9 9.2.1 9.2.1.1 9.2.1.2 9.2.1.3 9.2.1.4 9.2.2.2 9.2.2.1	1 Minor building works 2 Ancillary buildings and structures 3 Underpinning to external site boundary walls 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 Employer's requirements 1 Site accommodation 2 Site records 3 Completion and post-completion requirements. 9.2 Main contractor's cost items 1 Management and staff	2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls 1 Minor ancillary building – built 2 Minor ancillary building – prefabricated/ proprietary 1 Underpinning to external site boundary walls and the like 1 Site accommodation 2 Furniture and equipment 3 Telecommunication and IT systems 1 Site records 1 Handover requirements 2 Operation and maintenance services 1 Project specific management and staff 2 Visiting management and staff 3 Extraordinary support costs 4 Staff travel 1 Site accommodation 2 Temporary works in connection with site establishment	d	letails, including GIFA (m²)	% 0 m2	£ -	£ - £ - £ - £ - £ - £ - £ - £ - £ - £ -
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8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2 8.8.1.3 8.8.2 8.8.2.1 8.8.2.2 8.8.3.1 9 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 9.1.1 9.1.1.1 9.1.1.1 9.1.1.2 9.1.1.3 9.1.2 9.1.2.1 9.1.3 9.1.2 9.1.2.1 9.1.3 9.1.2 9.1.2.1 9.1.3 9.1.2 9.2.1 9.2.1 9.2.1 9.2.1 9.2.1 9.2.1 9.2.1 9.2.1 9.2.2 9.2.2.1 9.2.2.3 9.2.2.4 9.2.2.5 9.2.2.6	1 Minor building works 2 Ancillary buildings and structures 3 Underpinning to external site boundary walls 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 Employer's requirements 1 Site accommodation 2 Site records 3 Completion and post-completion requirements. 9.2 Main contractor's cost items 1 Management and staff	2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls 1 Minor ancillary building – built 2 Minor ancillary building – prefabricated/ proprietary 1 Underpinning to external site boundary walls and the like 1 Site accommodation 2 Furniture and equipment 3 Telecommunication and IT systems 1 Site records 1 Handover requirements 2 Operation and maintenance services 1 Project specific management and staff 2 Visiting management and staff 3 Extraordinary support costs 4 Staff travel 1 Site accommodation 2 Temporary works in connection with site establishment 3 Furniture and equipment 4 IT systems 5 Consumables and services 6 Brought in services	d	letails, including GIFA (m²)	% 0 m2	£ -	£ -
8.7.13.2 8.8 8.8.1 8.8.1.1 8.8.1.2 8.8.1.3 8.8.2 8.8.2.1 8.8.2.2 8.8.3.1 9 9 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 9.1.1 9.1.1.2 9.1.1.3 9.1.2 9.1.2.1 9.1.3 9.1.2 9.1.2.1 9.1.3 9.1.3.1 9.1.3.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9	1 Minor building works 2 Ancillary buildings and structures 3 Underpinning to external site boundary walls 9 MAIN CONTRACTOR'S PRELIMINARIES 9.1 Employer's requirements 1 Site accommodation 2 Site records 3 Completion and post-completion requirements. 9.2 Main contractor's cost items 1 Management and staff	2 Commissioning 1 Refurbishment of existing ancillary buildings 2 Overhauling existing mechanical and electrical plant and equipment 3 Repairs to existing fences, railings, walls and screen walls 1 Minor ancillary building – built 2 Minor ancillary building – prefabricated/ proprietary 1 Underpinning to external site boundary walls and the like 1 Site accommodation 2 Furniture and equipment 3 Telecommunication and IT systems 1 Site records 1 Handover requirements 2 Operation and maintenance services 1 Project specific management and staff 2 Visiting management and staff 3 Extraordinary support costs 4 Staff travel 1 Site accommodation 2 Temporary works in connection with site establishment 3 Furniture and equipment 4 IT systems 5 Consumables and services	d	letails, including GIFA (m²)	% 0 m2	£ -	£ -

9.2 .3 .1		1 Temporary water supply			£ -
9.2 .3 .2		2 Temporary gas supply			
9.2 .3 .3		3 Temporary electricity supply			<u>£</u> -
9.2 .3 .4		4 Temporary telecommunication systems			£ -
9.2 .3 .5		5 Temporary drainage			£ -
9.2 .4	4 Security				
9.2 .4 .1	·	1 Security staff			£ -
9.2 .4 .2		2 Security equipment			£ -
9.2 .4 .3		3 Hoardings, fences and gates			£ -
9.2 .5	5 Safety and envir	onmental protection			
3.2.3	s safet, and emin	ominental protection			
9.2 .5 .1		1 Safety programme			f -
9.2 .5 .2		2 Barriers and safety scaffolding			f -
9.2 .5 .3					f -
9.2 .5 .5	6 Control and are	3 Environmental protection measures			I -
9.2.6	6 Control and pro				f -
9.2 .6 .1		1 Surveys, inspections and monitoring			
9.2 .6 .2		2 Setting out			<u>f</u> -
9.2 .6 .3		3 Protection of works			<u>f</u> -
9.2 .6 .4		4 Samples			<u>f</u> -
9.2 .6 .5		5 Environmental control of building			f -
9.2 .7	7 Mechanical plan				
9.2 .7 .1		1 Generally			£ -
9.2 .7 .2		2 Tower cranes			£ -
9.2 .7 .3		3 Mobile cranes			<u>f</u> -
9.2 .7 .4		4 Hoists			£ -
9.2 .7 .5		5 Access plant			£ -
9.2 .7 .6		6 Concrete plant			£ -
9.2 .7 .7		7 Other plant			£ -
9.2 .8	8 Temporary work				
9.2 .8 .1	o remperary work	1 Access scaffolding			f -
9.2 .8 .2		2 Temporary works			f -
9.2 .9	9 Site records	2 Temporary works			
9.2 .9 .1	5 site records	1 Cita			f -
	40.000	1 Site records			£ -
9.2 .10		d post-completion			
	requirements				
9.2 .10.1		1 Testing and commissioning plan			£ -
9.2 .10.2		2 Handover			f -
9.2 .10.3		3 Post-completion services			£ -
9.2 .11	11 Cleaning				
9.2 .11.1		1 Site tidy			<u>£</u> -
9.2 .11.2		2 Maintenance of roads, paths and pavings			<u>f</u> -
9.2 .11.3		3 Building clean			£ -
9.2 .12	12 Fees and charg				
9.2 .12.1		1 Fees			f -
9.2 .12.2		2 Charges			£ -
9.2 .13	13 Site services				
9.2 .13.1	25 016 501 1665	1 Temporary works			f -
9.2 .13.2		2 Multi-service gang			f -
9.2 .14	M lacurance has				L -
J.L .14	warranties.	ds, guarantees and			
0.2.14.1	warranties.	1 Works income			
9.2 .14.1		1 Works insurances			<u>f</u> -
9.2 .14.2		2 Public liability insurances			<u>f</u> -
9.2 .14.3		3 Employer's (main contractor's) liability			<u>f</u> -
		insurances			
9.2 .14.4		4 Other insurances			£ -
9.2 .14.5		5 Bonds			£ -
9.2 .14.6		6 Guarantees			£ -
9.2 .14.7		7 Warranties			£ -
10	0 MAIN CONTRACTOR'S OVERHEADS AND PROFIT 10 MAIN CONTRACTOR'S OVERHEADS AND PROFIT		Gross Inte	ernal Floor Area 0	m2 £ -
				-	