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gladeassociates

Draft Bill of Quantities

Site Preparation

September 2015

<p>SITE PREPARATION</p> <p>INFORMATION</p> <p><u>Measurement note</u></p> <p>Drawings used for proposed layout : TPM 1966 03 Rev E</p> <p>Drawings used for proposed levels : calderpeel (90) 110</p> <p>Drawing used for existing levels and layout : topographical survey 1 of 2 and 2 of 2 (no drawing number)</p> <p>All excavated subsoil is assumed not acceptable for re-use (estimators check required)</p> <p>A 150 thick topsoil strip has been ASSUMED (estimators check required)</p> <p>A CBR rating of 3% has been ASSUMED (estimators check required)</p> <p>C10: DEMOLISHING STRUCTURES</p> <p><u>Various locations on site</u></p> <p>Demolishing street furniture and fencing down to concrete slab level; to include the following</p>						
A	container; area on plan 15m2 approximately overall; * high; allow all associated work	1 Item	UNP			
B	container; area on plan 25m2 approximately overall; * high; allow all associated work	1 Item	UNP			
C	container; area on plan 37m2 approximately overall; * high; allow all associated work	1 Item	UNP			
D	shed; area on plan 4m2 approximately overall; * high; allow all associated work	1 Item	UNP			
E	columns and foundations; 19nr approximately overall; allow all associated work	1 Item	UNP			
F	bin and foundations; 1nr approximately overall; allow all associated work	1 Item	UNP			
				0	00	

C10: DEMOLISHING STRUCTURES					
<u>Various locations on site</u>					
Demolishing street furniture and fencing down to concrete slab level; to include the following					
A	vehicular gate and associated posts and foundations; 4m long approximately overall; allow all associated work	1 Item	UNP		
B	walls including grubbing up associated substructures and foundations; 0.30m high; 11m long approximately overall; allow all associated work	1 Item	UNP		
C	walls including grubbing up associated substructures and foundations; 0.55m high; 3m long approximately overall; allow all associated work	1 Item	UNP		
D	walls including grubbing up associated substructures and foundations; 0.90m high; 55m long approximately overall; allow all associated work	1 Item	UNP		
E	walls including grubbing up associated substructures and foundations; * high; 25m long approximately overall; allow all associated work	1 Item	UNP		
F	steps; including grubbing up associated substructures and foundations; 0.85m high; 1.25m long x 2.50m wide approximately overall; allow all associated work	1 Item	UNP		
G	steps; including grubbing up associated substructures and foundations; 0.35 high; 2.40m long x 3.60m wide approximately overall; allow all associated work	1 Item	UNP		
H	steps; including grubbing up associated substructures and foundations; 1.08 high; 2.40m long x 3.10m wide approximately overall; allow all associated work	1 Item	UNP		
J	steps; including grubbing up associated substructures and foundations; * high; 3.00m long x 1.15m wide approximately overall; allow all associated work	1 Item	UNP		
				0	00

C10: DEMOLISHING STRUCTURES					
<u>Various locations on site</u>					
Demolishing street furniture and fencing down to concrete slab level; to include the following					
A	steps; including grubbing up associated substructures and foundations; * high; 3.65m long x .85m wide approximately overall; allow all associated work	1 Item	UNP		
B	sundry additional demolition apparent from site visit	1 item	UNP		
Existing services installations					
C	carry out CAT scan survey; locate and record positions of existing cables; services; pipes and the like ASSUMED (ignore if not required)	1 item	UNP		
D	disconnect, seal, divert and make safe as necessary ASSUMED (ignore if not required)	1 item	UNP		
D20: EXCAVATING AND FILLING					
<u>Site preparation</u>					
Breaking out hard materials contained within fill zone; to include					
E	breaking up existing blacktop; 190 thick; ASSUMED THICKNESS	175 m2	UNP		
Clearing site vegetation; filling voids left by removal of roots with selected material arising from excavation; removal of debris from site					
F	bushes, scrub, undergrowth, hedges, trees and tree stumps upto 1500 girth	26,301 m2	UNP		
<u>Excavating</u>					
Top soil for preservation					
G	average depth 150mm	11,734 m2	UNP		
To reduce levels					
H	any depth; APPROXIMATE QUANTITY	18,105 m3	UNP		
				0	00

D20: EXCAVATING AND FILLING					
Excavating					
To reduce levels					
A	extra; breaking up existing tarmacadam and sub-base under APPROXIMATE QUANTITY	6,612 m2	UNP		
B	extra; breaking up existing concrete surfacing and sub-base under APPROXIMATE QUANTITY	159 m2	UNP		
C	extra; breaking up existing concrete floor slab and sub-base under APPROXIMATE QUANTITY	1,160 m2	UNP		
D	extra; breaking up existing concrete paving setts and sub-base under APPROXIMATE QUANTITY	431 m2	UNP		
E	breaking out and removal of precast concrete kerbs and edgings and associated foundations and haunchings APPROXIMATE QUANTITY	859 m	UNP		
Contractors' ground risk items; comprehensive allowances for any missing measurable items and all additional work required in respect of the following risks					
F	soft / dessicated ground; excavation; disposal; filling with mass concrete grade C*	1 Item	UNP		
G	breaking out obstructions; extra over any types of excavation irrespective of depth; any type of obstruction	1 Item	UNP		
H	services; in relation to all earthworks operations carried out adjacent / across / beneath / around services crossing the site; any supply; at any depth	1 Item	UNP		
J	drainage; in relation to all earthworks operations carried out adjacent / across / beneath / around services crossing the site; any supply; at any depth	1 Item	UNP		
K	ground water; in relation to all earthworks operations carried out below ground water level; at any depth; pre-contract level not defined / de-watering proposals not advised	1 Item	UNP		
				0	00

D20: EXCAVATING AND FILLING					
Excavating					
Contractors' ground risk items; comprehensive allowances for any missing measurable items and all additional work required in respect of the following risks					
A	handling and disposal of any contaminated material	1 Item	UNP		
Disposal					
Disposal of excavated material					
B	depositing on site in temporary mounds ASSUMED (ignore if not required)	18,105 m3	UNP		
Ultimate disposal of excavated material					
C	on or off site at contractors discretion	16,365 m3	UNP		
Disposal of broken out material within fill zone					
D	depositing on site in temporary mounds	33 m3	UNP		
Disposal of excavated preserved topsoil					
E	depositing on site in temporary mounds	1,610 m3	UNP		
Ultimate disposal of excavated preserved topsoil					
F	either disposal off site, disposal on site, or allow credit against imported topsoil requirement as measured within the Siteworks element	1,610 m3	UNP		
Surface Treatments					
Herbicidal treatments					
G	treating surfaces of ground with two applications of weedkiller (areas to receive hard pavings only)	8,410 m ²	UNP		
Selected excavated material obtained from on site spoil heaps					
Filling to make up levels					
				0	00

D20: EXCAVATING AND FILLING					
<u>Selected excavated material obtained from on site spoil heaps</u>					
Filling to make up levels					
A	average thickness exceeding 0.25m; compacting in 150 layers APPROXIMATE QUANTITY	1,739 m3	UNP		
B	average thickness exceeding 0.25m; compacting in 150 layers APPROXIMATE QUANTITY; WITHIN FILL ZONE	33 m ³	UNP		
				0	00

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Final Summary

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