

Trade Breakup

Item	Item Description	Qty	Unit	Tender Rate	Amount (Excl. Vat)	ELEMENTAL TOTALS / COMMENTS
SUMMARY						
1	PRELIMINARIES	1.00	item		-	
2	DEMOLITION AND ALTERATIONS	1.00	item		-	
4	ROADS, PATHS, PAVINGS	1.00	item		-	
5	SITE SERVICES, PIPED, DUCTED	1.00	item		-	
6	LANDSCAPING	1.00	item		-	
	Sub total				-	
	Add VAT			13.50%	€0.00	
	Total including VAT				€0.00	
<i>Trade :</i>						
<u>PRELIMINARIES</u>						
<u>Information</u>						
	The work detailed hereunder are to be rated in accordance with the tender drawings		NOID		-	
1	Project Supervisor Construction Stage (PSCS) - Supervision and Co Ordinaion of the works	1.00	item		-	
2	General Skips/Wate disposal	1.00	item		-	
3	Site setup - Contractors cabins, welfare facilities, storage	1.00	item		-	
4	Scaffolding - erection, adaption and removal	1.00	item		-	
5	Hoist and plant	1.00	item		-	
6	Health and Safety	1.00	item		-	
7	Insurances	1.00	item		-	
8	Tempoary hoarding (Installation and removal upon comletion)	1.00	item		-	
9	Site administration	1.00	item		-	
10	Security	1.00	item		-	
11	Protection of the works from the elements as necessary	1.00	item		-	
12	Protection of the works generally	1.00	item		-	
13	Temporary lighting and power for the works	1.00	item		-	
14	Tempoary works design	1.00	item		-	
15	Traffic Management	1.00	item		-	

						ELEMENTAL TOTALS /	
Item	Item Description	Qty	Unit	Tender Rate	Amount (Excl. Vat)	COMMENTS	
					-		
16	Utility fees	1.00	item		-	by client	
17	Builders clean upon completion	1.00	item		-		
18	Testing	1.00	item		-		
19	Allow here for any other Preliminaries necessary for completion of the works	1.00	item		-		
PRELIMINARIES					-		
DEMOLITION AND ALTERATIONS					-		
Existing property					-		
	Remove existing precast concrete kerbing and dispose on site	160.00	m		-		
	Remove existing tree stump and dispose on site; large stump; girth not exceeding 1.5m	1.00	no		-		
	Remove existing trees and set aside in store provided by employer; girth not exceeding 150mm	12.00	no		-	by client	
	Remove existing Picnic benches and set aside in store provided by employer; girth not exceeding 150mm	2.00	no		-	by client	
	Remove existing memorial plaque and set aside in store provided by employer; girth not exceeding 150mm	1.00	no		-	by client	
	Remove existing surface water road gullies; dispose on site and back fill with acceptable material	3.00	no		-		
	Remove / Alter existing surface water drainage runs; dispose on site and backfill with acceptable material	1.00	item		-		
	Connecting existing surface water lines into new surface water line	2.00	no		-		
	Remove existing surface water Manholes; dispose on site and backfill with acceptable material	1.00	no		-		
	Alter / Support existing watermain during attenuation tank excavation	1.00	item		-		
DEMOLITIONS AND ALTERATIONS					-		
SITE CLEARANCE					-		
ALL PROVISIONAL					-		
Information					-		
1	The work detailed hereunder includes all works required up to and including the ground floor slab of the new works.		NOID		-		
2	The works are detailed on the architects and Engineers Drawings		NOID		-		

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					-	
3	This element has not been measured strictly in accordance with the Agreed Rules of Measurement, Fourth Edition 2009.		NOID		-	
					-	
4	The contractor is advised to visit the site to ascertain the nature of the work involved		NOID		-	
	<u>EXCAVATION AND EARTHWORK</u>				-	
	<u>EXCAVATION</u>				-	
	<u>Excavation</u>				-	
					-	
	Site Stripping; allow for stripping the site for the new carpark				-	
					-	
8	plaining down existing hard surfaces; approximately 70mm, including disposal on site as necessary	2,606.40	m2		-	
	stripping site vegetation	926.72	m2		-	
	stripping topsoil; not exceeding 300mm deep	926.72	m2		-	
	reduced level dig not exceeding 750mm deep (below existing green area)	648.70	m3		-	
	Soft spots				-	
9	As required	20.00	m3		-	
	<u>Disposal</u>				-	
	Water				-	
10	surface water	1.00	Item		-	
	<u>Excavated material</u>				-	
					-	
11	storing on site for reuse in temporary spoil heaps (topsoil)	278.02	m3		-	
					-	
11	storing on site in temporary spoil heaps at adjacent lands owned by the employer (reduced level dig material)	668.70	m3		-	
					-	
	off site, reduced level dig material		m3		-	n/a remaining on site on lands owned by the employer
	Allow for shaping and sealing stock piles	1.00	item		-	
					-	
	<u>ROADS, PATHS, PAVINGS (40)</u>				-	
	<u>EXCAVATION AND EARTHWORKS</u>				-	
	<u>EXCAVATIONS</u>				-	
					-	
	<u>Filling; hardcore crushed rock filling 6F2 of the DOE specification for granular sub base materials; compacting in max 225mm thick layers</u>				-	
					-	
	To make up levels not exceeding 250mm deep				-	
					-	

Item	Item Description	Qty	Unit	Tender Rate	Amount (Excl. Vat)	ELEMENTAL TOTALS / COMMENTS
1	average thickness exceeding 250mm (carpark)	355.13	m3		-	
1	average thickness exceeding 250mm (public paths)	86.98	m3		-	
	<u>Filling: hardcore crushed rock filling to clause 804 of the DOE specification for granular sub base materials; compacting in max 225mm thick layers</u>				-	
	To make up levels not exceeding 250mm deep				-	
1	average thickness not exceeding 250mm (carpark)	177.56	m3		-	
1	average thickness not exceeding 250mm (public paths)	87.89	m3		-	
	<u>TARMACADAM</u>				-	
	<u>Tac coat</u>				-	
	carpark area	2,652.80	m2		-	
	<u>Surface finish</u>				-	
	Detail P1 - Base layer 60mm thick AC32 dense base 70/100 des, Surface layer 40mm thick AC 14 close surf 70/100 des carpark area (at existing green area, new sub base)	788.16	m2		-	
	Detail P2 - Regulating layer - 30mm average thick AC20 dense base 70/100 des; Surface layer 40mm thick AC14 close surf 70/100 des				-	
	carpark area (at existing carpark area, on existing sub base)	1,864.64	m2		-	
	Table top ramp areas at pathway road crossings as per drawings	2.00	no		-	
	Allow here for sealing and jointing new tar surfaces to existing tar surfaces	1.00	item		-	
	<u>CONCRETE WORK:</u>				-	
	<u>IN-SITU CONCRETE</u>				-	
	<u>In-situ concrete grade 30N, min cement content 300kg/Cu.m, W/C ratio 0.60, max. aggregate size 20mm; reinforced and vibrated</u>				-	
	Paths				-	
3	100mm thickness;	60.19	m3		-	
	<u>REINFORCEMENT</u>				-	
	Fabric reinforcement minimum 150mm side and end laps; laps not included				-	
5	reference A393	32.00	m2		-	
	<u>SUNDRIES</u>				-	
	<u>Surface finishes</u>				-	
	Brush finish ; in accordance with Engineers Specifications				-	

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Item	Item Description	Qty	Unit	Tender Rate	Amount (Excl. Vat)	ELEMENTAL TOTALS / COMMENTS
	Pipes				-	
1	average 1000mm-1500 mm deep (gully connections)	86.40	m		-	
	average 1000mm-1500mm deep	4.80	m		-	
	average 1500mm-2000mm deep	124.00	m		-	
1	average 2000mm-2500mm deep	42.40	m		-	
	e/o				-	
	crossing existing services	1.00	no		-	
	Parallel to existing services	10.00	m		-	
	<u>Disposal</u>				-	
	Water				-	
2	surface water	1.00	Item		-	
	ground water	1.00	Item		-	
	<u>Selected sand</u>				-	
	Beds and surround to pipework				-	
3	400mm x 400mm; 100mm diameter pipework	86.40	m		-	
3	650mm x 650mm; 225mm diameter pipework	171.20	m		-	
	<u>Pipes; Wavin sewer or other equal and approved product; push ring joints in the running lengths</u>				-	
	To trenches				-	
5	100mm diameter pipes	86.40	m		-	
5	250mm diameter pipes	171.20	m		-	
	<u>uP.V.C. Accessories</u>				-	
	Wavin or other equal and approved; jointing to pipes in accordance with the manufacturer's instructions				-	
6	100mm y bends	20.00	Nr.		-	
6	225mm y bends	10.00	Nr.		-	
	<u>Precast concrete road gullies; excavate, dispose off site; back fill around precast unit</u>				-	
	not exceeding 1000mm deep;	14.00	nr		-	
	e/o				-	
	cover including raising to final tar level as necessary; 450mm x				-	
6	450mm; D400	14.00	nr		-	
	<u>Precast manholes with perfect bases; 1200mm diameter; excavate, dispose on site on lands owned by the employer; back fill around precast unit</u>				-	
	e/o				-	
	average 500mm-1000 mm deep	1.00	no		-	
	average 1000mm-1500 mm deep	2.00	no		-	
	average 1500mm-2000mm deep	2.00	no		-	
	average 2000mm-2500mm deep	3.00	no		-	
	<u>e/o</u>				-	
	Allowance for connection into existing surface water pipework and forming manhole on existing line at S00	1.00	item		-	
	Flow control devices at S10	1.00	no		-	

Item	Item Description	Qty	Unit	Tender Rate	Amount (Excl. Vat)	ELEMENTAL TOTALS / COMMENTS
	Cover including raising to final tar level as necessary; 600mm diameter D400	8.00	nr		-	-
					-	-
	PETROL INTERCEPTOR				-	-
	<u>Excavation</u>				-	-
	not exceeding 3500mm deep	101.50	m2		-	-
	<u>Disposal</u>				-	-
	excavated material on site in temporary stock pile	101.50	m3		-	-
	excavated material off site	-	m3		-	n/a remaining on site on lands owned by the employer
	Ground water	1.00	item		-	-
	<u>Concrete slab base of interceptor</u>				-	-
	Filling and blinding to base; 250mm thick	6.00	m2		-	-
	Formwork	20.00	m		-	-
	Mesh	24.00	m2		-	-
	Concrete to slab; 200mm thick	4.80	m3		-	-
	Surface finish	24.00	m2		-	-
					-	-
	Petrol interceptor NSBP003 by pass separator or equal and approved	1.00	item		-	-
	Lean mix surround to interceptor	25.00	m2		-	-
	<u>Concrete slab top of interceptor</u>				-	-
	Mesh	24.00	m2		-	-
	Concrete to slab; 175mm thick	4.20	m3		-	-
	Surface finish	24.00	m2		-	-
	Forming manholes to top of interceptor including additional concrete and rebar	1.00	no		-	-
	cover including raising to final tar level as necessary; 600mm diameter D400	1.00	nr		-	-
					-	-
	ATTENUATION TANK				-	-
	<u>Excavation</u>				-	-
	not exceeding 2500mm deep	1,042.60	m3		-	-
	<u>Disposal</u>				-	-
	excavated material on site in temporary stock pile	1,042.60	m3		-	-
	excavated material off site	-	m3		-	n/a remaining on site on lands owned by the employer
	Ground water	1.00	item		-	-
					-	-
	Attenuation storage; SC 800 - Hydrochambers ; 72 no; storage capacity 270m3	1.00	item		-	-
	Geotextile membrane	802.00	m2		-	-
					-	-
	Stone filling to base, surround and over Hydro chambers	541.26	m2		-	-
	<u>Testing surface water system</u>				-	-
	Allowance for testing	1.00	item		-	-

Item	Item Description	Qty	Unit	Tender Rate	Amount (Excl. Vat)	ELEMENTAL TOTALS / COMMENTS
	CCTV and jetting	1.00	item		-	
					-	
					-	
	<u>SITE SERVICES (PIPED, DUCTED) (ELECTRICAL)</u>				-	
	<u>DUCTING</u>				-	
	<u>DUCTING</u>				-	
	<u>FOR SERVICES (EV CHARGING & PL)</u>				-	
					-	
	<u>Excavating trenches for duct pipes not exceeding 100mm nominal diameter; 2no 100mm duct; backfilling above covering to pipes with clause 804 filling; disposal of surplus excavated materials off site</u>				-	
					-	
	Pipes				-	
					-	
1	average 1000 mm deep	201.60	m		-	
	e/o				-	
	crossing existing services	3.00	no		-	
					-	
	Road crossing to existing building including reinstatement complete	1.00	item		-	
					-	
	<u>Disposal</u>				-	
					-	
	Water				-	
					-	
2	surface water		Item		-	
					-	
	<u>Selected sand</u>				-	
					-	
	Beds and surrounds to 100mm diameter pipework				-	
					-	
3	300mm x 300mm thick	403.20	m		-	
					-	
	<u>Pipes; 125mm red Duct or other equal and approved product; push ring joints in the running lengths</u>				-	
					-	
	To trenches				-	
					-	
5	100mm diameter pipes; incl pull chord as required	403.20	m		-	
					-	
	<u>Chambers</u>				-	
					-	
	STAKKAbOX chamber or equal approved				-	
					-	
5	600 x 600	9.00	no		-	
					-	
	<u>Sleeves for Lighting poles</u>				-	
					-	
	As per specification				-	
					-	
5	300mm PVC pipe sleeve; not exceeding 1500mm deep	5.00	no		-	
					-	
	LIGHTING COLUMNS				-	
					-	
	not exceeding 8 m high including all wiring and electrical works as per Electric skyline layout	5.00	no		-	
					-	
	TESTING				-	
					-	
	Proofing of ducts as required	1.00	item		-	

[illegible]