

MONTREAL FEEDER ROAD

PART 1: General Items

Item No.	CESMM3 Code No.	Description of Works	Unit	Quantity	Rate (Euro)	Amount (Euro)
		<u>CONTRACTUAL REQUIREMENTS</u>				
1.1	A110	Performance Bond	sum	1		
1.2	A120	Insurance of the Works	sum	1		
1.3	A130	Third Party Insurance	sum	1		
		<u>SPECIFIED REQUIREMENTS</u>				
		<u>Attendance upon the Engineer's staff</u>				
1.4	A243	Assistant for Engineer's Laboratory	mon	1		
		<u>Temporary Works</u>				
1.5	A272	General traffic regulation and existing surface maintenance	sum	1		
		<u>Organization, Surveys and Records</u>				
1.6	A280.1	Traffic Management Plan	sum	1		
1.7	A280.2	Environmental Management Plan	sum	1		
1.8	A280.3	Project sign boards	sum	1		
1.9	A280.4	Survey and staking out of road centreline and verification of pavement elevations	sum	1		
1.10	A280.5	Preparation of "as constructed" drawings	sum	1		

PART 2: Demolition and Clearance

Item No.	CESMM3 Code No.	Description of Works	Unit	Quantity	Rate (Euro)	Amount (Euro)
		<u>GENERAL CLEARANCE</u>				
2.1	D100	General site clearance including vegetation removal, grubbing of trees and stumps [girth < 0.5m]	ha	0.5		
		<u>TREES</u>				
2.2	D290	Fell and remove trees [girth > 0.5m]	nr	0		
		<u>OTHER STRUCTURES</u>				
		<u>Concrete</u>				
2.3	D521.1	Break out and remove existing concrete curbs and gutters (slipper channels)	m	20		
2.4	D521.2	Break out and remove existing concrete lined ditches and 'U' (box) drains	m	20		
2.5	D521.4	Break out and remove existing concrete shoulder materials - average thickness 75 mm	m ²	0		
SUB TOTAL						

PART 3: Earthworks

Item No.	CESMM3 Code No.	Description of Works	Unit	Quantity	Rate (Euro)	Amount (Euro)
		<u>EXCAVATION FOR CUTTINGS</u>				
		<u>Topsoil</u>				
3.1	E211	Excavation for cuttings; topsoil; haul to stockpile for re-use or disposal as directed	m ³	0		
		<u>Material other than topsoil and rock</u>				
3.2	E229.1	Excavation for cutting; 'common' material to any depth and any distance for re-use in embankment or disposal as directed	m ³	175		
3.3	E229.2	Excavation for cutting; material from borrow pits for use in embankment	m ³	0		
		<u>Rock</u>				
3.4	E239	Excavation for cutting; rock to any depth for re-use in embankment or disposal as directed	m ³	0		
		<u>EXCAVATION ANCILLARIES</u>				
		<u>Trimming of excavated surfaces</u>				
3.5	E512	Trimming of cut slopes other than rock	m ²	0		
3.6	E513	Trimming of cut slopes in rock material	m ²	0		
		<u>Preparation of excavated surfaces</u>				
3.7	E522	Preparation of excavated surface in material other than rock	m ²	0		
3.8	E523	Preparation of excavated surface in rock	m ²	0		

PART 4: Pavements

Item No.	CESMM3 Code No.	Description of Works	Unit	Quantity	Rate (Euro)	Amount (Euro)
		<u>DEMOLITION</u>				
4.1	D576	Break up existing DBST and shoulder surfaces - average thickness 125 mm	m ²	6,048		
4.2	D571.1	Break up and remove existing concrete/soil cement pavement and shoulder surfaces - average thickness 100 mm	m ²	50		
		<u>SUB-BASES, FLEXIBLE ROAD BASES AND SURFACING</u>				
		<u>Base materials</u>				
4.3	R115	Crushed soil aggregate (tarish) base course, depth 125 mm	m ²	6,000		
		<u>Sub - base</u>				
4.4	R115.1	Sub - base course, depth 125 mm	m ²	8,880		
		<u>FIBRE-REINFORCED CONCRETE PAVEMENT</u>				
		<u>Surface Courses</u>				
4.5	R434	Concrete slab reinf. with A142 mesh, min. 125 mm thk., Grade 20, max agg 25mm	m ²	6000		
		<u>Regulating Courses (incl Wheel track infill)</u>				
4.6	R189	Granular material (leveling)	m ³	600		
		<u>MISCELLANEOUS WORK</u>				
		<u>Surface repairs</u>				
4.7	X500.1	Repair of surface potholes in DBST - shallow depth [< 150 mm]	m ²	20		
4.8	X500.2	Repair of surface potholes in DBST - full depth [>150 mm]	m ²	50		
4.9	X500.3	Repair of surface potholes in Concrete/Soil cement - shallow depth [< 150 mm]	m ²	0		
4.10	X500.4	Repair of surface potholes in Concrete/Soil cement - full depth [> 150 mm]	m ²	0		
SUB TOTAL						

PART 5: Culverts and Drainage

Item No.	CESMM3 Code No.	Description of Works	Unit	Quantity	Rate (Euro)	Amount (Euro)
		<u>DEMOLITION AND SITE CLEARANCE</u>				
		<u>Pipelines</u>				
5.1	D620	Pipelines; Nominal Bore 300-500 mm	m	0		
5.2	D630	Pipelines; Nominal bore; exceeding 500 mm	m	0		
		<u>Headwalls and Wingwalls</u>				
5.3	D521	Concrete Culvert Inlet and Outlet Including Headwalls and wingwalls	sum	0		
		<u>PROVISION OF CONCRETE</u>				
5.4	F299.1	Concrete - 15 MPa in pipe culvert surround, 20 mm aggregate	m ³	10		
5.5	F299.2	Concrete - 21MPa for headwall, wingwalls, inlet and outlet footings drain 20 mm aggregate	m ³	20		
		<u>PLACING OF CONCRETE</u>				
		<u>Mass</u>				
5.6	F580.1	Concrete - 15 MPa in pipe culvert surround	m ³	10		
5.7	F580.2	Concrete - 21 MPa in headwall, wingwall, inlet and outlet footing	m ³	20		
		<u>PIPEWORK</u>				
5.8	I249.1	Concrete pipes; 600 mm diameter; install to any depth	m	6		
5.9	I249.2	Concrete pipes; 900 mm diameter; install to any depth	m	0		
5.10	I249.3	Concrete pipes; 1200 mm diameter; install to any depth	m	0		
		<u>PRECAST CONCRETE</u>				
5.11	H5	Reinforced precast concrete cover to concrete drain cross sectional area not exceeding 0.25 m ² , mass not exceeding 250 Kg, type 2	nr	0		

