PART 1: General Items

Item No.	CESMM3 Code No.	Description of Works	Unit	Quantity	Rate (Euro)	Amount (Euro)
		CONTRACTUAL REQUIREMENTS				
1.1	A110	Performance Bond	sum	1		
1.2	A120	Insurance of the Works	sum	1		
1.3	A130	Third Party Insurance	sum	1		
		SPECIFIED REQUIREMENTS				
		Attendance upon the Engineer's staff				
1.4	A243	Assistant for Engineer's Laboratory	mon	1		
		Temporary Works				
1.5	A272	General traffic regulation and existing surface maintenance	sum	1		
		Organization, Surveys and Records				
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		

		METHOD-RELATED CHARGES				
		Contractor's offices and equipment				
1.11	A311.1	Establishment and removal of Contractor's offices and equipment	sum	1		
1.12	A311.2	Maintenance of Contractor's offices and equipment	sum	1		
		PROVISIONAL SUMS				
		Dayworks				
1.13	A411	Labour (carried from Section 3: Dayworks Schedule 1)	Prov. Sum	1		
1.14	A413	Materials (carried from Section 3: Dayworks Schedule 2)	Prov. Sum	1		
1.15	A415	Equipment (carried from Section 3: Dayworks Schedule 3)	Prov. Sum	1		
		Other Provisional Sums				
1.16		Repairs to culverts, wingwalls, etc. -	Prov. Sum			
1.17		Provision of paved areas at access roads and sheds $10000	Prov. Sum			
1.18		Repairs to existing concrete pavements	Prov. Sum			
		Allow for Gabion Retaining Walls - 700 000	Prov. Sum			
SUB TOTAL						

PART 2: Demolition and Clearance

Item No.	CESMM3 Code No.	Description of Works	Unit	Quantity	Rate (Euro)	Amount (Euro)
		GENERAL CLEARANCE				
2.1	D100	General site clearance including vegetation removal, grubbing of trees and stumps [girth < 0.5m]	ha	0.5		
		TREES				
2.2	D290	Fell and remove trees [girth > 0.5m]	nr	20		
		OTHER STRUCTURES				
		Concrete				
2.3	D521.1	Break out and remove existing concrete curbs and gutters (slipper channels)	m	200		
2.4	D521.2	Break out and remove existing concrete lined ditches and 'U' (box) drains	m	100		
2.5	D521.4	Break out and remove existing concrete shoulder materials - average thickness 75 mm	m^2	100		
SUB TOTAL						

PART 3: Earthworks

Item No.	CESMM3 Code No.	Description of Works	Unit	Quantity	Rate (Euro)	Amount (Euro)
		EXCAVATION FOR CUTTINGS				
		Topsoil				
3.1	E211	Excavation for cuttings; topsoil; haul to stockpile for re-use or disposal as directed	m^3	200		
		Material other than topsoil and rock				
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	5,000		
3.3	E229.2	Excavation for cutting; material from borrow pits for use in embankment	m^3	0		
		Rock				
3.4	E239	Excavation for cutting; rock to any depth for re-use in embankment or disposal as directed	m^3	300		
		EXCAVATION ANCILLARIES				
		Trimming of excavated surfaces				
3.5	E512	Trimming of cut slopes other than rock	m^2	1,000		
3.6	E513	Trimming of cut slopes in rock material	m^2	500		
		Preparation of excavated surfaces				
3.7	E522	Preparation of excavated surface in material other than rock	m^2	1,000		
3.8	E523	Preparation of excavated surface in rock	m^2	500		

		FILLING				
		Embankment				
3.9	E621	Place excavated topsoil on slopes to a thickness of 150 mm or as otherwise directed	m^3	0		
3.10	E623.1	Fill with excavated non selected material	m^3	0		
3.11	E625.1	Fill with imported selected material	m^3	50		
		FILLING ANCILLARIES				
		Trimming of filled surfaces				
3,12	E711	Trimming of filled surfaces with topsoil	m^2	0		
3.13	E712	Trimming of filled surfaces with material other than topsoil or rock	m^2	50		
		Preparation of filled surfaces				
3.14	E721	Preparation of filled surfaces with topsoil	m^2	0		
3.15	E722	Preparation of filled surfaces with material other than topsoil or rock	m^2	50		
		LANDSCAPING				
		Grassing				
3.16	E850	Shrubs of stated species and size	nr	0		
SUB TOTAL						

PART 4: Pavements

Item No.	CESMM3 Code No.	Description of Works	Unit	Quantity	Rate (Euro)	Amount (Euro)
		DEMOLITION				
4.1	D576	Break up existing DBST and shoulder surfaces - average thickness 125 mm	m^2	7,500		
4.2	D571.1	Break up and remove existing concrete/soil cement pavement and shoulder surfaces - average thickness 100 mm	m^2	100		
		SUB-BASES, FLEXIBLE ROAD BASES AND SURFACING				
		Base materials				
4.3	R115	Crushed soil aggregate (tarish) base course, depth 125 mm	m^2	12,000		
		Sub - base				
4.4	R115.1	Sub - base course, depth 125 mm	m2	12,000		
		FIBRE-REINFORCED CONCRETE PAVEMENT				
		Surface Courses				
4.5	R434	Concrete slab reinf. with A142 mesh, min. 125 mm thk., Grade 20, max agg 25mm	m^2	10000		
		Regulating Courses (incl Wheel track infill)				
4.6	R189	Granular material (leveling)	m^3	500		
		MISCELLANEOUS WORK				
		Surface repairs				
4.7	X500.1	Repair of surface potholes in DBST - shallow depth [< 150 mm]	m^2	0		
4.8	X500.2	Repair of surface potholes in DBST - full depth [>150 mm]	m^2	0		
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)
		DEMOLITION AND SITE CLEARANCE				
		Pipelines				
5.1	D620	Pipelines; Nominal Bore 300-500 mm	m	0		
5.2	D630	Pipelines; Nominal bore; exceeding 500 mm	m	0		
		Headwalls and Wingwalls				
5.3	D521	Concrete Culvert Inlet and Outlet Including Headwalls and wingwalls	sum	0		
		PROVISION OF CONCRETE				
5.4	F299.1	Concrete - 15 MPa in pipe culvert surround, 20 mm aggregate	m^3	0		
5.5	F299.2	Concrete - 21MPa for headwall, wingwalls, inlet and outlet footings drain 20 mm aggregate	m^3	0		
		PLACING OF CONCRETE				
		Mass				
5.6	F580.1	Concrete - 15 MPa in pipe culvert surround	m^3	0		
5.7	F580.2	Concrete - 21 MPa in headwall, wingwall, inlet and outlet footing	m^3	0		
		PIPEWORK				
5.8	I249.1	Concrete pipes; 600 mm diameter; install to any depth	m	0		
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		
		PRECAST CONCRETE				
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		

		OTHER CHAMBERS				
5.12	K259.1	Precast concrete catch basin, pipe diameter = 600mm	nr	0		
5.13	K259.2	Precast concrete catch basin, pipe diameter = 900mm	nr	0		
5.14	K259.3	Precast concrete catch basin, pipe diameter = 1200mm	nr	0		
		PIPEWORK - SUPPORTS AND PROTECTION				
		Extras to excavation and backfilling				
5.15	L111	Excavation for pipe trenches in rock	m^3	0		
		PIPEWORK - MANHOLES AND PIPE ANCILLARIES				
		French drains, rubble drains, ditches and trenches				
5.16	K471	Reinforced concrete, Vee section ditches (Slipper drain), lined, Type 1, 450mm wide	m	0		
		Reinforced concrete, Vee section ditches (Slipper drain), lined, Type 2, 600mm wide	m	950		
		Reinforced concrete, Vee section ditches (Slipper drain), lined, Type 3, 900mm wide	m	400		
	K451	Reinforced concrete, Rect. section ditches (Box drain), lined, Type 1, 450mm wide x 450mm deep	m	0		
		Reinforced concrete, Rect. section ditches (Box drain), lined, Type 2, 600mm wide x 600mm deep	m	210		
		CLEANING				
		Ditch and culvert cleaning				
5.17	R900	Clean debris from box and pipe culverts	m^3	0		
5.18	R900	Clean debris from ditches	m^3	100		
5.19	R900	Clean debris from 'U' and 'V' drains	m^3	200		
SUB TOTAL						

Total cost