

DANDRADE 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		
		<u>METHOD-RELATED CHARGES</u>				
		<u>Contractor's offices and equipment</u>				
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		
		<u>PROVISIONAL SUMS</u>				
		<u>Dayworks</u>				
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		
		<u>Other Provisional Sums</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	15		
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		
		<u>FILLING</u>				
		<u>Embankment</u>				
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 non selected material	m ³	140		
		<u>FILLING ANCILLARIES</u>				
		<u>Trimming of filled surfaces</u>				
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	75		
		<u>Preparation of filled surfaces</u>				
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	75		

4.10	X500.4	Repair of surface potholes in Concrete/Soil cement - full depth [> 150 mm]	m ²	0		
SUB TOTAL [CARRIED TO SUMMARY]						

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	10		
5.5	F299.2	Concrete - 21MPa for headwall, wingwalls, inlet and outlet footings drain 20 mm aggregate	m ³	20		
		PLACING OF CONCRETE				
		Mass				
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		
		PIPEWORK				
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		
		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		
		<u>PIPEWORK - SUPPORTS AND PROTECTION</u>				
		<u>Extras to excavation and backfilling</u>				
5.15	L111	Excavation for pipe trenches in rock	m ³	0		
		<u>PIPEWORK - MANHOLES AND PIPE ANCILLARIES</u>				
		<u>French drains, rubble drains, ditches and trenches</u>				
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	100		
		Reinforced concrete, Vee section ditches (Slipper drain), lined, Type 3, 1000mm wide	m	675		
	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	0		
		<u>CLEANING</u>				
		<u>Ditch and culvert cleaning</u>				
5.17	R900	Clean debris from box and pipe culverts	m ³	70		
5.18	R900	Clean debris from ditches	m ³	100		
5.19	R900	Clean debris from 'U' and 'V' drains	m ³	30		
SUB TOTAL [CARRIED TO SUMMARY]						

Total cost