

Estimate for construction of an asphalt road (Modification of Japanese project)

Priced by POLAND

Preamble

The cost price relates to a 100m section of road on a 5 km site.

Prices are calculated for earthworks, drainage, road base and pavement, curbstone and safety barriers.

Unit prices include following works :

- preparation of the site
- use and removal of materials.

Poland

E.01.2.3.0.01.a Asphalt road

ITEM REF	ITEM SPECIFICATION	UNIT	QUANTITY	2016 Item unit price	2016 TOTAL PRICE	Items to be priced	Pricing notes	Expert's Comments
1. Earthworks						16	16 items in total	
10.aa	Mechanical excavation of carriageway, levelling and compacting to 95% simple Proctor. Transport 500m	m3	1 161		-	X		
10.ab	Mechanical excavation of sidewalk and shoulder, levelling and compacting	m3	100		-	X		
	TOTAL 1				-			
2. Concrete and Asphalt								
	Supply and 20km transport							
20.aa	Gravel 0/90mm thickness 450mm on the carriageway. 95% modified Proctor	m3	698		-	X	2012 unit and quantity change from m2 to m3 as above	
20.ab	Gravel 0/90mm thickness 450mm on the sidewalk and shoulder. 95% modified Proctor	m3	153		-	X	as above	
20.ac	Mechanically stabilised crusher-run 0/45 mm thickness 80mm on the carriageway. 95% modified Proctor	m3	120		-	X	as above	
20.ad	Mechanically stabilised crusher-run 0/45mm thickens 100mm on the sidewalk and shoulder. 95% modified Proctor	m3	34		-	X	as above	
20.ae	Coarse grained asphalt 0/35mm, thickness 130mm on the carriageway	m3	182		-	X	as above	
20.af	Fine grained asphalt 0/10 mm, thickness 40mm on the carriageway	m3	56		-	X	as above	
20.ag	Fine grained asphalt 0/10mm, thickness 40mm on the sidewalk and shoulder	m3	14		-	X	as above	
20.ah	Precast concrete curbstone laid in a bed of concrete 1:4:7	m	100		-	X		
	TOTAL 2				-			
6. Finishings: Street furniture								
60.aa	Steel safety barriers	m	90		-	X		
60.ab	Road painting - single line (glass particle mixing paint)	m	500		-	X		
	TOTAL 6				-			
9. Drainage								
90.aa	Mechanical excavation of trenches and drainage chambers. Transport 500m	m3	80		-	X		
90.ab	Perforated PVC pipes minimum ND 110 at a depth of 1m	m	200		-	X		
90.ac	PVC drainage chambers ND 315. Depth 1.6m including cast iron frame and gratings	u	8		-	X		
90.ad	Gravel 5/15mm in drainage trenches	m3	50		-	X		
	TOTAL 9				-			

Please complete details below for Fees

Summary	2016 Total
Chapter	
1	-
2	-
6	-
9	-

General Total -

ARCHITECT'S AND ENGINEER'S FEES (% of general total)

Insert FEES percentage

TOTAL PRICE

Check unpriced items marked X above