

ATTACHMENT II - BoQ

BILL OF QUANTITIES FOR CIVIL AND SPECIALIST'S WORKS ON PRODUCTION AND INSTALLATION OF LARGE EU VISIBILITY SIGNBOARDS

Note: The bidder shall enter the unit prices for production and installation of signboards WITHOUT THE PRICE OF TRANSPORT OF SIGNBOARDS TO THE FINAL LOCATIONS!

The Bidder shall price all items in the tender documentation excluding VAT.

1. PRELIMINARY WORKS					
	Description of works	UoM	Quantity	Unit price	Total
1.1.	Clearing of location and access to it by removal of vegetation as necessary according to the consultations with an engineer of horticulture. Item includes transportation of waste and excessive material to the local landfill, up to 10 km distant. Calculated lump sum	Lump Sum	1		
1.	TOTAL PRELIMINARY WORKS				
2. EARTH WORKS					
	Description of works	UoM	Quantity	Unit price	Total
2.1.	Measuring and marking of location with optical instruments. Calculated lump sum	Lump Sum	1		
2.2.	Manual excavation of soil of category III for the foundations in depth of 1,00 m ¹ . Calculated per m ³	m ³	1.00		
2.3.	Transportation, filling and compacting of gravel under the foundations in layers of 15-30 cm until full compactness. Calculated per m ³	m ³	0.20		
2.4.	Removal and transportation of excessive soil by trucks and unloading on the place determined by the investor or on the local landfill, up to 10 km distant Calculated per m ³	m ³	1.00		
2.	TOTAL EARTH WORKS				
3. CONCRETE WORKS					
	Description of works	UoM	Quantity	Unit price	Total
3.1.	Production of 5 cm layer of MB15 concrete under the foundations. Calculated per m ³	m ³	0.10		
3.2.	Production of reinforced concrete foundations with MB30 cast concrete including the required formwork. Calculated per m ³	m ³	1.00		
3.	TOTAL CONCRETE WORKS				

4. REINFORCEMENT WORKS					
	Description of works	UoM	Quantity	Unit price	Total
4.1.	Procurement, transportation, cutting, shaping and installation of ribbed steel reinforcement bars in full accordance with the structural calculations and reinforcement details. Note: Quantities are approximated on the basis of concrete quantities. Calculated per kilogram	kg	20.00		
4.	TOTAL REINFORCEMENT WORKS				

5. METAL WORKS					
	Description of works	UoM	Quantity	Unit price	Total
5.1.	Production and installation of all steel elements, according to the design. Item includes hot dip galvanizing, painting with primer paint for steel and final lacquering in colour chosen by the investor. Item includes installation of galvanised steel sheet by riveting, all according to the design. Price includes all required flashings and battens, rivets and other binding materials, transport, installation and dismantling of scaffolding and all necessary material and workmanship for production and installation of the steel construction and sheet, all according to the design. Calculated per kilogram	kg	470.00		
5.	TOTAL METAL WORKS				

6. PRINTING AND ADHERING OF PVC FOIL					
	Opis radova	Jed. mere	Količina	Cena po jed. mere	Iznos
6.1.	Printing of graphics provided by investor on the self-adhering PVC foil, 100 microns thick, in the solvent print technique and mechanical application of protective matte PVC foil, 100 microns thick, all according to the design. Dimensions of graphics on one side (identical on both sides) are 3000 x 2000 mm, to be printed in three segments (due to underlying sheet dimensions), 1000 x 2000 mm each. Overlaps of 2-3 cm on the connecting lines of the sheet must be accounted for during printing and plasticising, in order to prevent water penetration under the installed foil. Foils shall be mechanically applied to the cleaned galvanised sheet and then mounted to the frame. Calculated all complete per billboard	kom.	1		
6.	TOTAL PRINTING AND ADHERING OF PVC FOIL				

SUMMARY OF CIVIL AND SPECIALIST'S WORKS		
1.	TOTAL PRELIMINARY WORKS	
2.	TOTAL EARTH WORKS	
3.	TOTAL CONCRETE WORKS	
4.	TOTAL REINFORCEMENT WORKS	
5.	TOTAL METAL WORKS	
6.	TOTAL PRINTING AND ADHERING OF PVC FOIL	
TOTAL:		