



Finance Contract:	SERBIAN INLAND WATERWAY INFRASTRUCTURE Finance Contract between the Republic of Serbia and European Investment Bank (Official Gazette of the Republic of Serbia - International Contracts No. 02/2019)
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Clarification No. 49 to TD

Volume 4, Section 2.1, BoQ

QUESTIONS	ANSWERS
<p>Question No 1</p> <p>In Volume 4 S2 1 – Bill of quantities – Item 20. Site preparatory works for reconstruction and building – No. 01-05 –</p> <p>Mechanical removal of concrete slab cover from the slopes of the existing defensive embankment. The item includes slab removal, loading and transport to the foreseen location is given UoM in meter linear (m1)?</p> <p>Question: We think that UoM shall be square meter (m²)</p>	<p>Answer No 1</p> <p>Mechanical removal of concrete slab is given in UoM in meter linear (m1), per length of the existing defensive embankment from which removal is foreseen.</p>
<p>Question No 2</p> <p>In Volume 4 S2 1 – Bill of quantities – Item 9. Terminal Roads and Parkings – No. 2.2.3.03.06 – PVC FOIL</p> <p>Placement of foil between concrete pavement and crushed stone aggregate. The area is increased by 20% due to overlapping.</p> <p>Measurement per m².</p>	<p>Answer No 2</p> <p>The contracting Authority consider information given in the BoQ sufficient.</p>



<p>Question: Can you give some technical specification about this PVC Foil</p>	
<p>Question No 3</p> <p>In Volume 4 S2 1 – Bill of quantities – Item 10. Access Road No. 2.2.2.03.09 - Geogrid</p> <p>Question: Regarding geogrid specification, we would appreciate to get additional information on:</p> <ul style="list-style-type: none">- Which stability or serviceability calculation resulted with 5% strain limitation? According our knowledge for many different geogrids strain at the nominal tensile strength is between 8 and 10%. <p>There are on the market also geogrids having strain at nominal tensile strength limited to 6% and those with strain limited to 3%. We cannot see any reason for use of those special geogrid types.</p> <ul style="list-style-type: none">- Which stability or serviceability calculation resulted with requirement for geogrid tensile strength at 2.5% strain to be 80kN/m?- Which stability or serviceability calculation resulted with requirement for geogrid nominal tensile strength to be 100kN/m? This value is also very uncommon for reinforcement of road base. <p>Even for high traffic loads the required value is max. 40kN/m.</p>	<p>Answer No 3</p> <p>Please consider this position in the BoQ as you are instructed to give a prize as given in BoQ Item 10. Access Road No. 2.2.2.03.09 – Geogrid.</p>



Question No 4

In the bill of quantities Item 4- Sloped Embankment Structures – under number -03-05 the position description states that it is concrete:

03-05	Procurement, transport and installation of water-impermeable M20 C18 concrete and M150 steel reinforcement, in accordance with the design for the construction of reinforced concrete support beams at elevations 70.50 and 72.50 and the terminal beam at 75.25 m a.s.l., in accordance with the design. The price includes the formation and installation of required formwork. The price includes the concrete with the appropriate reinforcement.	4 m ³	2,760.46
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Where in the book 2 Volume 2 / 1.2. Slope bank revetment (02-1.2. Kosa obaloutvrda-potpisano) under the same number 03-05 and same quantities refers to geotextile material:

03-05	Набавка и дотреша свог потребног материјала и подводно полагање нетканог геотекстила, 500 г/м ² . Геотекстил се полагање ствара на споју крутозорног и ситнозорног материјала. Према постојеће камене навали не полагање се геотекстил. Преклопи ширине од 300-400 mm урачунаће су у цену. Обрачуни по м ² покривене површине.	м ²	2,760.46
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Is it possible that there was an error in the bill of quantities and that the quantities refer to geotextiles and not to concrete?

Answer No 4

Please note that this is answered by the modified Bill of Quantity issued by Corrigendum 2 dated October 6, 2020.