

Questions and answers

Project : Fairway expansion - lite 150



No.	Question	Answer
1	<p>Can you clarify / confirm the tender submission deadline?</p> <ul style="list-style-type: none"> - General Terms, Section 7.1 states Thursday November 30 2017 at 13:00h - General Terms, Section 7.4 states December 5 2017 at 13:00h - www.udbuk.dk states December 5 2017 at 13:00h - Letter of invitation states Tuesday, December 5 2017 at 13:00h 	<p>It is a mistake under chapter 7.1. The tender date is Tuesday December 5. 2017 at 13:00 hour</p>
2	<p>Design Dredge Depth – ref SR, Section 7.1.1 Scope of work.</p> <p>Deepening and maintenance dredging of the fairway, also called lite150-deepening, from the entrance of Gabet until Terminal Nord from existing depth of 7.5 m to 8.0 m in the width fairway of 150 m. A volume of approx. 140,000 m³. The Client is also paying the overdredge of 0,3m which effectively shall give a new overall depth of - 8,3m DVR.</p> <p>REQUEST/QUERY:</p> <p>The TE is seeking clarification from the Contracting Entity about the dredge depth to be achieved in the fairway of 150m width.</p> <p>Is the dredge depth to be achieved a minimum of -8.0m DVR over the complete area or a minimum of -8.3m DVR</p>	<p>The dredging depth to be achieved over the total area is effectively -8,3m DVR</p>
3	<p>Dredge Slopes:</p> <p>Ref. SR, Section 7.3.1</p> <p>The slope of the dredged area shall be secured by the Contractor. The volume will be calculated with the following inclination; 1:3 (sand / gravel / moraine and Gyttja).</p> <p>Ref PAP, Section 2.2</p> <p>The quantity will be determined as technical volume based on the in-survey and the design depth of the new fairway of -8,0 m plus 0,3m overdredge and with slopes of 1:2.</p> <p>REQUEST/QUERY:</p> <p>The TE is seeking clarification from the Contracting Entity about the dredge slopes which shall be used for the volume calculation: will these dredge slopes have an inclination of 1:3 or 1:2?</p>	<p>The technical volume is based on the given design / model attached to the tender documents, which shows an inclination of the slopes with 1:3</p>

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4	<p>BoQ item 2.3 – transport and offshore deposit – 140,000m³</p> <p>SR, Section 3 – Authorities</p> <p>A total volume of 100,000m³ can be deposited offshore whereas a volume of 50,000m³) for the fairway deepening can be re-used or deposited on land.</p> <p>REQUEST/QUERY:</p> <p>The BoQ item 2.3 states that all dredged material (140,000 m³) can be deposited offshore. Can the Contracting Entity confirm that all dredged material from</p>	<p>The Tenderer shall give a price for a volume of 140,000 m³ in the BoQ.</p> <p>The license for offshore deposit is limit to 100,000 m³.</p> <p>The technical volume of the design is estimated to be 93,592 m³, which is within the license for offshore deposit.</p>
5	<p>Permit for offshore deposit</p> <p>SR – Section 3</p> <p>REQUEST/QUERY:</p> <p>A total volume of 100,000m³ can be deposited offshore whereas the balance of the volume (50,000m³) for the fairway deepening can be re-used or deposited on land.</p> <ul style="list-style-type: none"> - Can the contracting entity confirm the location for potential re-use of material? - Can the contracting entity confirm the location for deposition on land? - Can the contracting entity confirm if the balance of the volume of the fairway deepening can be deposited offshore as well (beyond the limit of 100,000m³) in case this material is not suitable for reuse / deposition on land? 	<p>See answer No. 4</p> <p>The contract foresee that all dredged material shall be deposit offshore and within the limit of the license.</p>
6	<p>Contractual language</p> <p>Particular Terms, Section 1, subsection 6</p> <p>REQUEST/QUERY:</p> <p>Can you confirm the language which will be used for the contract, negotiations and site meetings in view of the Fairway Expansion – lite 150 project? Will this be English or Danish?</p>	<p>The language will be either Danish or English, but under Danish law and legislation</p>

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7	<p>Please clarify following items wrt the design of the Fairway (TN 150-301 – XYZ Lite150_8,3m.csv):</p> <ol style="list-style-type: none"> 1. Tender query and answer 3 states that the design/model of the fairway shows an inclination of the slopes with 1:3. However the file TN 150-301 – XYZ Lites150_8,3m.csv shows different slopes than 1:3. Please clarify. 2. The design file includes several areas with a design depth of -7.5m (such as for instance a part of the entrance at Gabet). Please clarify if this areas need to be dredged to the new dredge design depth of -8.3m or that -7.5m is sufficient. 3. The design file still includes the narrow fairway to be deepened till -11.0m. Please clarify if this scope is part of the contract or not. 4. The design file of the fairway overlaps with the dredging area of the new Harbour Basin (ref. drawing TN 150-101 – Rev.1 – dated 2017.08.14). Please clarify the boundary of the design of the fairway at this location. 5. The executed bathymetry does not fully cover the area of the design of fairway (such as for instance near the start of the Lite150 fairway). Is this data available? 6. Can the Contracting Entity provide us with a new design file for the Fairway, in relation to the above requested clarifications? 	<ol style="list-style-type: none"> 1. Slopes in the navigation channel should be excavated with an inclination of 1:2 equaling the natural seabed slope in many areas. The slope inclination of 1:3 - as stated in the tender documents is incorrect. Furthermore changes in the depth requirements to the design of the navigation channel has led to a slightly different slope of 1:1,93 in some areas. This has now been corrected and a new 3D model of the navigation channels has been issued and a new volume calculation performed. This change only leads to minor changes in the theoretical dredging volume. 2. the fairway from Gabet to Lindø will in a few areas have “three depths” - that is correct. That’s the reason for the title “lite 150”. In these areas a width of 150 m with -8.3 m according to the model will be sufficiently. 3. the dredging of the deep fairway is not scope of the contract and the contractor shall ensure that this fairway will not be filled up due to the new dredging. 4-5. LPO estimates that NO dredging is needed in areas not covered by the bathymetry 6. the bathymetry file given will not be changed for the tender phase. The model file has been updated with correct slopes.