

**“Clarifications on the technical specifications of the Request for Proposal for the purchase of one (1) Mobile Harbour Crane (MHC)”**

With reference to the above procurement process, we wish to respond to the following points of queries as received from a bidder.

**Q1.** *As we are able to transport our crane in sections to the final assembly site, where the assembly and commissioning will be carried out in less than the mentioned 10 weeks, we would prefer this solution as the less expensive one.*

*For the local assembly we need of course some machines and I know that in the port of Thessaloniki 2 Gottwald cranes are operated – a HMK 260 EG and a GHMK 4406 B.*

*These two cranes would be sufficient to assemble the new crane. Are you in possession of these cranes?*

If yes, what would be the hourly/daily rental cost for the respective crane (we need these cranes only for 1 day for unloading and then sometimes for hours only)?

**Answer:** The Port of Thessaloniki has in operation two Mobile Cranes, (1) HMK260 EG with lifting capacity 100tn and the other GHMK 4406B with lifting capacity 120tn. Both cranes can be made available free of charge, for two (2) days.

**Q2.** *Do you have a forklift-truck with 10 t capacity? If yes, what would be the daily rental cost (for a period of approx. 5 weeks)?*

**Answer:**

We have in operation Forklift truck with 12t capacity available. The least hour rental cost is €60/hour. The final cost will be agreed with the contractor.

**Q3.** *Do you have a manlift/working platform for working in height) maximum height approx. 27 m)? If yes, what would be the daily rental cost (for a period of approx. 2 weeks)?*

**Answer:**

Currently we do not have a manlift working platform, but instead of it, we have a telescopic crane with lifting capacity of more than 27m available.

**Q4.** *As the last two cranes have been assembled in Thessaloniki, I suppose there is sufficient space for the assembly (approx. 30 x 70 m), close to the unloading quay*

**Answer:** There will be sufficient space for assembly, taking into account the duration of works.

**Q5.** *Page "Technical Specifications", General Requirements, 1.2 Main traffics: Here manganese ores, clinker and grain is specified as dry bulks to be handled. In item, 13*

*"Mechanical grabs" however nickel ore and coal is defined for the design of the grabs. Please clarify which materials and which densities shall be considered in the design of the grabs.*

**Answer:** The required grabs are for nickel ore and coal. The density of each of them is:  
Density for coal: about 1 ton/m<sup>3</sup>  
Density for Nickel ore: 1,6 ton/m<sup>3</sup>

**Q6.** *Page "Technical Specifications", General Requirements, 1.6 Capacity grabs on rope: A crane capacity of 55t on ropes is required in grab operation mode. In item, 13 "Mechanical grabs" however grab volumes and densities are provided which result in loads on ropes below 55 t. Please confirm that also a crane capacity below 55 t is acceptable as long as the grab volumes requested in item 13 are met or exceeded.*

**Answer:** We confirm that also a crane capacity below 55t is acceptable, as long as the grab volumes requested in item 13 are met or exceeded.

**Q7.** *Page "Technical Specifications", Design Criteria, item 4.3 Mechanical design life: For "Hoist, spreader/normal operation" a classification of M6,T6,L3 is requested. This is not a valid combination. Please inform if M6,T6,L2 is meant of M6,T5,L3.*

**Answer:** For hoist, spreader/normal operation a classification of **M6, T6, and L2** is requested.

**Q8.** *Page "Technical Specification", Design Criteria, item 4.4 Operating speeds: Please inform if "with 100 t", "with 80 t" and "with 40t" is meant "on hook" or "on ropes". The difference between "on hook" and "on ropes" is the deadweight of the hook rotator, typically in the range of 3 to 3.5 t.*

**Answer:** Operating speeds refer on hook.

**Q9.** *Page "Technical Specifications", Main Dimensions, item 5.5 Maximum hoisting height: Please inform if the required hoisting heights are to be understood "on hook" or "on ropes". "On ropes" means at the ends of the hoist ropes, but at the upper side of the hook rotator. The difference between "on hook" and "on ropes" is the height of the hook rotator, typically in the range of 2.2 m.*

**Answer:** The required hoisting heights are on hook.

**Q10.** *Page "Technical Specifications", Painting, item 11.3 Internal surfaces: Please confirm that "External surfaces" is meant in this item.*

**Answer:** Yes, we confirm