

CLARIFICATION NO. 1 OF THE TENDER DOCUMENT

RHP-W9-AB-CW/IOP1-2020

Regarding the request for the additional clarification of the Tender Document for the **Procurement of execution of works on the construction of multi apartment buildings in Belgrade – dr Ivana Ribara – Novi Beograd**, number: **RHP-W9-AB-CW/IOP1-2020**, hereby we deliver the following answers:

Question no. 1:

(Filed under number 2593 dated 15.05.2020.)

Please answer the following question of whether you shall accept as a reference for construction of the business buildings complete construction of the industrial halls?

Answer:

For the fulfilment of the conditions of technical capacity, in part Contractor experience, as referent facilities only the ones with classification marks stated in the table within clause 12.2 of the Tender Document, 3) Technical capacity, under a) Contractor experience shall be accepted.

Question no. 2:

(Filed under number 2593/1 dated 15.05.2020.)

Can you tell us what is the estimated value of this project?

Answer:

Decision of the Purchaser is not to publish the estimated value of the procurement.

Question no. 3:

(Filed under number 2623 dated 18.05.2020.)

In part of the Bill of Quantities for the mentioned public procurement titled construction under the clause III WORKS ON CONSTRUCTION OF „FRANKI“ PILES in position 03-02 defines the execution of piles of the type “FRANKI” Ø520?

According to the long-term experience on our market there are only two companies producing these types of piles, and the equipment which these two companies own for the execution of these types of works was produced over 40 years ago. Also the professional staff managing this type of machines includes the workers of significant age (most of them are retired years ago). All these facts point that it is difficult to expect for works on this position to be executed in the shorter deadline and without equipment failure. There is a recent example of

construction of the factory of chocolate in Novi Sad where the type of piles was changed in order to meet the deadline.

We wish to ask if, in accordance with the abovementioned facts, it is possible to change „FRANKI“ piles with the adequate technical substitute of piles of type „SIMPLEX“ which are also in the group of piles constructed on site, and are of the same nominal diameter (Ø520 mm)?

Reasons for the change of the piles are the following:

- On the "SIMPLEX" piles, it is possible to register data on the penetration of the pipe from the blows of the hammer ("failure" in the rear tire) which is mentioned in the submitted Bill of Quantities.
- In addition to the above, the price is in a similar category as "FRANKI" piles, so this replacement would not affect the project budget.
- The effects of this type of piles are much greater.
- Reinforcement of "SIMPLEX" piles is the same as "FRANKI" piles, so on this basis, this change would not have any impact on the budget.
- Replacement of these two types of piles is done without additional static calculation and costs related to the project documentation, according to the principle of 1 for 1.
- This type of piles is performed with more reliable (newer) equipment and younger staff than "FRANKI" piles.

Answer:

Yes, it is possible to replace „FRANKI“ piles with the piles of the type „SIMPLEX“ by the method and equipment „DELMAG“.

During the change of the type of the piles from the designed to the piles of the „SIMPLEX“ system **IT IS NECESSARY TO:** fulfil all the designed parameters (the distribution of the piles, reinforcement in the piles, position of the head of the piles and the reinforcement in relation to the designed „caps“ above them etc.) along with the evidence of the designed load capacity of the piles.

All designed parameters are provided in the Technical description, Static calculation, details of the formwork and the reinforcement as well as in the Technical conditions for the construction of the piles. It is necessary to fulfil all the other designed conditions as well: level of the working plateau, level of the pile head, minimal tilt of the pile body after cutting in A.B. foundation plate

Designer agrees to have this **change of the piles conducted without the additional static calculation and expenses related to the design documentation, according to the principle 1 for 1.**

Question no. 4:

(Filed under number 2623 dated 18.05.2020.)

Can you please clarify, since we were not able to find this information in the submitted documentation, by what amount of force it is necessary to perform a test load of piles?

Answer:

Load put on the trial pile should be at least equal to the designed load which prevails in the foundation design.

To control the force in the pile on the basis of "failure".

Question no. 5:

(Filed under number 2623 dated 18.05.2020.)

Is the test load of the piles performed on randomly selected piles that remain in the structure (piles that are already performed for the construction according to the project), or is it necessary to make special piles for testing purposes that will serve only for testing purposes?

Answer:

Piles per strips which are supposed to be tested are in the strip S1.1 – pile no. 13; in the strip S1.2 – pile no. 78 and in the strip S1.3 – pile no. 137.

Please refer to the addenda of the Clarification no. 1.

Question no. 6:

(Filed under number 2623 dated 18.05.2020.)

We have not been able to obtain information on the type of pile testing envisaged by the tender documentation, and we hereby ask you to clarify whether the project and tender require testing of piles by DLT (Dynamic Load Test) or SLT (Static Load Test) method? We need this clarification because the choice of method depends on both the financial and time (dynamic) part of the consideration of the tender and the bid itself.

Answer:

Testing of the piles should be done by the method of the test load as follows: 1 pile using DLH method and 2 piles using SLT method, by choice, because testing of one of the piles is foreseen in all three strips.

Procurement Committee

