

The request for clarification of the Bidding documents

Subject: The answer to the question for IOP/2 - 2014 whose subject is Execution of works on the construction of Centres of excellence in Kragujevac.

1. Question:

The bill of 4c - Bill with Main Project Planning with external landscaping. For position 4.1 Maintenance of greenery, please specify the unit of measure and quantity.

Response:

The unit is % , and the amount is 0. 2 for Landscaping

2. Question:

Hydrotechnical installations

The bill of 6 - Bill - hydro-technical installation position 1. 5 backfilling trenches natural gravel granulation. After filling up layers of 20 cm performed manually compacting earth compactor weight 10-12 kg , provided that each layer must be well compacted , that would later come to the land subsidence. Calculation per m3 kit buried trench.

Please confirm that as a material for backfilling trenches used gravel.

Response:

On the roads , handling areas and parking is provided for backfilling trenches, gravel and green areas in the backfill soil from excavation.

3. Question:

In section 6 - Bill - hydro-technical installations , Concrete works , position 2. 2 states: "Development of the upper plate , walls and floor slabs (d = 15 cm) of sewage manhole dimensions 1,0x1,0m pages of reinforced waterproof concrete MB 30 with the installation of ladders according to DIN 1212. Manhole mutually reinforced with mesh reinforcement Q MAG -221. The interior of the shaft plastered with cement mortar in two layers of scale 1: 1. Calculation per m3 of poured concrete , kit -built with the necessary formwork.

sewerage system Ø1000

sewer lines Ø1000"

Question: After examining the documents it was clear that he did not give details of the manhole. Is the manhole from the bottom to the top of the square or the upper part of the circular section with a conical end ?

Response:

The project provides for square shafts 1,0x1,0m to the top in order to mount the lids with filling. These shafts can also be circular, but their completion must be square because this kind of cover.

4. Question:

In section 6 - Bill - hydro-technical installations , Concrete works , position 2. 3 is a circular manhole provided for pumping the sewage system. Having examined the documents in the dimensions of the shaft diameter and drawing are not the same (diameter, wall thickness ...). What dimensions should be adopted for this manhole?

Is it possible to provide a square or rectangular ?

Response:

It is designed circular manhole for pumping the sewage system 2m diameter , wall thickness 0.2m. The detail of this shaft are given accurate dimensions. The manhole can be a square , measuring 2,0x2,0m with a wall thickness of 0.2m.

5. Question:

The answers to the questions - Questions and Answers 14, the answer to the question. 6 shows that the error predicted only one pump, that there should be two. Is it going to get revised bill of the new amount?

Response:

Offer to give for two pumps. Employer will deliver a corrected bill of works.

6. Question:

HVAC installations

Position of the bill of works 7a

V - Commerce - Air handling units

Project documentation : technical description and specifications climate of Commerce , it was noticed that the air chamber S -1 and S -2 indicated that "...designed for full air-conditioning space with strict hygiene requirements..."(S - 1 - area criterion of purity " C", S -2 space criterion of purity " D") The specification of the air chamber is not stated whether the air chambers in the hygienic performance and on what standard. It was stated that the only: "...The inner surface of the chamber insertion and suction is resistant to abrasives.", which can be interpreted that the air handling only plasticized.

Is it necessary to air chamber system SO1 and SO2 are hygienic performance and on what standard?

Is it for the “ cleanroom” provided validation procedure?

For air chamber system S-4 for vivarium is also referred to the request:” The inner surface of the chamber insertion and suction is resistant to abrasives”. For this chamber did not mention the so-called clean rooms with strict hygiene requirements. Explain what exactly is a quote from the specifications of the air chamber to the internal surface of the chamber insertion and suction is resistant to abrasives.

Response:

Air chambers are not even after a standard or recommendation hygienic type. Air chambers are designed with features, which means standard air chamber with additional projected and these characteristics - see specification, Bill of Quantities , Specifications (refers to the quality of interior surfaces and some spare parts Chamber).

NOTE : recuperators are designed by an air -to-air , with vertical position of plate -talkie projected performance can not be changed without the consent of the HVAC designer.

The validation procedure (cleanroom HVAC equipment for clean rooms , technological equipment in clean rooms. . .) Is provided in tehniloški project (type and extent of validation). In any case , the validation of HVAC equipment , or without validation , nor what does not change is designed HVAC equipment.

7. Question

G - cooling machine - Heat Pumps.

A review of the included in the bill, part of the cooling equipment is stated that such equipment is cooling machine - heat pump with the expressed characteristics for cooling. Information is needed for heating mode : the required capacity (where ambient temperature) Temperature. regime of hot water, the nominal flow rate , pressure drop ...

Position papers from the bill of 8 - DIESEL ENGINE. Bill works for 8 diesel engine , related to mechanical installations : Is it necessary to cool the room air for the diesel engine ?

Is blinds with suction needed and floating blinds to prevent the penetration of cold outside air in the winter ?

Response:

Designed refrigeration machine is the type of heat pump. The project presents the characteristics of the unit in cooling mode. Heating mode is performed using the heat from the boiler. No further characteristics of the device in heating mode - because the heat capacity of the heat pump is not required for device selection , it means that any heating capacity , any manufacturer of heat pumps - which corresponds to the required capacity in cooling mode , be sufficient , in heating mode , designed for the installation of HVAC (heating capacity because not listed).

8. Question

Position papers from the bill of 8 - DIESEL ENGINE

Bill works for 8 diesel engine , related to mechanical installations:

Is it necessary to cool the room air for the diesel engine?

Is blinds with suction needed and floating blinds to prevent the penetration of cold outside air in the winter ?

Response:

It does not require floating blinds. Anticipated blinds are sufficient ventilation rooms diesel generators.

9. Question

Position papers from the bill of 9 - Power station

The bill of works 9 for transformer station 10 / 0.4 kV is given as follows:

Position 1. 02 break switch is not given the value of the nominal current disconnectors - 630 A project envisaged in the bill with earthing, earthing the project without any pos. 1. 04 break switch is not given the value of the nominal current disconnectors - A project envisages 630, poz. 6 BLOCK 0.4 kV Switchgear = GRO - d1) Bill of predicted position pos. 6. 06 -pole protection switch, rated current 40A, type COMPACT NSX100F pc. 7 project Compact switches 40/32 pcs. 6 and 40/25 A piece. 1 item. 7 BLOCK 0.4 kV Switchgear (= GRO - d2) Bill of predicted position\n. 7. 06 -pole protection switch, rated current 40A , type COMPACT NSX100F pc. 4 project Compact switches 40/32 pcs. 6 and 40/25 A piece. 1

We ask for clarification of these items ?

Response:

The technical description page 3. 4-3. 6 provides a description of the block 10kV where it clearly states that it is provided with earthing switch disconnector. In the drawings : 4-11 are given pole and three-pole block scheme 10kV with marked earthing. It is not clear what part of the project missing earthing. The nominal value of the current disconnectors should be 630A.

The nominal value of the current disconnectors should be 630A.

Rated current protective unit is 40A and as such is packed into the cabinet COMPACT NSX100F. 40A / 32A means that the nominal current of the protective unit $I_n = 40A$, a current setting $I_r = 32A$. There COMPACT NSX 40A. Housing Compact NSX accepts control units 40A and 100A , which are set.

Same as previous. Should be the COMPACT NSX100F pcs. 7.

10. Question:

TELECOMMUNICATIONS AND ALARM INSTALLATIONS.

Position of the bill of 12 - Telecommunication and signal wiring is not defined active network equipment for connecting IP phones.

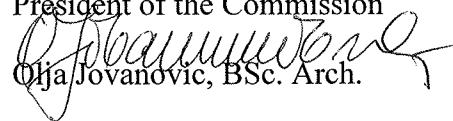
Does the acquisition of active network equipment planned for this tender?

If it is the subject of the tender , please to specify the same

Response:

Supply of active network equipment is not planned this tender.

President of the Commission


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