

ITB- 170/21 Rehabilitation of Livestock Department -Forest & Agriculture College (Phase 2)-Mosul University-Ninawa Governorate

Subject: Question and Answers:

Electro-mechanical source points:

Do the electro-mechanical source points provided from the ceiling or from the floor. Please confirm.*(the source of electrical and mechanical points will be in the ceiling through a pipe) and as mentioned (- All benches supplied with electricity cables in sealed insulation pipes with electrical outlet every one meter).*

2. Knee Space:

Please note that the wall and center benches in the drawings which enclosed in tender documents do not include any Knee space for students, shall we follow the drawings or shall we add knee spaces. : *Preliminary every 3m we need a space for the chair or without drawer(see sketch no.9)see attached photos (No.4) of the original BoQ, but it may change slightly due to the dimensions of the lab and a proposed design.*

3. Fans:

Is there any specification, please advise: *The size and specification of the fan will be submitted by the bidder and according to the one package design of the hood, the electrical engineer will check and approve what he/she sees as suitability and according to the standards and what required to the size of the hood.*

4. Eye wash:

Do you need SINGLE outlet type or DOUBLE outlet type, as it's not specified: *Single outlet as indicated in the sketches.*

5. Water Outlet:

Shall we submit Cold and Hot Mixer or Cold Water outlet. Please confirm : *Preliminary we need a cold water source, however, if it required to add a hot water point, it will be the contractor's responsibility to extend the hot pipeline and provide a mixer with hot water point, and as indicated in the sketches.*

6. Electrical Socket:

Please provide us with requested type

Laboratory fittings and armatures are specially manufactured at DIN 12918 standard for air, water, gas, vacuum, combustible gas, pressurized air, etc. . The valves of the armatures are made of brass pressed at high temperature. Armatures are covered with enamel. Laboratory fittings are made of plastic materials and used according to the respective requirements. All brass parts are covered with powerful polyester powder enamel resistant to chemicals and corrosive environments.

*- all required works to complete the job will be included within the price.
See attached drawings No. 1 ,2 ,3 ,4,5 , 7 ,9, 13 ,14 ,15 , 16 ,17,18 & 19)*

7. Please specify the location of " 16 mm Thickness , Anti-acid compact Laminate Surface for Plinth: *See attached photo No.9 and other sketches.*

8. Please provide with architect plans for the labs (Floors plans)-*See attached sketches, for more details, the contractor should visit the site to check the dimensions and exact place of sources(water, electrical, mechanical, sanitary) and how the labs divided to rooms and sections.*