

## Question and Answer No. 5

### ITB-804/18-Rehabilitation of Ibn Al Atheer Hospital Building, East Mosul, Ninewa Governorate

<b>No.</b>	<b>Question submitted by bidders</b>	<b>Answer by Technical and Procurement Teams</b>
1	schedule of point for BMS system you write it in all - specialist file but I do not find it.	We will share the BMS point list through an amendment.
2	the specification for water in and out from waste water treatment plant and the peak hourly flow.	The peak daily In flow=35m3 per day for each treatment plant, which means 70 m3/day for both of them.
3	ITB 804 18-QA No. 1-13012019: Answer#10 says that "Payment of local taxes will be the responsibility of the Contractor." Please clarify What do the local taxes cover?	Local taxes in the country of foreign contractors, if applicable.
4	ITB_804_18-BOQ-30122018 Arc&Civil Item#7,9: Please clarify is 30*100cm dimension acceptable instead of 80 * 160 cm for Terracotta?	The contractor shall adhere to the dimensions shown in the BOQ, design drawings and technical specifications.
5	ITB_804_18-BOQ-30122018 Arc&Civil Ceilings Finishing Item#1: In regard to subject item; "Supplying materials, tools and manpower to install suspended Acoustic gypsum ceiling tiles with sprayed plastic finish and aluminum foil backing, moisture & humidity resistant". As per the above statement ; there is a conflict, sprayed plastic finish and aluminum foil backing is used with gypsum ceiling , acoustic value could not be provided with this execution. Please clarify , if acoustic ceiling is required, rockwool suspended ceiling system could be more accurate.	The contractor shall adhere to the dimensions shown in the BOQ, design drawings and technical specifications.

6	ITB_804_18-BOQ-30122018.xlsx /Electrical works/Q Fire Alarm Works: Fire Alarm system works duplicated in ELECTRICAL WORKS list and in BMS list. which section shall be used for pricing?	There is no duplication, meaning: -BOQ electrical works / Q : is for fire alarm system components listed. -while in BOQ BMS works: is for BMS Monitoring and controlling needed for FACP as shown in the drawings and specified in the specifications.
7	Drawing EL-GN-027: As per the drawing EL-GN-027 fire alarm and voice evacuation riser diagram, If connection to existing master FACP in expansion building is required please provide the distances between facility and expansion building. Please provide existing Fire alarm and voice evacuation system panel model and	There is no Expansion building: The project is a building renovation, meaning a new FACP and Voice evacuation system shall be supplied and installed as shown in the drawings and specified in BOQ and specs. The connection between a new Voice evacuation system and a new fire alarm system shall be installed to be integrated and work together in case of fire.
8	ITB_804_18-BOQ-30122018.xlsx /Electrical works/A Power installation: As per the ITB_804_18-BOQ-30122018.xlsx /Electrical works/A Power installation. Please clarify if spare pvc pipe is required for underground power infrastructure.	No need for spare conduit unless instructed by the engineer and site condition.
9	EL-GN-027 telephone system schematic riser diagram: As per the drawing EL-GN-027 telephone system schematic riser diagram, is 2NO 100 mm UPVC conduit provided by contractor or local telephone authority? Also is main telephone cable provided by contractor or local telephone authority. If these cables and UPVC conduits are contractor responsibility provide the distances between facility and telephone centre.	UPVC conduit is contractor scope of works, while the main cables from local telecom company is out of contractor scope of works. The Contractor shall supply and install the incoming lines underground through Local Telecommunication Authority approved UPVC pipe ducts with draw wires, together with the manholes/draw pits as indicated on the drawings. The works shall be carried out under supervision of consultant and Local Telecommunication Authority Engineers.

10	Drawing EL-GN-027 telephone system schmatic riser diagram: There is a conflict between drawing EL-GN-027 telephone system schmatic riser diagram and technical specification SECTION EL-14. In SECTION EL-14 TELEPHONE INSTALLATIONS/System Description/4 It is stated cat6 cable shall be used but on drawing cat3 cable shown .which cable type shall be used in this project?	Please Refer to EL-14 TELEPHONE INSTALLATIONS/cable/A.1 and A.2 that specifying the cables type required (CA3 cables)
11	ITB_804_18-BOQ-30122018.xlsx /Electrical works/Z Electrical Works: Please provide technical spesification and drawings for RMU	Please Refer to the attached Technical specification of 11kV & 33 kV indoor type switchgear for consumer substation. The specifications will be provided in an amendment.
12	Drawing EL-GN-022, drawing EL-GN-025: As per the drawing EL-GN-022; Panelboard DBFL-7,8,9 feed from SDMB-1 panelboard. But as per the drawing EL-GN-025 we could not find these panelboards from SDMB1 single line diagram. Are these panelboards feed from SDMB1?	Yes, these panel boards shall be fed from SMDB-1
13	ITB_804_18-BOQ-30122018.xlsx /Electrical works/B Panelboards: As per the drawing EL-GN-026, there is a mosque panel feed from MDB3.but in BOQ there is not mosque panel. Please provide electrical DB details of mosque panel and add to BOQ if required.	DB mosque is out of contractor scope of work. The contractor shall only supply and install the feeder from MDB-3 to existing DB mosque as shown in the drawings and specified in the BOQ and the specifications
14	ACTIVE Components (System in charge of all system networking “Cisco switches and Routers”)–No Specifications	Switches, Routers and servers are active components that are being updated every 6-month by vendors and manufacturers in terms of latest technology and application as well. Therefore, Routes and servers devices are out of current tender that shall be specified and supplied by others in the future.

15	SMATV (Satellite Master Antenna Television system)–No Specifications	TV system specification added, please refer to the attached specification section EL-17. Revised BOQ will be provided in an addendum.
16	EMERGENCY Lighting–No Drawings & No Specifications	Kindly refer to BOQ section (V) Item #33,34,35 for specification of EM. Lighting. Revised BOQ will be provided in an addendum.
17	FIRE Fighting-No Specifications	Kindly refer to the Mechanical BOQ item #34 and to the technical specification section EL-02 "Fire Detection and Alarm system" and to the added Division MC-09 " FM200 Fire suppression system". Revised BOQ will be provided in an addendum.
18	FIRE Alarm & Voice Evacuation–No Specifications	Kindly refer to the technical specification section EL_02 "Addressable Fire Alarm System" & to the added Division MC-09 " FM200 Fire suppression system" & to section (EL-03) Voice Evacuation system (voice Alarm)
19	<p>- We are trying to get a technical and commercial offer from many waste treatment plants STP, but they all ask for requirements from you, so that they can determine the capacity of the STP. Many manufacturers ask for the following requirements:</p> <p>1. What is the number of in-patient and out-patient, total number of staff and expected visitors in the Hospital.</p>	<p>The specification for the hospital waste water will be shared through an amendment.</p> <p>The peak daily 'In' flow=35m3 per day for each treatment plant, which means 70 m3/day for both of them.</p>

	2. Also the proper outlet quantities from the building, the quality of the liquid to be treated, human waste, type of chemicals used, kitchen outflows etc.,	
20	There is a lack of information for STP Unit , we need more information about it.	Please Refer to the above answer.
21	You wrote that the tenderer should have Two similar projects at the last Seven years ( while all Iraqi contractors stayed without works for Four years 2014-2018 ) , We believe that the experience in One Project is enough since the Project is ( REHABILITATION not NEW CONSTRUCTION ) , or you open the History experience .	The requirement for similar experience is clearly mentioned in Section 4 "Minimum of 2 similar contracts for rehabilitation/renovation/construction over the last 7 years. One of the similar contracts shall be rehabilitation/renovation/construction of hospital over the last 7 years with minimum value of USD 5,000,000". However, if there will be any changes in the requirements, it will be provided through an addendum.
22	Can we submit the Bid bond in Iraqi Dinars?	It is strongly recommended to provide a bank guarantee in USD. However, other convertible currencies may also be accepted.
23	There is no information about Fire Fighting System?	Kindly refer to Mechanical BOQ item #34 and to the technical specification section EL-02 Fire Detection and Alarm system" and to the added Division MC-09 " FM200 Fire suppression system". Revised BOQ will be provided in an addendum.

24	<p>At the documents with "ITB_804_18-BOQ-30122018" reference we need clarification for the item number 1 of Lighting section. What do you mean by lighting points? Is this an existing point or new to be supplied and installed.</p>	<p>1- Lighting fixtures including fitting, lamps, drivers...etc as specified (refer to Electrical BOQ items No. V-3 to V36). Revised BOQ will be shared in an addendum.</p> <p>2- Lighting points including wiring, conduits, boxes, switches...etc as specified in the mentioned item (Supply, establish, connect, and commissioning of current source point for lighting, fan or exhaust using best quality single wire 2.5mm<sup>2</sup> inside pvc conduit 20mm with lighting switches and fixing requirements with all requirement to complete a good work), which means it's a new point to supply and install.</p>		
V	<p>LIGHTINGS</p> <p>TECHNICAL SPECS SECTION EL-01 TECHNICAL SPECS SECTION EL-12 Electrical Drawings (EL-GN-1,2,36)</p>			
	<p>Supply, establish, connect, and commissioning of current source point for lighting, fan or exhaust using best quality single wire 2.5mm<sup>2</sup> inside pvc conduit 20mm with lighting switches and fixing requirements with all requirement to complete a good work: It is the responsibility of the contractor to provide lighting fixtures which provide required LM and Color temperature. Supply, Install, Testing, Commissioning Lighting fixture including lamps, and electrical connection, complete in all aspects as shown on drawings.</p>			
1	Lighting points	NO.	1.980	
25	<p>the Item ( 1.2 DESCRIPTION OF WORK Work includes providing all materials, equipment, accessories, services, and tests necessary to complete and make ready for operation by the Owner, Building Management System (BMS) in accordance with the</p>			<p>We will share the BMS point list through an amendment.</p>

	<p>schematic diagrams, schedule of points, performance narratives, and specifications)  in file BMS - MCC , the phrase( schedule of points ) not existent in this file .  please check that and send .</p>	
26	<p>The item ( waste water treatment plant package ) in Mechanical BOQ.  please the specification for this plant not existent in all specialties file .</p>	<p>The specification for the hospital waste water will be shared through an amendment.  The peak daily 'In' flow=35m3 per day for each treatment plant, which means 70 m3/day for both of them.</p>
27	<p>I need to determined features for waste water inlet to plant and the feature for outlet water from plant here in after some feature :-  BOD5 , TSS , temperature .</p>	<p>The daily inlet volume of water to the plant is 35 m3 for each plant so in our case it's 70 m3 for both plants but the outlet volume of water depends on the quantity of solids entered with water to the plant. The treated water can be then used for irrigation purposes. Other specifications will be shared through an addendum.</p>
28	<p>when we opened the tender there is no medical equipment only medical furniture and there is no information about that and you know all medical machine is different so we want to know if medical Tender will be announced or not because you know we want to calculate all information for switch, electric source and all mechanical and electrical work so this information is very important for example for x-ray we want to put earth point and if the x-ray is fixed we want to put cable underground so all this information is very important.</p>	<p>Medical equipment is not part of this project.</p>

29	<p>in our meeting in Ibn alatheer hospital enduser the MOH-Mosule say the specification not like UN specification because for example we can reach and cover all specification by Korean brand or Turkish but the enduser refused that only some brand we want to know you accept depending in enduser signature or depending on UN tender specification.</p>	<p>UNDP will accept any materials comply with the BoQ, drawings, compliance sheets and the technical specifications.</p>
30	<p>Later to the issued Minutes of Pre-Bid Meeting, and regarding the answer of the third question that all necessary compliance sheets will be provided by UNDP in an addendum shortly; do the catalogs, warranties and ISO certificates will be required only for the items in compliance sheets, while it will not be required for any other item outside items in the compliance sheets?</p>	<p>Bidders shall submit the catalogs, warranties and ISO certificates for all required equipment.</p>
31	<p>Regarding Granite Items of numbers 2 &amp; 3 under the Architectural works/Floors Finishing and Skirting, there are contradictions between the related drawings and the items description in the BOQ which affected directly the cost, please advice what we have to follow to conclude our price. Do we have to follow the drawings or the items description of the BOQ?</p>	<p>Disregard the thickness of the Granite Tiles (2mm) in drawing AR-118 as it is typo and follow the BOQ where the thickness of the tiles 20mm for floors and 30 mm for stairs.</p>
32	<p>The elevator specs calls for 3 stops although there are only, with ground and first floor, 2 stops; Are there any reason why we wouldn't use an elevator with 2 stops only?</p>	<p>This is for vertical expansion in the future.</p>
33	<p>Do we still need the softener system, after the elimination of reverse Osmosis?</p>	<p>Softener system is required, please refer to the mechanical BOQ item#30. The revised BOQ will be provided through an addendum.</p>