

Clarification to Bidders Responses		
#	Question	Answer
1	There is no mention of the excavation work in between the lightning pole columns i.e. the depth of excavation, distance between columns, electrical cables will be through galvanized steel pipes or PVC plastic pipes or covered with sand only etc., please just for reminding you that the columns of street light will cover a distance approximately seven to eight kilometers in length.	Excavation works are mentioned for poles footing within footing item description, and as for excavation between poles, most wiring will be aerial as mentioned in BoQ, however, some cables will be under ground, mostly when the cables cross the street, and there is a separate item for excavation (<u>Item B-3</u>) in accordance to drawing <u>ST-09</u> but with difference in using sleeve and being applicable to all types of wires and cables, where the sleeve diameter shall not be less than 3 inch pipe (galvanized steel pipes). The Distance between poles is shown on PDF and CAD drawings (<u>ST-12</u>), however, as mentioned in site visit, most of the time poles will be on the same side of the road to reduce excavation of cable trenches and will be decided by the Engineer upon start of project in coordination with Contractor and JSC-Irbid. The distances between poles in average are around 20m on drawings, but (this could be changed to become 25-30m to reduce new poles number and to be decided upon contract award before construction start order). As for the distance to be covered by in length, it is less than what is mentioned in question, and is shown on tender drawings. Drawings link is on the UNDP Procurement website, and could be found through this link: https://drive.google.com/open?id=1fiE9GfZr8ZUXwc8_Vy8ozS3CSFqcfJYT
2	Regarding joint venture, article 19 in section 2 of volume 1, is it allowed to have more than two companies in joint venture? What are the requirements?	As mentioned in Article 19, a joint venture is allowed for a group of entities (refer back to the exact wording of article), it did not specify the number of partners in JV, however, it is preferred that joint venture does not exceed 3 partners (this is only a preference). The requirements of JV are explained in the tender documents. The lead entity and the representative of JV with shares and requirements as per ITB shall be clearly shown in bid.
3	Regarding volume I, annex I, "Entity Classification", it is mentioned that entity required classification is class "E", is this classification in accordance to "Energy & Minerals Regulatory Commission" classification since they are the	The Classification of Ministry of Energy and Minerals is accepted as it is allowed by law for companies of Grade 1 to 3 of Energy & Mineral Regulatory Commission to implement renewable Energy projects for all stations capacity, however, and due to the construction works accompanying the solar PV stations, it only allowed for such companies to apply for the tender only if there is a joint venture with

	commission assigned for renewable energy projects construction in Jordan, or in accordance to other entity?	construction company of grade (E) and Jordan Construction Contractors Association.
4	Should we submit materials submittals? if yes for which items?	The Bidder shall submit a list of major material that is going to be used, particularly fill part 5 of section 3 of Volume II with relevant catalogs/data sheet.
5	Is it Required Royal Scientific Society as third party? if No is it enough the third party related to manufactures if the materials from outside?	A third part for what? Generally, any third party required in the contract shall meet requirements and be approved by Engineer during construction.
6	Referring to Data sheet (10) "Acceptable forms of Bid Security": a-Bank Guarantee (See Section 8 for template) b- Any Bank-issued Check / Cashier's Check / Certified Check, for this item should we choose one if we choose Any Bank-issued Check / Cashier's Check / Certified Check should we attached a cover letter for descriptions?	The approved forms are bank guarantee or one of the check options shown in ITB document.
7	Is this project tax exempt?	All prices/rates quoted must be exclusive of all taxes, since the UNDP is exempt from taxes. Please refer to clause #56 "Taxation" of the UNDP General Conditions of Contract for Works. The Contractor shall be responsible for the payment of all charges and taxes in respect of income including value added tax, all in accordance with and subject to the provisions of the income tax laws and regulations in force and all amendments thereto. It is the Contractor's responsibility to make all the necessary inquiries in this respect and he shall be deemed to have satisfied himself regarding the application of all relevant tax laws.
8	Regarding BOQ items (15, 16, 17, & 18), " <i>Lighting System Cable</i> ", the BOQ description is 4 Cores, while in Tender drawing " <i>Street Lighting System SLD</i> ", the description is 3 Cores, please clarify.	This was answered in site visit, kindly refer to Minutes of Pre-bid Meeting and Site visit record on website.
9	Regarding BOQ items (12 & 13), it is mentioned in BOQ that lightning protection & earthing is required for each pole, can you provide specifications and / or detail drawing for this item?	There are no requirements or additional item required for this description (this could have been needed if the poles are not of steel), just mentioned to ensure the understanding that material used and work installation will allow the pole to relief lightening effect or any other electrical residual effect into the ground, which is natural for steel poles and particular details if needed shall be proposed by Contractor.
10	Regarding BOQ item (20), the statement " <i>The contractor shall connect the Balance Control Room & Main Gate</i> "	The Cables will be connected aerial, and in case it is under ground, the cost of trench required would be as priced in item (b-3) in BoQ.

	<p><i>Building & Old Admin Building to the Backup Generator System”, can you specify:</i></p> <ul style="list-style-type: none"> • The cable connection method (Aerial or Underground). • Details of the Emergency DB near the Generator. • A detail of the Emergency DB's in each building. • Size of cables 	<p>As for the details of DB's and size of cables, the Contractor shall submit his proposal during construction in accordance to adopted project general specifications.</p>
11	<p>Regarding BOQ item (5), AC Cables from inverters to MDB, can you specify if the cables are Aerial or Underground?</p>	<p>Generally, in this project, most of wiring will be aerial through the installed poles, however if needed (IE at roads crossings) the cable will be underground through the same trench excavated for other cables, where the trench is priced in item (b-3) and will be used for several cables of different uses as specified in BoQ. The trench is measured by m.r. regardless of how many cables go through it, however, contractor shall take Engineer's approval for trench location and what cables are going through before excavation starts</p>
12	<p>The required depth of excavation for poles is 3.30m & 2.60 m. However, the specified length and width of the pit is 0.8 X 0.8m. is dimension is too narrow, the required depth can't be achieved unless the length and width is minimum 1.5X1.5m which will increase the cost dramatically. Kindly check the specification and confirm on the required parameters.</p>	<p>The excavation for working area required to facilitate installation and completion of works are at the cost of the contractor including remedies to return to original status and what will be measured and paid for by UNDP are the dimensions required in drawings.</p>
13	<p>BoQ Items 1 & 2 usually details for similar works require the top level of foundation to be the ground level at that point, and the base plate is above ground level. Thus, kindly confirm if you still require reducing the top of the foundation level to 1m below ground level?</p>	<p>The bidders are required to abide by design drawings and BoQ description as mentioned in bid documents.</p>
14	<p>Regarding BOQ item (19), the number of panels (DB & FP's) is (5), while in the drawings they are (4) Panels, can you clarify?</p>	<p>The additional is contingency for other places that could be required to be installed at during works, if not used, the measurement will be as requested by Engineer and contract and actually implemented.</p>
15	<p>As mentioned in the site visit, there will be light fixtures in the car park area; can you specify the number of fixtures required & their specifications?</p>	<p>It is specified in the site visit record on the website (Q11).</p>

16	<p>Is there any recommended Brands / Origins for the following major items:</p> <ul style="list-style-type: none"> • Standby Generator. • LED Street light. • Distribution Panels. 	<p>The requirement is to abide by the required specifications of the Tender, and the compliance sheet (Volume (I, section 3, part 5). Any brand mentioned in Bid documents is only as a reference to supply similar or better than it.</p>
17	<p>Regarding BOQ items (12 & 13), and the detail of the lighting pole, it is not mentioned that the pole requires anchor bolts & baseplate. But in Civil BOQ, items (1) & (2), they are required (Anchor bolts (4x25mm) & baseplate (min. 250mm thick) in the description of item (2)). Please clarify if we shall follow the Electrical BOQ or the Civil BOQ?</p>	<p>For pole & footing connection detail please check drawing (ST-01). It is also mentioned in BoQ item A-12&13 that there is a base plate which is a fabricated part of the pole, in item B-1&2, there is also a separate base plate that will be used as a permanent gauge plate, where the four anchor bolts will be installed in footing, both plates shall have openings for the anchor bolts. Where the anchor bolts are considered part of the footing. The details of pole connection to the footing including plates and bolts is shown in drawing (ST-01), the base plate connection will be covered by grout or plaster after installation for protection of natural soil.</p>
18	<p>Is the access door shown on the Pole's sketch is required?</p>	<p>Yes, it is required. All BoQ items include the relevant details in drawings.</p>
19	<p>Kindly clarify the working load of the poles?</p>	<p>This is out of the scope of Contractor's bidding process, the contractor shall price the pole as detailed in drawings and minimum requirements of specifications, BoQ item description, technical requirements of bid and specs.</p>
20	<p>The wind maximum wind speed and gusts expected in the area of the project?</p>	<p>This is for the Contractor to investigate on their own.</p>
21	<p>BoQ item # 23 is the new meter will be installed as an upgrade of the old one, kindly clarify the location and size of the existing Electric meter?</p>	<p>No, the new meter is separate of the old meter, the old meter is connected to other elements in the landfill. The location and size of all existing electrical elements on site including meters was and still is available for bidder to check through site visits.</p>
22	<p>For the L- shaped new parking lot PV system at the new administration building, is it possible to connect the new system the existing smart meter, thus who is responsible costs of the application and upgrade on the meter?</p>	<p>This was mentioned in the site visit and included in the site visit record online. The bidder could through site visit estimate from their experience whether if panels near new admin building connected to the smart meter near them needs upgrade</p>

		or not and plan it in their price. Any follow up with Electricity company or MEMR for any approvals is to be done by Contractor.
23	If the new systems require new transformers at the location (in case the existing transformer can't take the new load), kindly confirm that it is not the contractors' responsibility to purchase new transformers through IDECO?	If any additional works that are not covered by BoQ or contractor scope of work, a variation order might be issued with where only direct costs will be covered in addition to management fees percentage shown in BoQ for all other price breakdown (overhead, profit...etc.), This percentage is not allowed to exceed 25%.
24	Kindly clarify the required location the screen of the monitoring system (which building) and is there a data (internet point) there?	Internet point provision if needed is not part of the scope of the BoQ to be priced however connection to it is required, and available network points could be identified through site visit by the bidder, the monitoring system location will be specified either at old or new admin building.
25	Item 3 Civil works can we replace the steel sleeve with a UPVC sleeve as it does the same job and saves cost?	This cost saving could be discussed during construction, and will be part of value engineering activities done by project team (Contractor and Engineer), however, for bid purposes, the bidders shall price the items as described in bid documents.
26	Regarding Tender drawing " <i>Street Lighting System SLD</i> ", can you specify: <ul style="list-style-type: none"> The location of Panels: Main MDB, DB, FP1, FP2, FP3. The Cable size & Installation method of Cable (aerial or Underground) between the 3 Inverter Panels (MDB's) & the main MDB If the main MDB is in the contractor's scope. (If Yes, the panel detail is required) 	<ul style="list-style-type: none"> The location of the DB, FP1, FP2 and FP3 is declared in Drawing "Ekaider-08-R03" Below updated drawing DCAD2) the MDB is 20 m far from the DB at the old Building. As in Drawing "ST-13 Street lighting SLD". From inverters, underground included in inverters cables item prices(Below is new updated drawing – DCAD1) The contractor can use the existed MDB in the site if it is possible, otherwise the contractor shall install another MDB to connect the new loads. In the second case with no extra cost the contractor shall use the DB details for the MDB as in the Tender documents. <p>drawings annex: DCAD1: https://drive.google.com/open?id=1n88aCxnPqu-uNq7AhPY_qnpU2LjG_FCr DCAD2: https://drive.google.com/open?id=1OqonXEHeVBd8TY61WYWHq8UqteVkJ2IKm -</p>
27	Reference is made to the above subject kindly advise if we can submit the bank guarantee in JOD instead of USD	The bank guarantee can be in JOD but in similar value to the one required in ITB in accordance to UN exchange rates.