



**CLARIFICATIONS FOR HIGH-VOLTAGE DISTRIBUTION SYSTEM (HVDS) + SECURITY LIGHTING WORK PACKAGES FOR
MARKETS AND ECONOMIC ENCLAVES (M+EEs)**

BID REFERENCE: 5420300/IFB/CB/05/19

S/N	Ref	Question	Answer
1	<p>Section IV. Bid Submission Forms, Sub-section 2.6 Technical Data Schedules (TDS)</p> <p>Page 62.</p>	<p>Page 62 of the tender documents refers to some TDS tables which is supposed to be in the google documents in the TDS folder, however there seems to be no tables referenced in the tender document in the folder. Can you please check and confirm?</p> <p>Below is an extract from the tender with references to the TDS table which doesn't exist in the folder.</p> <p>The following technical data schedules for PDS Network of Accra West and East Regions and NEDCo Network of Tamale Service Area are provided in the Bidder, Technical Data Sheet file in the group of files found in the google link below:</p> <ul style="list-style-type: none"> • Table 3-2. HVDS Equipment Description and Reference Manufacturer and Catalog Number http://bit.do/AccessProjectBidDocs • Table 3-3. Pole-mounted Distribution Transformers http://bit.do/AccessProjectBidDocs 	<p>The TDS Tables under reference indeed exist in the Folder and is labelled “Technical Data Sheets” (an excel file). Further clarity has been provided by correctly labelling the Tables in the excel file to correspond with what pertains in the IFB document.</p> <p>Please note that it is necessary to access the technical data sheet files from a google drive through the link provided. If clicking on the link does not work, copy the link and paste it in the URL line of your browser.</p>

		<ul style="list-style-type: none"> • Table 3-4. Ring Main Unit http://bit.do/AccessProjectBidDocs • Table 3.5. Guaranteed Technical Parameters for Self-supporting Aerial Bundled Cables http://bit.do/AccessProjectBidDocs • Table 3-6. Guaranteed Technical Parameters for Poles http://bit.do/AccessProjectBidDocs • Table 3-7. Guaranteed Technical Parameters for Meters http://bit.do/AccessProjectBidDocs • Table 4. Security Lighting Equipment Description and Reference Manufacturer and Catalog Number http://bit.do/AccessProjectBidDocs 	
2	Section II. Bid Data Sheet (“BDS”) BDS ITB 20.1 Page 32	I believe the bid security can be Ghana cedi equivalent?	<p>The currency and amounts of the Bid Securities are given in BDS Sub-Clause ITB 20.1 of the IFB.</p> <p>The currency of the Bid Securities cannot be changed.</p>
3	Section IV. Bid Submission Forms Page 57.	Secondly, we were asked to follow a link for the quantities, but I am having difficulties accessing the link so, if you can send me with quantities aspect of lot three (3)?	<p>Instructions for following any link in the IFB have been given in Section V. Bid Submission Forms – Blank Bills of Quantities to be priced by Bidders; page 57 of the IFB.</p> <p>Kindly follow the instructions provided on pages 57 & 84/85 of the IFB to access the documents.</p>

4	Section V. Work Requirements, Sub-section 3.3 General Technical Requirements Page 111	Please can you send us the ECG/PDS specifications (i.e.; E21, E18 etc.). The link provided in the document (page 111) does not include the aforementioned.	The Specifications for E18, E21 and E24 have now been provided in the google drive.
5	Section III: Bid Review, Evaluation Criteria, and Bidder Qualification Requirements Sub-Factor 2.4.3 Specific Experience in Key Activities Page No. 47	Erection and installation of 700 No. of wood poles by hand without heavy machinery. Kindly clarify whether erection and installation experience in concrete poles or steel poles will also be acceptable	The nature of the Project's locations requires the installation of wood poles by hand without heavy machinery. Erection experience installing concrete poles by hand without heavy machinery would be an acceptable demonstration of the Bidder's ability to install project poles. Experience with installation of steel poles by hand would also be considered as an acceptable demonstration of the ability to install wood poles by hand.
6	Section III: Bid Review, Evaluation Criteria, and Bidder Qualification Requirements Sub-Factor 2.4.3 Specific Experience in Key Activities Page No. 47	<ul style="list-style-type: none"> • Installation of 5,000 No. of STS split meters with CIU and AMI Kindly clarify whether installation experience for any type of energy meter will also be acceptable.	The Project requires the installation of STS split meters with CIU and AMI. Supplemental information about the vendor's installation experience with other similar types of meters is useful. Supplemental information should note the exact types of meters (manufacturer and model number).
7	Section III: Bid Review, Evaluation Criteria, and Bidder Qualification Requirements Sub-Factor 2.4.3 Specific Experience in Key Activities Page No. 46	As per the Qualification Criteria, Each member in Joint Venture must meet requirement stipulated in 2.4.2 Similar Experience. Kindly clarify whether it is acceptable if all JV partners combined meet the qualification requirement stipulated in 2.4.2 Similar Experience.	It is acceptable if the combination of all JV partners meets the stipulated qualification requirements noted in 2.4.2.
8	Section IV. Bid Submission Forms, sub-section 2.6		Unless otherwise limited by the specifications, citation of specific

	<p>Technical Data Schedules (TDS)</p> <p>paragraph starting (..... Technical Data Sheet File in the group of files found in the google links...)</p> <p>Page 62.</p>	<p>In Excel file Bidder, Technical Data Sheets, for most of items make & catalogue number of equipment is indicated</p> <p>Kindly clarify whether bidder is obligated to offer specified makes or is free to provide other makes meeting technical specifications.</p>	<p>manufacturers and catalog numbers is for reference only, and Bidders may propose equivalent equipment or materials from other manufacturers. In the event a Bidder proposes equipment or materials from different manufacturers than those referenced, it is the responsibility of the Bidder to demonstrate equivalency. This may be done by submitting catalog cutsheets, drawings, and data sheets with the proposal that clearly show that the offered material is equivalent to that referenced. In the event the Bidders proposal is accepted, and an award made, Bidder shall supply the materials and equipment of the manufacturer and catalog number in the approved Proposal. Subsequent to award, substitutions of materials or equipment of different manufacturers or catalog numbers is not allowed without the express written approval of MiDA.</p>
<p>9</p>	<p>Section IV. Bid Submission Forms</p> <p>Page 57.</p>	<p>We like to request for bill of quantities (BOQ) of lot 3 with the project title below; 3. HVDS + security lighting work package 3 (3M&EEs in Tamale) and to be completed in twelve (12) calendar months from start date.</p> <p>We were asked to follow a link for the (BOQ) but lot 3 (BOQ) was not found.</p>	<p>BOQ for Lot 3 is already provided through the google link. It is found in the google drive folder labelled 'BOQ'. All the BOQs including the Lot 3 BOQ are found in the excel file provided in the folder. Make sure you access all tabs/sheets, including hidden tabs in the excel file.</p>

10	<p>Section IV. Bid Submission Forms</p> <p>Page 57.</p>	<p>Kindly clarify the lumens/wattage for the LED Canopy Light, 1690 Lumens, 4000K, 41W in the BOQ. The efficacy of this light’s specification is not consistent with typical LED efficacies. As per calculations, the wattage is 14W and not 41W as stated in the BOQ. Standing by for your response.</p>	<p>Details revised as follows: Canopy light should be 6500 lumens, 4000k, 53W</p>
11	<p>Section V. Work Requirements, sub-section 3.3 General Technical Requirements</p> <p>Page 111</p>	<p>As mentioned in the pre-bid meeting (HVDS and security lighting) concerning specifications of the equipment (wooden poles, transformers, RMUs etc.) to be procured, we humbly write to request for the ECG specification documents for each equipment to be procured on this project.</p>	<p>See response to Q4. The ECG specifications for poles, transformers, and ring main units, which are the only ECG specifications used in the project, are in the Google link. Other specifications are included in the Bid Document (Table 3-2) and also in the Technical Data Sheet. The Bidder needs to look up the reference manufacturer and catalog number on the internet so they can see what the characteristics of the items are.</p>
12	<p>Section II. Bid Data Sheet (“BDS”)</p> <p>BDS ITB 15.6 & 20.1</p> <p>Page 32, & Section III: Bid Review, Evaluation Criteria, and Bidder Qualification Requirements, Sub-section: C. Qualification Review</p> <p>Page 38</p>	<p>Is possible for a Bidder to go for a combination of two Lots and what are the requirement for placing and submitting such bids appropriately.</p>	<p>Refer to Section II. BDS Sub-Clause ITB 15.6; “Bidders are being invited for individual lots/combination of lots”. Page 32.</p> <p>The requirements for multiple Lots are given in Section II. BDS Sub-Clause ITB 20.1; page 32 & Section III: Bid Review, Evaluation Criteria, and Bidder Qualification Requirements, Sub-section: C. Qualification Review. Page 38.</p>

13	<p>Section V. Work Requirements, Sub-section 3.3 General Technical Requirements</p> <p>Page 111</p>	<p>In the technical specifications, we noted that some specific brand names have been mentioned for some products that should be procured for project installation. Are other brands acceptable??</p>	<p>See response to Q 8 above.</p>
14	<p>Section V. Work Requirements</p> <p>Page 150</p>	<p>This project seeks to construct a new HVDS dedicated to the M&EEs; is it part of the contractors' scope to retire the existing distribution systems (including parts of the network that were not impacted by the construction of the new HVDS) in the M&EE after constructing the new HVDS?</p>	<p>Bidders are required to catalogue, remove and dispose of all equipment that would become obsolete by the new HVDS.</p>
15	<p>Section III: Bid Review, Evaluation Criteria, and Bidder Qualification Requirements</p> <p>Sub-Factor 2.4.3 Specific Experience in Key Activities</p> <p>Page No. 47</p>	<p>Please note installation of poles without heavy machinery is very common practice irrespective of material of the pole whether wood or steel or concrete. Whereas the qualification as per given section asks for wood poles only which makes the qualification restrictive to limited companies finally making the bidding non-competitive.</p> <p>We understand the job has to be carried out in congested urban areas where movement of heavy machinery is not possible. In line with which we have completed many projects of distribution networks / street lighting in heavily congested areas in countries like India by hands. So, we request you to modify the condition for installation of poles irrespective of material of pole (wood / steel / concrete) without use of heavy machinery,</p>	<p>See the response to Q 5 above.</p>

16	<p>Section III: Bid Review, Evaluation Criteria, and Bidder Qualification Requirements</p> <p>Sub-Factor 2.4.3 Specific Experience in Key Activities</p> <p>Page No. 47</p>	<p>OR</p> <p>Kindly clarify if the bidder has done desired number of poles (wood / steel / concrete) installation for LV / MV Distribution lines / street light poles /t-off for HT consumer connections etc. without use of heavy machinery will qualify.</p>	<p>See responses to Q 5</p>
17	<p>Section III: Bid Review, Evaluation Criteria, and Bidder Qualification Requirements</p> <p>Sub-Factor 2.4.3 Specific Experience in Key Activities</p> <p>Page No. 47</p>	<p>Please note that as on date the meters installed in Ghana are mostly Non – STS (Pre-payment metering system). The STS or CTS systems are software which is related to only vending mechanism and have no difference in physical meter installation practices. Prevailing meter (with CIU and AMI) installation practices in Ghana are same for both kind of systems (STS / CTS).</p> <p>The existing clause will restrict participation of most of the Ghanaian Installation contractors and Companies.</p> <p>We request you to please modify the condition to as below:</p> <ul style="list-style-type: none"> • Installation of 5000 No. of prepayment split meters with CIU and AMI. <p>Or</p> <p>Kindly clarify if bidder has completed desired number of installations of any prepayment meter will qualify.</p>	<p>Experience with installation of non-STS split type prepayment meters with the customer interface unit (CIU) and Automated Meter Infrastructure (AMI) communications is acceptable.</p>
18	<p>Section III: Bid Review, Evaluation Criteria, and Bidder Qualification Requirements</p> <p>2.4.2 Similar Experience</p> <p>Page No. 46</p>	<p>Kindly clarify whether it is acceptable if all JV partners combined meet the qualification requirement stipulated in 2.4.2 Similar Experience</p>	<p>At this time, the answer is No.</p> <p>As stipulated by 2.4.2 page 46 of the IFB, each member must meet requirement.</p>

19	<p>Section IV. Bid Submission Forms, sub-section 2.6 Technical Data Schedules (TDS)</p> <p>paragraph starting (..... Technical Data Sheet File in the group of files found in the google links...)</p> <p>Page 62.</p>	<p>Kindly clarify whether bidder is obligated to offer specified makes or is free to provide other makes meeting technical specifications.</p>	<p>Refer to Answer to Question 8 and Question 13 above.</p>
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