



**CLARIFICATIONS FOR CONTRACTORS FOR DEPLOYMENT OF LV BIFURCATION AND NETWORK IMPROVEMENT
(IDIQ – MULTIPLE AWARD)**

CB NO: 5140200/IFB/CB/01/19

SI	Ref	Question	Answer
1	General	<p>The document for the above contract did not specify the percentage rate and the amount for the Bid Security.</p> <p>We would appreciate if you could clarify this issue.</p>	<p>The Bid Security form was provided in the IFQ so that Bidders can check the format is acceptable to their bankers. No Bid Security is required with the initial submission.</p> <p>Bid Security will be required when responding to Works Requests but that will only be a concern for the Contractors who have been awarded an IDIQ Head Contract.</p>
2	Section V Works Requirements - Drawings	<p>Dwg No. PMC-5091019-LVB-ACH-001</p> <p>Title of the drawing is 11kV Single Line Diagram but the feeder is 33kV.</p>	<p>The feeder is a 33kV feeder and the transformers are 33/0.433kV. The legend is incorrect. The corrected legend can be downloaded from the google link below;</p> <p>https://drive.google.com/drive/folders/1DGln0KkCrO27i9ZNxTB_78HWy3dgBVhL?usp=sharing</p>

SI	Ref	Question	Answer
3	Section V Works Requirements - Drawings	Dwg No. PMC-50910 19-LVB-22, PMC-50910 19-LVB-23 Drawing No. for drawings PMC-50910 19-LVB-22 & PMC-50910 19-LVB-23 is wrongly written as PMC-50910 19-LVB-20	The corrected drawing nos. can be downloaded in the google link below; https://drive.google.com/drive/folders/1DGIn0KkCrO27i9ZNxTB_78HWy3dgBVhL?usp=sharing
4	Section V Works Requirements – Drawings & Notional BOQs	Dwg No. PMC-5091019-LVB-001 What is Chafe Tape? It is mentioned in the BOQ of all the structural drawing but not mentioned on the drawing.	Chafe tape is an insulation tape. The Chafe tape is on the “key list” on all the structural drawings but not as an item in the notional BoQs. It is part of “all accessories” in the notional BoQs and Bidders are to consider all accessories that form part of the requirement in Specifications and Drawings in their All-In-Rate for the various items.
5	Section V Works Requirements – Drawings & Notional BOQs	Dwg No. PMC-5091019-LVB-001 Item "M16 FLAT SQUARE WASHER" is mentioned in the BOQ of many structural drawings but not mentioned on the drawing.	"M16 FLAT SQUARE WASHER" is found on the “key list” on the Drawings but not itemised in the notional Bills of Quantities. Bidders are to consider all accessories that form part of the requirement in Specifications and Drawings in their All-In-Rate for the various items.
6	Section V Works Requirements – Drawings & Notional BOQs	Dwg No. PMC-5091019-LVB-001 Item "30X3MM GALVANIZED NAIL" is mentioned in the BOQ of many structural drawings but not mentioned on the drawing.	"30X3MM GALVANIZED NAIL" is found on the “key list” on the Drawings but not itemised separately in the notional Bills of Quantities. Bidders are to consider all accessories that form part of the requirement in Specifications and Drawings in their All-In-Rate for the various items.

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7	Section V Works Requirements – Drawings & Notional BOQs	Dwg No. PMC-5091019-LVB-015, Item No. 5,6 & 14 These items are mentioned in the BOQ but not in the drawing	These items (5, 6 & 14) are found on the “key list” on the Drawings but not itemised separately in the notional Bills of Quantities. Bidders are referred to the notional Bills of Quantities to consider all accessories that form part of the requirement in Specifications and Drawings in their All-In-Rate for the various items.
8	Section V Works Requirements – Drawings & Notional BOQs	Dwg No: PMC-5091019-LVB-016, Item No. 7,11 These items are mentioned in the BOQ but not in the drawing	These items (7 &11) are found on the “key list” on the Drawings but not itemised in the notional Bills of Quantities. Bidders are to consider all accessories that form part of the requirement in Specifications and Drawings in their All-In-Rate for the various items.
9	Section V Works Requirements – Drawings & Notional BOQs	Dwg No: PMC-5091019-LVB-017, Item No. 6,9 These items are mentioned in the BOQ but not in the drawing	These items (6 & 9) are found on the “key list” on the Drawings but not itemised in the notional Bills of Quantities. Bidders are referred to the notional Bills of Quantities to consider all accessories that form part of the requirement in Specifications and Drawings in their All-In-Rate for the various items.
10	Section V Works Requirements – Drawings & Notional BOQs	Dwg No: PMC-5091019-LVB-018, Item No. 7,8,9,11 These items are mentioned in the BOQ but not in the drawing	These items (7, 8, 9 & 11) are found on the “key list” on the Drawings but not itemised in the notional Bills of Quantities. Bidders are to consider all accessories that form part of the requirement in Specifications and Drawings in their All-In-Rate for the various items.

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11	Section V Works Requirements – Drawings & Notional BOQs	Dwg No: PMC-5091019-LVB-019, Item No. 15,16 These items are mentioned in the BOQ but not in the drawing	These items (15 & 16) are found on the “key list” on the Drawings but not itemised in the notional Bills of Quantities. Bidders are to consider all accessories that form part of the requirement in Specifications and Drawings in their All-In-Rate for the various items.
12	GCC 42	How will you manage Price Variation for IDIQ (Indefinite Delivery and Indefinite Quantity)?	<p>The IDIQ Head Contract has only schedule of fully-loaded rates for items of work but with zero value and therefore Price Variation is not applicable.</p> <p>Price validation may be applicable to Work Orders in accordance with provisions of GCC Clauses 41 & 42. However, Bidders shall take note of the preamble to the notional BOQs which states;</p> <p><i>“The rates and prices in the priced Schedules of Fully-Loaded Rates shall include all Construction Plant, labour, supervision, materials, erection, maintenance, insurance and profit, together with all general risks, liabilities, and obligations set out or implied under the IDIQ Contract and the resulting Work Order. They shall cover all of the Contractor’s obligations under the Contract and all matters and things necessary for the proper execution and maintenance of the Works”.</i></p>
13	Section V Works Requirements – Technical Specifications	What is the type of core for Pole Mounted Transformer -- CRGO/ Amorphous?	CRGO as per specification E21.

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14	Section V Works Requirements – Technical Specifications	Why are 33kV LA and Dropout Fuse gear used if whole work is for 11kV?	There is some 33kV Transformers to be installed in Achimota District.
15	Section V Works Requirements – Notional BOQs	Item No. D900.1 in Bill No. A & Bill No. B Please confirm who will provide drums for redrumming of 50sqmm AAC Conductors	Contractor shall provide the drums for redrumming the conductors.
16	Section V Works Requirements – E&S and H&S	Where to put the decommissioned equipment?	The Engineer shall direct the location for the decommissioned equipment but for pricing purposes, ECG Tema Warehouse shall be used for ECG (Bills A &B) and Tamale NEDCo Warehouse shall be used for Bill C.
17	Section V Works Requirements – Technical Specs & Notional BOQs	BILL No. A4-LV EXTENSIONS in Bill No. A, B & C Who will provide the information regarding phase balancing of transformers?	ECG and NEDCo shall provide the loadings on the Transformers to enable the Contractor to carry out the phase balancing.
18	Section V Works Requirements – Technical Specs & Notional BOQs	Item no. Z 781.1a & Z 781.1b in Bill No. A & Bill No. B & Bill No. C? Are the existing pole mounted structure suitable for installing the New Transformers?	Contractor shall replace the existing structures before installation of new Transformers.

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19	IFB	<p>Our company will like to perform a site survey of the locations for this project next week.</p> <p>Kindly let us know when this can be arranged for us to see the sites.</p>	<p>The Employer cannot arrange site visits with prospective Bidders. The Bidders shall make their own arrangements for site visits.</p> <p>The Bidder may use the GPS coordinates and drawings provided in the specifications to carry out site surveys of the locations.</p>
20	Section V Works Requirements – Technical Specs & Notional BOQs	<p>Notional BOQ – Bill A2, B2,C2 - Transformers</p> <p>Bidding Document contains 2 type of specification for Distribution Transformers i.e. E21 & E56. Which one should be followed?</p>	<p>The E21 specifications shall be used for this project.</p>
21	Section IV: Quotation Forms	<p>Section IV: quotation forms – Technical Schedules 19</p> <p>Technical Schedule for 11kV Line Post Insulator is available but no specification in the bidding document</p>	<p>Specification E15A shall apply to 11kV line insulators.</p>
22	Section IV: Quotation Forms	<p>Section IV: quotation forms – Technical Schedules 7 & 29</p> <p>Spec & Tech Schedule provided for 11kV & 33kV Load Isolator but no Qty in the Price Schedule</p>	<p>11kV and 33kV load isolators will not be required.</p>
23	Section IV: Quotation Forms	<p>Section IV: quotation forms – Technical Schedules 17</p> <p>Insulating Oil Technical Schedule is available but no specification in the document</p>	<p>The insulating oil specification is E36. The insulating oil in the distribution transformers and spares must conform to this specification.</p>

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24	Section IV: Quotation Forms	Section IV: quotation forms – Technical Schedules 27 Pole Mounted Cutout Technical Schedule is available. But no Qty in the Price Schedule and no spec is available	The pole mounted cut out specification is specification E17.
25	Section IV: Quotation Forms	Section IV: quotation forms – Technical Schedules 30-33 Service cable technical schedule are available but no spec & no Qty available in the Price Schedule	Contractor shall reconnect all disconnect customers with approved service cable per the specifications and shall include same in the in their All-In-Rate pricing.
26	Section IV: Quotation Forms	Section IV: quotation forms – Technical Schedules 2 Price Schedule called for 4x120sqmm ABC but specification calls for 3x120AAC+1x70AAC	ABC shall be 4x120sqmm.
27	Section V Works Requirements – Technical Specs	NEDCo Specification Not issued with Bid Document	NEDCo specification differ from the ECG specification only in nominal voltage levels 34.5kV and 11.5kV for NEDCo and 33kV and 11kV for ECG respectively.
28	Section V Works Requirements – Drawings	Construction Drawings X arm length in the Spec & construction drawing are different. Which one to be followed.	The drawing lengths shall be followed.

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29	General	I have receive one word document, but without the technical specifications and schedules for the tender.	<p>The technical specifications are all in the bidding document (i.e. one word document) with google drive link.</p> <p>For the technical specifications and performance requirements, kindly go to Section VI Works Requirements on page 185 of the Bidding document and follow the associated google drive link (marked blue) to the Specifications.</p>
30	General	Please we cannot find the bill of quantities in the bidding documents sent to us.	<p>The Bills Of Quantities are all in the bidding document (i.e. one word document) with google drive link.</p> <p>For the Bills Of Quantities, kindly go to Section IV Quotation Forms on page 115 (or thereabout if the pages are shifted) of the Bidding document with the heading Notional BOQs and follow the associated google drive link (marked blue) to the Notional Bills of Quantities.</p>
31	General	Bid Organization template – is there a structure available to allow all the bidders to use the same template?	The Bidding Document contains all the Quotation Forms and Checklist to assist Bidders organise their Bids in accordance with ITB Clause 17.
32	General & Section V Works Requirements - Training	<p>Training – is the employer providing training to receive permits to work etc. during the outages?</p> <p>Any cost for the contractors?</p>	<p>The employer will arrange site induction for the Contractor.</p> <p>No. Contractor will not have to pay for the induction.</p>

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33	Section V Works Requirements – Plant Outage Program	Outage Requests - how in advance should the contractor request the outages?	Kindly Refer to the section 4.6 in the Works Requirements.
34	Section V Works Requirements – Plant Outage Program	Outage Duration – What is the typical outage duration (Open to close permit)?	Typical outage duration shall not exceed 8 hours.
35	General	Work at Weekends – if requested, is there any uplift for the rates?	No.
36	General	Live works – is the employer requesting any live works?	Not necessarily. If Contractor can safely perform live line works it is permissible.
37	Section V Works Requirements – Technical Specs & Notional BOQs	Material Detail – is there any detailed list of materials for the model to price? We noted the tables on the drawings, although it doesn't provide details as dimensions for some materials.	Bidder shall use the notional BoQs together with the drawings and specifications for pricing. Kindly refer to Answer to Question 30 above.

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38	General	Facilities – should the contractor provide office facilities to the employer?	Kindly refer to item A.211.1 in the notional BoQs.
39	ITB 17	In relation to the point 1 above, seems not clear if ITB 17 missing from the document 5140200 - IDIQ IFQ Contractors LV Bifurcation (Issued 140119).doc We understood that the ITB 17 should contain the Organization structure for the documents to submit.	Kindly refer to Answer to Question 31 above.
40	Section V Works Requirements – Technical Specs	Max tensile strength of Stay Equipment (Stay Rod, stay plate, stay Bow, Stay bracket, stay wire etc.) is to be offered for 65kN or 101kN. In the spec E12 attached with Bid says 65kN for 11kV and 101kN for 33kV in one place. In another place, it is mentioned 101kN for Stay Bow & Stay Rod.	Bidder to conform to specification and Technical Data Schedule.
41	Section V Works Requirements – Drawings	Reference to price schedule “TAMALE TOWNSHIP” item No. Z 900.1f, 11.5kV, 3Phase H Pole Top Structure Drg#: PMC - 5091059 - LVB – 022/023. We cannot find drawing referred “Drg#: PMC - 5091059 - LVB – 022/023” in technical specifications. Kindly request to provide the same.	The drawing reference PMC-5091059-LVB-022/023 refers to drawings nos. PMC-5091059-LVB-022 and PMC-5091059-LVB-023 which can be downloaded from the google link below https://drive.google.com/drive/folders/1DGIn0KkCrO27i9ZNxTB_78HWy3dgBVhL?usp=sharing

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42	Section V Works Requirements – Technical Specs	Reference to Price schedule Items for Pole mounted Distribution transformers & Ground mounted distribution transformers, kindly confirm whether both Amorphous type & CRGO type cores for distribution transformers are acceptable.	Only CRGO shall be used
43	Section V Works Requirements – Technical Specs	Reference to price schedule “TAMALE TOWNSHIP” item No. Z 715.2 - Concentric Service Cable for 1 phase - 2x10sqmm Conductor, Technical data sheet is not available. Kindly request to provide the same.	Bidders shall use specification E22 for service cables in general.
44	General	We want to know whether the quotations should be prepared to cover all the ten (10) districts.	<p>Yes.</p> <p>Three (3) separate quotations are required to cover Accra East, Accra West and Tamale Service Area of NEDCo, and all together the ten (10) districts are covered. The Evaluated Bid Price shall be the corrected aggregated sum of the three (3) quotations.</p> <p>Kindly refer to BDS ITB 12.1 (e).</p>