

POWER GRID COMPANY OF BANGLADESH LIMITED
Construction and Reconductoring of 132kV Transmission Lines on Turnkey Basis (Package-1)
(Contract No. PGCB/CEEGSTL/TL/Package-1/Lot-1/2).
Invitation for Bids No.: 27.21.0000.101.07.315.22.420 dated January 23, 2022

CLARIFICATION NO.1

Pre-bid meeting was held on February 09, 2022 as per clause 7.4 of Instruction to Bidders of Volume 1 of 2 of the Bidding document. Some queries were received from the prospective Bidders regarding the Bidding Documents prior the Pre-bid meeting as well as some of the bidders have submitted queries after pre-bid meeting. Clarifications on the above queries are given below, which will form part of the bidding documents.

Sl. No.	Reference and Queries of Prospective Bidders	Reply(PGCB)
Volume 02 of 02		
01	<u>Volume 2 of 2</u> <u>Section-1, Page 7, Sl. No.(d)</u> <u>A. Store Location:</u> Please, refer the Sl. No.(d), Page 7, Sec-1, Vol-2, it is mentioned that the dismantled/removed material from the existing line including the measurement of conductor lengths, rewinding on drums/packing at site and safe transportation of dismantled conductors and fittings to PGCB's local grid maintenance division store. Kindly specify the location of the store. Whether PGCB will facilitate in the process of the transportation and loading/unloading of materials at site and store. Kindly confirm.	PGCB will confirm the location of specified PGCB's local grid maintenance division store based on the site condition after starting of dismantling/removal work. Transportation and loading/unloading of materials at site and store will be the responsibility of contractor.
02	<u>Volume 2 of 2</u> <u>Section-1, Page 8, Sl. No. (f) & (p)</u> <u>B. Connector Fittings:</u> - Please, refer the Sl. No. (f) & (p), Page 8 & 10, Sec-1, Vol-2, the scope of designing and supply of all types of connector fittings shall be in the scope of the contractor. Kindly confirm whether the existing connector fittings, removed during the process are to be returned to PGCB as scrap or additionally supplied in new condition. - Also, the terminal Pad drawings of the existing LA, CVT and BPI at Line end shall be required to be furnished for the procurement of the matching hole dia. of	The bidders are requested to visit the site and to collect the required information.

	Terminal Connectors with the Terminal Pad of the equipment for all substations. Kindly furnish the same. • We understand that for all 132 kV substations reconductoring up to Bus Level means: changing of Main Bus conductors, Jack Bus Conductors and dropper conductors from Main Bus/Jack Bus to Equipment i.e. changing of all the conductors inside the switchyard. Please clarify the same. If Point No. 3 exists then, Terminal Pad Drawings of all the Substation Equipment shall be required to be furnished for the procurement of the matching hole dia. of Terminal Connectors with the Terminal Pad of the equipment. Kindly furnish the same. If Point No. 3 does not exist, then Customer has to ensure that the existing Equipment Connectors are suitable for carrying the Current carrying capacity of the New Conductors. Please clarify and confirm	
03	<u>Volume 2 of 2</u> <u>Sec-8, Page-8/3, Cl. 8.2.1</u> <u>Tower Accessories:</u> As per Cl. 8.2.1, Page-8/3, Sec-8, Vol-2 we understand that the designs and drawings of only anti-climbing devices, D-shackles etc. have to be prepared by the contractor. Kindly confirm.	Please refer to the Annex 1-1, clause no. 6.I (page 1-9), volume 2 of 2 of the bidding document.
04	<u>Volume 2 of 2</u> <u>Tender Drawings:</u> Kindly furnish Readable and Legible Plan, Section and SLD of all the scope substations to evaluate and estimate the sub-station quantities of the scope work.	The bidders are requested to visit the site and to collect the required information.
05	<u>Volume 2 of 2, Line Route Data & Tower Drawings:</u> Requesting you to kindly share the Line Route data & Tower drawings for the following lines: • Four Circuit LILO at Pabna Substation from Ishwardi-Baghabari 132kV D/C TL under LOT-1. • LILO of Mymensingh-Netrokona 132kV Double Circuit Transmission Line	All the available data & drawings related to the transmission lines are included in the bid documents. Bidders are requested to conduct the necessary site visits near the substations for particular line route data requirement.

	at RPCL Substation under LOT-2.	
06	<u>Volume 2 of 2</u> <u>Section-1, Annex-1-1, Sl. No. (c)</u> <u>Scope of Work and Price Schedule:</u> Kindly refer Sl. No. (c), Annex-1-1, Section-1, Vol-2, it is mentioned ".....But, there may be existing, especially for river crossing, road/rail crossing etc., any 132kV tower(s)/structure(s) having insulator/fittings sets with double/triple strings with 120kN or 210kN or other EMF ratings.....", from this we understand we may require to supply 210 KN Disc Insulator. So we request you to kindly arrange to provide "210 KN Disc Insulator" item in relevant price schedules to quote the unit rate for the same.	Please follow Addendum-1.
07	<u>Volume 2 of 2</u> <u>Section-1, Appendix 1.A1</u> <u>Clause Description:</u> After dismantling by the Contractor of existing conductors and hardware fittings/insulators (as necessary) from the existing transmission line, the dismantled conductors and other line materials are envisaged for re-use by the Employer in other projects. During de-stringing/dismantling, proper handling and safety of the conductors and associated line materials, measurement of conductor lengths,rewinding on drums/packing, and safe transportation of dismantled materials to PGCB"s local grid maintenance division store shall be included in the scope of work. <u>Bidder's Question:</u> We understand from "drum/packing" that dismantled conductor from circuit 1 shall be returned to PGCB local grid maintenance divisional store in coil form, however, dismantled conductor from circuit II, will be returned in drums of HTLS conductor being supplied under this contract. Please confirm if our understanding is correct. If not please let us know, if contractor need to supply empty drums for this purpose. Also please identify the locations where all the dismantled items need to be returned.	Your understanding is not correct. Please follow the description of the bidding document. PGCB will confirm the location of specified PGCB's local grid maintenance division store based on the site condition after starting of dismantling/removal work.
08	<u>Volume 2 of 2, Section-1</u> <u>Clause Description:</u> Painting of towers & supply and erection of span markers, obstruction lights(whenever applicable) for aviation requirements.	Confirmed.



	<u>Bidder's Question:</u> We understand that rectification/replacement of aviation lights is not in the scope of work. Please confirm.	
09	<u>Volume 2 of 2, Section-6, Clause 6.2.9</u> <u>Clause Description:</u> The Contractor shall count, mark and put proper numbers with suitable quality of paint at his own cost on all the trees that are to be cut (By the Contractor) at the time of actual execution of the work as detailed below. The Contractor may please note that Employer shall not pay any compensation for any loss or damage to the properties or for tree cutting due to Contractor's work. <u>Bidder's Question:</u> We understand that, it's the responsibility of contractor to cut down all the trees falling in the corridor including compensation for any loss or damage to the properties or for tree cutting due to contractor's work. Please confirm. However compensation for temporary/permanent structures within the corridor & below the live line is not in the scope of contractor. Please confirm.	Follow Annex 5-1: Route Clearance and Clause 5.6: Damage of Section-5.
10	<u>Volume 2 of 2, Section-1</u> <u>Clause Description:</u> It is the contractor's responsibility to check each 132kV transmission line/substation to assess by themselves the existing facilities viz various types of towers/other structures, various types of insulator sets/hardware fittings /accessories, various types of substation equipment etc; and all the required plant and equipment i.e. conductor, line hardware fittings/accessories, connecting fittings/accessories for substation, insulators (as/if required) etc shall be designed, manufactured and installed in the system by the contractor for completion of whole of the Facilities. The conductors, hardware fittings/accessories, insulators and all other plant/equipment shall be designed and manufactured following the specifications stipulated in individual sections and schedules throughout the bidding documents and in accordance with the relevant IEC/BS EN/ASTM/ISO/DIN standards mentioned therein. The contractor shall have to fulfill all the requirements specified throughout the bidding documents. <u>Bidder's Question:</u> a. Request you to please provide drawings of fittings/accessories to be used	Bidders are requested to conduct the necessary site visits for the required data.

	lot substation termination works. Which are crucial to work on this tender. b. In case drawings of above fittings/accessories to be used in substation termination works are not available, please confirm that PGCB shall provide shutdown, so that contractor can take measurements of the existing fittings & finalize drawings accordingly.	
11	<u>Volume 2 of 2, Section-1</u> <u>Clause Description:</u> It is preferable that no mid span joint be used In the reconductoring and hence the length of conductor on the drums to be decided by referring to the tower schedule. <u>Bidder's Question:</u> Request you to please provide tower Schedules end coordinates of all lines.	All the available data & drawings related to the transmission lines are included in the bid documents. Bidders are requested to conduct the necessary site visits for particular line route data requirement.
12	<u>Volume 2 of 2, Section-3, Clause 2.5</u> <u>Clause Description:</u> Along with the above, the bidder will submit document/ certificate from offered ACCC Conductor manufacturer? ACCC technology owner confirming that the personnel which we expert & certified by ACCC technology owner in installation/stringing supervision of ACCC Conductor must be deployed during entire duration of installation/stringing of the transmission line. <u>Bidder's Question:</u> we understand contractor need to deploy master installer for duration stringing activity. It is to submit that similar projects which are under execution in Bangladesh suffers from untimely shutdown and master Installer remains idle for significant time duration. Since master installer being expensive manpower, we request PGCB to compensate for idle Master Installer due to untimely shutdown.	Please follow the description of the bidding document.
13	<u>Volume-2, Type test of Insulator String</u> As per Clause No. 9.6.2 (ii), Volume-2 of the bid documents, "If the type tests for insulator sets are not available as offered combination of insulator & fitting manufacturer (except low duty sets) with proposed design, the tests shall be performed in laboratories mentioned in Clause 9.6.2 (i) during execution stage in presence of Employer's Engineers. Cost of such test and witness shall deem to be included in the Contract Price". From the above clause we understand that, if the bidder fails to submit type tests of offered insulator string sets (except low duty sets), then the bidder needs to conduct fresh type tests on all the insulator string sets (except low duty sets) such as	Confirmed.



	'suspension sets, jumper suspension sets and tension string sets',. Kindly clarify & confirm.																																																																												
14	Chapter 9, Volume-2. <u>Type test of Insulator Units:</u> i. The type test requirement for Insulator Unit are given in the Table 9-1 and also in Clause No. 9.6.2 (i), Chapter 9, Volume-2. Please confirm whether type test reports shall include all items mentioned in Table 9-1 or only include lists in 9.6.2 Table 9-1: Test Requirements <table border="1"> <thead> <tr> <th>Test</th><th>Insulator Units Cap & Pin (Type B)</th><th>Insulator Sets</th></tr> </thead> <tbody> <tr> <td>Type Tests:</td><td></td><td></td></tr> <tr> <td>Verification of dimensions</td><td>X</td><td>-</td></tr> <tr> <td>Dry lightning impulse withstand voltage</td><td>X</td><td>X</td></tr> <tr> <td>Wet power frequency withstand voltage</td><td>X</td><td>X</td></tr> <tr> <td>Thermal mechanical performance</td><td>X</td><td>-</td></tr> <tr> <td>Mechanical or EMF load</td><td>X</td><td>-</td></tr> <tr> <td>Power arc</td><td>X</td><td>X</td></tr> <tr> <td>Impulse voltage puncture</td><td>X</td><td>-</td></tr> </tbody> </table> Construction and Reconductoring of 132kV Transmission Lines on Turnkey Basis (Package-1) (Package 1, Lot-1 & Lot-2) <table border="1"> <thead> <tr> <th>Test</th><th>Insulator Units Cap & Pin (Type B)</th><th>Insulator Sets</th></tr> </thead> <tbody> <tr> <td>Sample Tests:</td><td></td><td></td></tr> <tr> <td>Verification of dimensions</td><td>X</td><td>-</td></tr> <tr> <td>Verification of locking system and displacement</td><td>X</td><td>-</td></tr> <tr> <td>Temperature cycle test</td><td>X</td><td>-</td></tr> <tr> <td>Mechanical or EMF load</td><td>X</td><td>-</td></tr> <tr> <td>Porosity</td><td>X</td><td>-</td></tr> <tr> <td>Galvanizing</td><td>X</td><td>-</td></tr> <tr> <td>RIV</td><td>X</td><td>-</td></tr> <tr> <td>Impulse Voltage puncture</td><td>X</td><td>-</td></tr> <tr> <td>Zinc sleeve test</td><td>X</td><td>-</td></tr> <tr> <td>Head design test</td><td>X</td><td>-</td></tr> <tr> <td>Routine Tests:</td><td></td><td></td></tr> <tr> <td>Visual inspection</td><td>X</td><td>-</td></tr> <tr> <td>Mechanical</td><td>X</td><td>-</td></tr> <tr> <td>Electrical</td><td>X</td><td>-</td></tr> </tbody> </table> a) $U_m \leq 245kV$;	Test	Insulator Units Cap & Pin (Type B)	Insulator Sets	Type Tests:			Verification of dimensions	X	-	Dry lightning impulse withstand voltage	X	X	Wet power frequency withstand voltage	X	X	Thermal mechanical performance	X	-	Mechanical or EMF load	X	-	Power arc	X	X	Impulse voltage puncture	X	-	Test	Insulator Units Cap & Pin (Type B)	Insulator Sets	Sample Tests:			Verification of dimensions	X	-	Verification of locking system and displacement	X	-	Temperature cycle test	X	-	Mechanical or EMF load	X	-	Porosity	X	-	Galvanizing	X	-	RIV	X	-	Impulse Voltage puncture	X	-	Zinc sleeve test	X	-	Head design test	X	-	Routine Tests:			Visual inspection	X	-	Mechanical	X	-	Electrical	X	-	(i) Please follow Clause No. 9.6.2 (i), Chapter 9, Volume 2 of 2. (ii) Type test report for Insulator units as per the bid requirement is to be submitted with the bid proposal.
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	9.6.2 Type Tests (i) Insulator Units Type test reports issued from independent reputed testing laboratory as listed below, outside the Manufacturer's country for insulator units which shall include the following tests performed on all the offered types of insulators as per IEC except power arc test which shall conform to test procedures outlined in this Clause: • Verification of dimensions • Dry lightning impulse voltage withstand test; • Wet power frequency voltage withstand test; • Electro-mechanical failing load test; • Thermal mechanical performance test; • Impulse voltage puncture test; • Power arc test A list of independent reputed testing laboratories acceptable to the Employer is mentioned below: - KEMA Laboratories in the Netherlands - Powertech High Power Laboratories in Canada - Kinectrics, Canada - IREQ Montreal in Canada - CESI in Italy - Vattenfall in Sweden - Veiki VNL in Hungary ii. As per Clause No. 9.6.2, Chapter-9, Volume-2 of the bid documents, we understand that in case bidder fails to submit type test reports of the offered insulator unit along with the bid, then is it possible to perform type tests of insulator unit during execution stage like insulator sets? Please clarify & confirm.	
15	<u>Package-01, Lot-02</u> It has been found that existing conductor type is twin ACSR Linnet for 132kV Mymensingh-RPCL double circuit transmission line whereas the new conductor type shall be ACSR Grosbeak equivalent ACCC. It is understood that the conductor capacity will be increased in smaller amount due to the reconductoring. Please clarify.	Based on existing line data, the new conductor shall be twin ACSR Linnet equivalent ACCC conductor per phase. Please refer to the Addendum-1 in this regard.

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16	<u>Volume 1 of 2, Scope A - LOT-1</u> - Kindly refer Item No. A7.1 & A7.2, Schedule-1, we understand it should be "A6.1 & A6.2" because this are the sub items for Item No. A6. If our understanding is correct then kindly arrange to provide corrected copy of Price Schedule, please. - Kindly refer Item No. S3.8, Schedule-1, in item description reference is given for Item No. A8.1 & A8.2, from this we understand it is typographic error and it should be "A6.1 & A6.2". If our understanding is correct then kindly arrange to provide corrected copy of Price Schedule, please. - As per Item No. A2 & A3, Schedule-1, we understand that we need to supply complete Hardware fittings with Insulators but as per Clause No. 1, Annex 1-1, Section-1, Vol-2, we need to replace only hardware fittings-parts/accessories subjected to the system voltage with phase conductor. Kindly clarify please. - Kindly refer Item No. A5, Schedule-1, from item description we understand that we do not required to provide Anti-Theft Lock Nut. Kindly Confirm please. - As per Item No. S3.8, Schedule-1, we need to supply spare quantity of fittings for termination of Transmission Line in lot. From above we cannot able to consider how many spare quantity & type of fittings is required, so kindly arrange to provide detail BOQ of fittings for spare quantity please.	Please follow Addendum-1. Please follow Addendum-1. For this section Insulators with complete hardware fittings need to be replaced. Please follow the price schedule in this regard. Your understanding is not correct. Bidder may require to provide Anti-Theft Lock Nut. The bidders are requested to visit the respective sites to assess the actual quantity.
17	<u>Volume 1 of 2, Scope B - LOT-1</u> Kindly refer Item No. 1.3.1, Schedule-1 & Item No. 3.3.1, Schedule-4, quantity for Tower Type 1D25+9.0 m are different in both Schedule. So, we request you to kindly arrange to provide the required quantity of Tower Type 1D25+90 m please.	Please follow the Addendum-1



	As per Item No. 6, Schedule-4, we need to do Stringing of four circuit line, one conductor per phase and two OPGW but as per Item No. 6.1 & 6.2, Schedule-4, we required to do Stringing of double circuit line, one conductor per phase & One OPGW. Kindly clarify above discrepancy and arrange to provide correction in description please.	Please follow the Addendum-1
18	<u>Volume 1 of 2, Scope C - LOT-1</u> - As per Item No. A2 & A3, Schedule-1, we understand that we need to supply complete Hardware fittings with Insulators but as per Clause No. 1, Annex 1-1, Section-1, Vol-2, we need to replace only hardware fittings-parts/accessories subjected to the system voltage with phase conductor. Kindly clarify please. - Kindly refer Item No. A5, Schedule-1, from item description we understand that we do not required to provide Anti-Theft Lock Nut. Kindly Confirm please. - As per Item No. S3.8, Schedule-1, we need to supply spare quantity of fittings for termination of Transmission Line in lot. From above we cannot able to consider how many spare quantity & type of fittings is required, so kindly arrange to provide detail BOQ of fittings for spare quantity please.	For this section Insulators with complete hardware fittings need to be replaced. Please follow the price schedule in this regard. Refer to serial no.16 Refer to serial no.16
19	<u>Volume 1 of 2, Scope D - LOT-1</u> - As per Item No. A2, Schedule-1, we understand that we need to replace only hardware fittings-parts/accessories subjected to the system voltage (without Insulators) with phase conductor. Kindly Confirm please. - As per Item No. A3, Schedule-1, we understand that we need to supply complete set for Tension fitting without Insulators. Kindly Confirm please. - Kindly refer Item No. A5, Schedule-1, from item description we understand that we do not required to provide Anti-Theft Lock Nut. Kindly Confirm please. - As per Item No. S3.8, Schedule-1, we need to supply spare quantity of fittings for termination of Transmission Line in lot.	Your understanding is correct. Your understanding is correct. Refer to serial no.16



	From above we cannot able to consider how many spare quantity & type of fittings is required, so kindly arrange to provide detail BOQ of fittings for spare quantity please.	Refer to serial no.16
20	<u>Volume 1 of 2, Scope E - LOT-1</u> - As per Item No. A2, Schedule-1, we understand that we need to replace only hardware fittings-parts/accessories subjected to the system voltage (without Insulators) with phase conductor. Kindly Confirm please. - As per Item No. A3, Schedule-1, we understand that we need to supply complete set for Tension fitting without Insulators. Kindly Confirm please. - Kindly refer Item No. A5, Schedule-1, from item description we understand that we do not required to provide Anti-Theft Lock Nut. Kindly Confirm please. - As per Item No. S3.8, Schedule-1, we need to supply spare quantity of fittings for termination of Transmission Line in lot. From above we cannot able to consider how many spare quantity & type of fittings is required, so kindly arrange to provide detail BOQ of fittings for spare quantity please.	Your understanding is correct. Your understanding is correct. Refer to serial no.16 Refer to serial no.16
21	<u>Volume 1 of 2, Scope F - LOT-1</u> - As per Item No. A2, Schedule-1, we understand that we need to replace only hardware fittings-parts/accessories subjected to the system voltage (without Insulators) with phase conductor. Kindly Confirm please. - As per Item No. A3, Schedule-1, we understand that we need to supply complete set for Tension fitting without Insulators. Kindly Confirm please. - Kindly refer Item No. A1.1, Schedule-1, it is mentioned "ACCC-Grosbeak conductor (ACCC conductor with equal diameter of ACSR Hawk), as per specification.....". From above kindly clarify which conductor we need to supply under this price	Your understanding is correct. Your understanding is correct. Please follow Addendum-1.



	schedule ACCC-Grosbeak or ACCC-Hawk? - Kindly refer Item No. A5, Schedule-1, from item description we understand that we do not required to provide Anti-Theft Lock Nut. Kindly Confirm please. - As per Item No. S3.8, Schedule-1, we need to supply spare quantity of fittings for termination of Transmission Line in lot. From above we cannot able to consider how many spare quantity & type of fittings is required, so kindly arrange to provide detail BOQ of fittings for spare quantity please. - Kindly refer Item No. A8.1 & A8.2, Schedule-1, we understand it should be "A6.1 & A6.2" because this are the sub items for Item No. A6. If our understanding is correct then kindly arrange to provide corrected copy of Price Schedule, please.	Refer to serial no.16 Refer to serial no.16 Please follow Addendum-1.
22	<u>Volume 1 of 2, Scope A - LOT-2</u> - As per Item No. 2, Schedule-1, we understand that we need to replace only hardware fittings-parts/accessories subjected to the system voltage (without Insulators) with phase conductor. Kindly Confirm please. - As per Item No. 3, Schedule-1, we understand that we need to supply complete set for Tension fitting without Insulators. Kindly Confirm please. - Kindly refer Item No. 7, Schedule-1, from item description we understand that we do not required to provide Anti-Theft Lock Nut. Kindly Confirm please. - As per Item No. S3.8, Schedule-1, we need to supply spare quantity of fittings for termination of Transmission Line in lot. From above we cannot able to consider how many spare quantity & type of fittings is required, so kindly arrange to provide detail BOQ of fittings for spare quantity please.	Your understanding is correct. Your understanding is correct. Refer to serial no.16 Refer to serial no.16
23	<u>Volume 1 of 2, Scope B - LOT-2</u> As per Item No. B2, Schedule-1, we understand that we need to replace only hardware fittings-parts/accessories subjected to the system voltage (without	Your understanding is correct.

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	Insulators) with phase conductor. Kindly Confirm please. - As per Item No. B3, Schedule-1, we understand that we need to supply complete set for Tension fitting without Insulators. Kindly Confirm please. - Kindly refer Item No. B7, Schedule-1, from item description we understand that we do not required to provide Anti-Theft Lock Nut. Kindly Confirm please. - As per Item No. S3.8, Schedule-1, we need to supply spare quantity of fittings for termination of Transmission Line in lot. From above we cannot able to consider how many spare quantity & type of fittings is required, so kindly arrange to provide detail BOQ of fittings for spare quantity please.	Your understanding is correct. Refer to serial no.16 Refer to serial no.16
24	<u>Volume 1 of 2, Scope C - LOT-2</u> - As per Item No. B2 & B3, Schedule-1, we understand that we need to supply complete Hardware fittings with Insulators but as per Clause No. 1, Annex 1-1, Section-1, Vol-2, we need to replace only hardware fittings-parts/accessories subjected to the system voltage with phase conductor. Kindly clarify please. - Kindly refer Item No. B5, Schedule-1, from item description we understand that we do not required to provide Anti-Theft Lock Nut. Kindly Confirm please. - As per Item No. S3.8, Schedule-1, we need to supply spare quantity of fittings for termination of Transmission Line in lot. From above we cannot able to consider how many spare quantity & type of fittings is required, so kindly arrange to provide detail BOQ of fittings for spare quantity please.	For this section Insulators with complete hardware fittings need to be replaced. Please follow the price schedule in this regard. Refer to serial no.16 Refer to serial no.16
25	<u>Volume 1 of 2, Scope D - LOT-2</u> As per Item No. B2, Schedule-1, we understand that we need to replace only hardware fittings-parts/accessories subjected to the system voltage (without Insulators) with phase conductor. Kindly Confirm please.	Your understanding is correct.

	• As per Item No. B3, Schedule-1, we understand that we need to supply complete set for Tension fitting without Insulators. Kindly Confirm please. • Kindly refer Item No. B5, Schedule-1, from item description we understand that we do not required to provide Anti-Theft Lock Nut. Kindly Confirm please. • As per Item No. S3.10, Schedule-1, we need to supply spare quantity of fittings for termination of Transmission Line in lot. From above we cannot able to consider how many spare quantity & type of fittings is required, so kindly arrange to provide detail BOQ of fittings for spare quantity please. • Kindly refer Item no. S3.9 & S3.10, Schedule-1, need to correct item serial number for mentioned item. Kindly do needful correction please.	Your understanding is correct. Refer to serial no.16 Refer to serial no.16 Please follow Addendum-1.
26	<u>Volume 1 of 2, Scope E - LOT-2</u> • As per Item No. B2 & B3, Schedule-1, we understand that we need to supply complete Hardware fittings with Insulators but as per Clause No. 1, Annex 1-1, Section-1, Vol-2, we need to replace only hardware fittings-parts/accessories subjected to the system voltage with phase conductor. Kindly clarify please. • Kindly refer Item No. B7, Schedule-1, from item description we understand that we do not required to provide Anti-Theft Lock Nut. Kindly Confirm please. • As per Item No. S3.8, Schedule-1, we need to supply spare quantity of fittings for termination of Transmission Line in lot. From above we cannot able to consider how many spare quantity & type of fittings is required, so kindly arrange to provide detail BOQ of fittings for spare quantity please.	Your understanding is not correct. Please follow the Price Schedule. Refer to serial no.16 Refer to serial no.16
27	<u>Volume 1 of 2</u> 1. Taxes & Duties As per Clause No. 14 of GCC (Section-7) & SCC (Section 8) of Volume-1 of bidding document, we understand followings.	Please follow the GCC and SCC Clause-14 of Volume-1 of 2 of the

i. Taxes on Plants & Materials from Outside Bangladesh Schedule No.-1 (For Lot-1 & For Lot-2) We understand that the Income Tax TDS will be paid by the employer directly to the respective authority from his own fund and it will not be deducted from contractor's invoice/payment. ii. Taxes on Design Services, Schedule 3 (for Lot-1 & Lot-2), Installation & Other Services, Schedule No.4 (for Lot-1 & Lot-2) for Transaction between contractor and employer As per Clause No. 14.2.a, SCC, Section-8, Volume-1, we request you to confirm the following understandings: - Contract Price for Installation & Other Local Services shall be exclusive of applicable VAT. Kindly confirm. - If any VAT is applicable, the employer shall bear and deposit the same to the govt. exchequer on behalf of contractor. Kindly confirm. - Advance Income Tax TDS will not be paid by employer directly from his own fund and it will be deducted from contractor's price. Kindly confirm. iii. Contractor are responsible for payment of AIT in Price Schedule No. 2 (for Lot-1 & Lot-2) and Employer will deduct AIT from each payment amount. However, if local company is supplying towers under International Tender and getting payment in USD, this is deemed to be an export. Therefore, the EPC contractor who supply Materials and Equipments from within the employer's country are also not liable to pay TDS. It means that AIT in the Price Schedule No. 2 will not be deducted by the employer in case of USD contract between contractor and local manufacturer. Is our understanding correct?	bidding documents.
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28	<u>Volume 1: Section 8 – SCC Clause 14.2(a)</u> In this particular clause it is mentioned that “If any VAT is applicable for any or all of the items under this contract, the Employer shall bear and deposit the same to the govt. exchequer as per prevailing law of the Employer’s Country”. We have the following clarification in this regards:- i. As per our understanding, the bidders have to quote their prices of the whole contract exclusive of any VAT. Please, Clarify. ii. Kindly Confirm that PGCB shall reimburse all the VAT cost to the contractor as applicable which shall arise in connection with this contract execution.	The bidder shall quote bid prices of all items of the price schedules under this contract exclusive of VAT. As per SCC 14.1, The Contractor shall be entirely responsible for payment of all taxes or VAT, stamp duties, license fees and other such levies imposed inside the Employer’s country, for purchasing any goods or services by them from any supplier(s), which may be required in the course of supply of all items and services mentioned in the contract. This means if any goods or services is required to be purchased by the Contractor inside the Employer’s country for the execution of Contract, the Contractor shall be entirely responsible for payment of all taxes or VAT, stamp duties, license fees and other such levies imposed inside the Employer’s country
29	<u>Volume 1 of 2, Transaction for Goods & Services Procured Locally</u> For transaction between Bidder / main Contractor and its local Subcontractor/ Service Provider (for Goods and Services procured locally by Bidder for Price Schedule -2, 3, & 4 of respective Lot), please clarify & confirm followings: We understand that VAT for the transaction between main Contractor & its Sub-contractor for back-to-back Subcontract work will also be exempt or reimbursed by PGCB. Please Confirm.	Your understanding is not correct. Please follow the bidding document.
30	<u>Volume 1 of 2, Payment Terms</u> i. As per Appendix -1, 10% of total CIP amount as an advance payment against receipt of invoice and irrevocable advance payment security. In this regard, your confirmation is required to have a time bound for release of advance payment from the submission of invoices. Since there is no site verification or JMC or cube results to be attached to the advance invoice and the mobilization is fully dependent on this advance payment, can this payment released within a very short duration? ii. Terms of Payment - Seventy Percent (70%)	After getting the Advance Payment Security the advance payment will be released within the shortest possible time.

	Supply of Material (Schedule No.1 and Schedule No.2) – PLI Report (Supporting documents for payment). Installation and Other Services (Schedule No.4) – Employer’s Authorization (Supporting document for payment). In this regard, we would like to know the duration of issuance of certification by Employer. Please confirm.	Certification will be provided within the shortest possible time subject to getting all the compliant documents from the Contractor.
31	<u>Volume 1 of 2, Section 9, Contract Agreement</u> i. Terms of Payment As per Clause No. 2.2, Terms of Payment, Section 9, Volume 1 of 3 of the bid documents, the Employer shall instruct its bank to issue an irrevocable letter of credit made available to the Contractor. Kindly clarify / confirm the specific duration for opening of letter of credit from Contract Effectiveness. Please Confirm. ii. Effective Date As per Clause No. 3.1, Article 3, Section 9, Volume 1 of 3 of the bid documents, it is mentioned that, “The Effective Date is the Contract Signing Date”. Kindly request you to please amend the above clause as stated below:- The Effective Date upon which the period until the Time for Completion of the Facilities shall be counted from is the date when all of the following conditions have been fulfilled: • This Contract of Agreement has been duly executed for and on behalf of the Employer and the Contractor. • The Contractor has submitted to the Employer the performance security and the advance payment guarantee. • The Employer has paid the Contractor the advance payment.	Letter of Credit will be opened within the shortest possible time subject to getting all the compliant documents from the Contractor. Your request cannot be accepted. Please follow the bidding documents.



