



বাংলাদেশ বিদ্যুৎ উন্নয়ন বোর্ড



Bangladesh Power Development Board

Central Secretariat
Bangladesh Power Development Board (BPDB)
WAPDA Building (1st Floor)
Motijheel C/A, Dhaka, Bangladesh
Telephone: 8802-9554209

Memo No: 27.11.0000.101.14.035.22-3966

Date: 3/08/2022

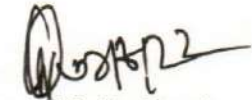
Sub: Clarifications No. 01 Notice for Design, Supply, Construction, Erection, Installation, Testing and Commissioning of 05 Nos. 33/11kV New GIS Substation including automation of the Sub-station (SAS) and 33kV Underground Cable Double Circuit Source Line with Civil and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram (GD-1, Lot-2).

Ref.: Tender Invitation Memo No. 27.11.0000.101.14.035.22-3234, Date: 20/07/2022.

The undersigned is directed to enclose herewith the Clarifications No. 01 on the Tender Documents for Design, Supply, Construction, Erection, Installation, Testing and Commissioning of 05 Nos. 33/11kV New GIS Substation including automation of the Sub-station (SAS) and 33kV Underground Cable Double Circuit Source Line with Civil and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram in response to the queries from Tenderers. Clarifications No. 01 is issued and posted in BPDB website. Moreover, who purchased Tender Document, are Requested to collect the Clarifications No. 01 form the Office of Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram.

Encl: Clarifications No. 01.


Engr. Md. Shamsuddin
ID No. 1-1200
Project Director
Power Distribution System Development
Chattogram Zone (2nd Phase)
BPDB, Chattogram



(Mohammad Salim Reza)
Secretary
Bangladesh Power Development Board
(BPDB)
Motijheel C/A, Dhaka-1000, Bangladesh
Telephone: 8802-9554209

Memo No: 27.11.0000.101.14.035.22-3966

Date: 3/08/2022

Copy for information & necessary action to:

1. Member, Distribution/ P&D/Finance, BPDB, Dhaka.
2. Chief Engineer, P&D/Services, BPDB, Dhaka.
3. Project Director, Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram.
4. C.S.O to Chairman, BPDB, Dhaka.
5. Director, Design & Inspection-2/Finance, BPDB, Dhaka.
6. Director, Public Relation, BPDB Dhaka.
7. Senior System Analyst, BPDB Dhaka. He is requested to post this Clarifications No. 01.in BPDB website.
8. M/S _____
9. Office copy


(Ahmed Bhuiyan Lipu)
Assistant Secretary (Dev) (Additional)
Central Secretariat
BPDB, Dhaka.

Addedum-1

International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
1.	Section-2: TDS ITT 24.2(r) Page-43	<p>14. At least 02 (two) nos. of Manufacturer's Supply Experience (supported by Copy of Completion Certificate from Purchaser along with NOA/Contract Agreement/Purchase Order and the Completion Certificate shall contain Purchaser's full mailing address, fax/telephone number, website address, domain e-mail address for the convenience of authentication) for offered type similar or higher capacity rating Power Transformer, 33kV & 11kV GIS, 33kV & 11kV LA and 33kV & 11kV XLPE Power Cable of same voltage class within the last 05 (five) years.</p> <p>15. At least 02 (two) nos. Manufacturer's Satisfactory Performance Certificates from Electricity Utility as End User depicting that each offered type similar or higher capacity rating 33kV & 11kV Gas Insulated Switchgear (GIS), Substation Automation System (SAS), Power Transformer, Station Transformer, Battery & Battery Charger, 33kV & 11kV XLPE Power Cable and Fiber Optic Cable of same voltage class within last 10(ten) years.</p>	<p>We kindly request you to add the following eligibility criteria for Power Transformer. The following provision will be applicable for purchasing of Power Transformer from new local manufacturers: i. The New Manufacturer shall submit the following document with the Tender document: a) Location of the Factory & layout plan. b) List of Capital Machineries (Related to manufacturer of the Tendered goods). c) Factory Project Profile d) Production Line description. e) List of Key Personnel (with Bio-data). f) Source of raw materials. g) Testing facilities & calibration certificates of testing equipment. ii. New Local Manufacturer's factory/manufacturing plant shall be visited & inspected by the Tender Evaluation Committee (TEC) and/or TEC nominated members, to assess the New Manufacturer's production capability and will submit a report regarding Technical and Financial aspect in comparison to the information and document furnished by Tenderer. If the assessment report is not satisfactory, the related tender proposal of the tenderer will be considered as Nonresponsive. All costs regarding visiting & inspection shall be borne by the New Manufacturer. Factory shall be inspected by Tender Evaluation Committee (TEC) and/or TEC nominated members as per following guide lines: 1. Location of the Factory & layout plan. 2. List of Capital Machineries (Related to manufacturer of the Tendered goods) 3. Factory Project Profile 4. Production Capacity (Yearly) 5. Production Line description. 6. List of Key Personnel (with Bio-data) 7. Testing Facilities 8. Source of raw materials. 9. Testing of offered type Power Transformer shall be witnessed at manufacturer's testing laboratory. All other clauses of the specification and Guaranteed Technical Particulars (GTP) except Supply record & Performance Certificate shall be applicable for tender Submission and Evaluation.</p>	<p>As per Tender Document.</p>

(Handwritten signatures and initials)

International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
2.	Section-2: TDS ITT 24.2(f) (23) Page- 44	23. Type Test Certificates, Reports & Special Tests for offered type similar or higher MVA rating power transformer for same voltage class from any short-circuit testing liaison (STL) Member [http://www.stl-liaison.org/web/03_Members.php] Testing Organization or Laboratory as per relevant IEC standard. The type test report shall include at least the following tests along with results: a) Temperature Rise Test b) Lightning Impulse Test c) Short circuit withstands test report of HV-LV	Type Test Certificates, Reports & Special Tests for power transformer for same voltage class from any short-circuit testing liaison (STL) Member [http://www.stl-liaison.org/web/03_Members.php] Testing Organization or Laboratory as per relevant IEC standard. The type test report shall include at least the following tests along with results: a) Temperature Rise Test b) Lightning Impulse Test a) Short circuit withstands test report of HV-LV	As per Tender Document.
3.	-	-	Cable supply package may be considered separate in this tender. (As the cable value is approx.. 60% of total cost of the tender). Please also consider maximum domestic preference for local Cable manufactures.	As per Tender Document.
4.	-	-	We are also requesting to put a clause that Local Bangladeshi Cable only be used in his project as you know that sufficient local Cable manufactures are available in Bangladesh & thus also help to save FOREX.	As per Tender Document.
5.	Section-2: TDS ITT 14.1(b) Page- 37	i) For 33/11KV Substation: At least 2(two) contract(s) of similar nature*, complexity and methods/construction technology successfully completed within the last 10 (ten) years, each with a value of at least BDT 100 (One hundred) Crore or equivalent USD 10.75 (Ten point seven five) millions. *Similar nature means: Construction of 33/11KV or higher voltage level GIS/GIS+AIS Substation and having capacity regarding engineering, supply, erection, installation, testing and commissioning of at least 2x20/26MVA or higher capacity substations on turnkey basis.	*Similar nature means: Construction of Power Plant (EPC) of 20 (+25%, -10%)MW or 33/11KV or higher voltage level GIS/AIS Substation and having capacity regarding engineering, supply, erection, installation, testing and commissioning of at least 2x10/12MVA or higher capacity substations on turnkey basis.	As per Tender Document.

International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
6.	Section-5: Price Schedule No. 1 & 2 (1 to 5) & BOQ 6.1.2.1-5 Line Item No. (12)	Supply of 11kV 3C×185sq. mm XLPE (Cu) Cable per phase for Outgoing feeder from 11kV GIS.	-	Amended as: Supply of 11kV 3C×185 sq. mm XLPE (Cu) Cable per Outgoing feeder from 11kV GIS.
7.	Section-7: Technical Specification Clause 7.1.4.5, Sl. No. 5 & 8 Page-455	Normal Transformation Ratio at No load and principal tap- 33/11.55kV. Rated LT Voltage (Phase to Phase)- 11.55kV	-	Amended as: Normal Transformation Ratio at No load and principal tap- 33/11kV. Rated LT Voltage (Phase to Phase)- 11kV.
8.	Section-8: GTP Sl. No. 8.05 (1.6) Page-649	Normal transformation ratio at No-load and Principal Tap- 33/11.55kV	-	Amended as: Normal transformation ratio at No-load and Principal Tap- 33/11kV.
9.	Section-8: GTP Sl. No. 8.15 (1) & (5) Page-677	(1) Name of the Item- 3CX95mm2 11kV XLPE Insulated Copper Cables (5) Voltage between phase of three Phase circuit U- 11kV Umax- 12kV	-	Amended as: (1) Name of the Item- 3CX95mm2 33kV XLPE Insulated Copper Cables (5) Voltage between phase of three Phase circuit U- 33kV Umax- 36kV
10.	Section-7: Technical Specification Clause 7.3.15.1 Page-431	Each charger shall be suitable for operating alone or in parallel with the other charger.	Kindly confirm the configuration for each set of system are work in 1 x 100% single configuration: What's the requirement and quantity of outgoing feeders for AC DC? What's the quantity for DC Modules? Please provide LV DC System drawings.	As per Tender Document.



International Tender Ref No.: 27.11.0000.101.14.035-22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kv Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
11.	Scope of Work	Sodorghat Substation	During the site visit, we found there are many house need to be dismantled for the Sodorghat substation site. But from the tender documents, there is no such requirement. Kindly confirm the scope of work for the house demolition, and who will be responsible for the demolition compensation?	Please consider the demolition works as per site requirement. It is mentioned in BOQ and Price schedule as "Dismantling & Demolishing if required"
12.	Section-5 Schedule No. 4 Civil works part Item 4 Page- 227 & 228	Design, Supply, Erection, Installation, Testing and Commissioning of 33/11KV, 2x20/26 MVA Regular Type GIS Substation (Tiger Pass New) at S&D-Khulshi, BPDB, Chattogram.	Under this item, (a) - (f) seems to be duplicated, Please confirm whether it needs to be deleted.	The duplicate items (a) to (f) are to be deleted.
13.	Section-7.4 Transformers Page- 462	7.4.1.7 CAPITALIZED COST: Tenderers quoted No load Loss and Full load loss shall be supported by test reports from independent testing laboratory. In case of difference between the loss value declared in the offer and the loss value to be found in the type test report, the higher loss value will be taken into account for the purpose of loss capitalization.	We suggest to use the loss value declared by the transformer manufacturer to be taken into account for the purpose of loss capitalization, please clarify.	Please follow the ITT Clause no. 57.5 (c) as mentioned in TDS.
14.	Section-2: TDS ITT 29.3(b) Page- 47	Manufacturer's authorization "In this regard, scanning paper, email copy, faxed copy & sealed signature will not be accepted. Manufacturer's signature in Authorization letter shall be hand written by pen i.e., signature through stamp/seal is not accepted."	Many products such as GIS switchgears, SAS, Protection & Control Relays, Energy meters have to be from country of origin Europe, USA, Japan etc. Submission with original Manufacturer's authorization seems very difficult. Kindly accept scanned copy and stamp/seal signature for the manufacturer's authorization.	As per Tender Document.
15.	Section: 6 Employer's Requirements	6.1.2 Bill of Quantity (BOQ)	According to BOQ of the five new substations, the surge arresters is listed in the line item No.1, and it is listed separately in the line item No. 2 again. So please verify if the surge arresters are installed in the switchgears.	In line item no. 1 it is mentioned as surge arrester and In line item no. 2 it is mentioned as lightning arrester. Please consider both in scope.
16.	Section: 6 Employer's Requirements	6.1.2 Bill of Quantity (BOQ)	According to the line item No. 5 in the BOQ, the fuse should be removed, because in the single line diagram, there are no fuses and the circuit breakers are sufficient. So please verify if the scheme is feasible.	Fuse assembly shall be deleted.

International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
17.	Section-7: Technical Specification Clause No. 7.3.20 Page- 434	LV AC DISTRIBUTION PANEL	According to Clause No. 7.3.20, there are two 400A, 4 pole MCCB; two 100A, 3 pole MCCB; ten 60A, 3 pole MCCB and ten 30A, 3 pole MCCB in the LV AC Distribution Panel. And according to the layout plan, there is only one LV AC Distribution Panel in the transformer substation. If all circuit breakers in the LV AC Distribution Panel must be MCCB, there's no room for one cabinet. So please verify if 60A and 30A circuit breakers must be MCCB. Besides, why the 2 x 400A, 4 pole MCCB should be interlocked with each other in the case of only one station transformer?	As per Tender Document.
18.	Section 9: Drawing	Annexure: 1 to 5	In the all five new substations, The length of incoming/outgoing feeders cables can't be determined, because in the layout plan of the five new substations, the access point between overhead line and substation is not represented. Please verify the question.	Please consider the pole for outgoing feeders cable termination shall be at the outside of property line.
19.	Section: 6 Employer's Requirements	6.1.2 Bill of Quantity (BOQ)	According to BOQ of the substations "Battery, 110volt DC nominal, ≥160Ah minimum" Please be specific.	As per Tender Document.
20.	Section: 6 Employer's Requirements	6.1.2 Bill of Quantity (BOQ)	According to BOQ of the substations, The protection functions (ANSI) of 33kV Line Protection and Transformer Protection, Please be specific.	As per Tender Document.
21.	Section: 6 Employer's Requirements	6.1.4 Bill of Quantity (BOQ)	Kindly specify the parameters and specification of the optical fiber cable termination equipment list in the BOQ.	As per relevant Standard.
22.	-	-	Please provide topographic map and geotechnical Investigation Report.	Please follow the Tender Document.
23.	-	-	The design parameters of seismic load and wind load in this area are not found.	Please follow the Tender Document.

International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
24.	Section: 6 Employer's Requirements	6.1.4 Bill of Quantity (BOQ)	We see the following description, "Distributed Acoustic Sensing (DAS) & Distributed Temperature Sensing (DTS) system for the double circuit Underground Power Cable" in the BOQ of cable double circuit line material. Please clarify the application scope of the cable monitoring system, such as the sensor is only installed at the cable joint or termination, or at other substation locations. And is DAS system used to monitor sound of cable when is operating ?	As per Tender Document.
25.	Section: 4 Particular Conditions of Contract Clause no. GCC 60.4, Page- 110	Taxes and Duties (New Clause)	It is our understanding that the contractor should pay Income Tax for payment of Foreign & Local Currency under the contract amount and the rate is 7.5%, please confirm.	As per Tender Document.
26.	Section-2: TDS ITT 24.2(r)	Type Test Certificates & Reports	Please clarify whether test carried out at any independent testing laboratory and have been witnessed and certified by a representative from STL member testing laboratories is acceptable for Transformer, GIS, Surge Arrester, XLPE Cables, Cable termination kits, etc ?	Type Test required from any short-circuit testing liaison (STL) Member [http://www.stl-liaison.org/web/03_Members.php] or Organization or Laboratory as mentioned in TDS. Please consider the referred clause is 39.
27.	Section 4 PCC Clause No- GCC 40.2.2 Page-108	Before commencement of Guarantee test (As mentioned in appendix 8), Contractor will successfully complete Initial Commercial Operation (ICO) of the Plant and Facilities as mentioned in GCC Sub-Clause 39.11 thereof. If for reasons not attributable to the Contractor, the Guarantee Test of the Facilities or the relevant part thereof cannot be successfully completed within the period 30 (thirty) days from the date of successfully completion of ICO, Operational Acceptance Certificate (OAC)/ Provisional Acceptance Certificate (PAC) may be issued subjected to GCC Sub-Clause 40.3.1 hereof. But Contractor shall have to perform Guarantee Test as soon as Employer request for the same.	GCC Sub-Clause 39.11 is not seen in the Tender Documents. Please provide this clause or specify the contents and duration of ICO. Kindly clarify the guarantee test items that need to be done.	As per Tender Document.
28.	Section: 4 PCC Clause No. GCC	Partial Acceptance	According to GCC 40.4, Partial Acceptance of Plant and Facilities are allowed on the basis of successful completion	As per Tender Document.

International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
29.	40.4 Page- 108 Section: 4 PCC Clause No. GCC 24.1 Page- 104	Time for Completion	<p>of commissioning and Guarantee Test of a particular Sub-station. We hereby understand that the Intended Completion Date for each substation is 730 (Seven hundred thirty) days calculated from the Effective date of Contract to acceptance of Commissioning and Guarantee test run. Please confirm our understanding.</p> <p>Besides, we are understanding that partial acceptance of Plant and Facilities are also allowed on the basis of successful completion of commissioning of each section of UG cable line, and the Intended Completion Date for each section of UG cable line is 730 (Seven hundred thirty) days calculated from the Effective date of Contract to acceptance of Commissioning and Guarantee test run. Please confirm our understanding.</p> <p>Generally, the Time for completion of the whole of the facilities shall be calculated from the Effective Date of Contract to the Completion (that is, the Facilities (or a specific part thereof where specific parts are specified in the Contract) have been completed operationally and structurally and put in a tight and clean condition, all work in respect of Pre-commissioning of the Facilities or such specific part thereof has been completed, and the Facilities or specific part thereof are ready for Commissioning as provided in GCC Clause 1 (Definitions) hereof).</p> <p>We are understanding that for this project, the time for completion of the whole of the facilities shall be 730 (Seven hundred and thirty) days calculated from the Effective Date of Contract to the Completion, other than acceptance of Commissioning and Guarantee test run. Please confirm our understanding.</p>	As per Tender Document.
30.	-	Underground Pipe System Data	Kindly provide the underground pipe network data for the concerning sites of this project.	Please follow the Tender Document.






International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
31.	Section 3. GCC Clause No. 23.1 Page- 61	The Contractor shall attain Completion of the Facilities or of a part where a separate time for Completion of such part is specified in the Contract, within the time stated in the PCC or within such extended time to which the Contractor shall be entitled under GCC Clause 65.1 hereof. Site Regulations and SafetySuch Site regulations shall include, but shall not be limited to, rules in respect of security, safety of the Facilities, gate control, sanitation, medical care, and fire prevention, reasonable costs incurred by the Employer in connection therewith shall be paid by the Contractor to the Employer. Otherwise, the cost of such remedial work shall be borne by the Employer.	The Clause 23.1 Time for commencement is exactly same with the clause 24.1 Time for completion. We propose the clause 23.1 shall be "The Contractor shall commence work on the Facilities within the period specified in the PCC."	Please follow the relevant clauses mentioned in PCC.
32.	Section 3. GCC Clause No. 37.4 Page- 71	"The amount of Liquidated Damages for Delay or Delay Damages or Delay to Completion Date of the uncompleted delivery of goods/works/services or for any part thereof is: At the rate of zero point one percent (0.1%) of the Contract Price of relevant part per day. All Goods, whole works and related services shall be considered as uncomplete until the effective date of Operational Acceptance Certificate (OAC)/ Provisional Acceptance Certificate (PAC). Hence Liquidated Damages for delay or Delay Damages until effective date of OAC/PAC shall be applicable on the final Contract Price of the whole of the Goods, Works and related services."	Kindly specify the costs of employer under this clause 37.4.	Yes, But all Goods, whole works and related services shall be considered as uncomplete until the effective date of Operational Acceptance Certificate (OAC)/ Provisional Acceptance Certificate (PAC). Hence Liquidated Damages for delay or Delay Damages until effective date of OAC/PAC shall be applicable on the final Contract Price of the whole of the Goods, Works and related services.
33.	Section: 4 Particular Conditions of Contract Clause no. GCC 63.1, Page- 111	"The amount of Liquidated Damages for Delay or Delay Damages or Delay to Completion Date of the uncompleted delivery of goods/works/services or for any part thereof is: At the rate of zero point one percent (0.1%) of the Contract Price of relevant part per day. All Goods, whole works and related services shall be considered as uncomplete until the effective date of Operational Acceptance Certificate (OAC)/ Provisional Acceptance Certificate (PAC). Hence Liquidated Damages for delay or Delay Damages until effective date of OAC/PAC shall be applicable on the final Contract Price of the whole of the Goods, Works and related services."	We understand that the liquidated damages for delay is at the rate of zero point one percent (0.1%) of the Contract Price of relevant part per day, and the maximum percentage is 10%. Please confirm our understanding.	As per Tender Document.
34.	Section 4. PCC	Appendix 1: Terms and Procedures of Payment	How many days will the Employer pay the Contractor after the Contractor has submitted the documents? Kindly clarify.	As per Tender Document.
35.	Section 4. PCC	Appendix 1: Terms and Procedures of Payment	Kindly clarify the Interest Rate for Payment-Delay.	As per Tender Document.
36.	Section: 6 Employer's Requirements	A. Civil Works for Cable trench	We have noticed the attached drawings in lot-3 & lot-4, the cable trench dimensions for 4 circuits is 1.25m (width)*1.5m (depth), and the cable trench dimensions for 6 circuits is	Please follow the drawings. Cable trench dimensions for Double ckt. 1.2m (width)*1.5m

International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
	Clause 6.1.3.1 and 6.1.3.2		1.75m (width)*1.5m (depth). But the cable trench dimensions described for 2 circuits and 6 circuits in the clause 6.1.3.2 of bidding document is inconsistent, such as, cable trench for 4 circuits is 1.0 m(width)*1.25m (depth), and cable trench for 6 circuits is 1.75m(width)*1.65 m(depth). So please guide us which dimensions value is the cable trench requirements that we need to refer to? The bidding documents or drawings shall prevail?	(depth); For Four ckt. 1.5m (width)*1.5m (depth);
37.	Section-7: Clause No. 18 Page-603	BONDING AND EARTHING Surge protection shall be provided at all joints and terminations not permanently connected to earth to limit in induced voltages to (specified limits). The surge limiting device shall limit the peak voltage as specified for a peak current of 10kA. These devices shall also withstand the specified ac. r.m.s. maximum voltages without injurious heating.	Requirements for induced voltage, please describe and guide the induced voltage value of cable sheath and the type of cable bonding and earthing? For example, is it grounded at both ends or at the middle point according to the actual cable route length.	As per Tender Document.
38.	Attached drawings	interval of tied with plastic cable ties (Trefoil shape)	Please indicate whether the distance of interval of tied with plastic cable ties (Trefoil shape) is 1.5m or 3m, because we found different requirements of interval values in lot-2, lot-3 and lot-4.	Please follow the drawings. The distance of interval of tied with plastic cable ties (Trefoil shape) is 3m. As per Tender Document.
39.	Section- 6: 6.1.2 Bill of Quantity (BOQ)	From Clause 6.1.2.1 to 6.1.2.5	Please indicate the area of pucca surface as required to be broken and restored in the Lot-2 BOQ so that the contractor can quote accurately. Such as, the civil work c) Breaking of pucca surface as required described in the BOQ is 1 lot, which does not reflect the quantity, and it is very difficult to quote. So please kindly provide reference values.	As per Tender Document.
40.	Price Schedule, 33kV GIS Line Item, Description of Items for all Substations	Description of Items for 33kV GIS mentioned that, 33kV GIS including Surge Arresters and other related accessories.	We understood that, 33kV Outdoor Type Surge Arresters are mentioned in a separate line item in the price schedule and will not be a part of 33kV GIS Panels. Hence Surge Arresters will be Outdoor type. Kindly confirm the exact requirement.	Surge Arresters mentioned in 33kV GIS panel to be installed inside the panel and separate 33kV Outdoor Type Surge Arresters are to be installed at outdoor cable termination end. As per Tender Document.
41.	General	Multifunction Meter for 33kV GIS	There are no Multifunction meter requirement in any 33kV	As per Tender Document.

International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
42.	Protection Relays for 33kV GIS Panels	No. of Binary Input and Binary Output	GIS panels as per tender document. Kindly confirm shall we need to consider separate Multifunction Meter or not. Huge no. of Binary Input and Binary Output are mentioned in the Protection Relay GTP of 33kV GIS Panels. This has an impact on Relay price and overall in GIS price. As per GTP, following are the requirement: Transformer Panel - Differential Relay (42 BI + 32 BO); Transformer Panel - O/C & E/F Relay (42 BI + 32 BO); Line Feeder - O/C & E/F Relay (24 BI + 24 BO); Bus Coupler - O/C & E/F Relay (32 BI + 24 BO); Auxiliary Transformer - O/C & E/F Relay (24 BI + 24 BO); Kindly recheck the BI BO numbers and confirm the exact requirement.	As per Tender Document.
43.	Section-7: Technical Specification	Indicating LED Lamps for 33kV GIS Panels	It is not clear whether we need to consider separate indicating LED lamps or not. Kindly let us know if we need to consider the same. Also please clarify how many lamps per panel to be considered.	As per Tender Document.
44.	Price Schedule, 11kV GIS Line Item, Description of Items for all Substations	Description of Items for 11kV GIS mentioned that, 11kV GIS including Surge Arresters and other related accessories.	We understood that, 11kV Outdoor Type Surge Arresters are mentioned in a separate line item in the price schedule and will not be a part of 11kV GIS Panels. Hence Surge Arresters will be Outdoor type. Kindly confirm the exact requirement.	Surge Arresters mentioned in 11kV GIS panel to be installed inside the panel and separate 11kV Outdoor Type Surge Arresters are to be installed at outdoor cable termination end.
45.	General	Multifunction Meter for 11kV GIS	There are no Multifunction meter requirement in any 11kV GIS panels as per tender document. Kindly confirm shall we need to consider separate Multifunction Meter or not.	As per Tender Document.
46.	General	Voltmeter for 11kV GIS Outgoing Feeder Panels	There are no Voltmeter requirement in 11kV GIS Outgoing Switchgear panels as per tender document. Kindly confirm shall we need to consider Voltmeter for 11kV GIS Outgoing Switchgear panels or not.	As per Tender Document.
47.	Section-7: Technical	11kV GIS Line Voltage Transformer and Bus Voltage Transformer	From the Voltage Transformer description, it is not clear what kind of Voltage Transformer is required. As per our	11kV Bus Voltage Transformer is required for each bus segment.

International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
	Specification		<p>understanding following are the requirement:</p> <ul style="list-style-type: none"> - 11kV Bus Voltage Transformer is required for each bus segment. - 11kV Line Voltage Transformer is required for all Incoming Feeder switchgear panels. <p>Kindly confirm the requirement.</p>	
48.	Protection Relays for 11kV GIS Panels	No. of Binary Input and Binary Output	<p>Huge no. of Binary Input and Binary Output are mentioned in the Protection Relay GTP of 11kV GIS Panels. This has an impact on Relay price and overall in GIS price. As per GTP, following are the requirement:</p> <ul style="list-style-type: none"> Incoming Panel - O/C & E/F Relay (32 BI + 32 BO); Bus Coupler - O/C & E/F Relay (32 BI + 24 BO); Outgoing Panel - O/C & E/F Relay (24 BI + 24 BO); <p>Kindly recheck the BI BO numbers and confirm the exact requirement.</p>	As per Tender Document.
49.	Section-7: Technical Specification	Indicating LED Lamps for 11kV GIS Panels	<p>It is not clear whether we need to consider separate indicating LED lamps or not. Kindly let us know if we need to consider the same. Also please clarify how many lamps per panel to be considered.</p>	Please follow the Technical specification and GTP.
50.	General	Line Item: New Item & Quantity Variation	<p>Kindly confirm that if there are any changes in line items or quantity of line items during detail engineering, whether these shall be paid at actuals.</p>	Please consider the clause no. 6.1.2 (3) & 6.1.4 (3) in page no. 291 & 312 respectively.
51.	Line orientation	Line orientation	<p>Request to provide the following details for new substations as applicable:</p> <ol style="list-style-type: none"> 1. Line orientation of 33kV incoming/outgoing feeders & 11kV outgoing feeders 2. Location & Distance of terminal pole details for each of the 33kV and 11kV feeders to/from the Switchgear-cum-Control building. 	As per site requirement.

International Tender Ref. No.: 27.11.0000.101.14.03522-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
52.	General	Control Room layout	As per the control building layout provided for 33/11kV proposed GIS SS, we understand that dimensions provided in control building and overall plot plan is specified in meters. Only height of the room is specified in feet. Please confirm our understanding.	Yes. Please follow the technical specification and GTP.
53.	Technical Specification and GTP for 33kV GIS, Section 7.1, Clause 7.1.3.7 and Section 8, clause 8.01, S.No. 23&24	As per the referred clause in the technical specification and GTP of 33kV GIS, rated burden of 33kV Bus PT and Line PT is specified as 20VA. However as per the SLD provided for GIS SS, rated burden of 33kV Bus PT and Line PT is specified as 15VA.	Please specify the actual requirement.	Please follow the technical specification and GTP.
54.	Technical Specification and GTP for 11kV GIS, Section 7.1, Clause 7.1a.4.1 and Section 8, clause 8.02, S. No. 20	As per the referred clause in the technical specification and GTP of 11kV GIS, rated burden of 11kV Bus PT is specified as 20VA. However as per the SLD provided for GIS SS, rated burden of 11kV Bus PT is specified as 10VA.	Please specify the actual requirement.	Yes, No need to provide 33kV Lightning for 33kV incoming feeders. But 33kV surge arrester need to be provide in 33kV GIS panel.
55.	Price Schedule, Line item No. 2	33kV Lighting Arrester	As per the referred line item and SLD provided, we understand 33kV Lightning arrester will not be available for 33kV incoming feeders. Please confirm our understanding.	It shall be same as 33kV Outgoing GIS. No need to include separate GTP.
56.	GTP for 33kV GIS	Missing GTP Details	Please include the details of circuit breaker and isolator used in 33/0.415kV station transformer feeder in the GTP for 33kV Gas Insulated Switchgear	Please follow the price schedule & BOQ. No need to consider ACSR Grospeak (636 MCM) conductor for HT Bushing connection.
57.	Technical Specification for 33/11kV Power Transformer Section-7.4, Cl. 7.4.1.10	As per the referred clause in the technical specification, as mentioned, connection for HT Bushing of power transformer shall be suitable for ACSR Gross Beak (636 MCM) conductor. But as per the price schedule and scope of works, it is mentioned as 33kV side of power transformer shall be suitable for 1Cx500 Sq.mm Cu. XLPE cable per phase.	Please specify the actual requirement.	

International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
58.	Technical Specification for 33/11KV Power Transformer Section-7.4, Cl. 7.4.1.11	As per the referred clause in the technical specification, as mentioned, connection for LT Bushing of power transformer shall be suitable for 1Cx500Sq.mm Cu. XLPE cable per phase. But as per the price schedule and scope of works, it is mentioned as 11kV side of power transformer shall be suitable for 2Rx1Cx630 Sq.mm Cu. XLPE cable per phase.	Please specify the actual requirement.	Please follow the price schedule & BOQ. 11kV side of power transformer shall be suitable for 2x1Cx630 Sq.mm Cu. XLPE cable per phase.
59.	Technical Specification for 33kV GIS, Section 7.1, Clause 7.1.3.11 2A, S.No.9 and 33/11KV, 20/26MVA Power Transformer, Section-7.4, Cl. 7.4.1.5, S.No. 35.c	As per the referred clause in the technical specification of 33kV GIS, in 33kV PCM for transformer, we understand that the tap changing features can be provided either in the PCM of 33kV GIS or it can be provided in a separate RTCC panel. However, as per the referred clause in the technical specification, for 33/11KV, 20/26MVA power transformer, in features and accessories of transformer, it is specified as "RTCC facility in Transformer HT incoming PCM Panel" shall be provided.	From the above points, we propose Tap changing features as part of the PCM of 33kV transformer feeder. Separate RTCC Panel is not envisaged. Please confirm.	Tap changing features can be provided either in the PCM of 33kV GIS or it can be provided in a separate RTCC panel.
60.	Technical specification and GTP for 33/0.415kV Station Transformer, Section-7.4, Cl. 7.4.3 and Section-7.8, Cl. 8.18 and SoW Clause B.2	As per the referred clause in the GTP and Scope of works for 250kVA station transformer, we understand that station transformer is of oil type. However as per the referred clause in the technical specification for 250kVA station transformer, it seems to be dry type.	Kindly confirm the actual requirement. If our requirement is for oil type transformer, please provide the specification for the same.	The station transformer shall be oil type and cooling method shall be ONAN.
61.	Technical specification and GTP for 33/0.415kV Station Transformer, Section-7.4, Cl. 7.4.3.2 and Section-7.8, Cl.	As per the referred clause in the technical specification of 250kVA station transformer, highest system voltage of LT winding is specified as 453V. However same is specified as 457V in GTP of 250kVA station transformer.	Please specify the actual requirement.	Highest system voltage of LT winding shall be 457V.

International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
62.	Technical specification and GTP for 33/0.415KV Station Transformer, Section-7.4, Cl. 7.4.3.2 and Section-7.8, Cl. 8.18, S.No. 11.b	As per the referred clause in the technical specification of 250KVA station transformer, power frequency withstand voltage of LT winding is specified as 3kV. However same is specified as 2.5kV in GTP of 250KVA station transformer.	Please specify the actual requirement.	Power frequency withstand voltage of LT winding shall be 2.5kV.
63.	Technical specification and GTP for 33/0.415KV Station Transformer, Section-7.4, Cl. 7.4.3.1, S.No.11 and Section-7.8, Cl. 8.18, S.No. 15	As per the referred clause in the technical specification of 250KVA station transformer, Percentage Impedance at 75 deg C is specified as 6%. However same is specified as 5% in GTP of 250KVA station transformer.	Please specify the actual requirement.	Percentage Impedance at 75°C shall be 5%.
64.	Technical specification and GTP for 33/0.415KV Station Transformer, Section-7.4, Cl. 7.4.3.1, S.No. 12&13 and Section-7.8, Cl. 8.18, S.No. 16&17	As per the referred clause in the technical specification of 250KVA station transformer, losses are as follows No Load Loss - 1200W Load losses at rated full load at 75 deg C - 4000W. But as per the GTP for 250KVA station transformer, losses are as follows No Load Loss - 812W Load losses at rated full load at 75 deg C - 3637W	Please specify the actual requirement.	As per the GTP the losses shall be as follows: No Load Loss - 812W Load losses at rated full load at 75 deg C - 3637W
65.	Technical specification for 33/0.415KV Station Transformer, Section-7.4, Cl. 7.4.3.3 f and g	As per the referred clause in the technical specification for 250KVA station transformer, it is mentioned as HT and LT bushing shall be suitable for accommodating ACSR conductor and copper/AAC conductor respectively. However as per the price schedule and SoW, it is specified as 33kV and LV side of 250KVA station transformer shall be suitable for 33kV, 3CX95Sq:mm cable and 0.415KV.	Please specify the actual requirement.	Please follow the price schedule and BOQ.

International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
66.	GTP for 33/0.415kV Station Transformer, Section-7.8, Cl. 8.18, S.No. 49&50	4Cx120Sq.mm cable respectively. As per the referred line item in the GTP, it is specified as type test and short circuit test report for 33/11kV, 200kVA distribution transformer is required. But as per the project requirement test reports will be required for 250kVA transformer.	We understand that it is a typo error & the requirement shall be 250kVA. Please confirm.	Yes, it will be 250KVA.
67.	Scope of Works, Clause B.26	As per the referred clause in the scope of works, 01 (one) No. 33/0.415kV, 250kVA Station Transformer will be installed separately in the ground floor / beside the Power Transformer. However as per the layout provided for 33/11kV GIS substation, location of station transformer is not identified.	Please clarify the ambiguity.	It's not shown in the layout. It will be installed separately beside the Power Transformers.
68.	Price Schedule, Line item No.9	As per the referred line item in the price schedule, we understand that there is no line item for incoming cable of 33kV, 1Cx800Sq.mm cable. Only line item for termination kit for 1Cx800Sq.mm cable is available and will be under bidder's scope	Please confirm our understanding.	Separate price schedule is available for 33kV, 1Cx800Sq.mm cable.
69.	Technical specification for LVAC Distribution Panel Section-7.3, Cl. 7.3.20	As per the referred clause in the specification we understand that, 2 Nos. of 400A MCCB need to be provided with interlock for ACDB incomers. However as per the price schedule only one no. of station transformer is mentioned.	Please clarify the source of second incomer for LV AC distribution panel.	As per Tender Document.
70.	Technical specification for DC Distribution Panel Section-7.3, Cl. 7.3.21	The incoming and outgoing feeder details of DCDB board is not provided in the technical specification.	Please furnish the details similar to ACDB technical specification.	As per Tender Document.
71.	General	Missing GTP & Technical Specification Details: CCTV	Please furnish the General Technical Particulars and technical specification for following equipments 1. CCTV System	As per Tender Document.





International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33KV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
72.	Technical specification for 33kV and 11kV Power Cable, Cl. 7.5.1	33kV and 11kV cables	For 33kV and 11kV cables, we propose that the Metallic screen in combination with Armour shall withstand the specified earth fault current. Please confirm. Also, kindly clarify whether the 33kV & 11kV cable to be supplied under this contract is Earthed grade or unearthed grade?	As per Tender Document.
73.	GTP for LT Cable Section-8, Cl. 8.20 & 8.21	As per the referred clause in the GTP clauses, details of 1Cx120Sq.mm and 1Cx150Sq.mm LT cables are provided.	It is observed that line item for these cables are not available in the price schedule. Please clarify the requirement of these cables. If required include these sizes in the BPS.	For earthing purpose of different equipment under this scope. This cable shall be pvc insulated copper cable of 2X1CX150 mm2.
74.	Price Schedule, Line item No. 14 and Scope of Works, Cl. B.34	As per the referred line item, we understand that, Power Transformer Neutral will be connected to ground by copper cable of 2X1CX185 mm2. However as per the technical specification clause, 7.3.24, Page 444 and specified clause in SOW, 2x150 sq-mm conductor is specified for PTR neutral.	Please specify the actual requirement.	The outdoor lighting system generally need to be designed to meet the requirements of IEC Standards.
75.	General	Substation Lighting	Please specify the lux level need to be maintained in outdoor/transformer area for the illumination system.	Not applicable for 33kV & 11kV voltage level
76.	Cl.no. 7.1.3.3	As per referred clause "Tests for corona and radio interference shall be carried out by the Contractor at his Works and on Site".	As per IEC 62271-200 Radio interference voltage test is not applicable for 33 kV & 11 kV voltage level. Please clarify.	As per Tender Document.
77.	Price Schedule, Station Transformer, Line item No. 4	Auxiliary Transformer	We presume that the auxiliary transformer capacity is given for present scope of work including future bays. Hence we are not envisaging the auxiliary transformer sizing in our scope. We understand in case the auxiliary transformer rating is found to be increased during detailed engineering, the same shall be paid additionally to the Bidder. Please Confirm.	As per Tender Document.
78.	Price Schedule, Battery and Battery Charger, Line item No. 7 & 8a	Battery & Charger	We presume that the 110V battery & 110V battery charger capacity is given for present scope of work including future bays. Hence we are not envisaging the battery sizing in our scope. We understand in case the battery & charger rating is	As per Tender Document.

International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
79.	Price Schedule, LV AC and DCDB Panel, Line item No. 6 & 8b	ACDB & DCDB	We propose the feeders in DCDB & ACDB only for present scope of works. We are not considering any spare feeders for future scope. Please confirm.	As per Tender Document.
80.	General	Approved Make List	Request to provide the approved make list of the equipments to be supplied.	Please follow the Tender Document.
81.	Technical Specification for 33/11KV Power Transformer Section-7.4, Cl. 7.4.1.6.B.5	Dynamic short circuit withstand test reports	In line with referred clause, We request BPDB to accept Dynamic short circuit withstand test reports of already tested similar transformers based on the similarity criteria as per IEC 60076-5. Please confirm and provide your acceptance.	As per Tender Document.
82.	Substation Automation System	SAS/SCADA augmentation at existing substations	We do not envisage any SAS/SCADA augmentation at existing substations. If required, please add a separate line item in the price schedule. Also please furnish the make and model number of the existing SAS.	As per Tender Document.
83.	Substation Automation System	SAS : PRP or HSR communication protocols	For SAS we do not envisage any PRP or HSR communication protocols. We propose single communication link between each relay and bay level ethernet switch. Redundant ring shall be provided only at station level. Please confirm.	As per Tender Document.
84.	UG Cabling works	Design, Supply, Installation, Testing & Commissioning of 33kV, 1x800mm ² XLPE Underground armoured copper cable Double circuit line f) R.C.C cable trench and R.C.C. slab (1:1.5:3)	Kindly provide clear breakup of the cable to be laid in the R.C.C cable trench.	R.C.C Cable trench is required for laying the cable within substation boundary area and R.C.C slab throughout the buried cable as per Scope of Work.
85.	7.6 CIVIL AND ARCHITECTURE - Cl.7.6.2.0	Length of Approach Road	Please provide the approximate length of the approach road for each substation.	As per site requirement.

International Tender Ref. No.: 27.11.00000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33KV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
86.	Cl.6.1.1.A.1) (Pg.339)	It is indicated that land development work with 1 meter above the highest flood level or 1 meter above the nearest highway or road level which is higher.	The height appears to be very conservative. Hence we propose 300mm above the highest flood level or 300mm above the nearest highway or road level. Please confirm if the same can be adopted.	As per Tender Document.
87.	6.2 Bill of Quantities (BOQ)	The detailed scope of work given in Section 6.1 of Volume 1 of Tender document includes soil testing for soil resistivity and soil bearing capacity.	The Schedule of rates and Prices - Schedule 4 - Civil works part does not include item for soil investigation. Please include item for soil investigation.	As per Tender Document.
88.	General	Drain Outfall point	Request you to indicate the outfall point for the drain along with the place which it has to be drained into from the boundary.	As per site requirement.
89.	Cl.6.1.1.1 (6)	Please note that as per scope it is mentioned that "In control room high quality tiles shall be installed in floor".	In this regard request you to provide the required type of tiles corresponding to different rooms of the GIS building.	As per Tender Document.
90.	Section 7.2. Technical specifications of power transformers and station auxiliary transformers	In section 7.2. Technical specifications of power transformers and station auxiliary transformers, the type of foundation to be adopted for transformers has not been specified.	Request to confirm whether we have to adopt pedestal type foundation or complete block type foundation for transformer.	Usually pedestal type foundation is adopted.
91.	Cl.7.6.1.3 pg.no.516- Basic design conditions	As per clause 7.6.1.3, wind velocity is mentioned as 217m/s,	Kindly confirm as the value seems to be much higher.	As per Tender Document.
92.	Section 7.6. Control Building Cl.7.6.28	As per clause 7.6.28, It is mentioned as Lintels for opening shall be of reinforced concrete and extended to a length of at least 20mm into the adjoining walls. The bearing length of 20mm looks very less,	We presume to be it as 200mm, Kindly confirm.	Amended as: Lintels for opening shall be of reinforced concrete and extended to a length of at least 20 inch into the adjoining walls

International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
93.	Section 7.6. Architectural and structural Requirements of Buildings	As per clause 7.6.2.1, It is mentioned as Modern Architectural designed R.C.C or Steel Framed Structure featured by Green Building Technology.	Kindly confirm in particular whether R.C.C or steel building need to be considered.	Please consider the R.C.C structure for Control Building.
94.	Section 7.6. Clause.7.6.2.2 Ground conditions, Foundations and Site Investigation	As per clause 7.6.2.1, Pg.No.764, It is mentioned as, The tops of all foundations shall terminate 1000mm above site average finished surface level,	We understand that top of foundation means top of pedestal, also 1000mm above Average finished surface looks conservative. Kindly confirm the same.	As per Tender Document.
95.	General	Firewall	Please specify the fire rating and type of firewall required for power transformers, request you to share the typical drawing as per existing practice.	As per Tender Document.
96.	General	Oil Collection Pit	Please clarify whether a common oil collection pit or underground oil collection tank is to be provided for the transformers in both the stations.	As per Tender Document.
97.	General	Culvert	Please confirm the type of culvert (RCC Box culvert or pipe culvert) is to be provided for trenches and drains crossing the road.	As per Tender Document.
98.	General	Lattice Structure	We propose to use lattice type structure for all equipment supports. Please confirm.	As per Tender Document.
99.	General	Steel Grade	Please mention the grade of steel to be used for structural works. We propose to adopt mild steel with minimum yield strength of 250 MPa.	As per Design requirement
100.	General	Standard Drawings	Please provide the standard drawings for trench, drain, boundary wall, fence, gate, etc., if any.	As per Tender Document.
101.	General	Retaining wall	Please specify the type of retaining wall required.	As per site requirement.
102.	General	External Staircase	Please confirm whether external staircase is required for the control room building.	As per Tender Document.





International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
103.	General	Boundary Wall	In specification, the type of boundary wall is not mentioned. We have considered the same shall be RCC frame with brick infill wall. Please confirm.	As per Tender Document.
104.	General	General	We trust that all steel structures shall be connected to their foundation by foundation bolts and base plate. Please confirm.	As per Tender Document.
105.	General	General	Scope of work shall be limited only to Section 6 - Employer's requirements and Price schedule. The section 7 and 8 titled "Technical specifications of Plant and equipment" and "Guaranteed technical particular (GTP) of Plant and equipment" shall be considered only for reference purposes for technical details and not for scope. Also in case of discrepancy between section 6 and section 7, it is considered that section 6 would prevail. In case of contradiction between Price schedule and other sections, it is considered that price schedule shall prevail.	As per Tender Document.
106.	General	General	Please furnish the preliminary soil investigation report for all the substations in lot-2, in order to assess the fill depth, foundation depth and type.	Please follow the Tender Document.
107.	General	General	It is indicated that cable trenches are to be provided for power and control cables but the type of cable trench is not specified. Please confirm whether the trench is with RCC or brickwall.	As per Tender Document.
108.	Section-1: ITT Clause No. 4.4 Page-3	If corrupt, fraudulent, collusive, coercive (or obstructive in case of Development Partner) practices of any kind is determined by the Procuring Entity against any Tenderer or Contracts (including sub-contractors, agents, personnel, consultants, and service providers) in competing for, or in executing, a contract under public fund:	With respect to the subject clause, we request you to give the contractor an opportunity to explain, before the Procuring Entity exercise its rights under this clause.	As per Tender Document.

International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
109.	Section-2: TDS ITT Clause No. 24.2 Page-40	Delegation of Power of Attorney/Authorization Letter to Sign the Bid	We understand that PoA will be drawn in favor of Secretary, BPDB only. Please confirm.	As per Tender Document.
110.	Section-2: TDS ITT Clause No. 26.5 (a) Page-47	Port of Landing: Any port of Chittagong/Dhaka/Khulina (Mongla)/Benapole. Place of Destination: Project site or Project Store, Chattogram (Phase-2) or BPDB's store near to the substation sites or any store/place as directed by Consignee.	We understand that nearby BPDB store will be available for storing Material/ Machinery/ Equipment for this project free of any charges. Please confirm.	As per Tender Document.
111.	ITT 26.7	The prices quoted by the Tenderer shall be fixed for the duration of the Contract	Citing huge price variations in market within last one year and in line with similar tenders in past, requesting you to add Price Adjustment Clause for Transformers, Cable, Structure, Civil & Erection items. DPDC Price Variation formula is attached for your reference.	As per Tender Document.
112.	ITT 29.3 (c)	After sales service is required	We understand that only obligations covered under DLPWarrantee will be covered in after sales service by the contractor. Please confirm.	As per Tender Document.
113.	ITT 57.5 (b) Schedule 1.3,4,5&6 2.3,4,5&6	Cost of major replacement components, mandatory spare parts, and service: Not Applicable. Supply of VCB (Including 1 Spare)	Subject clause and BoQ are contradicting as cost of spares is included for overall price bid. Requesting you to include required spares under Schedule 1.9 & 2.9	As per Tender Document.
114.	ITT 57.7	If the lowest Evaluated Tender is significantly below the official estimated cost or unbalanced as a result of front loading in the opinion of the TEC.	The % below the Tender estimate for which the bids will be considered "significantly below the official estimate" is not specified in the tender document. Requesting you to kindly specify.	As per Tender Document.
115.	Section-3: GCC Clause No. 7.1 Page-56	The parties shall enter into a Contract Agreement within twenty eight (28) days from the date of issuance of the Notification of Award (NOA). The costs of stamp duties and similar charges, if any, designated by the applicable law in connection with entry into the Contract Agreement, shall be borne by the Employer	Please indicate the stamp duty of non judicial stamp paper.	As per Tender Document.
116.	Section-3: GCC Clause No. 13.1 Page-57	The Employer shall give possession of the Site or part(s) of the Site, to the Contractor on the date(s) stated in the PCC. If possession of a part of the Site is not given by the date stated	Contractor will be eligible for both Cost and Time Compensation. Please confirm.	As per Tender Document.

International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
		in the PCC, the Employer will be deemed to have delayed the start of the relevant activities, and this will be a Compensation Event		
117.	13.1 25	The Employer shall give possession of the Site or part(s) of the Site, to the Contractor on the date(s) stated in the PCC. If possession of a part of the Site is not given by the date stated in the PCC, the Employer will be deemed to have delayed the start of the relevant activities, and this will be a Compensation Event Employer Responsibility	We understand that right of way acquisition i.e. associated acquisitions of land, clearance from local bodies, etc. if any will be scope of the employer. Please confirm.	As per Tender Document.
118.	Section-3: GCC Clause No. 17.2 Page-58	The Contractor, in particular, shall provide proper accommodation to his or her labourers and arrange proper water supply, conservancy and sanitation arrangements at the site for all necessary hygienic requirements and for the prevention of epidemics in accordance with relevant regulations, rules and orders of the government.	The minimum facilities or % of contract value to be considered for necessary arrangement under this requirement is not clearly specified in the tender document. Please specify.	As per Tender Document.
119.	GCC 26.2	The Contractor confirms that it has entered into this Contract on the basis of a proper examination of the data relating to the Facilities including any data as to boring tests provided by the Employer, and on the basis of information that the Contractor could have obtained from a visual inspection of the Site if access thereto was available and of other data readily available to it relating to the Facilities as of the date twenty-eight (28) days prior to tender submission.	No boring data / geological data is provided along with the tender document. Please provide the available data for the SS locations.	As per Tender Document.
120.	GCC 52	Force Majeure	We understand that epidemic/ pandemic and their subsequent variants will be covered in Force Majeure. Please confirm.	As per Tender Document.
121.	GCC 64.2.5	If before or during the preparation of the Change Proposal it becomes apparent that the aggregate effect of compliance therewith and with all other Change Orders that have already become binding upon the Contractor under this GCC Clause 64 would be to increase or decrease the Contract Price as originally set forth in Article 2 (Contract Price) of the Contract	We understand that Quantity Variation shall not be more than (+/-) 15% of the Total Contract Value. Please confirm that if there is any ceiling on individual item variation.	As per Tender Document.

International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]






Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
122.	GCC 41.2	Agreement by more than fifteen percent (15%), the Contractor may give a written notice of objection thereto prior to furnishing the Change Proposal as aforesaid. If the Employer accepts the Contractor's objection, the Employer shall withdraw the proposed Change and shall notify the Contractor in writing thereof. The amount of Liquidated Damages for Delay or Delay Damages or Delay to Completion Date of the uncompleted delivery of goods/works/services or for any part thereof is: At the rate of zero point one percent (0.1%) of the Contract Price of relevant part per day	We understand that LD is levied only on undelivered portions of the Substation. Please confirm.	As per Sl. No. 33 of this Addendum
123.	GCC 60.4 2	Import Duty, VAT, Taxes, Levies and other Taxes for Permanent Materials of the project: The Board shall pay all Bangladesh Customs and Import duties, VAT, Taxes and all other liabilities arising from the Importation of all permanent Materials and equipments under the contract.	We understand that all taxes and duties arising on the all permanent materials and equipments under the contract shall be paid by the employer. Kindly confirm. Also, please confirm if any changes in the taxes and duties shall be on employer's account.	As per Tender Document.
124.	GCC 60.1 60.4 Schedule 1	Import Duty, VAT, Taxes, Levies and other Taxes for Permanent Materials of the project: The Board shall pay all Bangladesh Customs and Import duties, VAT, Taxes and all other liabilities arising from the Importation of all permanent Materials and equipments under the contract.	We understand that Column 7 of Schedule 1: Taxes and Duties In Local Currency will not be included in the evaluation of Price Bids. Please confirm.	As per Tender Document.
125.	GCC 60.4 Schedule 2	Import Duty, VAT, Taxes, Levies and other Taxes for Permanent Materials of the project: The Board shall pay all Bangladesh Customs and Import duties, VAT, Taxes and all other liabilities arising from the Importation of all permanent Materials and equipments under the contract.	We understand that the Taxes and Duties In Local or Foreign Currency (Column 6 & 7) quoted under this Schedule will not be considered during commercial evaluation. Please confirm.	As per Tender Document.
126.	GCC 60.4 Schedule 2	Import Duty, VAT, Taxes, Levies and other Taxes for Permanent Materials of the project: The Board shall pay all Bangladesh Customs and Import duties, VAT, Taxes and all other liabilities arising from the Importation of all permanent Materials and equipments under the contract.	We understand that local sales tax is to be quoted for Schedule No.2. Same tax will be reimbursed to contractor as per the PCC GCC 60. Please confirm.	As per Tender Document.

International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33KV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
127.	Insurance Requirements	The minimum insurance cover shall be 110% (Hundred Ten). The insurance policy would be furnished from Bangladesh Sadharan Bima Corporation.	We request you to consider all reputed Private/Gov. Insurance Company in Bangladesh/ Bidder Country/ Manufacturer Country for this Contractor's Insurance requirement.	As per Tender Document.
128.	Bank Guarantee	Bank Guarantee for Tender Security (Form PG5A- 6) [this is the format for the Tender Security to be issued by a scheduled bank of Bangladesh as stated under ITT Clauses32 and 33]	Requesting you to accept Bank Guarantee from Scheduled Banks of Bangladesh/Internationally Reputed Banks also.	As per Tender Document.
129.	Bank Guarantee	Bank Guarantee for Tender Security (Form PG5A- 6)	With reference to the feedback received from Banks, kindly allow addition of the following last para to the EMD BG. "Notwithstanding anything stated above: 1) Our liability under this Guarantee shall not exceed Rs..... (both in figures & in words). 2) The Bank Guarantee shall remain valid up to and including* (day/month/year). 3) We are liable to pay the Guaranteed amount or any part thereof under this Bank Guarantee only and only if we receive a written claim or demand on or before* (day/month/year) at* (Bank Branch)." Kindly confirm.	As per Tender Document.
130.	Bank Guarantee	Bank Guarantee for Tender Security (Form PG5A- 6)	Please indicate the stamp duty of non judicial stamp paper.	As per Tender Document.
131.	Line of Credit	Letter of Commitment for Bank's undertaking for Line of Credit (Form PG5A-6a) [This is the format for the Credit Line to be issued by any scheduled Bank of Bangladesh in accordance with ITT Clause 15.1(b)]	Requesting you to accept Letter for Line of Credit from Scheduled Banks of Bangladesh/Internationally Reputed Banks also.	As per Tender Document.
132.	GCC 8	Neither the Contractor nor the Employer shall assign, in whole or in part, its obligations under the Contract; except with the Employer's prior written approval	We hereby propose to modify the clause as "Neither the Contractor nor the Employer shall assign, in whole or in part, its obligations under the Contract, except with the prior written approval of the other party. No such assignment shall diminish the rights, remedies or entitlements of the	As per Tender Document.

International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
133.	GCC 68.2	<p>If the Contract is terminated for the Employer's convenience or because of a fundamental breach of Contract by the Employer, the Project Manager shall issue a payment certificate for the value of the work done, Materials ordered, the reasonable cost of removal of Equipment, repatriation of the Contractor's foreign personnel employed solely on the Works and recruited specifically for the Works, and the Contractor's costs of protecting and securing the Works, and less advance payments received up to the date of the certificate.</p> <p>Frustration If the Contract is frustrated by the occurrence of a situation of Force Majeure as defined in GCC Sub Clause 52, the Engineer shall certify that the Contract has been frustrated. The Contractor shall make the Site safe and stop work as quickly as possible after receiving this certificate and shall be paid for all works carried out before receiving it and for any work carried out afterwards to which a commitment was made.</p> <p>Authority of the Engineer- To prevent delays and disputes, and to discourage litigation, it is agreed by the parties to this Contract that the Engineer shall resolve, by written opinion, all questions in relation to the Work performed under this Contract. If, in the opinion of the Contractor or the Employer, a written decision made by the Engineer is not in accordance with the meaning and intent of the Contract, either party may file with the engineer and the other party to the Contract, within thirty (30) days after receipt written decision, a written objection to the decision. Failure to file an objection within the allotted time will be considered as acceptance of the Engineer's decision and the decision shall become final and conclusive. If such written objection is timely filed, the objecting party may at any time thereafter and prior to final payment under the Contract, request</p>	<p>Contractor" Request your acceptance for the same.</p> <p>In addition to the payment entitlements listed in this clause, we would like to add that the Contractor shall also be entitled to "such other costs or liabilities which in the circumstances were reasonably and necessarily incurred by the Contractor in the expectation of completing the Works". Request your acceptance for the same.</p>	As per Tender Document.
134.	GCC 70	<p>Frustration If the Contract is frustrated by the occurrence of a situation of Force Majeure as defined in GCC Sub Clause 52, the Engineer shall certify that the Contract has been frustrated. The Contractor shall make the Site safe and stop work as quickly as possible after receiving this certificate and shall be paid for all works carried out before receiving it and for any work carried out afterwards to which a commitment was made.</p> <p>Authority of the Engineer- To prevent delays and disputes, and to discourage litigation, it is agreed by the parties to this Contract that the Engineer shall resolve, by written opinion, all questions in relation to the Work performed under this Contract. If, in the opinion of the Contractor or the Employer, a written decision made by the Engineer is not in accordance with the meaning and intent of the Contract, either party may file with the engineer and the other party to the Contract, within thirty (30) days after receipt written decision, a written objection to the decision. Failure to file an objection within the allotted time will be considered as acceptance of the Engineer's decision and the decision shall become final and conclusive. If such written objection is timely filed, the objecting party may at any time thereafter and prior to final payment under the Contract, request</p>	<p>In the event of frustration of Contract due to occurrence of a situation of Force Majeure, request to ensure that Contractor is entitled to all payments as mentioned in GCC 68.3</p>	As per Tender Document.
135.	PCC 35.3.2	<p>Authority of the Engineer- To prevent delays and disputes, and to discourage litigation, it is agreed by the parties to this Contract that the Engineer shall resolve, by written opinion, all questions in relation to the Work performed under this Contract. If, in the opinion of the Contractor or the Employer, a written decision made by the Engineer is not in accordance with the meaning and intent of the Contract, either party may file with the engineer and the other party to the Contract, within thirty (30) days after receipt written decision, a written objection to the decision. Failure to file an objection within the allotted time will be considered as acceptance of the Engineer's decision and the decision shall become final and conclusive. If such written objection is timely filed, the objecting party may at any time thereafter and prior to final payment under the Contract, request</p>	<p>Considering this clause, we like humbly like you to ensure that: (a) Engineer shall provide his decision as soon as possible and within a period not exceeding 14 days; (b) The Engineer's decision shall not be final/conclusive and the filing of written objection shall not be a condition precedent to the right to request arbitration or to start action in court.</p>	As per Tender Document.

International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
		that the matter be referred to arbitration pursuant to the provisions hereinafter set forth in Clause "Arbitration". The Engineer's decision and the filing of the written objection thereto shall be Conditions precedent to the right to request arbitration or to start action in court."		
136.	GCC 77.1	Release of liability- "The acceptance by the Contractor of the last payment shall operate as, and shall be, a release to the BOARD and every officer, agent and employee thereof, from all claims and liability hereunder for anything done or furnished for or relating to the work, or for any act or neglect of the BOARD or of any person relating to or the affecting the work	Kindly ensure that this clause shall not apply to any surviving disputes or claims of the Contractor	As per Tender Document.
137.	GCC 57.3 /w Appendix 1	Note: The Payment-delay period after which the Purchaser shall pay interest to the Contractor/Supplier shall not allowed. No interest will be applicable for delayed payment	We like to request you to kindly consider this clause since ideally, Contractor should be entitled to interest on delayed payments	As per Tender Document.
138.	Section 2: Tender Data Sheet ITT 14.1 (b)	The minimum specific experience as a Contractor or Subcontractor or Management Contractor in similar to the proposed plant and services is as follows: i) For 33KV XLPE Power Cable: At least 2(two) contract(s) of similar nature*, complexity and methods/construction technology successfully completed within the last 10 (ten) years, each with a value of at least BDT 40 (Forty) Crore or equivalent USD 4.30 (Four point three zero) millions.	As per the employer requirement and work scope the Power Cable portion work scope is bigger than the sub-station portion. While the specific experience requirement for the Power Cable is lower than the sub-station. Please specify the ground.	As per Tender Document.
139.	Schedule of Rate & Prices, No. 6, 9 & 10; Line Item No. 4		In the price schedule there are requirement for Distributed Acoustic Sensing (DAS) & Distributed Temperature Sensing (DTS) system for the double circuit Underground Power Cable. (i) In the Section 8; 8.31 GTP there is no detail specification for DAS & DTS. Please clarify. (ii) DAS & DTS are important elements of the subject tender but there is no manufacturer's specific requirements mentioned in the Tender Document. Bidder's request is to	As per Tender Document.

International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
140.	Clause- 6.1.3(9) & Clause- 6.1.2.3(23c)	As per the mentioned clause, there is separate line item for Design & Construction of New Office Building Four storied 4x400sq.m at Madarbari, however, details regarding layout and floor plans have not been provided in the tender document.	add specific experience requirements for the DAS & DTS. (iii) DAS & DTS is technically highly classified and new technology to be used in Bangladesh by BPDB; Therefore, there is requirement for proper training & optimization of the system. But there is no line item for training & development in the Price Schedule. Bidder's request is to add a line item for the same.	
141.	Clause- 6.1.3(9)	As per the clause- "Overhead RCC water tank as per BNBC requirement on the top of the office building & underground water reservoir (tank)" to be provided.	We request you to provide the layout and floor plan details along with utility requirement.	As per Tender Document.
142.	Section: GCC Clause No. 52. Page- 88	Force Majeure	We request you to share the BNBC requirements along with the standard practice. Kindly add clause concerning contract termination under force majeure, for example "If the performance of the Contract is substantially prevented, hindered, or delayed for a single period of more than 60 days or an aggregate period of more than 120 days on account of one or more events of Force Majeure during the currency of the Contract, the parties will attempt to develop a mutually satisfactory solution, failing which either party may terminate the Contract by giving a notice to the other."	It's available on the website of Department of Printing and Publications of Bangladesh. As per Tender Document.
143.	Section-4: PCC Clause No. GCC 73.1 List Delivery Document (New Clause) Page-112	List Delivery Document (New Clause) "For Schedule No. 1 - Plant and Equipment Supplied from Abroad / Goods supplied from abroad as per INCOTERM CIP:"	We understand that upon shipment, we can apply payment for 50% CIP value with relative documents. But the "Truck Challan" is requested for this payment, we understand that the truck challan documents is issued for local inland transport, we consider it not applicable for the 50% CIP shipment payment. Kindly delete the requirement of "Truck Challan".	As per Tender Document it's mentioned as "Truck Challan (where applicable)".

International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
144.	Section 2: Tender Data Sheet ITT 14.1 (b)	The minimum specific experience as a Contractor or Subcontractor or Management Contractor in similar to the proposed plant and services is as follows: ii) For 33kV XLPE Power Cable: At least 2(two) contract(s) of similar nature*, complexity and methods/construction technology successfully completed within the last 10 (ten) years, each with a value of at least BDT 40 (Forty) Crore or equivalent USD 4.30 (Four point three zero) millions.	At least 1 (one) contract (s) of similar nature* complexity and methods /construction technology successfully completed within the last 10 (ten) years, each with a value of at least BDT 40 (Forty) Crore or equivalent USD 4.30 (Four point three zero) millions. There are very few manufacturers that comply with the above clause as listed in the tender document. The above requested amendment would allow more participants and would ensure a better competition.	As per Tender Document.
145.	-	Scope of work	Being an experienced international bidder from China, interested in participation and willing to provide most competitive offer for the above mentioned tender, we are pleased to write you for kind consideration to evaluate the feasibility and practically with advantages of separating the supply and construction work of 33kV underground cable double circuit source line from the tender Lot-2.	As per Tender Document.
146.	Section-2: TDS Tender Preparation ITT 24.2 (f), (14) Page-43	At least 02 (two) nos. of Manufacturer's Supply Experience (supported by Copy of Completion Certificate from Purchaser along with NOA/Contract Agreement/Purchase Order and the Completion Certificate shall contain Purchaser's full mailing address, fax/telephone number, website address, domain e-mail address for the convenience of authentication) for offered type similar or higher capacity rating Power Transformer, 33kV & 11kV GIS, 33kV & 11kV LA and 33kV & 11kV XLPE Power Cable of same voltage class within the last 05 (five) years i.e. years counting backward from the date of publication of IFT in the news paper.	Please confirm that Manufacturer's Supply Experience of 33kV & 11kV XLPE Power cable for higher voltage class is acceptable.	As per Tender Document.
147.	Section-2: TDS. Tender Preparation ITT 24.2 (f), (15) Page-43	At least 02 (two) nos. Manufacturer's Satisfactory Performance Certificates from Electricity Utility as End User depicting that each offered type similar or higher capacity rating 33kV & 11kV Gas Insulated Switchgear (GIS), Substation Automation System (SAS), Power Transformer, Station Transformer, Battery & Battery Charger, 33kV & 11kV XLPE Power Cable and Fiber	Please confirm that Manufacturer's Satisfactory Performance Certificate from Electricity Utility of 33 kV & 11 kV XLPE Power cable for higher voltage class is acceptable.	As per Tender Document.

International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
148.	Section-2: TDS, Tender Preparation ITT 24.2 (f), 14 & 15, Page-43	Optic Cable of same voltage class within last 10(ten) years i.e. years counting backward from the date of publication of IFT in the newspaper and has been in satisfactorily service for at least 02(two) years.	Please confirm that cable size of 3Cx300 sqmm or above is similar or higher capacity in reference to the tender requirement of 1x800 sqmm.	As per Tender Document.
149.	Section-2: TDS Tender Preparation ITT 24.2 (f), 27	Type Test Certificates & Reports for XLPE insulated Copper cable of similar or higher size of similar or higher voltage class from any short-circuit testing liaison (STL) Member [http://www.stl-liaison.org/web/03_Members.php] Testing Organization or Laboratory or China National Center for quality Supervision and test of electrical wire and cable as per relevant IEC standard. The type test report along with results shall include at least the following tests: 1. Electrical type test 2. Non Electrical type tests	Type Test Certificates & Reports for XLPE insulated Copper cable of similar or higher size of similar or higher voltage class from any short-circuit testing liaison (STL) Member. Please note that following test are not applicable for EHV cable 1. Electrical type test g. Voltage test for 4 h 2. Non Electrical type tests i. Water absorption test on insulation m. Flame spread test on single cables o. Strip ability test for insulation screen. As per IEC the above test is not applicable on 132 kV or higher voltage class. Please confirm if bidder submit high size of similar or higher voltage class from STL member, the above test will be not applicable.	As per Tender Document.
150.	Section-7: Specification Clause 7.5.1 & Section-8: GTP no. 8.13, SI. No 9, Page- 482 & 669	The minimum number of wires in conductor shall be 61 and the maximum DC resistance of conductor shall be 0.0221 Ohm/KM at 20 deg C. GTP no. 8.13, SI. No 9: No of Wire 53.	Please clarify.	Please consider the minimum number of wires in conductor shall be 91.
151.	Section-7: Technical Specification Clause no. 7.1.3.11 & BPS	33 KV CONTROL, SIGNALING METERING AND RELAY PANEL FOR POWER TRANSFORMER, EACH COMPRISING: The protection, control & metering panels for 33KV system shall be simplex type so as to accommodate all the control equipment, relays and meters etc. as necessary for completeness of the protection/control scheme without	As per technical Specification Simplex panel for control & protection Panel is required, however as per BPS "All 33kV Control, Protection and Metering System shall be housed in the same 33kV GIS panels." We understand that BPS will prevail and the control and protection system will be housed in GIS panel. Please confirm.	All 33kV Control, Protection and Metering System shall be housed in the same 33kV GIS panels.

International Tender Ref. No.: 27.11.0000.101.14.035.22-3234, Dated- 20/07/2022 for "Design, Supply, Erection, Installation, Testing and Commissioning of 05 nos. of New 33/11KV, 2x20/26MVA GIS Substation including Sub-station Automation System (SAS) and 33kV Underground Cable Double Circuit Source Line including Civil works and other related works on Turnkey Basis under Power Distribution System Development, Chattogram Zone (2nd Phase), BPPDB, Chattogram". [GD-1, Lot-2]

Sl. No.	Tender Reference	Existing as in Tender Document	Clarification Asked	Amendment/ Clarification/ Remarks
152.	Section-2: TDS Tender Preparation ITT 24.2 (i), 16	overcrowding and cramping. For 33KV & 11KV Gas Insulated Switchgear (GIS): 16. Manufacturer's authorization in prescribed Form (PG5A-5) for a) Protective Relays from ABB (Switzerland/ Sweden/Finland) or Siemens (Germany) or Schneider Electric (UK/France) or ALSTOM (UK/France) or NR (China), SEL, USA. b) Energy Meters from European Country/ North American Country/Japan/Australia.	As the Control, Protection & Metering system is part of GIS panel, hence we understand that no separate MAF is required for Protection Relays & Energy meters. Please confirm.	Manufacturer's authorization in prescribed Form (PG5A-5) is required as per Tender Document.
153.	Section-2: TDS Tender Preparation ITT 26.7, Page- 47	The prices quoted by the Tenderer shall be fixed for the duration of the Contract.	XLPE cable is having high impact of commodity and commodities are highly volatile hence we request you to allow price adjustment on XLPE cable.	As per Tender Document.
154.	Section-7: Technical Specification Clause no. 9 Page-599	Protective covers shall be made of R.C.C slab each 100 mm thick, 300 mm wide and length as required.	In line with specification and cable trench Section Drawing, we understand that side cover/slab /files are not required for cable trench. Please confirm.	Side cover/slab /files are not required for buried portion of the cable only. Please follow the Sl. No. 84 of this addendum.
155.	Section-6: Scope of Work Page- 304	Note: 3. Road cutting & repairing Compensation will be paid by the Contractor at per rates of the owner of road.		As per Tender Document. Road cutting & repairing Compensation will be paid by the Contractor at per rates of the owner of road. Where cables are laid in surfaced roads the backfill shall be wholly sand upto the RCC slab as per drawing. After the slab backfilling shall be made by picket/brick chips (37mm) with sand and need to be compacted and shall match the level of existing road surface, while permanent reinstatement will be done by city corporation/owner of the road cost of which shall be borne by the contractor at per rates of the owner of road.
156.	Section-7: Technical Specification Clause no. 10.1 (iv) Page-600	Where cables are laid in surfaced roads the backfill shall be wholly sand upto the RCC slab as per drawing. After the slab backfilling shall be made by picket/brick chips (37mm) with sand and need to be compacted and shall match the level of existing road surface, while permanent reinstatement will be done by city corporation/owner of the road cost of which shall be borne by the contractor at per rates of the owner of road.	We understand that road restoration is not in bidder's scope and the same will be done by respective authority/owner of the road.	
157.	Section-6: Scope of Work	Design & Construction of new GIS Substation Building	It is described in the bidding document that the Control Building of each substation needs to adopt a four storied foundation, but the attached drawings of the bidding document show that a two storied or three storied foundation is adopted. Please clarify which one shall prevail.	Please consider four storied foundation for Substation Control Building as mentioned in Section 6. Employer's Requirements