

SL No.	Bidder's Query	PGCB's Reply
375.	Volume 1 of 3 Section 8PC 30.1 (b) Additional Clause There is no cap for per event damage. Contractor's liability for any damages per damage event under this contract shall be limited to 0.1 Million Euros.	The Bidder has to follow the Tender documents
376.	Volume 1 of 3 Section PC 45.2 Appointment (if not agreed) to be made by: Head, Department of Electrical & Electronics Engineering Bangladesh University of Engineering & Technology, Bangladesh. <u>Please modify the clause as below:</u> The number of arbitrators shall be three- One appointed by Employer, second one appointed by Siemens and third shall be neutral as agreed by both the parties. Venue of arbitration shall be Singapore	The Bidder has to follow the Tender documents
377.	Volume 1 of 3 Section 9 Deed of Agreement 3.1 Effective Date (Reference GC Clause 1) The Effective Date from which the Time for Completion of the Facilities shall be counted is the date when all of the following conditions have been fulfilled: (a) This Contract Agreement has been duly executed for and on behalf of the Employer and the Contractor; (b) The Contractor has submitted to the Employer the performance security and the advance payment guarantee; (c) The Employer has paid the Contractor the advance payment (d) The Employer handed over clear	The Bidder has to follow the Tender documents




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	sites including necessary permits. Each party shall use its best efforts to fulfill the above conditions for which it is responsible as soon as practicable. <u>Please modify the clause as below:</u> The Effective Date from which the Time for Completion of the Facilities shall be counted is the date when all of the following conditions have been fulfilled: (a) This Contract Agreement has been duly executed for and on behalf of the Employer and the Contractor; (b) The Contractor has submitted to the Employer the performance security and the advance payment guarantee; (c) The Employer has paid the Contractor the advance payment for onshore and offshore portion . (d) The Employer handed over clear sites including necessary permits. Each party shall use its best efforts to fulfill the above conditions for which it is responsible as soon as practicable (d) The employer has established letter of credit based on commitment letter issued from donor agency for re-imbursement of payment to contractor full value of offshore contract.	
378.	Volume 1 of 3 Section 9 Appendix- 8 1. General This Appendix sets out (a) the functional guarantees referred to in GCC Clause 28 (Functional Guarantees) (b) the preconditions to the validity of the functional guarantees, either in production and/or consumption, set forth below (c) the minimum level of the functional guarantees (d) the formula for calculation of liquidated damages for failure to attain the functional guarantees. 1) We could not find any formula for calculation of liquidated damages	The Bidder has to follow the Tender documents



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	for failure to attain functional guarantees. Please provide the same, 2) Please confirm on which equipments shall this clause be applicable. WE understand that this claim is only applicable for transformers.	
379.	Volume 1 of 3 Section 2 BDS- ITB 19.1 The currency(ies) of the bid shall be as follows: (a) Plant and equipment to be supplied from abroad shall be quoted entirely in foreign currency: EURO. We request for the currency of the bid shall be in three freely convertible currency as per international practice of the foreign portion.	The Bidder has to follow the Tender documents
380.	In the tender documents it is mentioned Join Venture (JV). We would request to allow us to use the word "Consortium" instead of "Joint Venture"	The Bidder has to follow the Tender documents However, the joint venture (JV) mentioned in the bidding document means "joint venture" as well as "consortium". Please note that all the texts of "JV" or "Joint Venture" mentioned in the bidding documents shall mean joint venture or consortium. Accordingly bidder can write Consortium in place of JVA. The Bidder has to follow the Tender documents
381.	Volume 1 of 3 (Section VI) Form of Joint Venture Agreement Clause No. 10 Invoicing and Payment Existing: The Partner in Charge shall invoice for the Joint Venture's scope of supplies and services to PGCB and receive payments directly. We would request to modify the clause as follows:	




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	Each consortium member shall invoice the customer directly according to their portion of scope of works and services as specified in clause 1.4 of this consortium agreement.	
382.	Volume 1 of 3, Section VIII Clause 14, Taxes and Duties Existing: The Employer is responsible for deducting Income tax at source i.e. Tax Deducted at Source (TDS) at the rate applicable in accordance with the government rules of Bangladesh at the time of making any payment to the Contractor. The Contractor shall consider TDS in its unit price and in total price. Pursuant to this provision, the Employer shall deduct Tax at source (TDS) and deposit the same to the government's exchequer and provide the records of such deposit to the Contractor for facilitating its tax assessment or obligations in Bangladesh. Bidders may acquire information regarding taxes and duties from the National Board of Revenue (NBR) of Bangladesh. VAT on EXW amounts is not included in the contract price. VAT on EXW shall be paid by the Contractor and shall be reimbursed by the Employer to the Contractor on actual basis in accordance with the government rules upon submission of relevant documents in original. Our Query as following: - From the clause we understand that PGCB will deduct AIT from all invoices to be submitted by the Contractor for all price schedules. PGCB will deposit the AIT in the name of the Contractor and will provide AIT challan to the Contractor. Please correct our understanding. - Do we need to submit our price with gross up of AIT ?	Yes, your understanding is correct Yes, TDS has to be included in the Contract price Please, follow the applicable Bangladesh law Yes Yes, your understanding is correct



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	- What is the percentage of AIT we have to consider in the price ? - Will PGCB adjust the contract price in case of there is any change in the rate of AIT during execution of the project? - We understand that PGCB will pay VAT on behalf of the Contractor on the price to be quoted in all price schedules (in both Foreign currency and Local currency) without deducting VAT from the Contractor's invoices and will provide the challan to the Contractor. Hence the contractor shall not consider any VAT on the price to be quoted in all price schedules (in both Foreign and local currency). Please correct our understanding.	
383.	Volume 1 of 3, Appendix- 1, B. Payment Procedures, B. Payment Procedures The procedures for applying for certification for and making payments shall be as follows: The payment of the portion of the contract price for goods and services under the contract shall be disbursed directly by KfW according to KfW's Simplified Direct Disbursement Procedure. The payment of the portion of the contract price will be paid as per PGCB's financial and account rules or any other account rules in force and adopted by the Employer. The Employer will pay the Contractor against the Interim Payment Certificate issued by the Engineer / Employer Our Query as following: We understand that payment mechanism for foreign portion (material supplied from abroad) shall be through letter of credit.	No, your understanding is not correct "The payment ... shall be disbursed directly by KfW"
384.	In the tender documents it is mentioned Joint Venture (JV). We would request to allow us to use the word "Consortium" instead of "Joint Venture"	Yes The Bidder has to follow the Tender documents
385.	Volume 1 of 3 (Section VI) Form of Joint Venture Agreement, Clause No. 10, Invoicing and Payment	No



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	Existing: The Partner in Charge shall invoice for the Joint Venture's scope of supplies and services to PGCB and receive payments directly. <u>We would request to modify the clause as follows:</u> Each consortium member shall invoice the customer directly according to their portion of scope of works and services as specified in clause 1.4 of this consortium agreement.	
386.	Volume 3 of 3 (5.2.4.2 D2: 132/33 kV 50/75 MVA Power transformer), 3.1.1, Special technical requirementsAs per technical schedule, short circuit impedance b/w HV- MV, on the basis of rated power 300 MVA with on-load tap changer in middle position as 12+10%, is required.Our query as following:Since the transformer is 75 MVA, we request you to amend the schedule as below:"Impedance of 12+10% tolerance on 75 MVA base b/w HV- LV on principal tap position."Otherwise clarify the requirement.	Yes, your understanding is correct. Typing mistake Short circuit impedance corrected to reference temperature of 75°C at rated frequency and rated power of 75 MVA, between HV - MV, with on-load tap changer in the middle position has to be 12 ±10 %
387.	Volume 3 of 3 (5.2.4.2 D2: 132/33 kV 50/75 MVA Power transformer), 3.6.2, Insulation level As per technical schedule, insulation class of MV and MVN insulation as 270 KVp/ 70 KV rms. Our query as following: IEC specifies insulation requirement of 170 KVp/ 70 KV rms. Please confirm and amend the technical schedule for both MV and Neutral bushing	Yes, your understanding is correct. Typing mistake Lighting impulse voltage shall be 170 kV
388.	Volume 3 of 3 (5.2.4.2 D2: 132/33 kV 50/75 MVA Power transformer), 5.2.2, 5.3.2, Bushing As per technical schedule, MV and MV Neutral bushing class is specified as 145 KV, 1600 A. Our query as following:	Yes, your understanding is correct. Typing mistake Rated voltage for MV Bushings shall be 36 kV

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	Since MV side is 36kV, we request you to amend the technical schedule for MV and MV neutral bushing rating accordingly.	
389.	Volume 3 of 3, Schedule 1 and 2, I D 1, Price schedule specifies hermetically sealed power transformer. Our Query as following: Since, hermetically sealed power transformers are not available for the specified MVA and voltage level, we request to confirm acceptance of "Conventional type, oil immersed, outdoor type power transformer."	No Bidder has to follow Tender requirements Power transformer has to be hermetically sealed. Appropriate membrane has to be provided inside the conservator for "breathing" of the transformer
390.	Volume 3 of 3 (5.2.4.2 D2: 132/33 kV 50/75 MVA Power transformer), 5.1, Bushing, Technical schedule specifies as HV bushing (245 kV) Our Query as following: Please revise the schedule as HV bushing is rated at 145kV	We don't understand your question We can confirm following: Appropriate bushings have to be provided
391.	Volume 3 of 3 (5.2.4.1 D1: 230/132/33 kV 225/300 MVA Autotransformer) 2.3. Rating and properties. Single Line Diagram specifies transformer rating as 230/132/33 kV 225/300 MVA Autotransformer however as per S.No. 2.3 of technical schedule, voltages are: HV winding : 235 kV MV winding : 135 kV LV - stabilizing winding : 34.5 kV. Our Query as following: Please confirm the no load voltage requirement for the auto transformer	Rated voltage: 230 ±10 x 1,25 % / 135 / 34,5 kV/kV / kV
392.	Volume 3 of 3 (5.2.4.1 D1: 230/132/33 kV 225/300 MVA Autotransformer) 6.6.1. Winding conductor. 'As per technical schedule, HV winding is required to be interleaved type for auto transformer. Our Query as following: Please confirm acceptability of inter-shield type winding.	Yes
393.	Volume 3 of 3, Schedule 1 and 2, III D2, V D2, Price schedule specifies	No

 

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	hermetically sealed power transformer. Our Query as following: Since, hermetically sealed power transformers are not available for the specified MVA and voltage level, we request to amend the technical schedule as: "Conventional type, oil immersed, outdoor type power transformer."	Bidder has to follow Tender requirements Power transformer has to be hermetically sealed. Appropriate membrane has to be provided inside the conservator for "breathing" of the transformer
394.	Volume 3 of 3, Schedule 1 and 2, I DS.6, III DS.6, V DS.6, The price schedule specifies 2 set "Transformer ventilator with motor". Our Query as following: We understand the requirement as 2 numbers transformer fan only. Please confirm.	Yes, fan with motor, complete, prepared for assembly
395.	Volume 3 of 3 (5.2.4.1 D1: 230/132/33 kV 225/300 MVA Autotransformer), 14.4.2, Autotransformer tank The technical schedule specifies axial inter space in transversal direction between two pairs of rails as 4520 mm. Our query as following: Please provide relevant drawings for the same	Distance between the two pairs of rails
396.	Volume 3 of 3 (5.2.4.2 D2: 132/33 kV 50/75 MVA Power transformer) 14.4.2, Transformer tank The technical schedule specifies axial inter space in transversal direction between two pairs of rails as 4520 mm. Our Query as following: Please provide relevant drawings for the same	Distance between the two pairs of rails
397.	Volume 3 of 3, Schedule 1 and 2, Spares Our query as following: Please amend complete Price Schedule for each site where "set" is mentioned in Unit column while it should be Number/ Lot. (e.g. in Price Schedule of Mandatory Spare list "Tripping coil", 'Relays' etc. are asked in "SET" while it should be mentioned in "No. / Nos.")	Please, consider "SET" as equipment with all necessary arrangement, if any, prepared for assembly
398.	Volume 3 of 3, Schedule 1 and 2, Spares Our query as following: Wherever the price schedule specifies 'x' set electronic meter. We	Yes

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	understand the requirement as 'x' numbers/unit electronic meter. Please confirm.	
399.	Volume 3 of 3, Schedule 1 and 2, Spares Our query as following: Wherever the price schedule specifies 'x' set 10 Ampere fuse. We understand the requirement as 'x' numbers/unit 10 Ampere fuse. Please confirm.	Yes
400.	Volume 3 of 3, Schedule 1 and 2, Spares Our query as following: Wherever the price schedule specifies the requirement for SF6 gas (40 kg) cylinder as "set", we understand that "set" implies "number/unit". Please confirm the understanding.	Please, consider "SET" as equipment with all necessary arrangement, if any, prepared for assembly
401.	PGCB/KFW/2012.66.436/NZSS "Volume-2/1.2.2 New 132/33 kV Substation Bangura" "132 kV single busbar system, one (1) 132 kV overhead line bays (Baghabari), two (2) 132 kV transformer bays and space for future extension for six (6) 132 kV bays 33 kV single busbars system, two (2) 33 kV transformer bays, two (2) 33 kV auxiliary power transformer bays, one (1) bus coupler bay and space for eight (8) 33 kV bays" Query: The scope of work includes space for future extension for six (6) 132 kV bays and eight (8) 33 kV bays. However, in the diagrams of Bangura, the space is designed only for five (5) extension 132 kV bays and six (6) 33 kV bays.	132 kV Switchgear 1 main single busbar Four bays – one of them is empty (FUTURE), only busbars + 5 future bays, in total 6 future bays, but one of them "equipped" with busbars 33 kV Switchgear 1 main busbars, divided at two sections by disconnecter, 2 transformer bays, 2 auxiliary transformer bays 8 future bays (6 from one side and 2 from other side)
402.	PGCB/KFW/2012.66.436/NZSS "Volume-2/1.2.4 New 132/33 kV Substation Miithapukur" 33 kV single busbars system, two (2) 33 kV transformer bays, two (2) 33 kV auxiliary power transformer bays, one (1) bus coupler bay and space for eight (8) 33 kV bays. Query:	33 kV Switchgear 1 main busbars, divided at two sections by disconnecter, 2 transformer bays, 2 auxiliary transformer bays 8 future bays (6 from one side and 2 from other side)

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	The scope of work includes space for eight (8) 33 kV bays. However, in the diagrams of Mithapukur, the space is designed only for six (6) 33 kV bays.	
403.	PGCB/KFW/2012.66.436/NZSS Volume-2/1.2.1.2 New 132/33 kV Substation Rajbari 33 kV single busbars system, two (2) 33 kV transformer bays, two (2) 33 kV auxiliary power transformer bays, one (1) bus coupler bay and space for eight (8) 33 kV bays. Query: The scope of work includes space for eight (8) 33 kV bays. However, in the diagrams of Rajbari, the space is designed only for six (6) 33 kV bays.	33 kV Switchgear 1 main busbars, divided at two sections by disconnecter, 2 transformer bays, 2 auxiliary transformer bays 8 future bays (6 from one side and 2 from other side)
404.	PGCB/KFW/2012.66.436/NZSS Volume3 /Section H MDF and underground optical fibre (48 cores) cables from terminal box at gantry structure to MDF (Main distribution Frame)" Query: Please confirm the interface point of substation communication is at optical terminal box at gantry structure within substation. External work from optical terminal box to remote is outside of contractor scope."	Yes
405.	PGCB/KFW/2012.66.436/NZSS Volume2/1.2.3 "The existing 132/33 kV Substation has a 132 kV switchyard, with one and half breaker arrangement. One (1) existing, fully equipped 132 kV bay shall be used." Query: We understand that all equipments of this existing 132kV bay have been already completed. We are only responsible for test and commissioning.	Yes Bidders are advised to conduct site visits and inform themselves. The Employer may arrange necessary permissions, if requested by the Bidders.
406.	PGCB/KFW/2012.66.436/NZSS Volume2/4.12.3.3/4.12.4 "The existing 132/33 kV Substation has a 132 kV switchyard, with one and half breaker arrangement."	Information can't be provided in the moment. The Employer will provide information to selected Bidder Bidders are advised to conduct site visits and inform themselves.



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	One (1) existing, fully equipped 132 kV bay shall be used." Query: "Please provide the existing bay protection configuration (protection drawings) and the completion date." "	The Employer may arrange necessary permissions, if requested by the Bidders.
Civil works		
407.	Query: The employer shall provide local once-in-a-century flood level and plant metering map.	This is in the selected Bidder's scope of work
408.	PGCB/KFW/2012.66.436/NZSS "Volume2/12.2 " "The design and construction shall conform to the latest edition of the relevant Codes and Standards. Any proposed substitution for the listed Standards by an equivalent Standard will be subject to approval by the Engineer. Relevant Standards include, but are not limited to, those listed in subsection 2.2 below." Query: Suggestion:the Chinese standard equaling to international standard will be considered also.	No, only international standards
409.	PGCB/KFW/2012.66.436/NZSS "Volume2/12.3.2 " "Fill will be placed by the Contractor. On fill sites where the depth of fill exceeds 3 metres the Contract assumes piled foundations shall be installed below buildings. If piled foundations are found to be unnecessary in the Final Site Investigation Report, a reduction in Contract value shall be agreed on the basis of schedule rates." Query:	The geotechnical studies and soil survey investigations is in the selected Bidder's scope of work Foundations will be defined according to the Soil investigation report, but the Bidder has to assume piled foundations as preferable. Final solution has to be defined during design stage The Selected Bidder has to provide detail design and detail calculation of complete facilities The Selected Bidders has to provide detail drawings as well as all




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	Please provide geological reports or the pile approximate length in order to foundation design.	other documents, which will be subject of Employer's final approval.
410.	SCC-14.1, Volume-1, Page – 5 The Employer is responsible for deducting Income tax at source i.e. Tax Deducted at Source (TDS) at the rate applicable in accordance with the government rules of Bangladesh at the time of making any payment to the Contractor. The Contractor shall consider TDS in its unit price and in total price. Pursuant to this provision, the Employer shall deduct Tax at source (TDS) and deposit the same to the government's exchequer and provide the records of such deposit to the Contractor for facilitating its tax assessment or obligations in Bangladesh.	TDS has to be included in the contract price
411.	Kindly confirm whether Advance Income Tax (AIT) / Tax Deducted at Source (TDS) at applicable rate (7.50%), is included in the Contract Price for Schedule-1,2,3,4. Schedule A, 1H3.X, Volume-3, Page-6 One (1) lot of underground optical fiber (48 cores) cables from terminal box at gantry structure to MDF. According specification (14.1-Scope of specification, Volume-2, Page-278) there is a difference between the number of fiber optic cores of a 132kV and 230kV line. In our understanding there are copy and paste errors in the priceschedule. It should be: - 48cores for a 230kV lines - 24 cores for a 132kV line. Please confirm.	Yes, your understanding is correct

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412.	Schedule-B, Volume-3, Page-B-16 Item 1H (FOMUX) is missing in Schedule B-16, but listed in the description of the package for Baghabari 1.2.3 (page 13, Volume-3) Please confirm and update page B-16 with missing item 1H.	No, item exist in Schedule-4, page B-60
413.	Schedule-B, Volume-3, Page-B-1 Schedule 1 for new 230/132kV Rajshahi In our understanding, this is an important station and there is no Item H2.X - Telephone system specified/included. At least we recommend to include 10x remote telephone subscriber lines. Please confirm or clarify	No. Telephone system will be provided by another project
414.	General We understand that an agreement have been signed between PGCB and Alstom regarding NLDC integration fixed price rate. Please provide the rate and kindly confirm the same rate will be applicable for this tender.	Yes, there is an agreement signed between PGCB and Alstom(at present GE) regarding NLDC integration fixed price rate which is enclosed as Annexure-11.
415.	Evaluation and Qualification Criteria, Volume-1, Page-13 At least last fifteen (15) years of experience in manufacturing minimum 220 kV or higher rating circuit breakers, with the equipment in satisfactory service for a minimum of three (3) years as on the date of bid opening. We understand that Circuit Breaker of different voltage ratings (230KV, 132KV & 33KV) have to be sourced from same manufacturer and can be from same manufacturer's different manufacturing facilities. Please	Yes, your understanding is correct



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416.	confirm whether our understanding is correct. Price schedule-Schedule-4, Volume-3, Page-B-55, B-59 Environmental and Social Services - PROVISIONAL SUM (for potential physical measures and the unforeseen which may not be covered by the current description of the scope of supply – however strictly related to environmental and social services only). It is not fixed sum and it may be implemented fully, partly or even not implemented in the end.	Yes, your understanding is correct
417.	We understand that the bidders need not to consider any other cost apart from the lump sum price given in the price schedule. Please confirm. Employer's Requirement-1.2.5, Volume-1, Page-vi-4 The following type test certificates of the equipment of similar or higher specifications (voltage & capacity) required by the bid shall be submitted as per relevant IEC and shall be from an independent testing laboratory, except the power transformer. Type test certificates for the power transformer and the surge arresters shall be issued by a STL11 member testing organisation/laboratory in the manner as mentioned in the STL Guides or from the manufacturer's own testing laboratory. Tests carried out at the manufacturer's own testing laboratory must have been witnessed and certified by a transformer testing expert from an STL Member testing organisation. We understand that STL type test requirement is applicable for power T transformer and surge arrester only. Please confirm.	Yes, your understanding is correct
418.	Drg No. - PGCB/KW/2012.66.436/SSNZ/9.2, Volume-2	Yes, your understanding is correct



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	We understand that all the control and protection panel shall be mounted on the main control room and no separate switchyard panel room is required. Please confirm.	
419.	GTP-Battery Charger, Volume-3, Page-198 We understand that the battery charger rating to be considering (Load Current + Boost Current) and shall be designed with DVR (Diode Voltage Regulator). Please confirm the load current, boost current and DVR requirement.	The Bidder has to follow the Tender documents, the most important items in DC power supply set are: 2 main DC sets consisting of: • 2 Ni-cadmium batteries, each capacity not less than 400 Ah at the 10 hours rate of discharge. • 2 sets of battery chargers, complete, each float charge not less than 100 A rating 2 Telecom DC sets consisting of: • 2 Ni-cadmium batteries, each capacity not less than 250 Ah at the 5-hour rate of discharge. • 2 sets of battery chargers, complete, each float charge not less than 50 A rating.
420.	Mesh System-7.7.3, Volume-2, Page-184 The rating of the mesh conductors shall be compatible with the fault currents after allowing for parallel paths of hard drawn high conductivity copper strip with a minimum conductor size of 150 mm ² . As the system fault current mentioned for 230kV as 50kA/1sec, 150sqmm copper earth conductor shall not be sufficient. Please confirm the exact requirement of earth mat conductor to be followed.	The Bidder has to follow the Tender documents Tender documents defines only the basic requirements Final solution has to be defined during design stage The Selected Bidder has to provide detail design and detail calculation of complete facilities The Selected Bidders has to provide detail drawings as well as all other documents, which will be subject of Employer's final approval.
421.	Drq No. - PGCB/KfW/2012.66.436/SSWZ/7.2, Volume-2 Can we use the 110V DC to 415V AC inverter instead of UPS arrangement shown in the drg. This inverter will get the DC supply from main DC source instead of separate battery and charger requirement (and its maintenance point of view) for UPS. Please confirm the	As per tender requirement.




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	acceptance of the same.	
422.	Drig No. - PGCB/KfW/2012.66.436/SSNZ/7.1, Volume-2 As per price schedule separate 48V Battery, Battery Charger and Distribution Board is required whereas in the drig it is shown as 110V/48V DC - DC Converter. Please confirm the actual requirement.	One (1) lot consists of two (2) sets of 48V DC system complete with chargers and distribution switchboard shall be designed, supplied, delivered, installed, tested and commissioned in the control building to provide all DC supplies for fibre optic multiplexer equipment for communication and protection, for all new substations respectively. Please, refer to Addendum-1
423.	Drig No. - PGCB/KfW/2012.66.436/SSNZ/3.2, Volume-2 Baghabari SLD: Please inform the the existing SAS panel make and model and scope of work. Is the 132kV Busbar protection also to be considered ? If yes then what is the make and model of existing bus bar protection ?	Information can't be provided in the moment. The Employer will provide information to selected Bidder Bidders are advised to conduct site visits and inform themselves. The Employer may arrange necessary permissions, if requested by the Bidders.
424.	Drig No. - PGCB/KfW/2012.66.436/SSNZ/3.1, Volume-2 Baghabari SLD: Please provide the existing layout, plan & section drig, cable trench, earthenmat layout, control room building GA drig of Baghabari S/s with scope identification.	Information can't be provided in the moment. The Employer will provide information to selected Bidder Bidders are advised to conduct site visits and inform themselves. The Employer may arrange necessary permissions, if requested by the Bidders.
425.	Drig No. - PGCB/KfW/2012.66.436/SSNZ/1.5, Volume-2 Rajshahi - Trafo Protection SLD: Please clearly identify the scope of supply as the 132kV System protection and metering unit also shown in this drig.	Control & Protection of 132 kV side including secondary cables etc are in the scope of works Main equipment, like CTs etc are not.
426.	Drig No. - PGCB/KfW/2012.66.436/SSNZ/1.2, Volume-2 Rajshahi Layout Plan: Please provide the existing cable trench, earth mat layout, control room building GA drig of Rajshahi S/s.	132kV part of Rajshahi Substation is under construction by separate contract. Information can't be provided in the moment. The Employer will provide information to selected Bidder

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427.	Drg No. - PGCB/KfW/2012.66.436/SSNZ/1.3, Volume-2 Rajshahi Layout Plan: We understand that boundary wall for only 230KV is under this tender scope. Please confirm.	Your understanding is correct. 132kV part of Rajshahi Substation is under construction by separate contract. Prospective bidders are advised to consider part of the security boundary wall around the periphery of 10 acre land under this contract and internal fence around the 230 kV switchyard.
428.	Drg No. - PGCB/KfW/2012.66.436/SSNZ/1.2, Volume-2 Rajshahi Layout Plan: Please show the existing control room building location and provide the overall layout of the Substation.	Substation Rajshahi is under construction. Information can't be provided in the moment. The Employer will provide information to selected Bidder The Bidder can find at the provided Layout, in the right-up corner, the approximate position of the control building.
429.	Drg No. - PGCB/KfW/2012.66.436/SSNZ/1.1, Volume-2 Rajshahi SLD - 33kV Station Transformer Connection: As per the scope we need to supply 33kV Switchgears and station transformer but its connection is not shown in the SLD. Please clarify where it will be connected and provide the detail SLD.	For tertiary purpose SLD is already provided The Bidder has to consider all Tender drawings as preliminary and for Tender purpose only. All dimensions are preliminary and general. Not all equipment is shown. Details are not shown at all. The Selected Bidder has to provide detail design and detail calculation of complete facilities The Selected Bidders has to provide detail drawings as well as all other documents, which will be subject of Employer's final approval
430.	Drg No. - PGCB/KfW/2012.66.436/SSNZ/9.8, Volume-2 GS Ladder Type Cable tray shall be used inside the cable cellar room and Cable Rack made of 50x50x6mm MS Angle @ 750mm interval shall be used in Outdoor Switchyard Trench for cable laying. Please accept.	The Bidder has to follow the Tender documents Tender documents defines only the basic requirements Final solution has to be defined during design stage The Selected Bidder has to provide detail design and detail calculation of complete facilities The Selected Bidders has to provide detail drawings as well as all other documents, which will be subject of Employer's final approval.
431.	Drg No. - PGCB/KfW/2012.66.436/SSNZ/9.8, Volume-2	Yes, your understanding is correct.

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SL No.	Bidder's Query	PGCB's Reply
	We assume that the cable trench section shown in this drg is indicative only, actual no. of cable tray tier shall be decided as per actual requirement. Please confirm.	The Bidder has to consider all Tender drawings as preliminary and for Tender purpose only. All dimensions are preliminary and general. Not all equipment is shown. Details are not shown at all. The Selected Bidder has to provide detail design and detail calculation of complete facilities The Selected Bidders has to provide detail drawings as well as all other documents, which will be subject of Employer's final approval
432.	Drg No. - PGCB/KMW/2012.66.436/SSNZ/9.8, Volume-2 There is discrepancy observed in the Tower height mentioned in this drg and other S/s section drgs. We assume that the tower/beam dimension mentioned in this drg shall prevail. Also there are tower without peak as per section shall remain valid. Please confirm and provide the corrected tender drg.	The Bidder has to consider all Tender drawings as preliminary and for Tender purpose only. All dimensions are preliminary and general. Not all equipment is shown. Details are not shown at all. The Selected Bidder has to provide detail design and detail calculation of complete facilities The Selected Bidders has to provide detail drawings as well as all other documents, which will be subject of Employer's final approval
433.	Price Schedule, Schedule-4, Volume-3, Page-B-53,B-57 Land development of complete switchyard area by cutting, land filling, compacting up to a suitable level including slope protection. Qty--LOT We request you to mention the quantity of land development for fair and at par competition among bidders as this items has significant effect on bidding price.	The Bidder has to follow the Tender's requirement. The Civil design and backfilling has to consider and has to incorporate countermeasures against flooding. The sufficient ground level height for land formation is required at the Contractor's responsibility and will be subject of Employer's approval. Bidders are advised to conduct site visits and inform themselves. The Employer may arrange necessary permissions, if requested by the Bidders.
434.	GTP-Power Transformer, Volume-3, Page-109, 119 Auto Transformer Rating - 235/132/33 kV; Power Transformer Rating - 132 /33 kV. Both the transformer's voltage rating is different in corresponding GTP. As per GTP, Auto Transformer - 235/135/34.5 kV	Rated voltages are: 230 ±10 x 1,25 % / 135 / 34,5 kV/kV / kV



OK

SL No.	Bidder's Query	PGCB's Reply
	& Power Transformer - 135/34.5 kV . Please clarify.	132 ±10 x 1,25 % / 34,5 kV/kV
435.	Power Transformer, 4.2.1: IEC standards, Volume-2, Page-88 Measurement of mutual Inductance of the winding: Please clarify the clause no in IEC 60076.	Typing mistake The Bidder has to provide as special test: Measurement of DC insulation resistance of each winding to earth and between windings, as per IEC 60076
436.	Power Transformer, 4.3.6 Volume-2, Page-91 Losses and Evaluation of Losses: The design will be based on the given capitalization factors. Please confirm.	Evaluation will be performed according to the confirmed losses. Design has to be prepared accordingly
437.	5.2.4 D: Power Transformer, Volume-3, Page:109 Tap Changer for 300 MVA Auto transformers,GTP 225_300 MVA Transformer & Power Transformer Type of Voltage regulation -VFVV & Tap-Changers are required between 235kV and 132 kV transformer winding. For VFVV, tap changer will be at neutral end of 132 kV winding. Please clarify.	Tap-Changers winding will have to be placed between 230 kV and 132 kV transformer winding, and the type of voltage regulation shall be C.F.V.V.
438.	5.2.4 D: Power Transformer, Volume-3, Page:109, 119 As per GTP insulation level of Neutral is 145 kV & as per Power Transformer, neutral terminal will be solidly earthed. As the neutral terminal will be solidly earthed, so as per IEC 60076 the insulation level is 17.5 kV (95kVpLI / 38 kVrms) . Please clarify.	Neutral has to be 145 kV
439.	5.2.4 D: Power Transformer, Volume-3, Page:119 MV winding Terminal - LI 270 / AC 70. Neutral terminal - LI 270 / AC 70. For 33 kV class , LI & AC level is 170 kVp& 70 kVrms both for MV &Neutral terminal. Same level should be applicable for bushing. Please	Yes, your understanding is correct. Typing mistake Lighting impulse voltage shall be 170 kV



SL No.	Bidder's Query	PGCB's Reply																		
	clarify																			
440.	General Permanent deflection during Pressure Test & Vacuum test The value of permanent deflection will be as per below list, please confirm. <table><thead><tr><th>Horizontal length of flat plate (total length of tank wall) in mm</th><th>Permanent deflection (in mm)</th></tr></thead><tbody><tr><td>Up to and including 750</td><td>5</td></tr><tr><td>751 to 1250</td><td>6.5</td></tr><tr><td>1251 to 1750</td><td>8</td></tr><tr><td>1751 to 2000</td><td>9</td></tr><tr><td>2001 to 2250</td><td>11</td></tr><tr><td>2251 to 2500</td><td>12.5</td></tr><tr><td>2501 to 3000</td><td>16</td></tr><tr><td>Above 3000</td><td>19</td></tr></tbody></table>	Horizontal length of flat plate (total length of tank wall) in mm	Permanent deflection (in mm)	Up to and including 750	5	751 to 1250	6.5	1251 to 1750	8	1751 to 2000	9	2001 to 2250	11	2251 to 2500	12.5	2501 to 3000	16	Above 3000	19	All tests have to be according to IEC 60076 Standard or other applicable standards
Horizontal length of flat plate (total length of tank wall) in mm	Permanent deflection (in mm)																			
Up to and including 750	5																			
751 to 1250	6.5																			
1251 to 1750	8																			
1751 to 2000	9																			
2001 to 2250	11																			
2251 to 2500	12.5																			
2501 to 3000	16																			
Above 3000	19																			
441.	SCC 27.2 - Defect Liability Period, Volume-1, Page VIII-13 The Defect Liability Period shall be twelve (12) months from the date of Operational Acceptance of facilities for all equipment/materials. We request you accept our proposal for modification of DLP as follows: The Defect Liability Period for all equipment/materials shall be twelve (12) months from the date of Operational Acceptance of facilities or eighteen months from the date of Completion of Facilities whichever occurs first.	No																		
442.	GCC Clause 25.5.3, Volume-1, Page-VII-29 In the event that the period of suspension under above Sub-Clause 25.5.1 actually exceeds 180 days, the Employer and Contractor shall mutually agree to any additional compensation payable to the Contractor.	Yes																		

MA

AC

SL No.	Bidder's Query	PGCB's Reply
	Does the additional compensation to be mutually agreed will be calculated from the date of commencement of suspension or for the period after 180 days. Please clarify?	
443.	GCC Clause 25.4, Volume-1, Page-VII-28 25.4 Partial Acceptance 25.4.1 If the Contract specifies that Completion and Commissioning shall be carried out in respect of parts of the Facilities, the provisions relating to Completion and Commissioning including the Guarantee Test shall apply to each such part of the Facilities individually, and the Operational Acceptance Certificate shall be issued accordingly for each such part of the Facilities. 25.4.2 If a part of the Facilities comprises facilities such as buildings, for which no Commissioning or Guarantee Test is required, then the Project Manager shall issue the Operational Acceptance Certificate for such facility when it attains Completion, provided that the Contractor shall thereafter complete any outstanding minor items that are listed in the Operational Acceptance Certificate. Is Partial Acceptance applicable in this contract?	Yes
444.	GCC 44 - Contractor's Claims, Volume-1, Page-VII-52 Within 42 days after receiving a claim or any further particulars supporting a previous claim, or within such other period as may be proposed by the Project Manager and approved by the Contractor, the Project Manager shall respond with approval, or with disapproval and detailed comments. He may also request any necessary further particulars, but shall nevertheless give his response on the principles of the claim within such time.	Yes



2

SL No.	Bidder's Query	PGCB's Reply
	Each Payment Certificate shall include such amounts for any claim as have been reasonably substantiated as due under the relevant provision of the Contract. Unless and until the particulars supplied are sufficient to substantiate the whole of the claim, the Contractor shall only be entitled to payment for such part of the claim as he has been able to substantiate. The Project Manager shall agree with the Contractor or estimate: (i) the extension (if any) of the Time for Completion (before or after its expiry) in accordance with GCC Clause 40, and/or (ii) the additional payment (if any) to which the Contractor is entitled under the Contract. After approval of the any claim after 42 days(as per para 6 of GCC 44), please clarify the procedure and timeline that will be considered by Employer for the release of cost compensation in the event of EOT and/or additional costs incurred by the Contractor under the Contract. Can we consider that the substantiated/approved claim will be released along with the progress payments of the succeeding month?	
445.	General Does the Project require any environmental permits to be obtained? Are there any requirements(such as readiness of energized Transmission lines, any approval from statutory body etc.) to be fulfilled by Employer to enable Contractor to proceed with Commissioning activities after the physical completion and pre-commissioning activities.	All laws of Bangladesh are applicable and has to be followed.
446.	General Have the permits, approvals and/or licenses, if any, been obtained by the Employer from the local, state or national government authorities or public service undertakings in the country where the site is located which requires the Employer to obtain them for carrying-out their respective obligations, performance and execution of the	We don't understand your question.

MP

42

SL No.	Bidder's Query Project/Contract ?	PGCB's Reply
447.	ITB-4.3, Volume-1, Page-2 However, subject to any finding of a conflict of interest in terms of ITB 4.3 (a) - (d) above, this does not limit the participation of a Bidder as a subcontractor in another bid or of a firm as a subcontractor in more than one bid. We understand that a bidder can also offer its products to other bidders, there will be no conflict of interest applicable for this tender. Please confirm whether our understanding is correct.	We don't understand your question. We can confirm following: 6. One Bidder can participate in only one Bid as single entity or member of JV 7. Manufacturer can participate on more than one Bid. If "Mother company" is also manufacturer of some equipment, "Mother company" itself or subsidy can participate as a Bidder in only one Bid, but as Manufacturer can participate in other(s) Bid(s)
448.	General Please confirm the land intend to use for New S/s as well as for extension s/s are in possession of PGCB.	Land is available
449.	Cl. 2.33: Panels, Desks and Cubicles, Volume-2, Page-42 All cubicles, desks and panels shall be painted externally with a high gloss paint of Munsell 5Y7/1 colour. The interiors of all cubicles, desks and panels shall be painted matt white. We proposed to use Exterior colour shade RAL-1013 for all indoor & outdoor cubical, panels etc. Instead of Munsell 5Y 7/1. RAL-1013 is common available shade in the market and out look is similar to Munsell 5Y 7/1.	Agree
450.	General We propose to extend approval of the drawings and design which are already approved by PGCB for previous executed projects and found suitable for this project. This philosophy is being followed by various utilities to avoid rework as well as reduction of design and drg schedule. Please accept.	No. The Selected Bidder has to provide detail design and detail calculation of complete facilities The Selected Bidders has to provide detail drawings as well as all other documents, which will be subject of Employer's final approval



SL No.	Bidder's Query	PGCB's Reply
451.	Cl. 3.4.9: Post Insulator, Volume-2, Page-84 Cantilever strength (Upright) of 230kV, 132kV & 33kV Support Insulators proposed to use as 6kN, 6kN and 4kN respectively. Please confirm the acceptance.	No
452.	5.26: Energy Meter, Volume-2, page-162 Do we need to consider tariff meters both side of transformer (i.e. HV and LV) or only one side will serve the purpose?	Both side The Selected Bidder has to provide detail design and detail calculation of complete facilities The Selected Bidders has to provide detail drawings as well as all other documents, which will be subject of Employer's final approval
453.	General Please provide the technical specification of disc insulator to be used for insulator string, flexible conductor, clamps & connectors, string hardware. Also please let us know 230kV, 132kV Transmission Line conductor details.	Information can't be provided in the moment. The Employer will provide information to selected Bidder
454.	General We understand the flexible conductors are applicable for equipment interconnection also. Please confirm.	The Bidder has to follow Tender requirement. Conductors have to be standard conductors in Employer's network, preferably ACSR or AL tube
455.	General We propose to use bolted type clamp & connector and String hardware. Please confirm our proposal.	Yes
456.	For all CTs, the load of the first core is 5VA in the price schedule, but 10VA in the technical data schedule. Please clarify which document will prevail.	It should be 10VA. However, as per Vol 2, Technical specification, point. 5.25 Current Transformer Calculations, the Contractor shall submit to the Engineer detailed calculations substantiating the parameters of the current transformers he proposes to provide. Please also refer revised Price Schedule.

SL No.	Bidder's Query	PGCB's Reply
457.	For 33kV CTs, comparing the price schedule and the technical data schedule, except ratio 10/1A, all the other parameters are different. Please clarify which document will prevail.	Technical data schedule will prevail. Please also refer revised Price Schedule.
458.	For 230kV transformer, the voltage regulation is located at neutral point as variable magnetic flux (VFVV) voltage regulation in the technical data schedule. However, in the technical specification, it is located between HV and LV windings as constant magnetic flux (CFVV) voltage regulation. Please clarify which document will prevail.	Tap-Changers winding will have to be placed between 230 kV and 132 kV transformer winding, and the type of voltage regulation shall be C.F.V.V.
459.	Please kindly provide the description of the Conductor, as well as the information for Conductor selection.	The Bidder has to follow Tender requirement. Conductors have to be standard conductors in Employer's network, preferably ACSR or AL tube Rated voltage, rated insulation level, rated short circuit current, rated current etc. can be found in the Tender documents
460.	Please kindly provide as-built drawing of the original building, structure, heating and ventilation, water supply and drainage, fire fighting, etc of the existing substations.	The Bidder is be deemed to have visited site, inspected, gathered data and verified details of the as built system in order to design, supply and interface their new equipment.
461.	Regarding to the extension civil work for existing control room, do we need to extend the Roofing waterproof layer, doors and Windows, air conditioning system? Do we need to refurbish the fence, the firewalls? Do we need to transform fluctuation water system? If yes, please provide the Water supply and drainage connecting information.	All necessary materials, adjustments, dismantling, remedial and tidying-up work in order to complete the work specified shall be included in the contract price. The Contractor is responsible for ensuring that all and/or any item(s) of work required for the safe, efficient and satisfactory completion and functioning of the works, are included in the bid price whether they be described in the specification or not.
462.	Is there drinkable municipal pipe network, rain sewage interface near the site? Besides please provide the depth of deep well, etc	Bidders are advised to conduct site visits and inform themselves.
463.	Please provide the information of Physical and mechanical properties of soil, flood level height, the water quality etc	The Bidder has to inform itself
464.	We want to confirm the following 5 questions : a) Whether the access road is included in the scope of this bid or	Please refer to tender document, Vol. 2, point 12. Buildings and Civil Engineering Works. For new substation those works have to be provided and included

 

SL No.	Bidder's Query	PGCB's Reply
	notHow long is the access road; b) Backfill height of the site; c) Whether the scope of field levelling area is within the land line or not ; d) There is no distance from abandoned soil to the substation. In addition to the control room, main transformer and frame work, internal road, do we need to do greening measures for the rest area of the site?	in the contract price. Bidders are advised to conduct site visits and inform themselves. The Employer may arrange necessary permissions, if requested by the Bidders.
465.	PGCB/K/M/2012.66.436/NZSS Volume 1, Section I Applicable for all locations I-10 Point 18.4.ii In the Schedules, bidders shall give the required details and a breakdown of their prices as follows: "all custom duties and other taxes paid or payable in the Employer's country on the plant if the contract is awarded to the Bidder" We understand that Bidder need not to mention the custom duty and other tax liability of the employer. Please clarify.	Bidder's quoted rates shall include all custom duties and other taxes paid or payable in the Employer's country on the plant if the contract is awarded to the Bidder. Separate breakdown on taxes and duties are not required.
466.	PGCB/K/M/2012.66.436/NZSS Volume 1, Section III, Applicable for all locations III-1, Point 1.1 In addition to the criteria listed in ITB 34.1 (a) - (c), the following factors shall apply: a. If guaranteed values are lower than required, the bid will be rejected. In reference to the ITB 34.1 and the Section III Point 1.1 "Guaranteed value" is not clear. Since it is a rejection clause of the bid, we would request you to clearly specify	For Guaranteed values please refer Volume 3, Schedule E: Technical Particulars and Guarantees
467.	PGCB/K/M/2012.66.436/NZSS Volume 1, Section VII, Applicable for all locations VII-8, Point 9.6	Not acceptable. Compliance with Tender requirements is mandatory.



OK

SL No.	Bidder's Query	PGCB's Reply
	The Contractor shall permit the Bank to inspect the Contractor's accounts and records relating to the performance of the Contractor and to have them audited by auditors appointed by the Bank, if so required by the Bank Contractor's account is audited as per the prevalent regulation of the country and as per internationally accepted financial practice and audited annual report is published publicly. Contractor may submit the same as required. However, contractor may not permit any special permit to access the account and any special audit.	
468.	PGCB/KfW/2012.66.436/NZSS Volume 1, Section VII, Applicable for all locations VII – 11, Taxes & Duties We understand that, All tax & duties as applicable for import of material like custom duty, VAT (if applicable) will be directly paid by PGCB. There will be no deduction from the payment of contractor on account of VAT or AIT for foreign currency payment. Please confirm. In case AIT will be deducted, Please confirm the rate of AIT deduction. Also, Please confirm if the necessary certificate will be issued to the contractor in this regard. Similarly, all tax liability for local currency payment like VAT etc will be paid by DPDC directly and no deduction will be made from contractor's payment on account of VAT, AIT etc. Please confirm. In case AIT will be deducted, Please confirm the rate of AIT deduction. Also, Please confirm if the necessary certificate will be issued to the contractor in this regard.	Please refer Volume 1, Section 8, Point 14
469.	PGCB/KfW/2012.66.436/NZSS Volume 1, Section VIII, Applicable for all locations VIII – 10, The Contractor shall: comply with the measures and requirements relevant to the Contractor set forth in the IEE, the EMP, the present national resettlement policy	This is already covered in Price Schedule no. 4, item 43.X




SL No.	Bidder's Query	PGCB's Reply
	and any small ethnic community peoples plan (to the extent they concern impacts on affected people during construction), and any corrective or preventative actions set out in a safeguards monitoring report; make available a budget for all such environmental and social measures; Please let us know the specific scope for such environmental and social measure envisaged. It will be difficult to take budget for such scope for the contractor. Any liability arising for any such environmental and social measure shall be on employer's account! Please clarify !	
470.	PGCB/KfW/2012.66.436/NZSS Volume 1, Section IX, Applicable for all locations IX -9 B. Payment Procedure The procedures for applying for certification for and making payments shall be as follows: The payment of the portion of the contract price for goods and services under the contract shall be disbursed directly by KfW according to KfW's Simplified Direct Disbursement Procedure. The payment of the portion of the contract price will be paid as per PGCB's financial and account rules or any other account rules in force and adopted by the Employer. The Employer will pay the Contractor against the Interim Payment Certificate issued by the Engineer / Employer. We understand "The payment for foreign portion " is missing. Please confirm. Please let us know "KfW Simplified Direct Disbursement Procedure" We understand "The payment for local portion" is missing. Please confirm. Please let us know the "Account rule in force"	Please note that for foreign portion KfW shall disburse payments as per their Disbursement Procedure. For details please refer https://www.kfw-entwicklungsbank.de/PDF/Download-Center/PDF-Dokumente-Richtlinien/Mittelauszahlungen_EN.pdf For local portion rules and regulations of Bangladesh and PGCB shall apply.
471.	PGCB/KfW/2012.66.436/NZSS Volume-1, Section VI: Employer's Requirements	The Bidders are deemed to have visited site, inspected, gathered data and verified all relevant details themselves.

SL No.	Bidder's Query	PGCB's Reply
	Rajshahi, Page VI-2, 225/300 MVA autotransformers Please confirm that rajshahi site location is accessible from the main road for transportation of heavy equipments and bidder is not required to undertake any approach road widening work outside the proposed switchyard premises.	
472.	PGCB/KfW/2012.66.436/NZSS Volume-1, Section VI: Employer's Requirements Rajshahi, Page VI-2 space for future extension for four (4) 230 kV bays We understand that for the future bay space , underground earth mats & gravel spreading are not included in the scope of this tender Please confirm	Yes
473.	PGCB/KfW/2012.66.436/NZSS Volume-1 Section VI: Employer's Requirements Rajshahi, Page VI-2 design, supply, delivery, installation, connection with existing equipment, testing & commissioning of associated substation control and monitoring system, relay protection, metering, telecommunication, AC & DC auxiliary power supply, cables, metal structure, earthing and lightning protection There are no existing equipments at present , Does this clause mean that integration of 132 kV Equipments (Part of another project) with SAS & Telecommunication system is in the scope of this tender? Also please confirm if AC Distribution boards and 48 & 110 VDC system are supplied by 132 kV contractor and only extension of the same is part of this tender	Please follow Tender requirements. New systems: design, supply, delivery, installation, connection with existing equipment, testing & commissioning of associated new substation control and monitoring system, relay protection, metering, telecommunication, AC & DC auxiliary power supply, cables, metal structure, earthing and lightning protection Extension of existing systems: substation automation/control & monitoring system
474.	PGCB/KfW/2012.66.436/NZSS Volume-1, Section VI: Employer's Requirements Rajshahi, Page VI-2 land development of the required 230 kV switchyard area	The Bidder has to consider all Tender drawings as preliminary and for Tender purpose only. All dimensions are preliminary and general. Not all equipment is shown. Details are not shown at all. Final solution has to be defined during design stage



SL No.	Bidder's Query	PGCB's Reply
	Please provide the contour maps of the site	The Selected Bidder has to provide detail design and detail calculation of complete facilities The Selected Bidders has to provide detail drawings as well as all other documents, which will be subject of Employer's final approval.
475.	PGCB/KfW/2012.66.436/NZSS Volume-1, Section VI: Employer's Requirements Rajshahi, Page VI-2 complete civil works and facilities for extension of existing control building, including finishing works like rendering, colour, floor finishing, etc. As there is no existing control room at present, please confirm that the main control room will be built by the 132 kV Package contractor and only the extension of the same, if required will form part of this contract.	Extension of existing control building is part of the Scope of this Project.
476.	PGCB/KfW/2012.66.436/NZSS Volume-1, Section VI: Employer's Requirements Rajshahi, Page VI-2 "part of the security boundary wall, around the required 230 kV switchyard" Please note that as per notes mentioned on Layout Drawing No. PGCB/KfW/2012.66.436/SSNZ/1.2, boundary wall is not in the scope of work. If the same is in scope ,please mark the portion is the layout drawing for the bidders clarity	132kV part of Rajshahi Substation is under construction by separate contract. The Prospective bidders are advised to consider part of the security boundary wall around the periphery of 10 acre land under this contract and internal fence around the 230 kV switchyard.
477.	PGCB/KfW/2012.66.436/NZSS Volume-3, Schedule 1: Rajshahi Page B-2, "33 kV Switchgear" Please clarify this scope pertaining to Sl. Nos C7.X, C8.X, C9.X, C10.X as the same is not indicated in the relevant SLD & Layout drawings	This scope is related to equipment required for earthingtransformer connected with the tertiary of the 230/132/33kV autotransformer.
478.	PGCB/KfW/2012.66.436/NZSS Volume-3, Schedule 1:	Please refer to amended Price Schedules.

SL No.	Bidder's Query	PGCB's Reply
	Rajshahi, Page B-7 Line differential protection relay 230 kV As per "BLOCK DIAGRAM - LINE BAY 230kV" Drawing No. PGCB/KfW/2012.66.436/SSNZ/1.4, there is no line differential protection. Please clarify the requirement of a Line differential protection relay as mandatory spare	
479.	PGCB/KfW/2012.66.436/NZSS Volume-1, Section VI: Employer's Requirements Bangura, Page VI-2 space for eight (8) 33 kV bays We understand that for the future bay space, underground earth mats & gravel spreading are not included in the scope of this tender. Please confirm	Yes
480.	PGCB/KfW/2012.66.436/NZSS Volume-1, Section VI: Employer's Requirements Bangura, Page VI-2 land development of complete switchyard area As the proposed location is few meters away from main road, approach road will have to be built, please clarify if the land for constructing the approach road is in the possession of PGCB.	The selected bidder has to construct approach road including earth filling if required. PGCB will take care about the possession.
481.	PGCB/KfW/2012.66.436/NZSS Volume-1, Section VI: Employer's Requirements Bangura, Page VI-2 land development of complete switchyard area Please provide the contour maps of the site	The Bidder has to consider all Tender drawings as preliminary and for Tender purpose only. All dimensions are preliminary and general. Not all equipment is shown. Details are not shown at all. Final solution has to be defined during design stage. The Selected Bidder has to provide detail design and detail calculation of complete facilities. The Selected Bidders has to provide detail drawings as well as all other documents, which will be subject of Employer's final approval.

SL No.	Bidder's Query	PGCB's Reply
482.	PGCB/KM/2012.66.436/NZSS Volume-3, Schedule 1: Bangura, Page B-9 33 kV System is a double busbar system as per Sl. No. C7.X & C8.X Please note that as per SLD, Layout drawings & Clause 1.2.2 of Section VI: Employer's Requirements, (Page VI-2) 33 kV is a single bus system Please clarify	PGCB's Reply 33 kV is with single bus system. Please refer to amended Price Schedules.
483.	PGCB/KM/2012.66.436/NZSS Volume-3, Schedule 1: Bangura, Page B-10 Water Spray Fire Protection System, for new 132/33 kV, three phase, 50/75 MVA, Dyn1, ONAN/ONAF Power transformer unit. Can we offer Nitrogen Injection Fire Protection System (NIFPS) as an alternative to Water Spray Fire Protection System.	Yes, Please refer to Addendum-1
484.	PGCB/KM/2012.66.436/NZSS Volume-3, Schedule 1: Bangura, Page B-15 Line differential protection relay 132 kV As per "BLOCK DIAGRAM - LINE BAY 132kV" Drawing No. PGCB/KM/2012.66.436/SSNZ/2.4, there is no line differential protection. Please clarify the requirement of a Line differential protection relay as mandatory spare	Noted – differential relays as spares are not required. Please refer to amended Price Schedules.
485.	PGCB/KM/2012.66.436/NZSS Volume-1, Section VI: Employer's Requirements Baghabari, Page VI-3 supply, delivery, installation, connection with existing equipment, if any, testing & commissioning of associated control and relay protection, metering, telecommunication, AC & DC auxiliary power supply, cables,	Confirmed, no dedicated spare parts are envisaged for Baghabari substation.

SL No.	Bidder's Query	PGCB's Reply
	metal structure, earthing and lightning protection and associated civil works. In case, any equipment is found non-functional/ faulty during the testing & commissioning, the same can be repaired/ replaced using mandatory spares supplied for other locations which are part of this tender, hence no fresh equipment supply forms part of scope. Please confirm	
486.	PGCB/KfW/2012.66.436/NZSS Volume-3, Schedule 1: Baghabari, Page B-1 Sr. Nos. G7.X & G10.X As there are No SAS at this site location, please explain the scope of Expansion at NLDC	Existing systems, if any, shall be extended to accommodate new bay.
487.	PGCB/KfW/2012.66.436/NZSS Volume-1, Section VI: Employer's Requirements Mithapukur, Page VI-3 space for future extension for four (4) 132 kV bays We understand that for the future bay space, underground earth mats & gravel spreading are not included in the scope of this tender Please confirm	All permanent facilities have to be considered for final arrangement.
488.	PGCB/KfW/2012.66.436/NZSS Volume-1, Section VI: Employer's Requirements Mithapukur, Page VI-3 space for eight (8) 33 kV bay We understand that for the future bay space , underground earth mats & gravel spreading are not included in the scope of this tender Please confirm	All permanent facilities have to be considered for final arrangement.
489.	PGCB/KfW/2012.66.436/NZSS Volume-1, Section VI: Employer's Requirements Mithapukur, Page VI-3 land development of complete switchyard area In case of any encroachments or any other disputes in the proposed	Confirmed.



SL No.	Bidder's Query	PGCB's Reply
	land, the same would be cleared by PGCB and clearance would be issued to the successful bidder to proceed with the work. Please confirm	
490.	PGCB/KfW/2012.66.436/NZSS Volume-1, Section VI: Employer's Requirements Mithapukur, Page VI-3 land development of complete switchyard area The co-ordinates indicated in the layout drawings does not match with actual site coordinates. Please re-check and confirm that the co-ordinates are correct.	The Bidder has to consider all Tender drawings as preliminary and for Tender purpose only. All dimensions are preliminary and general. Not all equipment is shown. Details are not shown at all. Final solution has to be defined during design stage The Selected Bidder has to provide detail design and detail calculation of complete facilities The Selected Bidders has to provide detail drawings as well as all other documents, which will be subject of Employer's final approval.
491.	PGCB/KfW/2012.66.436/NZSS Volume-1, Section VI: Employer's Requirements Mithapukur, Page VI-3 land development of complete switchyard area Please provide the contour maps of the site	The Bidder has to consider all Tender drawings as preliminary and for Tender purpose only. All dimensions are preliminary and general. Not all equipment is shown. Details are not shown at all. Final solution has to be defined during design stage The Selected Bidder has to provide detail design and detail calculation of complete facilities The Selected Bidders has to provide detail drawings as well as all other documents, which will be subject of Employer's final approval.
492.	PGCB/KfW/2012.66.436/NZSS Volume-3, Schedule 1: Mithapukur, Page B-25 Line differential protection relay 132 kV As per "BLOCK DIAGRAM - LINE BAY 132KV" Drawing No. PGCB/KfW/2012.66.436/SSNZ/4.4, there is no line differential protection. Please clarify the requirement of a Line differential protection relay as mandatory spare	Noted – differential relays as spares are not required. Please refer to amended Price Schedules.
493.	PGCB/KfW/2012.66.436/NZSS Volume-3, Schedule 1: Mithapukur, Page B-19	Yes, please refer to Addendum-1.

SL No.	Bidder's Query	PGCB's Reply
	Water Spray Fire Protection System, for new 132/33 kV, three phase, 50/75 MVA, Dyn1, ONAN/ONAF Powertransformer unit. Can we offer Nitrogen Injection Fire Protection System (NIFPS) as an alternative to Water Spray Fire Protection System	
494.	PGCB/KfW/2012.66.436/NZSS Volume-1, Section VI: Employer's Requirements Applicable for all locations, Page VI-4, Clause 1.2.5 –(i)-c Short circuit withstand test (special test) This is a destructive test and we don't envisage conducting any destructive test We shall submit the short circuit analysis by means of calculations in the event of an order on us Please accept	Please follow tender requirements.
495.	PGCB/KfW/2012.66.436/NZSS Volume-1, Section VI: Employer's Requirements Applicable for all locations, Page VI-4 Clause 1.2.5 –(ii)-d, Short time withstand current test. This is a destructive test and we don't envisage conducting any destructive test. We shall submit the short circuit analysis by means of calculations in the event of an order on us. Please accept	Please follow tender requirements.
496.	PGCB/KfW/2012.66.436/NZSS Volume-1, Section VI: Employer's Requirements Applicable for all locationsPage VI-4 Clause 1.2.5 –(iii)-c Short time withstand current test. This is a destructive test and we don't envisage conducting any destructive test We shall submit the short circuit analysis by means of calculations in the event of an order on us Please accept	Please follow tender requirements.
497.	PGCB/KfW/2012.66.436/NZSS	Please follow tender requirements.




SL No.	Bidder's Query	PGCB's Reply
	Volume-1, Section VI: Employer's Requirements, Applicable for all locations, Page VI-4, Clause 1.2.5 –(iv)-a Short time withstand current test. This is a destructive test and we don't envisage conducting any destructive test. We shall submit the short circuit analysis by means of calculations in the event of an order on us Please accept	
498.	PGCB/KfW/2012.66.436/NZSS Volume-1, Section VI: Employer's Requirements Applicable for all locations, Page VI-5 Clause 1.2.5 –(v)-c: Short time withstand current test. This is a destructive test and we don't envisage conducting any destructive test We shall submit the short circuit analysis by means of calculations in the event of an order on us Please accept	Please follow tender requirements.
499.	PGCB/KfW/2012.66.436/NZSS Volume-3, Schedule 1: Applicable for all locations Mandatory spares. Please confirm that the scope of mandatory spares are limited to the list provided in Schedule-1 and any additional mandatory spares mentioned as part of Technical specifications is not going to form part of the scope of supply.	Please follow tender requirements.
500.	PGCB/KfW/2012.66.436/NZSS Volume-3, Schedule 1: Applicable for all locations Page B-55, Page B-59, Page B-62, Page B-66. Environmental and Social Services - PROVISIONAL SUM We understand that maximum liability to the bidder related to environmental and social services will be limited to the sum mentioned in the Price schedule. Please confirm	Not confirmed, please follow Tender requirements.
501.	PGCB/KfW/2012.66.436/NZSS	PLC facilities such as line trap and coupling capacitor, new or

SL No.	Bidder's Query	PGCB's Reply
	Volume-2 SCOPE OF WORKS Applicable for all locations -5- PLC facilities such as line trap and coupling capacitor, new or currently used in existing substations shall be carried out under this contract. We understand that this clause is applicable only to Baghabari location Please confirm	PGCB's Reply currently used in existing substations shall be carried out under this contract. Please follow tender requirements.
502.	PGCB/KfW/2012.66.436/NZSS Volume-2, SCOPE OF WORKS, Applicable for all locations -6- In addition, to implement the complete SCADA system after completion of the project, modification of the existing software in the master and back-up computer of the national control centre, and modification / extension / renovation of hardware (installing additional printed circuit Cards or other equipment, etc. if required) shall be made under this contract. Please confirm the existing system is capable of handling the additional capacity and PGCB shall facilitate for providing necessary access to existing system for carrying out the modification and addition job.	Final solution has to be defined during design stage The Contractor has to provide detail drawings as well as all other documents, which will be subject of Employer's final approval. There is an agreement signed between PGCB and Alstom (at present GE) regarding NLDC integration fixed price rate which is enclosed as Annexure-11. However selected bidder is responsible for complete the whole communication works including integration of NLDC.
503.	PGCB/KfW/2012.66.436/NZSS Volume-2, HV Switchgear and Neutral Earthing Equipment Applicable for all locations -68- Outdoor HV Switchgear-Type Tests. Can we avoid repetition of type tests if we offer equipments which are already type tested according to International Standards	Please follow tender requirements.
504.	PGCB/KfW/2012.66.436/NZSS Volume-2, HV Switchgear and Neutral Earthing Equipment Applicable for all locations -68- Outdoor HV Switchgear-Type test & Routine tests Some of the type tests are repeated as routine tests. Please check	There is no discrepancy, please follow tender requirements.
505.	PGCB/KfW/2012.66.436/NZSS Volume-2, HV Switchgear and Neutral Earthing Equipment	Please follow tender requirements.



SL No.	Bidder's Query	PGCB's Reply
	Applicable for all locations -73,-74- HV Disconnectors-Type Tests Can we avoid repetition of type tests if we offer equipments which are already type tested according to International Standards	
506.	PGCB/KM/2012.66.436/NZSS Voline-2, HV Switchgear and Neutral Earthing Equipment Applicable for all locations -73,-74-, HV Disconnectors-Type test & Routine tests. Some of the type tests are repeated as routine tests. Please check	There is no discrepancy, please follow tender requirements.
507.	PGCB/KM/2012.66.436/NZSS Voline-2, HV Switchgear and Neutral Earthing Equipment Applicable for all locations -77- & -78,-79-. HV Instrument Transformers-Type Tests. Can we avoid repetition of type tests if we offer equipments which are already type tested according to International Standards	Please follow tender requirements.
508.	PGCB/KM/2012.66.436/NZSS Voline-2, HV Switchgear and Neutral Earthing Equipment Applicable for all locations -82,-83- Surge Arresters -Type Tests Can we avoid repetition of type tests if we offer equipments which are already type tested according to International Standards	Please follow tender requirements.
509.	PGCB/KM/2012.66.436/NZSS Voline-2, HV Switchgear and Neutral Earthing Equipment Applicable for all locations -83- Surge Arresters -Type test & Routine tests Some of the type tests are repeated as routine tests. Please check	There is no discrepancy, please follow tender requirements.
510.	PGCB/KM/2012.66.436/NZSS Voline-2, HV Switchgear and Neutral Earthing Equipment Applicable for all locations -85,-86- Insulators- Type Tests & Special tests. Can we avoid repetition of type tests & Special tests if we offer equipments which are already type tested according to International Standards	Please follow tender requirements.



or

SL No.	Bidder's Query	PGCB's Reply
511.	PGCB/KfW/2012.66.436/NZSS Volume-2, HV Switchgear and Neutral Earthing Equipment Applicable for all locations -86- Insulators-Manufacturers authorization. We presume that the Manufacturers authorization letter is required only for the items listed in Section II: Bid Data Sheet, Page II-3, Clause ITB 11.2 (I)-2. Of Volume-1. Please confirm	Confirmed.
512.	PGCB/KfW/2012.66.436/NZSS Volume-2, Power Transformers, Applicable for all locations -117- Oil Treatment Plant We presume that this is not part of the scope of supply as the same is not appearing in the price schedule	Your understanding is not correct. It is to be understood that the work(s) include everything requisite and/or necessary to finish the entire Scope of Work properly and the equipment has to be complete in every respect, notwithstanding the fact that every item may not be specifically mentioned in Price Schedules.
513.	PGCB/KfW/2012.66.436/NZSS Volume-2, Protection, Metering and Control Applicable for all locations -140- The independent DFDR system shall be equipped with a minimum of 40 digital and 8 analogue signals per bay. Please confirm that the future bays need not be considered in the present scope while selecting the number of digital & analogue signals	Not confirmed, signals from future bays shall also be considered. All permanent facilities have to be considered for final arrangement.
514.	PGCB/KfW/2012.66.436/NZSS Volume-2, Protection, Metering and Control, Applicable for all locations -141- Extension of the existing DFDR:	Query is not clear
515.	PGCB/KfW/2012.66.436/NZSS Volume-2, Schedule E: Technical Particulars and Guarantees Applicable for all locations -143- Bay Control Unit for LV AC & DC. Please clarify the requirement of Bay Control Unit for LV AC & DC, this requirement is not covered in the Technical specifications of LV AC distribution board.	Yes, BCU for Auxiliary power supply is required
516.	Volume-1 Section IX : Contact Forms Payment Procedure Page IX-9 The payment of the portion of the contract price for goods and services under the contract shall be disbursed directly by KfW according to KfW's Simplified Direct	Please note that for foreign portion KfW shall disburse payments as per their Disbursement Procedure. For details please refer https://www.kfw-entwicklungsbank.de/PDF/Download-Center/PDF-Dokumente-Richtlinien/Mittelauszahlungen_EN.pdf

SL No.	Bidder's Query	PGCB's Reply
	Disbursement Procedure. Please forward us the KFW direct disbursement procedure. Please confirm if the LC will be opened by PGCB since the payment procedure is "Direct Disbursement". Please confirm if it is mandatory to open the LC to import material in Bangladesh. In case LC need to be opened we understand the same will be opened by the Employer and all cost associated to opening of LC will be borne by the Employer. Please confirm.	In case of direct disbursement, the Contractor shall be responsible for importing materials/goods by their own responsibility in the name of the consignee i.e. PGCB. Upon request of contractor in each shipment, PGCB will give assistance to acquire permission from "Office of the Chief Controller of Imports & Exports", Bangladesh for import such materials/goods. For local portion rules and regulations of Bangladesh and PGCB shall apply. LC will not be opened by PGCB as well as PGCB will not bear any cost.
517.	Please confirm whether earth filling is required to accommodate access road connecting the adjacent public road.	Yes

Handwritten signature and mark