Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
1	Volume 1	1 ITB		Please confirm the beneficiary details for issuing Bid Security	Benificiary details for issuing Bid Secuirty is given below: Company Secretary Power Grid Bangladesh PLC 2nd Floor, Grid Bhaban, Avenue-3, Aftabnagar, Badda,Dhaka	N
2	Volume 1	3 EQC 4 1 & 2 Financial Requirements		We understand that (a) Eligible Bidder who meets 40% of Financial Qualification Requirements of clause 2.3.1, 2.3.2 (Average Annual Turnover) & 2.3.3 (Financial Resources) can be Lead Partner and balance Technical Qualification Requirements would be met by cumulatively / jointly. Please confirm. (b) The maximum Joint Venture Partners including Lead Partner would be 04. Kindly confirm.	(a) Please follow the bidding documents. (b)Your understatnding is not correct. Please follow the bidding document.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
3	Volume 1	3 EQC	2.4.1 Contracts of Similar Size and Nature Criteria	"The scope of each contract must include design, supply, installation, testing & commissioning of new construction or extension/ renovation of existing 230/X kV or higher rated voltage AIS/GIS substations with a minimum of three (03) bays including one (1) power transformer of 230/X kV or above." "iv) At least one contract must be completed with new 230/X kV or higher voltage rating transformer with capacity of 120 MVA or higher." Please confirm our understanding as under:- (a) "The scope of each contract must include design, supply, installation, testing & commissioning of new construction or extension/ renovation of existing 230/X kV or higher rated voltage AIS/GIS substations with a minimum of three (03) bays including one (1) power transformer bay (Owner Supplied OR Contractor Supplied) of 230/X kV or above." (b) "iv) At least one contract must be completed with new 230/X kV or higher voltage rating transformer (Owner Supplied OR Contractor Supplied) with capacity of 120 MVA or higher.	(a) Supply of the Power Transformer shall be the scope under the same contract. (b) Supply of the Power Transformer shall be the scope under the same contract.	N

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Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
4	Volume 1	Section 6: Employer's Requirements	"1. Scope of Supply of Plant and Services Type Test Requirements for Major Equipment (For Substation Part) Type test certificates of Power Transformer of similar or higher specifications (voltage, short circuit rating & capacity) required by the Bid shall be submitted as per relevant IEC/equivalent standard and shall be issued by STL member testing laboratories or from manufacturer's own testing laboratory. Test carried out at manufacturer's own testing laboratory must have been witnessed and certified by a representative from STL member testing laboratories"	1. Please confirm that the Type Test carried out at an independent laboratory and have been witnessed and certified by a representative from STL member testing laboratories is also acceptted. 2. Please confirm that if the Employer approves the type test report proposed by the bidder during the bidding phase, there is no need to repeat the type test during the execution phase.	1. Please follow the bidding documents. 2.Your Understanding is correct.	N
5	Volume 1	Section 6: Employer's Requirements	1. Scope of Supply of Plant and Services *Short circuit withstand test for 230/132/33kV Transformer Short circuit test certificates/reports shall be of minimum 220kV, 225MVA single/ three phase or higher rating. *Short circuit withstand test for132/33kV Transformer Short circuit test certificates/reports shall be of minimum 132kV, 80MVA three phase or higher rating.	The voltage level required here is the minimum. Can it be understood that a higher voltage level with higher capacity short-circuit test report are acceptable? For example, if the manufacturer provides a short-circuit test report with 400kV and 320MVA, then the manufacturer can meets the short-circuit test report requirements of both 230kV and 132kV levels?	Your Understanding is correct.	N
6	Volume 1	Section 3: Evaluation and Qualification Criteria 2.6 Subcontractors		According to 2.6 Subcontractors of Section 3 EQC, the 5kW solar system is not classified as main equipment. We understand that for this bidding phase, only the submission of Guaranteed Technical Particulars (GTP) is required. Supporting documents such as the Manufacturer Authorization, ISO certificates, and product catalogues, which are required in the GTP, can be submitted during the project execution stage.	Your Understanding is correct. All other documents need to be submitted during execution and shall have to be taken approval from the employer. Inadvertantly, solar system GTP mentioned 5kW. Please refer to **Addendum-1** for correct specification.	Y

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

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(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
7	Volume 1	3 EQC	The scope of each contract must include design, supply, installation, testing & commissioning of new construction or extension/ renovation of existing 230/X kV or higher rated voltage AIS/GIS substations with a minimum of three (03) bays including one (1) power transformer of 230/X kV or above.	In some countries the substation voltage is 220kV equivalent to your mentioned requirement, kindly request to accept 220kV substations experience.	Your proposal is accepted considering the wide participation of the international bidder and same shall be followed during evaluation.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

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(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
8	Volume 1	Section 8: Special Conditions of Contract	SCC10.3 Clause GCC 10.3 shall be replaced by the following: The Employer shall give administrative support to accord permits, approvals and/or licenses from local, state or national government authorities or public service undertakings in the country where the Site is located. The Contractor shall acquire and pay for all permits, approvals and/or licenses from local, state or national government authorities or public service undertakings in the country where the site is located which (a) such authorities or undertakings require to obtain in the Employer's name, (b) are necessary for execution of the contract, including those required for the performance by both the Contractor and the Employer of their respective obligations under the contract, and (c) are specified in the appendix (scope of works and supply by the employer) to the contract agreement. The cost of acquiring such permits, approvals and/or licenses are deemed to be included in the contract price. Subject to Sub-Clause 10.7, any additional field data and drawing required for permits, approvals, and/or licenses from all local, state, or national government authorities, or public service undertakings, which are not required to be supplied by the Employer in the Appendix (Scope of Works and Supply by the Employer), shall be provided by the Contractor."	We suggest the Employer to undertake all the acquisiont of pemits, approvals and or licenses deemed for the contract. If not accept the advice mentioned above, kinly provide information and cost reference for all the permits, approvals and or licences neccessary for the contract.	Please follow the bidding documents.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

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(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
9	Volume 1	Section 8: Special Conditions of Contract	SCC 40. Extension of Time for Completion The following texts shall be added at the end of GCC Clause 40.1 as 40.1 (h) For any other time extension (including provisional acceptance of time extension) given beyond the parameters of 40.1, in such cases the right of Power Grid to impose Liquidated Damages (LD) and other rights set forth in the Contract Document will remain the same without prejudice.	Please clarify on this added clause, we understand that there shall be no Liquidated Damages (LD) under any time extension period, please confirm.	Please follow the bidding documents.	N
10	Volume 1	Section 9	Contract Agreement 3.1 Effective Date (Reference GCC Clause 1) The Effective Date upon which the period until the Time for Completion of the Facilities shall be counted from is the date when all of the following conditions have been fulfilled: (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. Each party shall use its best efforts to fulfill the above conditions for which it is responsible as soon as practicable.	We hope to add the L/C as one of the contract effective date conditions as follows: (d) The Contractor has been advised that the documentary credit has been issued in its favor. Or otherwise, please inform when will Employwer issue the documentary credit in the favor of Contractor after signing the Contract.	Please follow the bidding documents.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

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(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
11	Volume 1	Section 3: Evaluation and Qualification Criteria / 2.4 Bidder's Experience / 2.4.1 Contracts of Similar Size and Nature	2.4.1 Contracts of Similar Size and Nature Participation as a Contractor/JV Partner in at least three contracts that have been successfully completed within the last 10 (ten) years, and those are similar to the proposed contract, where the total cumulative value upto four contract must be at least: USD 45 M (Forty Five Million USD), among those one (01) contract value must be at least USD 20 M (Twenty Million USD). The similarity of the Bidder's participation shall be based on the physical size, nature of works, complexity, methods, technology or other characteristics as described in Section6 (Employer's requirements). The scope of each contract must include design, supply, installation, testing & commissioning of new construction or extension/ renovation of existing 230/X kV or higher rated voltage AIS/GIS substations with a minimum of three (03) bays including one (1) power transformer of 230/X kV or above. For the above contracts executed during the period stipulated in 2.4.1 above, a minimum experience is required in the following key activities: i) At least one contract shall be with new 230/X kV or higher voltage rating AIS substation. ii) At least one contract must be in successful operation for a minimum of three (3) years counting backward from the date of the bid submission deadline. iii) At least one contract must be completed either in	The bidder understands that, if a single contract includes multiple substations, the total number of bays from all those substations will be counted together (cumulatively) to meet the requirement of a minimum of three (03) bays. Kindly confirm if this understanding is correct.	Your Understanding is correct.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

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(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

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Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
12	Volume 1	Section 3 Evaluation and Qualification Criteria / 2.6 Subcontractors and Volume 1 / Section 4: Bidding Forms / Form EXP - 7: Subcontractors	Section 3 (Evaluation and Qualifiation Criteria) / 2.6 Subcontractors - As per tender requirement every equipment manufacturer have to provide Form EXP-7 Section 4: Bidding Forms / Form EXP - 7: Subcontractors	Section 4 (Bidding Forms) / Form EXP-7: Subcontractors - Contranct Name, Identification, Value and Details of Contract is Required. As per our understanding Form "EXP-7: Subcontractors" is only for Electrical and Civil Works subcontractors, not for manufacturers. Every equipment manufacturer does not need to provide Form EXP-7. Moreover, from our previous experience we have seen that manufacturers do not want to provide this document because contract name, contract identification, contract value these are not related information with manufacturers. Please confirm our understanding is correct.	Your understanding is correct.	N
13	Volume 1	Section 6: Employer's Requirements / 9. Equipment Requirements / Page 6-26	9. Equipment Requirements	In Section 6, 9. Equipment Requirements a list of equipments are provided. But in the list Concrete Mixer is mentioned twice. As per bidder's understanding bidder needs to consider Concrete Mixer only once. Please confirm bidder's understanding is correct.	Please follow the bidding documents.	Y
14	Volume 1	Section 4: Bidding Forms / Form FIN-4: Financial Requirements for Current Contract Commitments	Form FIN- 4: Financial Requirements for Current Contract Commitments Bidders (or each Joint Venture partner) should provide information on their current commitments on all contracts that have been awarded, or for which a letter of intent or acceptance has been received, or for contracts approaching completion, but for which an unqualified, full completion certificate has yet to be issued.	As per the bidder's understanding, only Government Turnkey Contracts are to be considered for this requirement. Kindly confirm whether the bidder's understanding is correct.	Your understanding is not correct. It is applicable for all current contracts.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

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(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
15	Volume 1	Section 4: Bidding Forms / Form FIN-4: Financial Requirements for Current Contract Commitments	Form FIN- 4: Financial Requirements for Current Contract Commitments Bidders (or each Joint Venture partner) should provide information on their current commitments on all contracts that have been awarded, or for which a letter of intent or acceptance has been received, or for contracts approaching completion, but for which an unqualified, full completion certificate has yet to be issued.	Normally, in every contract, the bidder initially invests a certain amount towards Performance Guarantee (PG), Advance Payment Guarantee (APG), foreign and local procurement, and civil construction works, while receiving only progress-based payments from the Employer during project execution. As per the bidder's understanding, for the purpose of outstanding amount calculation under Form FIN-4, the amount invested by the bidder for a contract should be deducted from the total contract value, rather than the payments received from the Employer. Kindly confirm whether this understanding is correct.	Please follow the bidding documents.	N
16	Volume 1	Section 2: Bid Data Sheet / ITB19.2	a) If any bidder claims domestic preference for any item in Schedule 2, they must quote at least 30% of the price for that specific item in BDT (Bangladeshi Taka)	In Schedule-2, if the bidder intends to quote a line item in foreign currency, may the bidder quote for the same line item in two currencies—for example, 70% in foreign currency and 30% in local currency (BDT)—in order to comply with the domestic preference requirement?	The provision of bidding documents is clear. Please follow the bidding documents.	N
17	General		Tender Document Purchase	As per the bidder's understanding, if a bidder participates in the tender as a Joint Venture (JV) or Consortium, the tender document may be purchased in the name of any partner of the Joint Venture or Consortium. It is therefore not mandatory to purchase the tender document in the name of the Joint Venture or Consortium itself. Kindly confirm whether the bidder's understanding is correct.	Your understanding is correct.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

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(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

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Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
18	Volume 1	section 3 Evaluation and Qualification Criteria/2. Qualilfication/2.4. 1 Contracts of Similar Size and Nature	2.4 Bidder's Experience 2.4.1 Contracts of Similar Size and Nature Criteria / Compliance Requirements / Documents Requirement / Single Entity / Joint Venture: All Partners Combined, Each Partner, One Partner / Submission Requirements Participation as a Contractor/JV Partner must: at least three contracts that have been successfully completed within the last 10 (ten) years, and those are similar to the proposed contract, where the total cumulative value upto four contract must be at least USD 45 M (Forty Five Million US$) among those one (01) contract value must be at least USD 20 M (Twenty Million US$) / Must meet requirement / Must meet requirement / Must meet requirement for at least one contract mentioned in the column 1 of this table / Must meet requirements of at least two comparable contracts as mentioned in requirement / Form EXP - 1	2.4.1 Contracts of Similar Size and Nature, the Joint Venture, in the tables, are sub-itemed to "All partners combined, Each partner, One partner", please further clarify the differences among them, and please clarify how they are matched to OR which sub-item shall be applied to the Requirement as stated in the first column of the table.	The provision of bidding documents is clear. Please follow the bidding documents.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

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(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

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Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
19	Volume 1	Price Schedule-SS Part, Schedule 1D, 2D & 4D, Line Item: 1E3 & 2E3 and Volume 3 of 3, Schedule A (Requirements)-SS Part, Line Item: 1E3 & 2E3 and Volume 3 of 3, GTP (33/0.415 kV EARTHING /AUXILIARY TRANSFORMERS), Line Item: 2.1	For Madhabpur and Monohardi substations, the auxiliary transformer power rating is mentioned as 300 kVA in both the price schedule and Schedule A, but it is stated as 500 kVA in the GTP.	Please confirm the auxiliary transformer power rating and provide the revised price schedule accordingly if required.	The capaxuty of Auxilary Transformers is 300 KVA as per Price Schedule. For necessary correction, please refer to Addendum-1.	Y

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

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(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

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Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
20	Volume 1	Price Schedule-SS Part, Schedule 1D, 2D & 4D, Line Item: 2F8 and Volume 3 of 3, Schedule A (Requirements)-SS Part, Line Item: 2F8	For the Monohardi 230/132/33 kV AIS substation, control, protection & monitoring, and the substation automation system, including the event recording function for two (2) sets of overhead line circuit bays, are mentioned in Schedule A, but in the price schedule the quantity is four (4) sets.	Please confirm the quantity of control, protection & monitoring, and the substation automation system, including the event recording function of overhead line circuit bays, and provide the revised price schedule accordingly if required.	Four (4) sets mentioned in both cases.	N
21	Volume 1	Price Schedule-SS Part, Schedule 1D, 2D & 4D, Line Item: 1B3 and Volume 3 of 3, Schedule A (Requirements)-SS Part, Line Item: 1B3 and Volume 3 of 3, GTP (1.1.2. 230KV CIRCUIT BREAKERS), Line Item: 14	For Madhabpur and Monohardi substations, the 230kV Bus Coupler Bay CB rating is mentioned as 3150 A in both the price schedule and Schedule A, but it is stated as 4000 A in the GTP.	Please confirm the 230kV Bus Coupler Bay CB rating and provide the revised GTP accordingly if required.	The minimum rated continuous current for the Bus Coupler Bay Circuit Breaker mentioned in GTP is not correct. The applicable current rating is 3150A as per Price Schedule and Schedule A of Volume 3 (SS). For necessary correction, please refer to Addendum-1.	Y

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

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Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
22	Volume 1	Price Schedule-SS Part, Schedule 1D, 2D & 4D, Line Item: 1L.3 & 2L.3 and Volume 3 of 3, GTP	For Madhabpur and Monohardi substations, the grid-tied solar power rating is 20 kWp as per the price schedule, but in GTP the grid-tied solar power rating is 5 kWp.	Please confirm the grid-tied solar power rating & revised the price schedule accordingly if required.	Attached GTP of 5KW solar system rating is reference only. However bidders are requested to follow the format of attached GTP and submit the GTP of 20KW (AC output) solar system from manufacturer.	N
23	Volume 1	Price Schedule_Package 2 SS Part/Schedule 4D/1K,2K,3K-Civil Works, Building and Foundation/1K.2, 2K.2, 3K.2	Outdoor Gantry & PI foundation for 230kV, 132kV, 33kV switchyard;	Please update the unit of measure from 'lot' to 'nos' and specify the quantity based on the number of items required	Please refer to Addendum No 1.	Y
24	Volume 1	Price Schedule PTSIREP P2 SSD		1. No PLC equipments is in the BOQ, so teleprotetion channels for distance protection between Madhabpur and remote end substations will be over opticacl fibers along with transmission lines. Please confirm. 2. No PLC equipments is in the BOQ, so teleprotetion channels for distance protection between Monohardi and remote end substations will be over opticacl fibers along with transmission lines. Please confirm. 3. No PLC equipments is in the BOQ, so teleprotetion channels for distance protection between Bajitpur and remote end substations(Monohardi) will be over opticacl fibers along with transmission lines. Please confirm.	Your understanding is correct, there is no Power Line Carrier(PLC) under scope of this contract. However, the teleprotection channel for distance protection between two substations shall be as per specification mentioned in Section 5 & section-14 of Volume 2 of 3 (Substation) of the bidding document.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

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(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
25	Volume 1	Price Schedule PTSIREP P2 SSD		Line differential protection relay needs to cooperate with the opposite side of the line, same protection relay shall be provided as per remote end line protetion. So please provide the line protection Relay Type & model of remote end substation(Shahzibazar 1,2; Brahamanbaria 1,2 ; Shahzibazar PP 1,2; Comila(N)1,2 ; Sripur 1,2 ; Ashuganj 1,2)	Among all Remote end stations only Sripur Grid Substation has differential protection devices.	N
26	Volume 1			We didn't find items for fire detetion and alarm system in the BOQ, please clarify.	Fire-fighting systems for Transformers are included in the respective price schedule section for which bidders are required to quote price seperately. Fire detection and alarm system may not included for buildings but Fire extinguishing equipment shall have to be provided in the buildings as per clause no 11.7 of volume-2 of 3 (substation) of the bidding document and the price is deemed to be included in the overall Contract Price.	N
27	Volume 1	Price Schedule PTSIREP P2 SSD	1F.6 Complete Tarif metering panel	"One meter for each 230KV feeder" is stated in the BOQ, but two meters(main+check) are shown in the drawings. Please onfirm how many tariff meters shall be provided for 230kV line bay, transformer bay ,132kV line bay, transformer bay and 33kV bay.	The correct quantity shall be as per the price schedule and Schedule A of Volume 3 (SS).	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
28	Volume 1	Price Schedule_Package 2 SS Part/Schedule 4D/1K,2K-Civil Works, Building and Foundation/1K.2, 2K.2/1B,1C,2B,2C	The bidder understands that there is a mismatch in Equipment Foundation quantity in Schedule 4D (1K.2, 2K.2) according to the equipment structure in Schedule 4D (1B,1C,2B,2C)	Please confirm our understanding and revise the price schedule with the actual quantity.	Please refer to the addendum no. 1	Y
29	Volume 1	Price Schedule_Package 2 TL Part/Schedule 4B/LILO of Sripur-Ashuganj 230kV DC Line/2.2.5	Tower type "2QL" Piled Foundation for Soil Category-3 with 2.0m Raised Chimney	The unit of measure for this line item is missing. We understand it to be "per tower." Please confirm this understanding.	Please refer to the addendum no. 1	Y

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
30	2 of 3 TL	Line Item: 2.1		"POWER GRID's existing designed towers shall be used. The Employer shall provide structural/erection drawings, available shop drawings and available bill of materials of all types of transmission line towers and their extensions as required to the Contractor after placement of award, in sequence, suiting the project requirement upon written request of the Contractor." • We understand that the subject Transmission Lines approved Tower and Foundation Design/ Drawings are available with M/s. Powergrid, and therefore, New Tower and Foundation Design will not be developed. Kindly confirm.	New Tower design is not required to be developed. However, if the Contractor needs to prepare any additional structural and shop drawings or make any correction of existing drawings, these have to be prepared by the Contractor without any additional cost. In such case, the Contractor has to submit relevant documents/drawings for approval of the Employer. Foundation design of tower is in the scope of bidder.	N
31	2 of 3 TL			The tower drawings are missing in the "Volume 2 of 3 [Transmission Line Part]"	The tower drawing numbers are mentioned in "Volume 2 of 3 [Transmission Line Part]". Tower drawings are already provided.	N
32		Site Plan Part of Transmission Line		The tender documents consist of three components: text, appendix tables, and attached drawings. In the event of inconsistencies among these components, which part should prevail as the authoritative reference?	Please follow the bidding document.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
33		230kV & 132kV transmission line route plan	230kV & 132kV transmission line route plan.	Please confirm with us that if the 230kV & 132 kV route is shifted in the execution stage and additional 230kV & 132kV towers are needed beyond the price schedule mentioned quantity to connect the transmission line to the substation, the price variation will be provided or not.	Provided route is tentative which shall be used for tendering purpose only. Route shall be finalized during execution of project. As per final route Bill of Quantity (BoQ) will be determined and payment will be done accordingly.	N
34		Line Route		Please provide the KMZ file of the Line Route	Already provided.	N
35		Geological Survey Report		The bidding documents do not provide any geological survey report for the substation and transmission lines. Please provide this report or document.	In the scope of bidder.	N
36	Volume 2 of 3_TL PTSIREP P2		8.7.7.5. The test load cases required to prove compliance of the structure design and order of tests shall be agreed between the Employer and the Contractor. There shall be no restrictions on the number of test load cases to be applied to the structure which may include a test to destruction.	Since the tower drawings are provided by the employer, we believe that destructive testing is not necessary for the towers, only FAT needs to be done. Please confirm	Your understanding is correct.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

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Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
37	Volume 2 of 3_TL		Annex 1-1 However, if the Contractor needs to prepare any additional structural and shop drawings or make any correction of existing drawings, these have to be prepared by the Contractor without any additional cost. In such case, the Contractor has to submit relevant documents/drawings for approval of the Employer.	Please specify, for each transmission line, which tower types are provided by the owner and which tower types require the contractor to conduct supplementary additional design or redesign? For the steel towers that the contractor carries out supplementary design or redesign on, is it necessary to perform destructive tests?	All the structural drawing of Towers shall be provided by the employer. However, if the Contractor needs to prepare any additional structural and shop drawings or make any correction of existing drawings, these have to be prepared by the Contractor without any additional cost. In such case, the Contractor has to submit relevant documents/drawings for approval of the Employer. It is not necessary to perform any destructive tests for supplementary design or redesign.	N
38	Volume 2 of 3_TL	Volume-2 (TL Part)/Annex 23-1/Monohordi-Bajitpur 132kV Double Circuit Transmission Line	Description: Sl.No-1 Gantry (Easting-267231.7433 m , Northing-2670882.234 m) Sl.No-33 Gantry (Easting-285375.5 m , Northing-2681220 m	The positions of these two towers appear to be inconsistent. Please verify their exact locations and confirm.	Please refer to route map drawing. The position of Sl. No 33 (Gantry) is consistent with route map. Please refer to Addendum-1 for Sl.No-1 (Gantry).	Y
39	Volume 2 of 3_TL		Annex 1-1 POWERGRID's existing designed towers shall be used.	Please provide the tower drawings corresponding to the 3 sections of the transmission lines for this project.Since the meteorological conditions vary for each line, the tendering party is requested to provide detailed steel tower drawings and parameters separately for each line.	Existing tower drawings has already been provided.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

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(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
40	Schedule No.4A of Price Schedule PTSIREP P2 TLD		[illegible]	Please clarify what unit "rm" represents.	runnig meter	N
41	Volume 2 of 3 TL PTSIREP P2		6.6 Test Level	For the Level 2, level 3 and level 4 are almost the same geotechnical investigation requirements, which all based on in-situ testing and laboratory test. The in-situ testing is the same for all three levels. The laboratory tests are almost the same for three levels, with only small difference: For the Level 3, it just add laboratory vane shear test instead the direct shear box test in Level 2. For the Level 4, it just add the triaxial compression(undrained) test compared to Level 3. The differences are minimal for these threee levels. For different level, does it mean the Levels indicate the degree of detail, with Level 4 being the most detailed, followed by Level 3, then Level 2?	Your Understanding is correct.	N
42	Price Schedule PTSIREP P2 TLD		Schedule No.4A, Schedule No.4B, Schedule No.4C 1.2 Geotechnical Investigations including taking samples, logging and lab testing	The price schedule specifies only one borehole for each level (Levels 2, 3, and 4). Is this quantity fixed, or can it be adjusted? In practice, the number of boreholes is determined by the number of towers, with typically one borehole drilled per tower. Furthermore, different borehole will follow different Level requirements according to the borehole actual soil conditions.	Item no. 1.2.1 of price schedule 4 is the additional quantity of geotechnical investigation if required during construction. Soil investigation is included in the cost of tower foundation.	N
43	Price Schedule		**Schedule No. 1H Item 6.1~6.3** **Supply of Fittings/accessories related to the termination of the transmission line with each relevant substation equipment upto each 132kV bus in the 132kV substation**	Please provide the renovation scope within the substation and the electrical general layout drawings.	There is no schedule named 1H. Hence your questions could not be replied.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
44				Please provided the length of each 230kV and 132kV lines	Length of each 230kV and 132kV lines are provided in the Volume 2 of 3_TL (Annex 1-1).	N
45	Price Schedule		Schedule No. 1B 3.2. Insulator strings, with associated tension clamps for twin 37x4.176 AAAC Conductor	There is no relevant content in the bidding documents. Please clarify whether it is within the scope of this project.	This Insulator string set with associated fittings is required to connect the existing line with proposed LILO of Sreepur-Ashuganj 230kV Double Circuit Line at Monohardi 230/132/33kV Substation. Hence it is within the scope of this project.	N
46		Factory Acceptance test(FAT)		Please confirm if the employer needs to witness FAT, and which equipment and materials need to be witnessed? Do the travel expenses incurred by the Employer's personnel participating in FAT need to be borne by the contractor?	Please follow the bidding documents.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
47	Voulme 2 of 3 SS	Section 5: Protection, Metering and Control Including Substation Automation	5.2.1 For standardization of operating performance, facilities and spare requirements, the protection relays and control systems, together with complete panels to be supplied under this project shall be manufactured by Hitachi (Switzerland/Sweden), Alstom/GE (France/UK/USA), Siemens (Germany), SEL (USA/UK/Canada), NR Electric (China) or equivalent. Since some of the above mentioned make, viz., Hitachi (Switzerland/Sweden), Alstom/GE (France/USA/UK), SEL (USA/UK/Canada), NR Electric (China) and Siemens (Germany) make Protection Relay and Substation Automation System (SAS) are already existed in PGCB's System and their performance is proven, only Manufacturer's Authorization letter among the Qualification Criteria of clause 2.6 of Section 3 of volume 1 of 3 of the Bidding Document is required to be submitted with the bid of the bidders who choose to propose Relay & SAS from these proven manufacturers. Acceptance of any other Relay, control system and SAS with similar characteristics shall have to fulfil the Qualification Criteria of clause 2.6 of Section 3 of volume 1 of 3 of the Bidding Document. 5.2.6 Since some of the above mentioned make, viz., ABB (Switzerland/Sweden), Alstom/GE (France/UK/USA), Siemens (Germany), NR Electric (China), SEL (USA), relay and control system is already existed in PGCB's System and their performance is proven, only Manufacturer's Authorization letter among the Qualification Criteria of sub-clause 2.6 of Section 3 of volume 1 of 3 of the Bidding Document is required to be submitted with the bid of the bidders who choose to propose Relay & SAS from these proven manufacturers. Acceptance of any other relay, control system and SAS with similar characteristics shall have to fulfill the Qualification Criteria of subclause 2.5 of Section 3 of volume 1 of 3 of the Bidding Document.	As per our understanding for Hitachi (Switzerland/Sweden), Alstom/GE (France/UK/USA), Siemens (Germany), SEL (USA/UK/Canada), NR Electric (China) make Relay & SAS, we only need to consider Manufacturer's Authorization Letter, Valid ISO 9001:2015 certificates and Schedule E (Technical Particulars & Guarantees). No need to consider any other manufacturer's documents as per Section 3, Clasue no. 2.6. Please confirm our understanding is correct.	Your Understanding is correct.	N

Sijan Sahin

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
48	Voulme 2 of 3 SS	Section 14 / FIBRE OPTIC MULTIPLEXER AND POWER LINE CARRIER EQUIPMENT FOR COMMUNICATIO N AND PROTECTION	For standardization of operation performance, facilities and spare requirements, the fibre optic multiplexer equipment for communication and protection to be supplied under this project shall consist of equipment which can totally be integrated into the existing telecommunication system in PGCB's network, including the telecommunication network management system. The fibre optic multiplexers presently used in PGCB's network are: # Hitachi FOX 515/615, and # GE MSE 5001, MSE 5010 # Huawei OSN 1800V, E6616 The Manufacturer of Telecommunication system – Fibre optic multiplexer equipment for communication and protection shall be: Hitachi Energy (Switzerland)(Former ABB), GE (Former Alstom/Areva), HUAWEI (China). Any other Manufacturer of Telecommunication system shall have to fulfil the Qualification Criteria required in sub-clause 2.6. of Section 3 of Volume 1 of Tender documents.	As per our understanding for: Hitachi Energy (Switzerland)(Former ABB), GE (Former Alstom/Areva), HUAWEI (China) make Telecommunication system – Fibre optic multiplexer equipment for communication and protection, we only need to considerManufacturer's Authorization Letter, Valid ISO 9001:2015 certificates and Schedule E (Technical Particulars & Guarantees). No need to consider any other manufacturer's documents as per Section 3, Clasue no. 2.6. Please confirm our understanding is correct.	Your Understanding is correct. However, for telecommunication equipment necessary type test report shall have to be submitted with bid proposal for acceptance as per section 14 of Volume 2 (SS) clause no. 14.1.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

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Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
49	Voulme 2 of 3 SS	Section 5: Protection, Metering and Control Including Substation Automation / 5.19 Digital Fault and Disturbance Recorder (DFDR)	5.19.2 For the purpose of standardization, the DFDR to be supplied under this project shall be from Qualitrol (Belgium/UK), SIEMENS (Germany) , SEL (USA) or equivalent. 5.19.4 Since some of the above mentioned make, viz., Qualitrol (Belgium/UK), SIEMENS (Germany),SEL (USA) DFDR is already existed in PGCB's System and their performance is proven, only Manufacturer's Authorization letter among the Qualification Criteria of sub-clause 2.5 of Section 3 of volume 1 of 3 of the Bidding Document is required to be submitted with the bid of the bidders who choose to propose DFDR from these proven manufacturers. Acceptance of any other DFDR with similar characteristics shall have to fulfill the Qualification Criteria of sub-clause 2.5 of Section 3 of volume 1 of 3 of the Bidding Document	As per our understanding for Qualitrol (Belgium/UK), SIEMENS (Germany), SEL (USA) make DFDR, we only need to consider Manufacturer's Authorization Letter, Valid ISO 9001:2015 certificates and Schedule E (Technical Particulars & Guarantees). No need to consider any other manufacturer's documents as per Section 3, Clasue no. 2.6. Please confirm our understanding is correct.	Your Understanding is correct.	N
50	Voulme 2 of 3 SS	Clause No. 2.31 INSULATING OIL and Price Schedule	Insulating oil shall comply with the requirements of IEC 60296. Insulating oil shall be provided by the Bidder for all oil-filled apparatus and 10% excess shall be provided for topping up purposes in sealed drums. The Bidder shall provice at no additional cost any oil treatment facilities he may require for his own use in order to ensure that insulating oil meets the requirements of the specification.	As per this clause, 10% excess Insulating oil shall be provided by the Bidder but there is no line item in the price schedule for this excess insulating oil. Please confirm whether it is required or not. If it is required then please revise the price schedule including this line item.	The bidder is not required to supply these items as not mentioned in the Price Schedule. For necessary correction, please refer to Addendum-1.	Y

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

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(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

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Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
51	Voulme 2 of 3 SS	Section 3 / 3.4.5 HVAC Circuit-Breakers / 3.4.5.6 Mandatory Maintenance Equipment	3.4.5.6 Mandatory Maintenance Equipment The Bidder shall supply the following mandatory maintenance equipment. a) SF6 gas filtering, drying, storage, filling and evacuation plant. b) SF6 gas leak detector c) Operational analyzer	As per this clause, a, b, and c shall be provided by the Bidder but there are no line items in price schedule for these items. Please confirm whether these items are required or not. If these items are required then please revise the price schedule including these line items.	The bidder is not required to supply these items as not mentioned in the Price Schedule. For necessary correction, please refer to Addendum-1.	Y
52	Voulme 2 of 3 SS	Section 5: Protection, Metering and Control Including Substation Automation	5.2.1 For standardization of operating performance, facilities and spare requirements, the protection relays and control systems, together with complete panels to be supplied under this project shall be manufactured by Hitachi (Switzerland/Sweden), Alstom/GE (France/UK/USA), Siemens (Germany), SEL (USA/UK/Canada), NR Electric (China) or equivalent. Since some of the above mentioned make, viz., Hitachi (Switzerland/Sweden), Alstom/GE (France/USA/UK), SEL (USA/UK/Canada), NR Electric (China) and Siemens (Germany) make Protection Relay and Substation Automation System (SAS) are already existed in PGCB's System and their performance is proven, only Manufacturer's Authorization letter among the Qualification Criteria of clause 2.6 of Section 3 of volume 1 of 3 of the Bidding Document is required to be submitted with the bid of the bidders who choose to propose Relay & SAS from these proven manufacturers. Acceptance of any other Relay, control system and SAS with similar characteristics shall have to fulfil the Qualification Criteria of clause 2.6 of Section 3 of volume 1 of 3 of the Bidding Document.	Considering the long lead time of the above-mentioned manufacturers which may adversely affect the overall project completion schedule, would it be acceptable if the Control, Protection & SAS Panel is manufactured locally in Bangladesh?	Please follow the tender document.	N

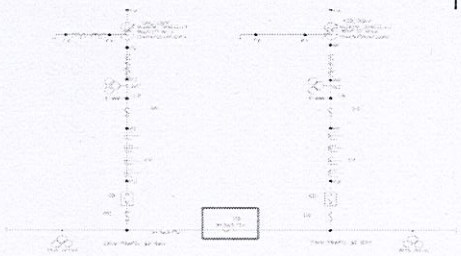
Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

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Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
53	Voulme 2 of 3 SS	Section 5: Protection, Metering and Control Including Substation Automation	5.1.1.4 During the design and execution stage, the contractor shall submit the GTP of the panel (annexure 1) for approval and must also adhere to the employer's requirements for manufacturing all panels as per annexure 2.1 and annexure 2.2.	The mentioned annexures are not found/missing. Kindly share the same.	Inadvertently, those Annexures regarding Panel GTP and the manufacturer's requirement were not included with the bidding document, which are now attached to the Addendum-1. Please refer to **Addendum-1.**	Y
54	Voulme 2 of 3 SS	SLD single line diagram		We believe 33kV line feedersis not in P2 scope of work. Please confirm.	Your Understanding is correct.	N
55	BOQ,Volume 2 of 3 _SS PTSIREP P2			In the single line diagram of the Madhabpur substation and Monohardi substation, the 33kV busbar is a single busbar with sections. That is, the busbar is equipped with a disconnector. However, this disconnector is not reflected in the bidding documents and BOQ.Please clarify whether this disconnector is necessary.As per the following picture. 	Yes, necessary. It is included in the Price schedule item no 1D.2.6 and 2D.2.6	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

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(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
56	Voulme 2 of 3 SS	Section 5: Protection, Metering and Control Including Substation Automation	5.9 Overhead Line Protection 5.9.1 400kV, 230kV and 132 kV Transmission Line Protection Protective devices for Main 1 and Main 2 overhead line protection are shown on Bid Drawing. These devices shall comply with the following. For 400KV transmission lines two sets of line differential relays shall be proposed which must be matched with the remote ends if necessary, remote end relays shall be also included in the scope of supply with necessary communication equipment. 5.9.1.1 Main 1 and Main 2 protection of 230 kV & 132KV line shall be of Line differential protection with back-up distance protection for short length or if the remote end already has line differential relay.	1. Here, it is only specified that the 400kV line remote end relays need to be considered within the supply scope of this project. However, the current tender documents do not include any 400kV lines. Please confirm that this project does not involve the modification of protection devices at the opposite(remote end) substation, and only the communication equipment modification falls within the scope of work for this project. 2. If the protection systems at the opposite(remote end) substation of the 230kV and 132kV lines require modification, please specify which substations need to be modification and the current SCADA system brands used in these substations. 3. If we don't need to provide relay protection devices for the opposite(remote end) station and only need to match their devices, then please provide the brands and models of all differential protection devices for the opposite(remote end) stations of the 230kV and 132kV lines.	1. Not included in this scope. 2. Bidder shall visit site and collect data. 3. Among all Remote end stations only Sripur Grid Substation has differential protection devices.	N
57	Voulme 2 of 3 SS			Please provide the short-circuit impedance of the EARTHING/AUXILIARY TRANSFORMERS.	Transformer design, manufacture, supply, installation, testing & commissioning is under scope of Contractor. The Manufacture shall design and provide the data which need to be approved by the employer during execution if awarded.	N
58	Voulme 2 of 3 SS			Two sets of 230kV Busbar protection shall be provided in TS documents, but only one set of 230kV Busbar protection is provided in drawings. Please confirm.	One set of 230kV Busbar protection shall be provided as per price schedule.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
59	Volume 2 of 3 _SS PTSIREP P2			The tender document indicates that the busbars of all voltage levels are to be made of tubular busbars. However, the electrical general layout shows that the busbars are made of flexible conductors. Please clarify the material and type of the busbars for each voltage level.	Bidder shall consider flexible conductors only. For necessary correction, please refer to Addendum-1.	Y
60	Voulme 2 of 3 SS			Remote control BCUs shall be provided for 33kV OUTGOING FEEDERS. We believe 33kV Outgoing feeders is not part of scope of work. So 33kV outgoing feeder AIS equipments and protection relays is not in the scope of work. Please confirm.	Yes, confirmed.	N
61	Voulme 2 of 3 SS	Vol-2 Section-4 Page No. 4/18-4.7.2	Some of the above mentioned make, viz., MR Germany and Hitachi Sweden make OLTCs are already existed in PGCB's System and their performance is proven. Hence, if the bidder choose to propose OLTCs from other manufacturers, the proposed manufacturer shall have at least thirty (30) years of manufacturing experience of OLTC prior to the date of bid submission with minimum delivery of at least one hundred (100) nos. of similar or higher rating Vacuum type OLTCs over the last ten years outside the manufacturer's own country and the OLTCs similar to or higher rating of the proposed type shall have complete type test report as per relevant IEC standard (IEC 60214-1) from any independent/STL testing laboratory. The bidders shall have to submit relevant documents with their bids	Could we understand that "at least one hundred (100) nos. of similar or higher rating Vacuum type OLTCs over the last ten years outside the manufacturer's own country" the higher rating is for voltage requirement.	The higher rating is for voltage and current requirement i.e higher rating of transformer. However, bidders are requested to propose Tap changer from listed manufacturer for reliabilty and consistency with existing equipment.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
62	Voulme 2 of 3 SS	Volume-2 (SS Part)/Section-11/11.3.3	The entire surface within boundary walls shall be of uniform sloping site, sloping at 1 in 150 minimum slope to open channels around the entire perimeter.	As a slope of 1 in 150 for all pipelines is practically very difficult to achieve, the bidder proposes a slope of 1 in 500 for the surface drain and 1 in 300 for the switchyard drainage pipe. Please confirm.	The slope of finished ground level shall be of minimum 1 in 150. And the slope of surface drain and drainage pipe will be determined depending on the self cleansing velocity.	N
63	Voulme 2 of 3 SS	Vol-2 Section-4 Page No. 4/18-4.7.2	The OLTC shall be of Vacuum type.....Current making and breaking switches associated with the tap selectors or otherwise where combined with tap selectors shall be contained in a tank in which the head of oil is maintained by means completely independent of that on the transformer itself. Details of maintaining oil separation, oil levels, detection of oil surges and provision of alarm or trip contacts will be dependent on the design of tap-changer and be to the approval of the Engineer.	As per Technical Specification 4.7.2 requires vacuum-type OLTC and an online oil filtering device. Vacuum-type OLTCs are not compatible with online oil filters. We do not propose the online oil filtering device.	For vacuum-type OLTC Online oil filtering device is not required	N
64	Voulme 2 of 3 SS	VOL 2, SECTION 4 POWER TRANSFORMERS		Please clarify the corrosion protection level (or distance from the sea).	Bidders are requested to verify the distance of site from sea by themself and the manufacturer shall design the Transformer in such way to protect from corrosion throught the life of the transformer..	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
65	Voulme 2 of 3 SS	VOL 2, SECTION 4 POWER TRANSFORMERS, Page No. 4/9-4.4.3	The tertiary winding of auto transformer shall be adequately rated for the specified load and its average and hot spot winding gradients at the specified load shall not exceed the specified temperature rise for winding average and winding hot spot when added to the mean oil and top oil temperature rises measured during the temperature rise test on the HV and LV temperature rise tests.	Is the temperature rise test required only for the ONAN stage or for both ONAN/ONAF stages?	The temperature rise test required for both ONAN/ONAF stages.	N
66	Voulme 2 of 3 SS	Section -18/ Drawing/Overall Layout	There is no site measurement in the overall layout of all new substations.	Please provide the layout with the actual site measurement and coordinates of each corner.	Provided layout is indicative and tender purpose only. Approximate substation area is 10 Acres and approximate dimensions are 200mx200m. However, the shape of land may change which will be finalized during execution	N
67	Voulme 2 of 3 SS	Section -18/ Drawing	Drawing of Car port with Solar Panel.	The bidder understands that the car port roofing should be installed by the solar panel, and the non-metal sheet will be installed on the side only. No non-metal sheet will be installed on the roof. Please confirm our understanding.	Your understanding is correct. But bidder will take necessary measure to make the roof watertight. Detailed drawing will be finalized during execution.	N
68	Voulme 2 of 3 SS	VOL 2, SECTION 4 POWER TRANSFORMERS, Page No. 4/23-4.7.6	Off-Load Tap Changers	In this tender mention both On load tap changer and off load tap changer. Please confirm us, do we need to consider both or one need to consider	Off-Load Tap Changer is not required for Power Transformer.	N

Power Grid Bangladesh PLC
Clarification No.01, Date October 27, 2025
Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).
(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)
Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
69	Voulme 2 of 3 SS	VOL 2, SECTION 4 POWER TRANSFORMERS, Page No. 4/26-4.9.3	Cable Boxes	Please confirm, transformer bushing will be connected with cable or cable box, as per technical specification 4.9.3	Please read the bidding document carefully. It shall be as per bid requirement.	N
70	Volume 3 of 3 SS	SCHEDULE A - INTRODUCTION & PREAMBLE TO THE PRICE & TECHNICAL SCHEDULES / 4. O & M training for new substations	The Contract Price shall include all costs of factory acceptance tests at the manufacturers' works and the instruction of staff on site for the following: 1. Transformers 2. Circuit Breaker 3. Disconnector 4. Instrument Transformer (PT) 5. Instrument Transformer (CT) 6. Lightning Arrester 7. Control, protection & SAS 8. DC system 9. Communication The Contractor shall have to submit the Schedule and factory acceptance test format of each stated above and take approval from the Employer prior 3 months before conducting each factory acceptance test.	Please share the details of FAT like how many engineers will go for FAT, for how many days, etc. As per GCC Clause 23.2, the Employer shall bear all costs and expenses incurred in connection with such attendance during the Factory Acceptance Test (FAT), including but not limited to travel, board, and lodging expenses, as well as daily allowance for the Employer's representative. Kindly reconfirm our understanding.	Your understanding is right. However, no. of engineers and no. of days for FAT shall be finalized during execution.	N
71	Volume 3 of 3 SS	SCHEDULE A - INTRODUCTION & PREAMBLE TO THE PRICE & TECHNICAL SCHEDULES / 4. O & M training for new substations	In "Schedule B4.2: Installation and Other Services" of the Price Schedule, costs of Local O&M Training are given as a provisional sum	We could not find any provisional sum amount for Local O&M Training in the Price Schedule. Kindly verify and confirm.	For necessary correction, please refer to Addendum-1.	Y

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
72	Volume 3 of 3 SS	GTP / 1.1.4 33KV CIRCUIT BREAKERS and Volume 3 (SS) / Schedule A - REQUIREMENTS	GTP - 1.1.4 33KV CIRCUIT BREAKERS 1.7 Isolating and quenching medium - Vacuum 1D2.1 Two (2) sets of 36kV, 2500A, 31.5kA/1 sec, 50Hz, 170kVp BIL, SF6/vacuum circuit breakers with spring-stored energy operating mechanism 2D2.1 Two (2) sets of 36kV, 2500A, 31.5kA/1 sec, 50Hz, 170kVp BIL, SF6/vacuum circuit breakers with spring-stored energy operating mech	In Volume 3, Schedule A - requirements, Item No. 1D2.1 and 2D2.1 it is mentioned that for 36kV Circuit Breaker Isolating and quenching medium is SF6/Vacuum but in GTP of 33kV Circuit Breaker the Isolating and quenching medium is Vacuum. We are requesting to accept SF6/Vacuum. Kindly confirm.	Yes, SF6 and Vacuum both are acceptable. For necessary correction, please refer to Addendum-1.	Y
73	Volume 3 of 3 SS	GTP / 1.1.4 33KV CIRCUIT BREAKERS / Sl No. 3.2.12	1.1.4 33KV CIRCUIT BREAKERS 3.2.12 - Minimum number of available contacts (NO/NC/V) - 6NO+6NC+1V	In the GTP of 33KV CIRCUIT BREAKERS, the requirement of Minimum number of available contacts (NO/NC/V) is given as 6NO+6NC+1V. However, due to recent technology advancements, most leading manufacturers no longer provide this configuration. Therefore, we respectfully request to revise the requirement to 6NO + 6NC. Kindly confirm.	Confirmed. For necessary correction, please refer to Addendum-1.	Y

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
74	Volume 3 of 3 SS	GTP / 1.2.4 33KV DISCONNECTORS and Volume 3 (SS) / Schedule A - REQUIREMENTS	GTP - 1.2.4 33KV DISCONNECTORS 1.10 - Type of operating mechanism - Hand operated/Motorized Schedule A - Requirements 1D1.2 Two (2) sets of 36kV, 800A, 31.5 kA/1 sec, 50Hz, 170kVp BIL, single vertical break, post type, motor operated disconnectors. 1D1.3 Two (2) sets of 36kV, 800A, 31.5 kA/1 sec, 50Hz, 170kVp BIL, single vertical break, post type, motor operated disconnectors with motor-operated earthing switch. 1D2.2 Two (2) sets of 36kV, 2500A, 31.5kA/1 sec, 50Hz, 170kVp BIL, single vertical break, post type, motor operated disconnectors. 1D2.3 Two (2) sets of 36kV, 2500A, 31.5kA/1 sec, 50Hz, 170kVp BIL, single vertical break, post type, motor operated disconnectors with motor-operated earthing switch. 2D1.2 Two (2) sets of 36kV, 800A, 31.5 kA/1 sec, 50Hz, 170kVp BIL, single vertical break, post type, motor operated disconnectors. 2D1.3 Two (2) sets of 36kV, 800A, 31.5 kA/1 sec, 50Hz, 170kVp BIL, single vertical break, post type, motor operated disconnectors with motor operated earthing switch. 2D2.2 Two (2) sets of 36kV, 2500A, 31.5kA/1 sec, 50Hz, 1 70kVp BIL, single vertical break, post type, motor operated disconnectors. 2D2.3 Two (2) sets of 36kV, 2500A, 31.5kA/1 sec, 50Hz, 170kVp BIL, single vertical break, post type, motor operated disconnectors with motor-operated earthing switch	In the GTP of 33kV Disconnectors the requirement of operating mechanism is given as Hand operated/Motorized but in Volume 3 (SS), Schedule A - Requirements all the 33kV Disconnectors are mentioned as motor operated. Please clarify which one should we follow.	The requirement of operating mechanism mentioned in GTP is not correct. The applicable operating mechanism is motor operated as per Schedule A of Volume 3 (SS). For necessary correction, please refer to Addendum-1.	Y

Sujana Sabrin Asad

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
75	Volume 3 of 3 SS	GTP / 1.3.4 36KV CURRENT TRANSFORMER (For 120MVA Tr. Bay) and 1.3.5 36kV Current Transformer (For Earthing Transformer)	1.3.4 36KV CURRENT TRANSFORMER (For 120MVA Tr. Bay) Sl no. 1.5 -Country of Origin - EU/UK/USA/Japan/Turkey 1.3.5 36kV Current Transformer (For Earthing Transformer) Sl no. 1.5 -Country of Origin - EU/UK/USA/Japan/Turkey	In the GTP of 36 kV Current Transformer, the country of origin is restricted to EU/UK/USA/Japan/Turkey. This restriction significantly limits competition. There are many reputed manufacturers from other countries who produce high-quality Current Transformers meeting PGCB requirements and whose products are already performing satisfactorily in the PGCB system. Therefore, we humbly request that the requirement for country of origin be made open, similar to the provisions applied for other voltage classes.	For necessary correction, please refer to Addendum-1.	Y
76	Volume 3 of 3 SS	GTP / 1.3.5 36kV Current Transformer (For Earthing Transformer)	1.3.5 36kV Current Transformer (For Earthing Transformer) 1.8 - installation type - Outdoor 1.8 - Installation type - Indoor (For Cox's Bazar grid)	In the GTP of 36kV Current Transformer (For Earthing Transformer) the requirement of Installation type is given as Indoor (For Cox's Bazar grid). Cox's Bazar grid is not under the scope of this tender. Requesting you to recheck this value clarify the installation type of CT.	For necessary correction, please refer to Addendum-1.	Y

Sijara

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
77	Volume 3 of 3 SS	GTP / 1.3.5 36kV Current Transformer (For Earthing Transformer) and Volume 3 (SS) / Schedule A - REQUIREMENTS	GTP - 1.3.5 36kV Current Transformer (For Earthing Transformer) 2.41 - Rated Transformer ratio: Core-I - A/A - 10/1 Core-II - A/A - 200/1 CoreIII - A/A - 600/1 In Schedule A - Requirement 1D1.7 Six (6) nos. of 36kV, 31.5 kA/1 sec, 50Hz, 170kVp BIL, post type current transformer and 2D1.7 Six (6) nos. of 36kV, 31.5 kA/1 sec, 50Hz, 170kVp BIL, post type current transformer -100/1A, Class 0.2S, 10VA for Metering 1 & Metering 2 - 800/1, class 5P20, 30VA for protection - 800/1, class 5P20, 30VA for protection - 800/1, class 5P20, 30VA for protection	There appears to be a miss match between the Guaranteed Technical Particulars (GTP) and Schedule A with respect to the rated transformer ratio of the 36kV Current Transformer (for the Earthing Transformer). Kindly confirm the correct specification to be followed. Please note that, based on our previous experience, the 10/1A ratio is generally not achievable, as it is too small for the rated ratio design—particularly when combined with other higher ratio cores such as 200/1A and 600/1A.	The CT Ratio mentioned in GTP is not correct. The CT Ratio mentioned in Schedule A of Volume 3 (SS) is appropriate. For necessary correction, please refer to Addendum-1.	Y
78	Volume 3 of 3 SS	GTP / 3.1 - 33 KV XLPE POWER CABLES	3.1 - 33 KV XLPE POWER CABLES Nominal Current A ≥ 2000	As per the observation of our cable manufacturer for 33kV XLPE power cable, it is not technically feasible to achieve a nominal current of 2000 A or higher with a single-core cable. Therefore, we request you to change the requirement and keep "insert" as requirement so that the bidder can select the quantity of cable (run/phase) as per the design requirement.	For necessary correction, please refer to Addendum-1.	Y

Power Grid Bangladesh PLC

Clarification No.01, Date: October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

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Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
79	Volume 3 of 3 SS	GTP / 3.1 - 33 KV XLPE POWER CABLES	3.1 - 33 KV XLPE POWER CABLES Type of curing (dry) - Dry Curing (VCV)	Both CCV (Catenary Continuous Vulcanization) and VCV (Vertical Continuous Vulcanization) are internationally accepted and proven technologies for manufacturing XLPE-insulated power cables. When produced under proper quality control, both processes meet relevant IEC standards and ensure reliable performance. To promote fair competition and avoid limiting qualified manufacturers, the bidder requests acceptance of both CCV and VCV processes, provided that the cables comply with all specified type tests and performance requirements.	For necessary correction, please refer to Addendum-1.	Y
80	Volume 3 of 3 SS	GTP / 4.1 110 V BATTERIES & 4.2 48 V BATTERIES	PART-B: (Manufacturer Information) Overall compliance with detail specification described in other PARTS & existing Charger Module specification - Yes	The existing Charger Module Specification is not provided in the tender documents. Kindly share the detailed specification of the existing Charger Module. Additionally, since new sets of batteries and battery chargers are being supplied under this contract, please clarify whether compliance with the existing Charger Module specification is still required.	For necessary correction, please refer to Addendum-1.	Y
81	Volume 3 of 3 SS	GTP / For 5 kW, Grid Tied Solar System with Net Metering and Price Schedule and Volume 3 (SS) / Schedule A - REQUIREMENTS	In GTP - For 5 kW, Grid Tied Solar System with Net Metering In Price Schedule - Complete grid tied net-metering Solar system (20KW AC output) with inverter & changeover facilities including other accessories.	In Price Schedule and Shedule A- Requirements of section 3 (SS) it is mentiontioned grid tied net-metering Solar system (20KW AC output) but in GTP the requirement is for 5 KW Grid Tied Solar System with Net Metering. please clarify which one should be followed.	Attached GTP of 5KW solar system rating is reference only. However bidders are requested to follow the format of attached GTP and submit the GTP of 20KW (AC output) solar system from manufacturer.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
82	Volume 3 of 3 SS	GTP / 4.1 110 V BATTERIES and 4.2 48 V BATTERIES and Volume 3 (SS) / Schedule A - REQUIREMENTS	In GTP of 110 V BATTERIES and 48 V BATTERIES Type of cell - Nickel Cadmium (NiCd) Schedule A - REQUIREMENTS 1I1 and 2I1 - Batteries, Chargers and DC Distribution 110V substation alkaline batteries complete with chargers and distribution switchboard to be supplied, installed and commissioned to provide all DC supplies to equipment being supplied.	In GTP of Battery, the requirement for Type of Cell in mentioned as Nickel Cadmium (NiCd) but in Schedule A - REQUIREMENTS it is mentioned as alkaline batteries. Please clarify which specification shall be followed.	Type of Cell mentioned as Nickel Cadmium (NiCd) in GTP is correct. For necessary correction, please refer to Addendum-1.	Y
83	Volume 3 of 3 SS	GTP, Clause 1.2,	In the GTP minimum requirements table, some parameters are not mentioned for DISCONNECTORS AND EARTHING SWITCHES, CURRENT TRANSFORMERS, CAPACITIVE VOLTAGE TRANSFORMERS, and SURGE ARRESTERS.	Please provide the minimum requirements data & revised the GTP accordingly	Please refer Schedule A of Volume 3 and International Standards.	N
84	Volume 3 of 3 SS	Schedule A (Requirements)-SS Part, Line Item: 1D2.7, 2D2.7 and Volume 3 of 3, GTP (1.3.4. 36KV CURRENT TRANSFORMER (For 120MVA Tr. Bay)), Line Item: 2.14	For Madhabpur and Monohardi substations, the 33 kV CT (for earthing transformer) rated primary current is 800 A as per Schedule A, but in GTP the primary current is mentioned as 600 A.	Please confirm the rated primary current rating & revised the GTP accordingly, if required.	The rated primary current mentioned in GTP is not correct. The applicable current rating is 800A as per Schedule A of Volume 3 (SS). For necessary correction, please refer to Addendum-1.	Y

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
85	Volume 3 of 3 SS	Schedule A (Requirements)-SS Part, Line Item: 1D1.7, 2D1.7 and Volume 3 of 3, GTP (1.3.5. 36KV CURRENT TRANSFORMER (For Earthing Transformer)), Line Item: 2.14	For Madhabpur and Monohardi substations, the 33 kV CT (for earthing transformer) core quantity is mentioned as 4 nos. & rated transformer ratios are 100/1,800/1,800/1,800/1 as per Schedule A, but in GTP the core quantity is mentioned as 3 nos. & rated transformer ratios are 10/1,200/1,600/1.	Please confirm the 33 kV CT core quantity & rated transformer ratio & revise the GTP accordingly if required.	The core quantity and CT ratio in GTP is not correct. The core quantity and CT ratio mentioned in Schedule A of volume 3 (SS) is appropriate. For necessary correction, please refer to Addendum-1.	Y
86	Volume 3 of 3 SS	Schedule A (Requirements)-SS Part, Line Item: 1B12, 2B12 and Volume 3 of 3, GTP (1.5.2. 245KV Surge Arrester), Line Item: 6	For Madhabpur and Monohardi substations, the 245 kV surge arrester rated voltage is 198 kV as per Schedule A, but in GTP the rated voltage is mentioned as 196 kV.	Please confirm the 245 kV surge arrester rated voltage & revised the GTP accordingly if required.	The rated voltage in GTP is not correct. The rated voltage mentioned in Schedule A of volume 3 (SS) is appropriate. For necessary correction, please refer to Addendum-1.	Y

Power Grid Bangladesh PLC

Clarification No.01, Date: October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
87	Volume 3 of 3 SS	Schedule A (Requirements)-SS Part, Line Item: 1D1.6, 2D1.6 and Volume 3 of 3, GTP (3.1. 33 KV XLPE POWER CABLES)	As per Schedule A (Requirements), 33 kV, 300 sq. mm XLPE power cable is required for connection between the tertiary side (33 kV) of the auto transformer and the auxiliary transformer.	As per GTP, 33 kV, 300 sq. mm power cable current rating must be ≥ 2000 A, but 33 kV 1-core 300 sq. mm cable can't carry 2000 A current. Also, the tertiary side (33 kV) side current rating is around 10 amp, considering the auxiliary transformer rating. Bidder understanding is that 33kV power cable current rating need to revise in the GTP or If 2000Amp current need to consider then multiple Run 1-core 33kV 300 sq.mm need to use. Please clarify which one to consider, and if required, please revise the GTP of the 33 kV power cable.	For necessary correction, please refer to Addendum-1.	Y
88	Volume 3 of 3 SS	Schedule A (Description of works)-SS Part, MADHABPUR 230/132/33 kV AIS Substation and Volume 2 of 3, Drawings-SS Part, MADHABPUR 230/132/33 kV AIS Substation Layout	New 230kV AIS switchyard for four 230kV line bays to connect Line in-out of existing 230kV Cumilla(N)-Shahjibazar double circuit overhead line (Cumilla (N) 1 & 2 and Shahjibazar 1 & 2); Three 230kV transformer bays for HV side of three 230/132/33kV transformer; one 230kV bus-coupler bay; space shall be kept for future extension of three (3) 230kV overhead line bays. New 132kV AIS switchyard for four 132kV line bays to connect Shahjibazar-Brahmanbaria 132kV double circuit overhead line ((Shahjibajar 1 & 2 and Brahmanbaria 1 & 2);); Three 132kV transformer bays for LV side of two 230/132kV transformer; two 132kV transformer bays for HV side of two 132/33kV transformer; one 132kV bus-coupler bay; space for future extension of three overhead 132kV line bays.	As per scope of works, space for future extension of three overhead 230kV line bays & three overhead 132kV line bays need to kept. But in overall layout complete gantry & bus arrangement is shown for current scope & future scope. Please confirm whether only free space need to kept for future line bays or gantry & bus arrangement need to consider for future line bays also.	Necessary Gantry column, beam with Bus escaleton and earth mat shall be considered for future bays without equipment. For necessary correction, please refer to Addendum-1.	Y

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
89	Volume 3 of 3 SS	Schedule A (Description of works)-SS Part, 132 kV AIS Bay Extension at Bajitpur and Volume 2 of 3, Drawings-SS Part, Bajitpur 132/33 kV AIS Substation Layout	The scope of work under this turnkey Bid is design, supply, delivery, installation, testing & commissioning of outdoor type AIS substation of 132KV switchyard extension with two 132KV Bay. (Monohardi 1 & 2)	As per the scope of work, two 132 kV line bay extensions are needed. But in the marked overall layout, the complete gantry & bus arrangement is shown for two line bays & one transformer bay, which is in between two line bays. Please confirm whether two line bays can be considered adjacent to each other or one future transformer bay is considered to be in between two line bays.	One future transformer bay is considered to be in between two line bays.	N
90	Volume 3 of 3 SS	Vol -3, Schedule E, Page no. SE90	Standards	Are the requirements of Parameter Table Item 1.5 considered: NEMA TR-1 (Transformer Noise Standard), CENELEC EN 50216, BS, BS EN standards?	As per bidding documents.	N
91	Volume 3 of 3 SS	Technical Particular & Guarantee 3.1.1 2.1.5 and Vol -3, Schedule E, Page no. SE 91 & SE104	For 230kV Transformer: HV - MV, on the basis of rated power with on- load tap changer in middle position is 13 ±10 % For 132kV Transformer: At 120MVA base, HV-LV 12% ±10%	For the 230kV auto-transformer, the HV-MV impedance is 13% ±10%, and for the 132kV transformer, the HV-LV impedance is 12% ±10%, Please confirm, our standing is correct or not	As per bidding documents.	N
92	Volume 3 of 3 SS	Technical Particular & Guarantee 5.1.2	Vol -3, Schedule E, Page no. SE 94, For HV Bushing Class 420kV	For 230kV transformer HV bushing normally required 245kV class, but here mention 420kV, Should this be complied with?	Please refer to addendum no. 1	Y
93	Volume 3 of 3 SS			Please confirm whether the earthing switche are installed on the disconnectors of 230kV and 132kV bus coupler at the two new substations.	Yes, both sides DS shall be with E/S for Bus coupler CB.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

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(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
94	Volume 3 of 3 SS	Section III 132 kV Bay extension at Bajitpur 132/33kV AIS Substation/3K/ Civil Works, Building and Foundation	3K1 : Land development of complete switchyard area by cutting, land filling, compacting up to a suitable level including slope protection. 3K2 : One (1) lot of complete design, supply and construction of all civil items required for the outdoor works suitable for switchyard gantry & equipment foundations, transformer foundations, blast walls, oil pit, entrance & internal roads, cable trenches, septic tank, surfacing, drainage, fences, guard house, boundary wall , gravel laying, sentry post, ansar barac etc.	Based on our site visit and review of the price schedule, there is no requirement for site development, transformer foundations, blast walls, an oil pit, entrance and internal roads, a septic tank, drainage, fences, a boundary wall; a sentry post, or an Ansar barrack, etc. Please confirm our understanding.	Your understanding is correct.	N
95	Volume 3 of 3 SS	Schedule A (Requirements)-SS Part, Section I,II,III	As per schedule A, all 230 kV, 132 kV, & 33 kV voltage transformer accuracy class values are mentioned as 5P20, which is not feasible for voltage transformers. Also in the GTP minimum requirements table, no accuracy class parameter is mentioned.	Please confirm the accuracy class of all voltage transformer and provide the revised schedule-A accordingly.	For necessary correction, please refer to Addendum-1.	Y
96	General		Factory Acceptance Test and Foreign Training - Transmission Line	Please confirm whether FAT and Foreign Training is required for Transmission line equipment or not. If required, then please mention for which equipment FAT and Foreign Training is required. Please share the details of FAT and Foreign Training like how many engineers will go for FAT and Foreign Training, for how many days, daily allowance of each engineer etc. Also, confirm whether the local training for the transmission line equipment is required or not. If required, please provide details.	please follow the bidding documents.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
97	General	River morphological study.		Is there any necessity for river morphological study for transmission lines? Please clarify.	Might be required for river crossing tower foundation. Cost of the morphological study deemed to be included in foundation.	N
98	Transformer fire-fighting		Pump house	Is there any necessity for a pump house for transformer fire-fighting? Please clarify.	Yes	N
99		132kV Monohordi to Bajitpur transmission line route plan and Volume 2 of 3, Drawings-SS Part, Bajitpur 132/33 kV AIS Substation Layout	As per 132kV transmission line route plan, the line in position at 132/33kV Bajitpur substation is contradict with overall layout plan. 132kV transmission line termination point shown in the route plan is in between control room & 33kV switchyard which is completely opposite side of 132kV line in position as per overall layout plan.	Please provide the revised 132kV transmission line route plan in line with the substation overall layout. And please confirm with us that if additional 132kV towers are needed beyond the price schedule mentioned quantity to connect the transmission line to the substation, the price variation will be provided or not.	Provided route is tentative which shall be used for tendering purpose only. Route shall be finalized during execution of project. As per final route Bill of Quantity (BoQ) will be determined and payment will be done accordingly.	N
100		integrated into existing SAS	bay extension at Bajitpur 132/33kV grid substation	Please kindly provide existing 132kV Bus Protection Relay Type & model, SAS Type & model(ABB/SIEMENS or others)	Hitachi Energy (Former ABB), Switzerland.	N
101		\	\	What is the water source for this project ? the town's water supply is reliable or drill a deep well ?	Please refer to the clause no. 11.3.6. of volume 2 of 3 (Substation) of the bidding documrent	N
102		BOQ,Volume 2 of 3 _SS PTSIREP P2	\	The capacity of the earthing/auxiliary transformer stated in the tender document is 500 kVA, while the capacity of the earthing/auxiliary transformer in the Bill of Quantities is 300 kVA. Please clarify the capacity of the earthing/auxiliary transformer.	The capaxuty of Auxilary Transformers is 300 KVA as per Price Schedule. For necessary correction, please refer to **Addendum-1.**	Y

Power Grid Bangladesh PLC

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(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
103		Volume 3 of 3_SS PTSIREP P2	\	Please provide the short-circuit impedance of the 2300/132/33kV transformer.	Your question is not clear. Transformer design, manufacture, supply, installation, testing & commissioning is under scope of Contractor. The Manufacture shall design and provide the data which need to be approved by the employer during execution if awarded. However, an indicative range of short circuit impedence is included in the employer's requirement column of GTP.	N
104	2 of 3 TL		Annex 1.1 / Sec-1 Scope d (page 1-7)	"POWER GRID's existing designed towers shall be used. The Employer shall provide structural/erection drawings, available shop drawings and available bill of materials of all types of transmission line towers and their extensions as required to the Contractor after placement of award, in sequence, suiting the project requirement upon written request of the Contractor." • We understand that the subject Transmission Lines approved Tower and Foundation Design/ Drawings are available with M/s. Powergrid, and therefore, New Tower and Foundation Design will not be developed. Kindly confirm.	New Tower design is not required to be developed. However, if the Contractor needs to prepare any additional structural and shop drawings or make any correction of existing drawings, these have to be prepared by the Contractor without any additional cost. In such case, the Contractor has to submit relevant documents/drawings for approval of the Employer. Foundation design of tower is in the scope of bidder.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

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(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
105	Volume-2/SEC 03: HV SWITCHGEAR AND NEUTRAL EARTHING EQUIPMENT		3.4.5 HVAC Circuit-Breakers 3.4.5.6 Mandatory Maintenance Equipment The Bidder shall supply the following mandatory maintenance equipment. a) SF6 gas filtering, drying, storage, filling and evacuation plant. b) SF6 gas leak detector: c) Operational analyzer:	As per the above clause, the bidder is required to supply the listed mandatory maintenance equipment. However, the Price Schedule does not contain separate line items or specified quantities for these items for each substation. Kindly confirm whether the bidder is required to supply these items as per the Technical Specifications (TS), or only as per the items and quantities listed in the Price Schedule.	The bidder is not required to supply these items as not mentioned in the Price Schedule. For necessary correction, please refer to Addendum-1.	Y
106	Volume-3 / Schedule E: Technical Particulars		1.1.2 230KV CIRCUIT BREAKERS 14. Min. Rated continuous current (Ir) (f) Bus coupler/ sectionalizer/ Mid 4000	As per the Technical Particulars, the minimum rated continuous current for the Bus Coupler Bay Circuit Breaker is specified as 4000A. However, in the Price Schedule, the rating mentioned for the same bay is 3150A. Kindly confirm the applicable current rating for the Bus Coupler Bay Circuit Breaker and provide the relevant technical particulars to be considered for bid preparation.	The minimum rated continuous current for the Bus Coupler Bay Circuit Breaker mentioned in GTP is not correct. The applicable current rating is 3150A as per Price Schedule and Schedule A of Volume 3 (SS). For necessary correction, please refer to Addendum-1.	Y
107	Price Shedules-1B.14		Steel Structures for gantry and equipment supports	Kindly proivide Bill of Materialas & Drawings	The Contractor is responsible for design, supply and installation of those materials as per provided scope of works mentioned in the bid document to complete the Substation. Detail Bill of Materials shall be prepared by the Contractor and submit to Power Grid for approval during execution if awarded.	N

Power Grid Bangladesh PLC

Clarification No.01, Date: October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

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Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
108	Volume-3 / Volume-2 / Technical Specifications Price Schedule		Post Insulators for 230kV, 132kV, and 33kV AIS Switchyards	As per the scope described in Schedule A and the Technical Specifications, Bus Post Insulators / Support Insulators are required for the 230kV, 132kV, and 33kV AIS switchyards at Madhabpur, Monohardi, and Bajitpur. However, the Price Schedule does not contain separate line items or quantities for these insulators. Kindly confirm The quantity of Post Insulators required for each voltage level and substation.	Required Post Insulator (PI) is specified in the respective price schedule. Please refer to the Addendum-1.	Y
109	Volume-3 / Volume-2 / Technical Specifications Price Schedule		Creepage Distance	we understand tha Minimum creepage distancet of all Oudoor AIS Equipments of 230, 132KV are 25MM/KV and for 36KV Equipments 31 MM/kv- Kindly confirm	Yes, confirmed.	N
110	Volume-3 / Volume-2 / Technical Specifications Price Schedule		1.3.4 36KV CURRENT TRANSFORMER (For 120MVA Tr. Bay) 1.5 Country of Origin EU/UK/USA/ Japan/Turkey	Country of origin is specifically mentioned as USA/EU/UK/Jappan. We understand that there is no bound on country of origin for 33KV Current Transformer bidder may propose on our own please confirm	For necessary correction, please refer to Addendum-1.	Y

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
111	Vol-3/SCHEDULE A:INTRODUCTION & PREAMBLE TO THE PRICE & TECHNICAL SCHEDULES/		2E Power Transformers & Earthing/Auxiliary Transformers 2E3 Two (2) sets 33/0.415 kV, 500kVA three phase outdoor type earthing/auxiliary Zig-Zag transformers associated with Bushing & outdoor neutral CTs and steel support structures including all necessary connections.	in TS it is mentioned that 33/.4KV Auxilary transfoirmer is 500KVA but whereas in Price schedule it is 300KVA and in SLD its 500KVA kinldy confirm the capaxuty of Auxilary Trnansformers	The capaxuty of Auxilary Transformers is 300 KVA as per Price Schedule. For necessary correction, please refer to Addendum-1.	Y
112	Vol-3/SCHEDULE A:INTRODUCTION & PREAMBLE TO THE PRICE & TECHNICAL SCHEDULES/		Fire fighting sytem for 132/33KV Power Trnasfofemr	We understand that there is no fire figting system is envsaged for 132/33KV Power Transfmors please confirm	Yes, confirmed.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

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(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

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Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
113	Sch 1D Plant Outside SECTION I & SECTION II		1B 245 kV Air Insulated Switchgear 1B.8 Single phase current transformer,50kA/1s multicore for Transformer Bay 1B.9 Single phase current transformer,50kA/1s multicore for line bay 1B.10 Single phase current transformer,50kA/1s multicore for bus coupler bay 1B.11 Single phase capacitive voltage transformer (CVT), multi core 1C 145 kV Air Insulated Switchgear 1C.8 Single phase current transformer , 40kA/1s multi core for Transformer Bay 1C.9 Single phase current transformer , 40kA/1s for line bay 1C.10 Single phase current transformer , 40kA/1s for bus coupler bay	Please provide CT Ratio	Please refer to Schedule A of Volume 3 (SS) for CT Ratio.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

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Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
114	Sch 1D Plant Outside SECTION I & SECTION II		1B.14Steel Structures for gantry and equipment supports a) Gantry Column including nut & bolts b) Gantry beam at Main Bus & Jack-Bus height including nut & bolts c) Equipment support structures including nut & bolts i)Circuit Breaker ii)Disconnector without Earth Switch iii)Disconnector with Earth Switch iv)Bus Earth Switch v)Current Transformer vi)Capacitive Voltage Transformer vii)Surge Arrester viii)Wave Trap ix)Post type support insulators d) Cable tray including fitting, fixing accessories	Kinldy provide Bill of Materials & Structural Drawings	The Contractor is responsible for design, supply and installation of those materials as per provided scope of works mentioned in the bid document to complete the Substation. Detail Bill of Materials shall be prepared by the Contractor and submit to Power Grid for approival during execution if awarded.	N
115	Sch 1D Plant Outside SECTION I & SECTION II		1D.6 36kV Switches & connection 1D1.7 36kV Current transformer 1D.2.2 36kV Disconnector switch 1D.2.3 36kV Disconnector switch with ES 1D.2.4 36kV Inductive voltage transformer (IVT), 2 core 1D.2.7 36kV Current transformer	Kindly Provide Current Rating & CT Ratio for Current Transformers	Please refer to Schedule A of Volume 3 (SS) for Current Rating & CT Ratio.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
116	Sch 1D Plant Outside SECTION I & SECTION II		1G Multicore Cables 1G.1 Multicore Cables for control, protection, metering & power circuits i) LV Control Cable ii) LV Power Cable	Kindly clarify the following regarding item 1G.1 – Multicore Cables for control, protection, metering & power circuits: kindly provide the recommended cable sizes for LV control and LV power applications. Should spare cores be considered-please confirm	The Contractor is responsible for detail design, supply, installation, testing and commissioning of the facilities. Cable sizes for LV control and LV power applications shall be finalized during detail design for completing the Substation to functioning properly. At least 10% spare core shall be considered.	N
117	Vol-3/1J3 & 2J3		One (1) lot of Power Factor Correction Plant. PFI plant shall be designed as per attached drawing and capacity of PFI plant shall be not less than 2X40KVAR. (KVAR=2X16% of each Aux Transformer Capacity or KVAR=2X60% of connected load in each 415V bus including future load)	Kindly provide Technical Specification of Power Factor Correction Plant.	The contractor is responsible for preparing the detail specification with calculation for required PFI during execution based on the provided input and shall have to taken approval from employer. The bidders are required to assess by themself to quote price accordingly.	N

Sujan

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
118	Sch 1D Plant Outside		1L.1Lighting, small power, air conditioning and Ventilation and emergency DC lighting for control building and local control houses	Kinldy provide Technical specification	The contractor is responsible for detail design, supply, installation, testing & Commissioning of the complete facililties. The Contractor shall prepare the detail specification, Bill of material (BoM) with calculation for these items to complete the Substation works as per technical specification mentioned in the Volume-2 of the Bid document with good engineering practice and shall have to taken approval from the employer before purchase. The bidders are required to assess by themself to quote price accordingly.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
119	Sch 1D Plant Outside		Lighting for ouside building for security, roadway, switchyard, approach road	Kinldy provide Technical specification for Outdoor Ligting Fixtures & Lighting Poles & Junction Box,etc,	The contractor is responsible for detail design, supply, installation, testing & Commissioning of the complete facililties. The Contractor shall preparing the detail specification, Bill of material (BoM) with calculation for these items to complete the Substation works as per technical specification mentioned in the Volume-2 of the Bid document with good engineering practice and shall have to taken approval from the employer before purchase. The bidders are required to assess by themself to quote price accordingly.	N
120	Civil Works-General		Reinforcement Steel	we understand that type of reinforcement steel used for RCC works is of Fe500 Grade	Please refer to clause no. 11.3.26.	

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
121	1. Madhabpur 230/132/33kV AIS Substation 1.SLD No-PG/ADB/SLD.1 2.. Price schedule-1D Plant and Mandatory Spare Parts Supplied from Abroad-SS PTSIREP P2_SSD 3. Volume 3 of 3 _SS	PTSIREP P2_SCHEDULE A:INTRODUCTION & PREAMBLE TO THE PRICE & TECHNICAL SCHEDULES	230KV Bus Coupler Bay	1)In SLD the disconnector are mentioned without earth switch, while in technical data sheet and price schedule it's given with earth switch please review and confirm. Also ratings are not mentioned in sld. 2)In SLD the current transformer are mentioned 3 Nos(1 Set), while in technical data sheet and price schedule it's given 6 Nos(2 Sets) please review and confirm. Also equippment ratings are not mentioned in sld. 3)Auxiliary System Panel Make not provided. Same to be provided. 4)Sheild wire details not provided. Same to be provided. 5)Scada System Panel Make not provided. Same to be provided.	1) Please refer to price schedule and Schedule A of Volume 3 (SS), 2) Please refer to price schedule and Schedule A of Volume 3 (SS), 3) Your question is not clear. Please note that, This Contract will be in EPC nature. The Contractor shall have to propose all equipments based on the provided technical specification. If not available for any item, that shall have to be as per the international standard and as per Good engineering practice in compliance with standard rating. 4) Reply shall be same as (3) 5) Reply shall be same as (3)	N

Sujan

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
122	1. Madhabpur 230/132/33kV AIS Substation 1.SLD No-PG/ADB/SLD.1 2.. Price schedule-1D Plant and Mandatory Spare Parts Supplied from Abroad-SS PTSIREP P2_SSD 3. Volume 3 of 3 _SS PTSIREP P2_SCHEDULE A:INTRODUCTION & PREAMBLE TO THE		145KV Line & TRF	1)In SLD the disconnector with E/S are mentioned 6 sets, while in technical data sheet and price schedule it's given 9 sets please review and confirm. Also equippment ratings are not mentioned in sld. 2)Auxiliary System Panel Make not provided. Same to be provided. 3)Sheild wire details not provided. Same to be provided. 4)Scada System Panel Make not provided. Same to be provided.	Please refer to the reply of above query no 121.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
123	1. Madhabpur 230/132/33kV AIS Substation 1.SLD No-PG/ADB/SLD.1 2.. Price schedule-1D Plant and Mandatory Spare Parts Supplied from Abroad-SS PTSIREP P2_SSD 3. Volume 3 of 3 _SS PTSIREP P2_SCHEDULE A:INTRODUCTION & PREAMBLE TO THE		145KV Bus Coupler Bay	1) In SLD the current transformer are mentioned 3 Nos(1 Set), while in technical data sheet and price schedule it's given 6 Nos(2 Sets) please review and confirm. short circuit rating that is to be followed. Also equippment ratings are not mentioned in sld. 2)Auxiliary System Panel Make not provided. Same to be provided. 3)Sheild wire details not provided. Same to be provided. 4)Scada System Panel Make not provided. Same to be provided.	Please refer to the reply of above query no 121.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
124	Section 1 Scope of work		Plot location	1)Provide global plot coordinates. 2)Provide contour layout for the plot. 3)Provide soil investigation report for the plot. 4)Provide approach road length. 5)Confirm no underground services and overhead lines are passing through plot area. 6)Confirm no ground improvement is required for the plot area.	1) Bidding purpose layout has been provided with the bid document. Detail Global plot coordinates will be provided during execution of the contract if awarded. 2) Contour layout is not available. It is the responsibility of the Contractor to make a contour layout of the plot if awarded. 3)Soil investigation report is not available. It is the responsibility of the Contractor to conduct soil investigation report during execution if awarded. 4) Will be finalized during execution stage as per site condition. Bidders arte requested to visit the site and assess by themself to quote. 5) Bidders are requested to read the bid document carefully. Please refer to "clause 11.3.12 Site Clearance, Obstructions and Adjacent Structures" of volume -2 of 3 of Substation bid document. 6) Please refer to the clause no. 11.3.2 (e)	

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
125	Section 18 Drawings		Civil Standard drawings	1)Provide standard drawing for cable trench sections. 2)Provide standard drawing for drain sections. 3)Provide standard drawing for road crossings for cables and drain. 4)Provide standard drawing for rail cum road. 5)Provide elevational section drawing for Ansar barrack building.	Some schematic drawing have already been provided for preliminary assessment. The Contractor is responsible for detail design. Detailed drawing is in the scope of Contractor and will be finalized during execution stage.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
126	Monohardi 230/132/33kV AIS Substation 1.SLD No-PG/ADB/SLD.1&3 2.. Price schedule-1D Plant and Mandatory Spare Parts Supplied from Abroad-SS PTSIREP P2_SSD 3. Volume 3 of 3 _SS PTSIREP P2_SCHEDULE A:INTRODUCTION & PREAMBLE TO THE PRICE & TECHNICAL		230KV Bus Coupler Bay	1)In SLD the disconnector are mentioned without earth switch, while in technical data sheet and price schedule it's given with earth switch please review and confirm. Also equippment ratings are not mentioned in sld. 2)In SLD the current transformer are mentioned 3 Nos(1 Set), while in technical data sheet and price schedule it's given 6 Nos(2 Sets) please review and confirm. Also equippment ratings are not mentioned in sld. 3)Auxiliary System Panel Make not provided. Same to be provided. 4)Sheild wire details not provided. Same to be provided. 5)Scada System Panel Make not provided. Same to be provided.	Please refer to the reply of query no 121 above.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
127	Monohardi 230/132/33kV AIS Substation 1.SLD No-PG/ADB/SLD.1&3 2.. Price schedule-1D Plant and Mandatory Spare Parts Supplied from Abroad-SS PTSIREP P2_SSD 3. Volume 3 of 3 _SS	PTSIREP P2_SCHEDULE A:INTRODUCTION & PREAMBLE TO THE PRICE & TECHNICAL SCHEDULES	145KV Line & TRF	1)In SLD the disconnector with E/S are mentioned 4 sets, while in technical data sheet and price schedule it's given 6 sets please review and confirm.. Also equippment ratings are not mentioned in sld. 2)Auxiliary System Panel Make not provided. Same to be provided. 3)Sheild wire details not provided. Same to be provided. 4)Scada System Panel Make not provided. Same to be provided.	Please refer to the reply of query no 121 above.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
128	Monohardi 230/132/33kV AIS Substation 1.SLD No-PG/ADB/SLD.1&3 2.. Price schedule-1D Plant and Mandatory Spare Parts Supplied from Abroad-SS PTSIREP P2_SSD 3. Volume 3 of 3 _SS PTSIREP P2_SCHEDULE A:INTRODUCTION & PREAMBLE TO THE PRICE & TECHNICAL		145KV Bus Coupler Bay	1)In SLD the current transformer are mentioned 3 Nos(1 Set), while in technical data sheet and price schedule it's given 6 Nos(2 Sets) please review and confirm. Also equippment ratings are not mentioned in sld. 2)Auxiliary System Panel Make not provided. Same to be provided. 3)Sheild wire details not provided. Same to be provided. 4)Scada System Panel Make not provided. Same to be provided.	Please refer to the reply of query no 121 above.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
129		Bajitpur 132/33kV Substation (Extension) 1.SLD No-3320/PGCB/KfW/BMZ/2.1/BAZITPUR/SLD/E01 & 3320/PGCB/KfW/BMZ/2.1/B 2.. Price schedule-2D Plant and Mandatory Spare Parts Supplied from within the Employer's Country-SS PTSIREP P2_SSD 3. Volume 3 of 3 _SS PTSIREP P2_SCHEDULE A:INTRODUCTION & PREAMBLE TO THE PRICE & TECHNICAL SCHEDULES	145KV Line Bay	1)In the SLD, four line bays are shown (Ashuganj 1 & 2 and Kishorganj 1 & 2). However, as per the current scope, there are only two line bays to be connected to Monohardi 1 & 2, which are not reflected in the drawing. Kindly review and confirm. 2)Existing earthing layout & Cable Trench layout not provided. Same to be provided. 3)Existing Architectural drawings/design not provided. Same to be provided. 4)AC and DC Auxiliary System SLDs with details of spare feeders available are not provided. Same to be provided. 5)PLCC Scada & Shield wire & Auxiliary panel make details not provided. Same to be provided.	1) Only 132kV Monohordi 1 & 2 line bays are under scope of this Contract. Existing approve SLD attached here for understanding. In the attached SLD, Bay 9 & 10 mentioned are in this scope. 2,3,4) Bidder are requested to visit the site to collect data and to assess by themself for a clear understanding. Existing drawing shall be provided during execution if awarded and if available at the site. 5) This is an EPC Contract. Bidders are requested to read carefully whole bid document and to propose equipment accordingly. If specification of any particular item is not available that shall be provided as per international standard and as per good engineering practice.	N

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Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
130		Bajitpur 132/33kV Substation (Extension) Section 1 Scope of work	Plot location	1)Confirm extension area is levelled and surfaced. Provide existing surfacing layout. 2)Provide soil investigation report for the plot. 3)Provide foundation layout of existing switchyard along with FGL to be maintained and foundation drawings of surrounding extension area. 4)Confirm no underground services are passing through extension area.	1) Leveling and surfacing is under scope of this contract and the price shall be deemed to be included in the overall contract price. 2) Soil investigation report is not available at this moment. It is the contractor's responsibility to conduct soil investigation if awarded during execution. 3, 4) Bidders are requested to read carefully the bid document and also to visit the site for clear understanding.	
131		Bajitpur 132/33kV Substation (Extension) Section 18 Drawings	Civil Standard drawings	1)Provide drawing for existing cable trench sections. 2)Provide drawing for existing drain sections. 3)Provide drawing for existing road crossings for cables and drain. 4)Provide drawing for existing for rail cum road.	Some schematic drawing have already been provided for preliminary assessment. Detailed drawing is in the scope of contractor and will be finalized during execution stage if awarded.	N
132			Bajitpur 132/33kV Substation (Extension)	We understand that 1) space are available for the placement/installation of New Control & Relay Panels in Exisitng Control Room Building /SPR 2) Sufficient No of Spare feeders are avialable in LV AC & DC Panels to accommodate propsed bays requirement.	1) Space is available for New CRP Panel for new two bays under this contract. However, bidders are requested to visit the site for clear understanding for any othger modification required to install panels. 2) Bidders are requested to visit the site and to collect data accordinbgly.	N

Power Grid Bangladesh PLC

Clarification No.01, Date October 27, 2025

Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 230kV and 132kV Transmission Lines on turnkey basis (Package-2).

(OCB NO: POWERGRID/ADB/PTSIREP/230kV Monohardi & Madhabpur SS/Package-2, Date: 16.09.2025)

Pre-bid meeting was held on 05th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document.Some queries were received from the prospective Bidders regarding the Bidding Documents . Clarifications on the above mentioned queries are given below, which will form part of the bidding documents.

Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
133			Bajitpur 132/33kV Substation (Extension)	Kinldy provide Exisitng Make & Model of 1) Control Relay Panel & Substation Automation System 2)Battery Bank & Chargers 3) LV AC & DC System	1) Hitachi Energy(Former ABB), Switzerland. 2) HBL,India 3) Energypac Engineering Ltd, Bangladesh	N
134	General		section 2 Ancillar Mechanical And Electrical Apparatus/2.5 Design Standards And Codes/2.5.4	Substitution of Standards and Design Codes, The description is as follows.Can Chinese National Standard and Design Codes replace?	As per bidding documents.	N
135	General		**Madhabpur 230/132/33 kV AIS Substation and Monohardi 230/132/33 kV AIS Substation**	(1)How many battery rooms need to be configured for the substation? (2)Can the model of the 230kV line protection device at the opposite-side substation be provided?	(1) Two rooms (2) Opposite side substation have distance protection relay	N