

Power Grid Bangladesh PLC
Clarification No.03, Date November 10, 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. Clarification-2 was issued on November 02, 2025. Some queries were received from the prospective Bidders regarding the Bidding Documents after issuing clarification-2. 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	Section 3 - Evaluation and Qualification Criteria / 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 scope of each contract must include design, supply, installation, testing & commissioning of new construction or extension/ renovation of existing 230/33 kV or higher rated voltage AIS/GIS substations with a minimum of three (03) bays including one (1) power transformer of 230/33 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 230/33 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 Bangladesh or outside the Bidder's own country. iv) At least one contract must be completed with new 230/33 kV or higher voltage rating transformer with capacity of 120 MVA or higher	If the contractor has successfully completed the design, supply, construction, installation, testing, and commissioning works of a 400/230 kV/33 kV Upgradation Substation on turnkey basis, Where the 400 kV AIS substation involved an extension for two (02) numbers of 400 kV transformer bays, and a completely new 230 kV AIS substation comprising a total of eight (08) 230 kV bays—of which two (02) are transformer bays and six (06) are line bays—with transformer ratings of 400/230/33 kV, 520/750 MVA. In this context, the scope of works can be considered as a new 230 kV AIS substation. Please confirm.	Bidders are requested to read the EOC provision carefully. The relevant provision of the Section 3 of the bidding document has clearly mentioned the applicable criteria.	N

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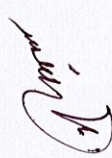
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Clarification No.03, Date November 10, 2025
Design, Supply, Installation, Testing & Commissioning of 230/132/33 kV AIS Substation at Madhabpur and Monohardi including two nos. 132KV bay extension at Bajitpur 132/33kV grid substation and associated 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. Clarification-2 was issued on November 02, 2025. Some queries were received from the prospective Bidders regarding the Bidding Documents after issuing clarification-2. 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)
2	Volume 1	Section 3 - Evaluation and Qualification Criteria / 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 scope of each contract must include design, supply, installation, testing & commissioning of new construction or extension/ renovation of existing 230/33 kV or higher rated voltage AIS/GIS substations with a minimum of three (03) bays including one (1) power transformer of 230/33 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 230/33 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 Bangladesh or outside the Bidder's own country. iv) At least one contract must be completed with new 230/33 kV or higher voltage rating transformer with capacity of 120 MVA or higher	As per our understanding, if the Contractor has successfully completed the design, supply, installation, testing, and commissioning of a 400/132/33 kV AIS substation comprising two (02) numbers of 400/230/33 kV, 250/325 MVA auto-transformers and all associated supplies and services on a turnkey basis, the project scope shall be considered as follows: 400 kV System: The scope includes two (02) numbers of 400/230/33 kV, 250/325 MVA auto-transformers, 400 kV control, protection, SAS and metering systems, conductors, steel structures, insulators, hardware, and fittings, etc. However, the scope of this contract does not include the 400 kV outdoor AIS switchgear equipment for two (02) transformer bays and one (01) line bay. 132 kV System: The scope includes two (02) complete transformer bays equipped with 132 kV circuit breakers (CB), disconnect switches (DS), current transformers (CT), potential transformers (PT), lightning arresters (LA), control, protection, SAS, and metering systems, etc. Line Bays: The scope further includes six (06) complete line bays comprising 132 kV CB, DS, CT, PT, LA, control, protection, SAS, and metering systems, etc. Therefore, based on the above, this project may be considered as a new contract for a 230/33 kV or higher voltage AIS substation. Kindly confirm whether our understanding is correct.	Bidders are requested to read the EQC provision carefully. The relevant provision of the Section 3 of the bidding document has clearly mentioned the applicable criteria.	N





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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. Clarification-2 was issued on November 02, 2025. Some queries were received from the prospective Bidders regarding the Bidding Documents after issuing clarification-2. 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	Section 9: Contract Forms	Appendix 1: Terms and Procedures of Payment The Employer will not allow the contractor to ship equipment/materials/goods when civil infrastructure is not ready at the project site. Upon certification of the Employer/Engineer for the civil infrastructure and fulfillment of all other relevant issues, the equipment/materials/ goods will be shipped.	We understand that the shipment of equipment does not require the completion of all civil works, but rather, each specific type of equipment can only be shipped after the corresponding civil structure for that equipment is completed.	Your Understanding is not correct. Please follow the bidding document. Bidders are requested to read the provision carefully.	N
4	Volume 1	Section 2: Bid Data Sheet ITB 22.1	Original text: In addition to the original Bid, the number of copies is: 2 (two) hard copies and 2 (two) electronic copies in USB memory. ... Technical Bids: • Each technical bid (original, hard copy (1 No.) and hard copy (2 No.)) shall be packed in a separate "inner" envelope. ... Price Bids: • Each price bid (original, hard copy (1 No.) and hard copy (2 No.)) shall be packed in a separate "inner" envelope.	The wording regarding the number of hard copies in the tender documents is ambiguous. Please clarify the number of hard copies required.	Please follow the bidding documents.	N
5	Volume 1	Section 3: Evaluation and Qualification Criteria	2.4.1 Original text: 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, ... a For contracts under which the Bidder participated as a Joint Venture partner or Subcontractor, only the Bidder's share, by value, shall be considered to meet this requirement.	There is ambiguity in the tender documents regarding the bidder's experience as a subcontractor. Please clarify whether the bidder's contracts as a subcontractor is acceptable.	Bidder's experience as a subcontractor is not acceptable.	N
6	Volume 1	Bidding Price Schedule	Bidding Price Schedule	MADHABPUR 230/132/33 KV AIS SUBSTATION Line 1F: 1 only require 4 set line protection, as 87L is required in the Volume 2 of 3 _SS PTSIREP P2, please clarify if we need to supply the line remote side protection. If we need to supply then the price schedule quantity should change to 3 sets and please offer the remote substation SAS and Telecommunication system detail information such as Brand, Model, Version etc., If no need to supply, please indicate the remote side line protection relay brand, model and software version.	Remote end stations for Madhabpur do not have differential protection devices. Bidders are requested to collect the additional data regarding relays if required.	N

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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. Clarification-2 was issued on November 02, 2025. Some queries were received from the prospective Bidders regarding the Bidding Documents after issuing clarification-2. 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		Bidding Price Schedule	MADHABPUR 230/132/33 KV AIS SUBSTATION Item 1F.8 only require 4 set line protection, as 87L is required in the Volume 2 of 3_SS PTSIREP P2, please clarify if we need to supply the line remote side protection. If we need to supply then the price schedule quantity should change to 8 sets. If no need to supply, please indicate the remote side line protection relay brand, model and software version.	Remote end stations for Madhabpur do not have differential protection devices. Bidders are requested to collect the additional data regarding relays if required.	N
8	Volume 1		Bidding Price Schedule	MONOHARDI 230/132/33 KV AIS SUBSTATION Item 2F.8 require 4 set line protection, as there is only 2 overhead line at 132KV side, please confirm the quantity is correct or we should supply 4 sets line protection which meaning 2 sets as spare.	Two (02) units of 132KV Control, Protection, and Monitoring Panels shall be required to serve the two (02) overhead line bays. Please see Addendum-3.	Y
9	Volume 1		Bidding Price Schedule	Item 1F.7 a) not require 1 set Engineering/Monitoring Workstation, however Volume 2 of 3_SS PTSIREP P2 SAS ARCHITECTURE tender drawing showing that 1 set Engineering/Monitoring Workstation is required, please confirm that the Engineering/Monitoring Workstation is required or not and the quantity.	Please refer to Addendum No.3.	Y
10	Volume 1		Bidding Price Schedule	MONOHARDI 230/132/33 KV AIS SUBSTATION There is 36KV AIS equipment in the substation, do we need to supply the busbar protection for 36KV? If yes please add the item in the price schedule.	Busbar protection for 36KV is not required.	N

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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. Clarification-2 was issued on November 02, 2025. Some queries were received from the prospective Bidders regarding the Bidding Documents after issuing clarification-2. 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		Bidding Price Schedule	MONOHARDI 230/132/33 KV AIS SUBSTATION Item 2F.1 only require 4 set line protection, as 87L is required in the Volume 2 of 3_SS PTSIREP P2, please clarify if we need to supply the line remote side protection. If we need to supply then the price schedule quantity should change to 8 sets and please offer the remote substation SAS and Telecommunication system detail information such as Brand, Model, Version etc... If no need to supply, please indicate the remote side line protection relay brand, model and software version.	Only Sreepur Grid Substation has differential protection devices (Make: Siemens). Bidders are requested to collect the additional data regarding relays.	N
12	Volume 1		Bidding Price Schedule	Item 1F.7 a) require 2 sets Industrial Server PC/ Operarot Workstation, please clarify if it refers to 2 sets Industrial Server PC and 2 sets Operarot Workstation	Please refer to Addendum No.3.	Y
13	Volume 1	Price Schedule PTSIREP P2 SSD	Schedule 4D: Installation and Other Services Country	There is a discrepancy between the quantity of electrical equipment in the BOQ and the quantity in the civil works. Please clarify which one takes precedences.	Please see Addendum-1.	N
14	Volume 1		Bidding Price Schedule	MADHABPUR 230/132/33 KV AIS SUBSTATION There is 36KV AIS equipment in the substation, do we need to supply the busbar protection for 36KV? If yes please add the item in the price schedule.	Busbar protection for 36KV is not required.	N

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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. Clarification-2 was issued on November 02, 2025. Some queries were received from the prospective Bidders regarding the Bidding Documents after issuing clarification-2. 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 of 3 PTSIREP P2		Bidding Price Schedule	Item 2F.8 require 4 sets Line Control and Protection, but there only 2 sets Line as per work scope, please confirm the quantity should be 2 sets or 4 sets.	Two (02) units of 132KV Control, Protection, and Monitoring Panels shall be required to serve the two (02) overhead line bays. Please see Addendum-3.	Y
16	Volume 1 of 3 PTSIREP P2		Bidding Price Schedule	There is no specified busbar protection for 36KV side, as AIS is used in 36KV, please confirm if we need to supply the busbar protection for 36KV Circuit.	Busbar protection for 36KV is not required.	N
17	Volume 1 of 3 PTSIREP P2		Madhabpur 230/132/33kV AIS Substation	The quantity of Earthing auxiliary Transformer is 2 in BOQ, but it is 3 in SLD, please clarify.	Please follow BOQ.	N
18	Volume 1 of 3 PTSIREP P2		Bidding Price Schedule	There is no specified quantity of line protection for remote end substation, please clarify if we need to supply line differential for remote end substation?	Among all Remote end stations only Sreepur Grid Substation has differential protection devices (Make: Siemens).	N

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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. Clarification-2 was issued on November 02, 2025. Some queries were received from the prospective Bidders regarding the Bidding Documents after issuing clarification-2. 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)
19	Volume 1 of 3 PTSIREP P2		Bidding Price Schedule	Item 1F.4 & 2F.4 require 1 set Busbar Protection Central Unit only, 2 sets are required as per Volume 2 Section 5 Clause 5.10.2, please confirm whether 1 set or 2 set busbar protection should be supplied for 230KV.	Only 1 set required.	N
20	Volume 1 of 3 PTSIREP P2		Bidding Price Schedule	Item 1F.6, 1F.12, 1F.16, 2F.6, 2F.12, 2F.16 & 3F.2, require 1 meter for each feeder, however 2 meter for each feeder are required as per Volume 2 Section 3 Clause 2.34.2, Volume 2 Tender Drawing and Volume 3 Schedule A description for each CT, please confirm whether 1 or 2 meter should be supplied for each feeder.	One meter for each feeder shall be supplied as per price schedule and schedule A of volume 3	N
21	Volume 1 of 3 PTSIREP P2		Bidding Price Schedule	Item 1F.8, 2F.8, & 3F.1 Require Main 1, Main 2 Backup, there are 2 different requirement in Volume 2, First is Section 5, Clause 5.9.1.1 required Main 1 and Main 2, Second is Tender drawing require Main and Backup, please confirm whether we should supply Main 1 & 2 or we should supply Main and Backup for 132KV Line.	For 132KV Line, Main and Backup.	N
22	Volume 1 of 3 PTSIREP P2		Bidding Price Schedule	Item 2F.8 require 4 sets Line Control and Protection, but there only 2 sets Line as per work scope, please confirm the quantity should be 2 sets or 4 sets.	Two (02) units of 132KV Control, Protection, and Monitoring Panels shall be required to serve the two (02) overhead line bays. Please see Addendum-3.	Y

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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 08th October, 2025 as per clause 7.4 of Instruction to Bidders of Volume 1 of 3 of the Bidding document. Clarification-2 was issued on November 02, 2025. Some queries were received from the prospective Bidders regarding the Bidding Documents after issuing clarification-2. 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)
23	Volume 1 of 3 PTSIREP P2		Bidding Price Schedule	Please clarify the meaning of "Main 2/Backup" showing in item "All Protection relay (Main 1, Main 2/Backup, BPP Bay units)", does it means we need to supply either Main 2 protection or Backup Protection as per technical specification requirement or it means we need to supply both Main 2 and a separate Backup relay together?	For 230 KV Line, Main 1 and Main 2 and for 132KV Line, Main and Backup. For transformer HV side Main-1 and Main-2. For Transformer Incoming Backup.	N
24	Volume 2 of 3 SS PTSIREP P2		Proposed Optical Communication Scheme for Madhabpur 230/132 KV SS	Please indicate the line distance for Optical Power Budget, also please indicate which line used Hitachi Energy Fox515 and which line used HUAWEI E6616.	In bid drawing these informations are given. Furthermore bidders are requested to visit the site for more information (vol 2 section 18)	N
25	Volume 2 of 3 SS PTSIREP P2		Proposed Optical Communication Scheme for Madhabpur 230/132 KV SS	The tender drawing N.B. described that "OPGW of LLO portion/portions (not shown in drawing) is/are also scope of this project." Noemally the OPGW is under the Transmission Line Project, please confirm if the OPGW is under Substation Part or Transmission Line Part.	OPGW is under Transmission Line Part of this project scope.	N
26	Volume 2 of 3 SS PTSIREP P2		Volume 2 Section 5 Clause 5.19.6	There is required "Extension of the existing DFDR" Please specify the existing DFDR's brand, model, etc. for each sustation and NLDC	For Bajitpur bay extension, extension of the existing DFDR is not required as per price schedule.	N

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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. Clarification-2 was issued on November 02, 2025. Some queries were received from the prospective Bidders regarding the Bidding Documents after issuing clarification-2. 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)
27	Volume 2 of 3 _SS PTSIREP P2		Volume 2 Section 5 Clause 5.20	There is required "For LIL0 transmission lines TWFL shall be matched with remote end substation." Please specify the remote end substation TWFL's brand, model, etc. for each substation.	TWFL is required for 400 kV or above voltage level. So, this is not applicable.	N
28	"Volume 3 of 3 _SS PTSIREP P2 Volume 2 of 3 _SS PTSIREP P2"			The OLTC tap changer is required MR Germany or Hitachi Sweden make or equivalent in Volume 2 of 3 _SS PTSIREP P2.4.732, but it is required MR (EU), ABB (EU) in Volume 3 of 3 _SS PTSIREP P2, please clarify which requirement should we meet.	Please see Addendum-3.	Y

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Serial No.	Volume	Section/Clause No.	Clause Description	Bidder's Query	Reply from Power Grid	Addendum Yes(Y)/ No(N)
29	Volume 2 of 3 _SS PTSIREP P2		SECTION 18 DRAWINGS	The technical specifications of the bid do not mention the relevant technical descriptions for items such as Ansar barracks and sentry posts shown in the drawings. Only architectural drawings are provided in the attachments. Please provide the relevant technical specifications for the buildings illustrated in the drawings.	Detailed drawings are in the scope of bidder and will be finalized during execution stage.	N
30	Volume 2 of 3 _SS PTSIREP P2		SECTION 18 DRAWINGS	The layout plan in the drawings includes the work area for the 33KV CRB Build, but the bid documents do not contain relevant descriptions. Please clarify whether this part falls within our contractual scope.	33KV Control room building is out of scope.	N
31	Volume 2 of 3 _SS PTSIREP P2		Proposed Optical Communication Scheme for Monohardi 230/132 KV SS	Please indicate the line distance for Optical Power Budget, also please indicate which line used Hitachi Energy Fox515 and which line used HUAWEI E6616.	In bid drawing these informations are given. Furthermore bidders are requested to visit the site for more information (vol 2 section 18)	N
32	Volume 2 of 3 _SS PTSIREP P2		Proposed Optical Communication Scheme for Monohardi 230/132 KV SS	The tender drawing N.B. described that "OPGW of LILLO portion/portions (not shown in drawing) is/are also scope of this project." Normally the OPGW is under the Transmission Line Project, please confirm if the OPGW is under Substation Part or Transmission Line Part.	OPGW is under Transmission Line Part of this project scope.	N
33	Volume 2 of 3 _SS PTSIREP P2		1.1.1. Madhabpur 230/132/33KV AIS Substation Four 132KV line bays to connect Line in-out of existing 132KV Shahjibazar -Brahmanbaria double circuit overhead line (Shahjibazar 1 & 2 and Brahmanbaria 1 & 2); it is mentioned in Volume 2 of 3 _SS PTSIREP P2, but we did not find the description in Volume 2 of 3 _TL PTSIREP P2, please clarify this part of work is in scope or not.	The scope of that: Four 132KV line bays to connect Line in-out of existing 132KV Shahjibazar -Brahmanbaria double circuit overhead line (Shahjibazar 1 & 2 and Brahmanbaria 1 & 2); it is mentioned in Volume 2 of 3 _SS PTSIREP P2, but we did not find the description in Volume 2 of 3 _TL PTSIREP P2, please clarify this part of work is in scope or not.	Yes, this part of work is in scope. Please refer to Addendum No:3.	Y

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34	Volume-2 (SS Part)	Section-11/11.3.15 Doors	Internal doors and door frames shall be anodised aluminium with minimum 10mm thick tempered glass. Main Entrance/Exit doors and door frames shall be steel or anodised aluminium with minimum 10mm thick tempered glass.	Based on our previous project experience, it has been observed that the use of aluminum frames and doors for toilet installations often results in operational and maintenance issues. Therefore, our proposal is to use standard uPVC door for all toilet. Please Confirm our Proposal.	Confirmed.	N
35	Volume-2 (SS Part)	Section-18/Drawing of Slope Protection with CC Block	An RCC wall is shown in the referenced drawing of Slope Protection with CC Block.	The bidder's understanding is that this wall is a continuous RCC wall intended to serve as the property line demarcation within the slope protection with CC Block section. Kindly confirm whether this understanding is correct.	Your understanding is correct.	N

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Power Grid Bangladesh PLC

Clarification No.03, Date November 10, 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. Clarification-2 was issued on November 02, 2025. Some queries were received from the prospective Bidders regarding the Bidding Documents after issuing clarification-2. 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)
36	Volume 2 of 3 _SS PTSIREP P2		"Madhabpur 230/132/33kV AIS Substation Monohardi 230/132/33kV AIS Substation"	For Madhabpur and Monohardi substation, Please confirm that the busbar conductor and busbar gantry for future bay is not in this bidding work scope.	All gantry, beam and busbar conductors for future bays- are in the bidding scope.	N
37	Volume 3 SS	Schedule E - Guaranteed Technical particulars / 2.2 230/132/33 kV, 225/300MVA, 3- PHASE POWER TRANSFORMER	Serial No. 3.6.3 Neutral - LI 95 AC 38	Regarding the Neutral point insulation level of 230KV transformer usually is 72.5kV, previous data was LI 325 AC 140, but this time is LI 95 AC 38, it maybe not correct. Please check and clarify.	Please see Addendum-3.	Y

Q. Ans.

[Signature]

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Q.2

Sujana

Power Grid Bangladesh PLC

Clarification No.03, Date November 10, 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. Clarification-2 was issued on November 02, 2025. Some queries were received from the prospective Bidders regarding the Bidding Documents after issuing clarification-2. 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)
38	Volume 3 SS	Schedule E - Guaranteed Technical Particulars / 2.3 132/33 kV 80/120 MVA ONAN/ONAF Power Transformer	Serial No. 3.3.2 No. of Core Limb - 03	As per our understanding, three-wound limb core with two unwound side limbs is also acceptable. Kindly confirm if our understanding is correct.	Your understanding is correct.	N
39	Volume 3 SS	Schedule D / Item No. 03	33kV AIS SWITCHGEAR (same as 145kV Switchgear)	As per Schedule D, Item No. 03, it is mentioned as "33kV AIS SWITCHGEAR (same as 145kV Switchgear)". We would like to seek clarification on the meaning of "same as 145kV Switchgear." Does this imply that the manufacturer for both 132kV and 33kV switchgear must be the same? If so, we would like to respectfully note that there are several qualified manufacturers capable of producing 33kV switchgear with satisfactory supply records in Bangladesh. Therefore, we kindly request that the requirement for both 132kV and 33kV switchgear to be from the same manufacturer be removed to allow participation from other qualified 33kV switchgear manufacturers.	Please see Addendum-3.	Y
40	Volume 3 of 3, SS PTSIREP P2		Guaranteed Technical Particulars For 5 kW Grid Tied Solar system with net metering	There is a data table of Solar photovoltaic system, but there is no technical description about the scope of photovoltaic work. Please clarify the scope of photovoltaic work.	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. Technical description of the scope is provided in Volume 2 Section 13 (Clause 13.34)	N

Signed for ASG

[Signature]

Power Grid Bangladesh PLC Clarification No.03, Date November 10, 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. Clarification-2 was issued on November 02, 2025. Some queries were received from the prospective Bidders regarding the Bidding Documents after issuing clarification-2. 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)
41	Clarification No. 01	Serial No. 75	1.3.4 36KV CURRENT TRANSFORMER (For 120MVA Tr. Bay) Si no. 1.5 - Country of Origin - EU/UK/USA/Japan/Turkey 1.3.5 36KV Current Transformer (For Earthing Transformer) Si no. 1.5 -Country of Origin -EU/UK/USA/Japan/Turkey For necessary correction, please refer to Addendum-1.	In Addendum No.-01, you have only changed the country of origin requirement for 36KV CURRENT TRANSFORMER (For 120MVA Tr. Bay). As per bidder's understanding for 36KV Current Transformer (For Earthing Transformer) the country of origin requirement will be the same EU/ UK/ USA/ Japan/ Turkey or equivalent. Please confirm bidder's understanding is correct.	Your understanding is correct. Please see Addendum-3.	Y
42	Clarification No. 01	Serial No. 20	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. Power Grid Reply - Four (4) sets mentioned in both Cases.	There is some misunderstanding. As per the bidder's understanding, for the Monohardi 230/132/33kV AIS Substation, two (02) units of 132kV Control, Protection, and Monitoring Panels shall be required to serve the two (02) overhead line bays. Please confirm bidder's understanding is correct.	Your understanding is correct. Please see Addendum-3.	Y

Sigara

Power Grid Bangladesh PLC
Clarification No.03, Date: November 10, 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 132/233KV 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. Clarification-2 was issued on November 02, 2025. Some queries were received from the prospective Bidders regarding the Bidding Documents after issuing clarification-2. 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)
43	"Volume 3 of 3_SS PTSIREP P2 Price Schedule PTSIREP P2 SSD"		Civil Works, Building and Foundation	Regarding the scope of work for the 132 KV Bajitpur Extension Substation, the description of the civil works scope in Volume 3 of 3 of the tender document is inconsistent with the Bill of Quantities. Please clarify the actual scope of work.	Please follow BOQ and see Addendum-3.	Y
44				Please clarify 33KV current transformer and voltage transformer is Oil immersed or epoxy resin pouring.	As per GTP in Volume 3 Schedule E.	N
45	"Volume 2 of 3_SS PTSIREP P2 SECTION 1 SCOPE OF WORK"		1.1 DESCRIPTION OF THIS BID	The location information of the new station is unclear, please provide the boundary coordinates.	Bidders are requested to collect from Project Office.	N
46			11.3 DESIGN 11.3.2 Ground Conditions, Foundations and Site Investigation (e) Foundations	Large foundations for buildings, structures, etc. require the use of pile foundations. Please provide the type of pile foundation and reference drawings.	Detailed drawings are in the scope of bidder and will be finalized during execution stage.	N
47			11.3 DESIGN 11.3.12 Site Clearance, Obstructions and Adjacent Structures	The tender document mentions removal work. Please specify if there are any buildings or structures within the new station's construction area that require removal.	Bidders are requested to visit the site for more information.	N
48				According to the on-site investigation results, the corrosion grade of groundwater to the foundation in the transmission line section of this project can be determined as S1 and C1 (per American standard specifications). Please clarify whether it is necessary to consider the corrosiveness of groundwater to the foundation for this project and specify the specific anti-corrosion measures.	For corrosion resistance proper clear cover shall be maintained for foundation. In extreme cases sulphate resisting portland cement can be used in concreting of foundations.	N
49				According to the on-site investigation results, the foundation soil in the transmission line section of this project has the possibility of liquefaction. Please clarify whether it is necessary to consider the liquefaction of the foundation soil for this project and specify the detailed liquefaction resistance treatment measures.	Please refer to the clause 6.7.3 (m) of volume 2 of 3 TL.	N

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