

Power Grid Company of Bangladesh

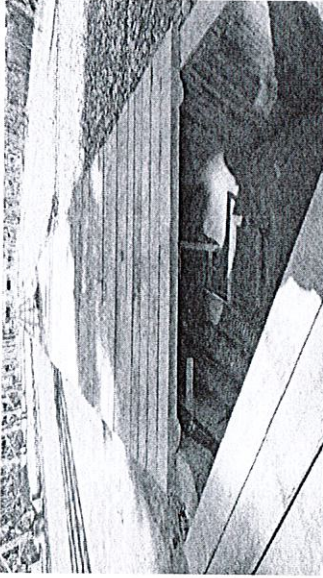
Capacity Enhancement of Existing Grid Substations and Transmission Lines Project Design, Supply, Erection, Testing & Commissioning of capacity enhancement and Capacitor Bank installation with associated switchgear in existing grid substation (Package-2, Lot-1)

Clarification No.02

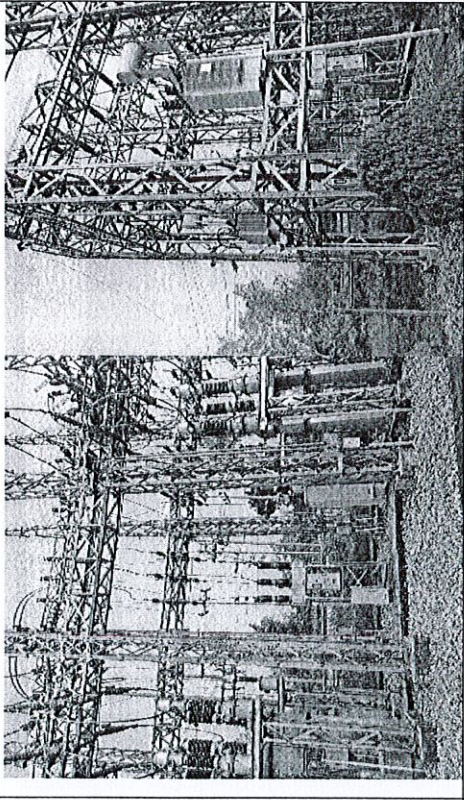
Sl. No.	Description and Queries of Prospective Bidders	PGCB's Reply/Clarification	Addendum (Yes/No)
1.	<u>Section I: New 400/138/33kV transformer at Kaliakoir 400/230/132kV AIS Substation</u> Visiting the site, we understood that according to tender drawing, marked transformer foundation is on existing road as per actual site condition. Kindly clarify whether the scope of Dismantling & re-construction of road, drainage & fencing will be in our scope or not.	Layout will be finalized during execution stage. Please follow the bidding documents.	N
2.	<u>Section II: New 230/138/34.5kV transformer at Agargaon 230/132/33kV GIS Substation</u> According to actual site condition, new cable sealing end construction place is colliding with existing boundary wall. Kindly propose possible solutions.	Layout will be finalized during execution stage. Please follow the bidding documents.	N
3.	<u>Section III: 230/132/33kV transformer replacement at Tongi 230/132/33kV AIS Substation</u> The existing system at Kaliakoir consists 132kV CVT but according to the price schedule the requirement is 132kV IVT. Kindly clarify this discrepancy in requirement.	Please follow the bidding documents.	N
4.	<u>Section III: 230/132/33kV transformer replacement at Tongi 230/132/33kV AIS Substation</u> As there is a scope to construct & arrangement of 33kV Auxiliary Transformer, no requirement of 33kV gantry towers & beams are considered in price schedule. Kindly clarify the requirement.	Please follow the bidding documents.	N
5.	<u>Section III: 230/132/33kV transformer replacement at Tongi 230/132/33kV AIS Substation</u> According to the price schedule, no modification of DFDR is assumed. Kindly confirm if it's okay.	Integration of existing DFDR with both 230kV and 132kV sides of the newly replaced transformers, transformer bays and CRP, as required, shall have to be done within the contract price.	N
6.	<u>Section III: 230/132/33kV transformer replacement at Tongi 230/132/33kV AIS Substation</u>	Please follow the bidding documents.	N





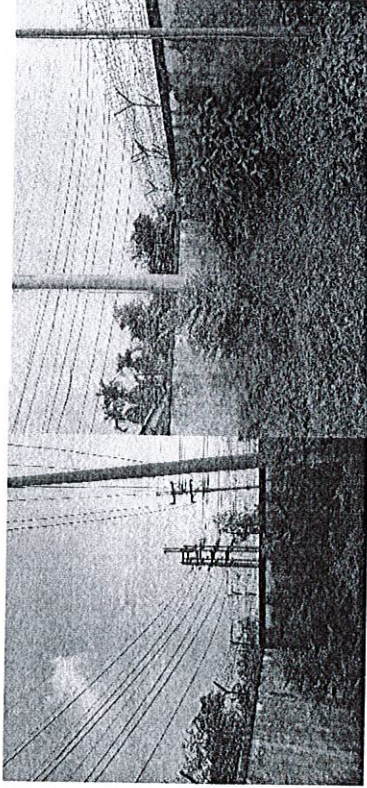
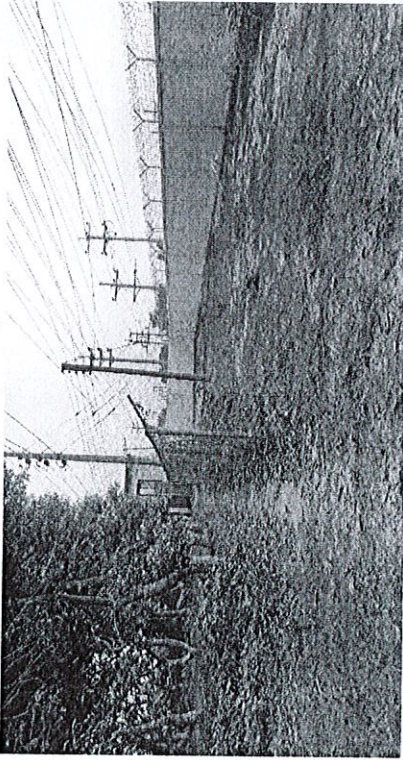

	As per actual site condition, we understand through the existing approach road that, mobilization of 450MVA transformer is not possible. In this circumstance, kindly give us proposed plan.		
7.	Section V: New 132/33kV transformer at Faridpur 132/33kV AIS Substation In existing 132/33kV SS, there are no Busbar Protection & SAS. In the other side, at 230kV SS, we understand that there will be SAS & Busbar protection. Kindly confirm, with which system we need to incorporate our new transformer bay. Section V: New 132/33kV transformer at Faridpur 132/33kV AIS Substation Fencing dismantling & re-construction scope is not included in the price schedule. Kindly clarify this scope of work. Section V: New 132/33kV transformer at Faridpur 132/33kV AIS Substation As per actual site condition, there are enough space in existing HV cable trench. Kindly confirm if we can use the available space to lay 33kV cables or we need to construct new cable trench for 33kV cable. 	Please follow the bidding documents.	N
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10.	Sec IX: 36kV Capacitor Banks at Panchagath 132/33kV AIS Substation:	33kV bay allocation will be finalized during execution stage. Please follow the bidding documents.	N

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	In tender layout drawing two scope areas for 33KV feeder are shown. One is in the opposite side of the middle of T1 & T2 transformer. Other is in the left side of the T1 transformer. Visiting the site, we found that the scope area between the T1 & T2 is free but the other area is already equipped. Moreover, there has been busbar extension in the right opposite side of T3 transformer which is free at present. Please confirm whether we can use this extension area in exchange of the scope area shown beside T1 in layout.		Layout will be finalized during execution stage. Please follow the bidding documents.	N
11.	Sec IX: 36KV Capacitor Banks at Panchagarh 132/33KV AIS Substation: Visiting the site, we found that there is an existing pole near the boundary in the scope area shown in the tender layout drawing. But there is no dismantling item in the price schedule. Please confirm whether we need to consider dismantling the pole or not. If we need to consider, kindly add a dismantling scope item in the price schedule.			





			
12.	Sec X: 36kV Capacitor Banks at Thakurgaon 132/33kV AIS Substation: From the site visit, we found that there is no free area for bay extension in the site as shown in tender layout drawing. There is free space near the fencing beside the mango garden and boundary wall. If we have to use this space instead, there must be 33KV bus extension by cable. But the quantity of cable is not specified in the price schedule. Please confirm the scope area for bay extension and the cable quantity. 	33kV bay allocation will be finalized during execution stage. Please follow the bidding documents.	N

[Signature] *Goutam JKSa*

13.	Sec X: 36kV Capacitor Banks at Thakurgaon 132/33kV AIS Substation: From the site visit, we found that there is only 25m length free space in front of store house instead of 30m as shown in the tender layout. But there is free space in between fencing and boundary wall as shown in above image. Please confirm the scope area for capacitor bank. 	Layout will be finalized during execution stage. Please follow the bidding documents.	N
14.	Section XI: 36kV Capacitor banks at Joypurhat 132/33kV AIS Substation: As per price schedule, we have found the scope of extension of 33kV switchyard. We have found that there are several scope to construct the 33kV feeders in existing switchyard. Kindly confirm whether we need to extend the existing 33kV switchyard or it will be constructed in the existing switchyard.	Please follow the bidding documents.	N
15.	Section XIII: 36kV Capacitor banks at Chuadanga 132/33kV AIS Substation: According to the requirement for new capacitor bank, additional 2 nos of gantry beams will be required. Kindly clarify the requirement in price schedule.	Please follow the bidding documents.	N

[Signature] *Touk an JKS*

