

Power Grid Company of Bangladesh (PGCB)

Queries/Clarification for the tender named "Design, Supply, Erection, Testing & Commissioning of capacity enhancement and Capacitor Bank installation with associated switchgear in existing grid substation (Package-2, Lot-2)"

Invitation for Bids No. : 27.21.0000.101.07.418.22.5935; Date: October 25, 2022

ICB No. : PGCB/CEEGSTL/SS/Package-2/Lot-2

Tenderer's Request			Reply from PGCB	Addendum(Yes-Y,No-N)
Sl. No.	Volume / Section / Clause / Item / Page Reference	Description & Queries of Prospective tender from Bidder		
1	Volume-3 of 3, Article 1.3.1, Item 1B3	In description, there is mentioned the number of supplied quantity of single-phase, 4-core, multi ratio, 132kV, 40kA/1sec, 50Hz, 650kVp BIL, outdoor, post type current transformer is 3 nos. But in Price schedule-1, Item no 1B the number of supplied quantity of 132 AIS Current Transformer is 6 nos. Bidder's understanding is that, the 3 nos newly supplied 132kV AIS Current Transformer will replace the existing Tarfo. Bay 3 nos 132kV CT and additional 3 nos 132kV CT will remain as spare. Please verify our understading.	Number of 132kV AIS CT shall be three (3) for Joydebpur grid SS. Please see the addendum-1.	Y
2	Joydebpur 132/33kV AIS Substation	In article 1.3.1, the scope mentioned for this substation is replacement of existing two set 132/33kV, 50/75MVA transformer (GT-3 & GT-4) with new two (2) sets of 132/33kV, 80/120MVA three phase power transformer and replacement /modification of necessary 132KV & 33kV switchgear equipment and civil works. Also from site, we found the existing 33kV AIS switchgear for GT-3 & GT-4 having 36kV switchgear which rating is 1250A, 25kA/3sec for both Bus, Circuit Breaker & associate equipment's. Bidder's understanding is that, as the new Trafo. rating is change to heigher capacity (120MVA) from Existing trafo 75MVA, the current rating at 33kV side will be higher then the existing 33kV trafo bay. But there is no any supply scope mentioned in price schedule to replace existing 33kV AIS indoor Switchgears and 33kV XLPE power cables to match the new trafo rating. Please verify our understanding and revise the price scheudle if required.	Bidders are requested to carefully follow the bid drawing no. PGCB_DESIGN_2021_CEEGSTL_P2L2_JOYDEBPUR_E15. The 33kV incomers of power transformers shall be connected to the newly built 33kV GIS.	N
3		Visiting the site, we understood that 132kV GIS Current Transformer replace scope is not necessary. Kindly confirm the requirement.	Not confirmed. Bidders are requested to follow the bidding documents.	N
4		According to the price schedule, requirement of 132kV AIS post type Current Transformer are 6 nos. But we understand the requirement should be 3 nos. Kindly confirm over our understandings.	Number of 132kV AIS CT shall be three (3) for Joydebpur grid SS. Please see the addendum-1.	Y
5	Rajendrapur 132/33kV GIS Substation	From site we found that, there is an newly constructed one storied Ansar Barrak at the proposed position of new 3nos 33kV Capacitor Bank. Also there is no other free space available at this site. Bidder's understanding is that, they should have to consider dismantling work for existing Ansar Barack before construction of new 3 nos Capacitor Bank at this site. Please verify our understanding and revise the price schedule if required.	Please follow the bidding document. Layout will be finalized during execution stage.	N
6		As the 33kV GIS is under REB scope, kindly confirm the position of new Control & Relay panels if it will be situated in REB's control room or not.	New Control & Relay panels will be installed at REB's 33kV control room.	N






7		As only 10x7m space is available to construct new Capacitor Banks though according to the tender drawing the available space is 30x7m. So we understand that there are no space to place 3 sets of Capacitor banks.	Please follow the bidding document. Layout will be finalized during execution stage.	N
8		Floor modification to place new panels are required. Kindly confirm the scope in price schedule.	Please follow the bidding document.	N
9	Price Schedule-4, Item no. 3J1(iv), for Rajendrapur 132/33kV GIS Substation	In price schedule there mentioned "Extension of 3m wide road 50m", but from site we found that, that there is no any space available for the extension for this road. Can you please clarify us the requirement of this 3m road extension job at this site?	Please follow the bidding document. Layout will be finalized during execution stage.	N
10	Lalmonirhat 132/33kV AIS Substation	Form site we found that, there is some existing 33kV overhead line at the proposed area of new Capacitor bank. Bidder's understanding is that, employer (PGCB) will be relocate those 33kV overhead line before project execution stage.	Please follow the bidding document.	N
11		We understand that there are some pole removal works required at Lalmonirhat to install the new scope of work. Kindly confirm that the pole removal work is under employer's scope.	Please follow the bidding document.	N
12		We understand that 33kV Cable laying will be according to buried system. Kindly confirm.	Confirmed.	N
13	GTP	5.2.7.4 33kV 1Cx500mm ² XLPE Power Cable 1.4 Country of origin: EU/UK/USA/Japan/South Korea/Thailand/Turkey 1.4.1 Made in: EU/UK/USA/Japan/South Korea/Thailand/Turkey Bidder's request- 1.4 Country of origin: To be mentioned 1.4.1 Made in: To be mentioned	Please follow the bidding document.	N
14	Volume 2/ 6. Protection, Metering & Control and Substation Automation System	6.27 Energy Meter (Tariff Metering)/ 6.27.2 Additional Requirements/ 25. Ability to measure Harmonics Angle, Power harmonics upto 60th or above order with THD Please confirm the requirement of Power harmonics upto 60th.	Please follow the bidding document.	N


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