

POWER GRID COMPANY OF BANGLADESH LIMITED (PGCB)

Design, Supply, Erection, Testing & Commissioning of Capacity Enhancement and Capacitor Bank Installation with Associated Switchgear in Existing Grid Substation (Package-2, Lot-1)

OCB No.: PGCB/CEEGSTL/SS/Package-2/Lot-1
IFB Ref. No.: 27.21.0000.101.07.417.22.5934, October 25, 2022

Addendum No.: 02 (Date:05.01.2023)

Following revisions/changes are made in the Bidding Document which will form part of the Bidding Document.

Volume 2 of 3

1. Volume 2 of 3, Section 21, 21.2 List of Bid Drawings

SL. 42 (Boundary wall with RCC retaining wall) is added after SL. 41 as follows:

SL.	Drawing No.	Drawing Title
42	PGCB_DESIGN_2021_CEEGSTL_P2L1_C07	Boundary wall with RCC retaining wall

Volume 3 of 3

2. Schedule B, (PRICE SCHEDULES)

"Schedule B1: Mandatory Spare, Maintenance & Test Equipment Supplied from Outside the Employer's Country" of Schedule B, (PRICE SCHEDULES), is revised as follows:

Schedule B1: Mandatory Spare, Maintenance & Test Equipment Supplied from Outside the Employer's Country							
Item No.	Description of Equipment Requirement	Unit	Quantity	Code	Foreign Currency (in.....)		Remark
					Unit Price	Total Price	
					CIP	CIP	
			(1)		(2)	(3) = (1) x (2)	
BS	Mandatory Spares for 245kV Existing GIS at Agargaon 230/132/33kV GIS Substation						
BS1	Complete Operating Mechanism with accessories of CB for GIS	set	1				
BS2	Tripping coil of CB for GIS	nos.	4				
BS3	Closing coil of CB for GIS	nos.	2				
BS4	Complete Main Contacts of DS for GIS	set	1				
BS5	Complete Main Contacts of ES for GIS	set	1				
BS6	Complete Operating Mechanism with accessories of DS/ES for GIS	set	1				
BS7	Complete Main Contacts of HSES for GIS	set	1				
BS8	Complete Operating Mechanism with accessories of HSES for GIS	set	1				



BS9	Voltage transformer with Housing - Complete Module for 1 phase	Nos.	1				
BS10	Gas pressure gauge	nos.	2				
BS11	Pressure Relief Device	nos.	2				
BS12	GIS-to-Air Bushing	Nos.	1				
BS13	SF6 gas cylinders - 45 kg	nos.	2				
BS14	192kV rated voltage, 154 kV(rms) continuous operating voltage at 50oC, 10kA nominal discharge current, 50Hz, Heavy duty station class, single phase outdoor type GIS surge arrester with Housing - Complete Module	nos.	1				
BS15	192kV rated voltage, 154 kV(rms) continuous operating voltage at 50oC, 10kA nominal discharge current, 50Hz, Heavy duty station class, single phase indoor type GIS surge arrester with Housing - Complete Module	Nos.	1				
BS16	Current transformer with Housing - Complete Module for 1 phase. (Current Transformer for line bay)	Nos.	1				
BS17	HV cable module (without Cable termination kit) with internal conductor set	Nos.	1				
CS	Mandatory Spares for 145kV Existing GIS at Agargaon 230/132/33kV GIS Substation						
CS1	Complete Operating Mechanism with accessories of CB for GIS	set	1				
CS2	Tripping coil of CB for GIS	nos.	4				
CS3	Closing coil of CB for GIS	nos.	2				
CS4	Complete Main Contacts of DS for GIS	set	1				
CS5	Complete Main Contacts of ES for GIS	set	1				
CS6	Complete Operating Mechanism with accessories of DS/ES for GIS	set	1				
CS7	Complete Main Contacts of HSES for GIS	set	1				
CS8	Complete Operating Mechanism with accessories of HSES for GIS	set	1				
CS9	Voltage transformer with Housing - Complete Module for 3 phase	set	1				
CS10	Gas pressure gauge	nos.	2				
CS11	Pressure Relief Device	nos.	2				
CS12	SF6 gas cylinders - 45 kg	nos.	2				
CS13	Each type of Clamps and Fittings (Minimum 2 nos. or 10% of the quantity supplied, whichever is the highest) for Kaliakoir substation	lot	1				
CS14	Current transformer with Housing - Complete Module for 3 phase	set	1				
CS15	HV cable module (without Cable termination kit) with internal conductor set	Nos.	1				
CS16	120kV rated voltage, 96 kV(rms) continuous operating voltage at 50oC, 10kA nominal discharge current, 50Hz, Heavy duty station class, three phase GIS surge arresters with Housing - Complete Module	Set	1				
GS	36kV Capacitor bank						
GS1	Capacitor Units for offered type (5% of	lot	1				

	total supplied units)						
GS2	Damping Reactor (0.2%, 36 kV, 410A)	nos.	6				
GS3	Neutral Current Transformers for unbalanced protection, 15VA, 5P10	nos.	6				
Total price for Mandatory Spare, Maintenance & Test Equipement carried to Schedule 5							

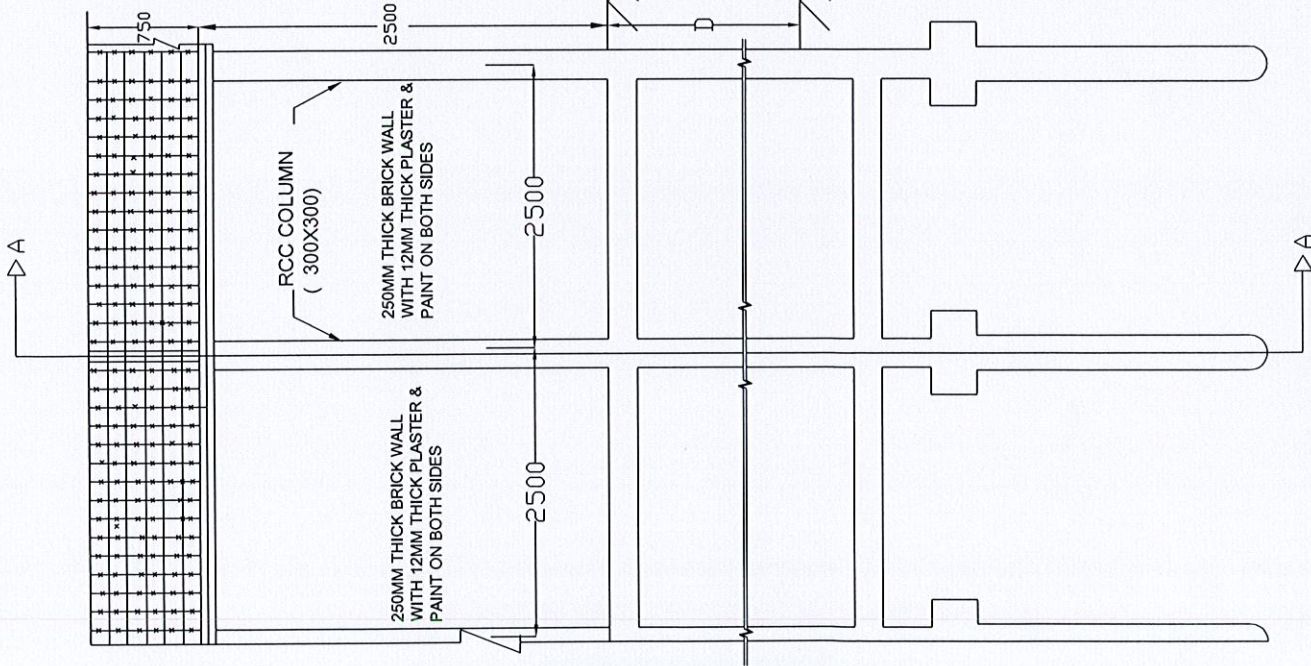
3. In Price Schedule: Schedule B4 (New 400/138/33kV transformer at Kaliakoir 400/230/132kV AIS Substation) Item Nos. 1Q3 i) is added after Item No. 1Q2 ii) as follows:

Item	Description	Quantity	Unit
1Q3	Complete land development		
	i) Complete compacted land development with carried/ dredged earth filling	5,000	cubic meter

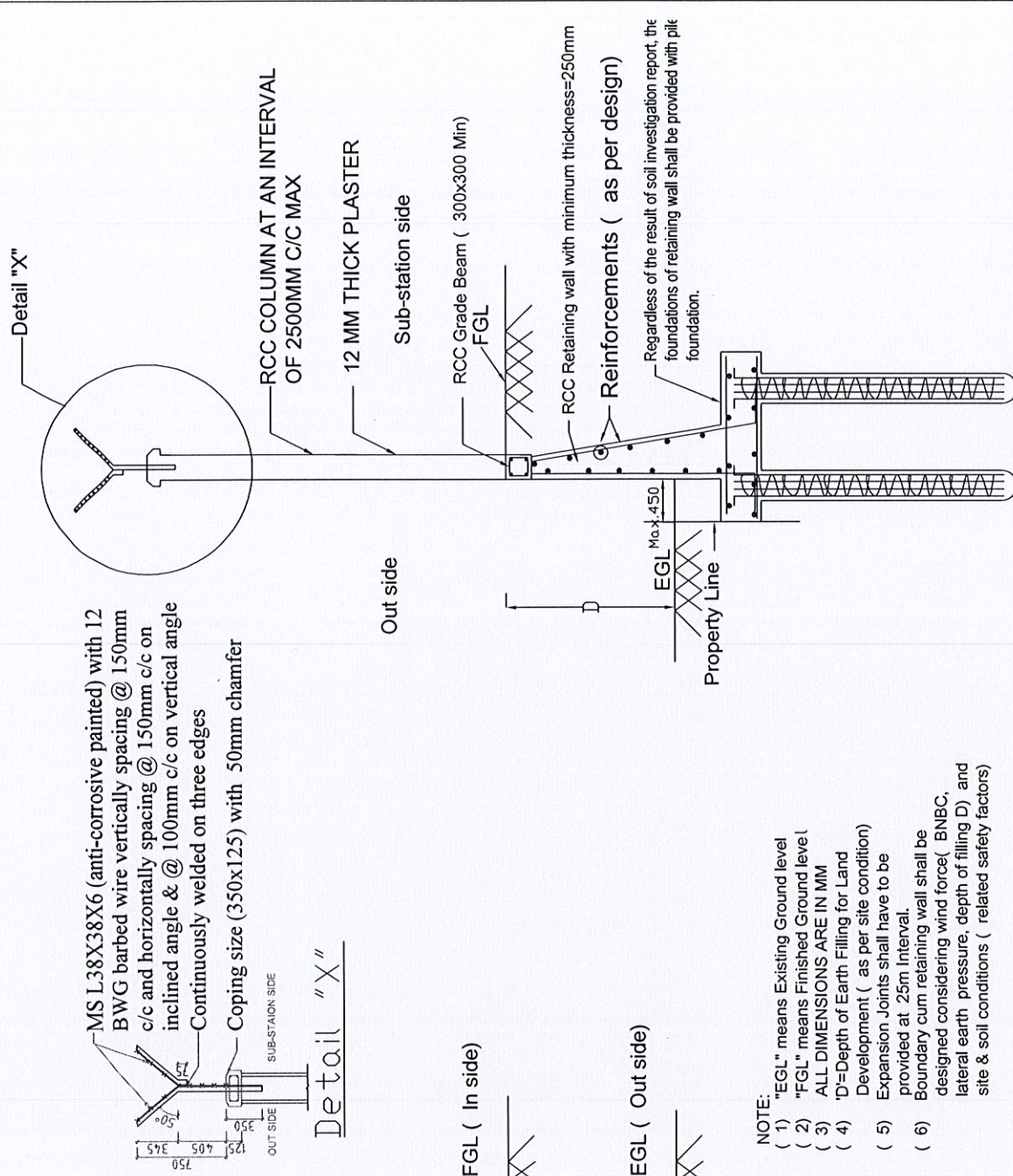
4. In Price Schedule: Schedule B4 (New 400/138/33kV transformer at Kaliakoir 400/230/132kV AIS Substation) Item Nos. 1Q1 ix) is added after Item No. 1Q1 viii) as follows:

Item	Description	Quantity	Unit
1Q1 ix)	Boundary wall with RCC retaining wall	100	meter

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FRONT ELEVATION



NOTE:

- (1) "EGL" means Existing Ground level
- (2) "FGL" means Finished Ground level
- (3) ALL DIMENSIONS ARE IN MM
- (4) "D"=Depth of Earth Filling for Land Development (as per site condition)
- (5) Expansion Joints shall have to be provided at 25m Interval.
- (6) Boundary cum retaining wall shall be designed considering wind force(BNBC, lateral earth pressure, depth of filling D) and site & soil conditions (related safety factors)

SECTION:A-A

১২	Power Grid Company of Bangladesh Limited		
Project	Design, Supply, Erection, Testing & Commissioning of Capacity Enhancement and Capacitor Bank Installation with Associated Switching in Existing Grid Substation (Package-2, Lot-1)		
Drawing Title	Boundary wall with RCC retaining wall		
Drawing No.	PGCB_DESIGN_2021_CEEGSTL_P2.1_C07		
Drawn:	Checked:	Approved:	

Ac - *[Signature]* JKS