

Section 17 Drawings

The drawings provided in this section are solely for the purpose of bid information and bid preparation. They present the typical details of the project facilities and plant requirements for the following.

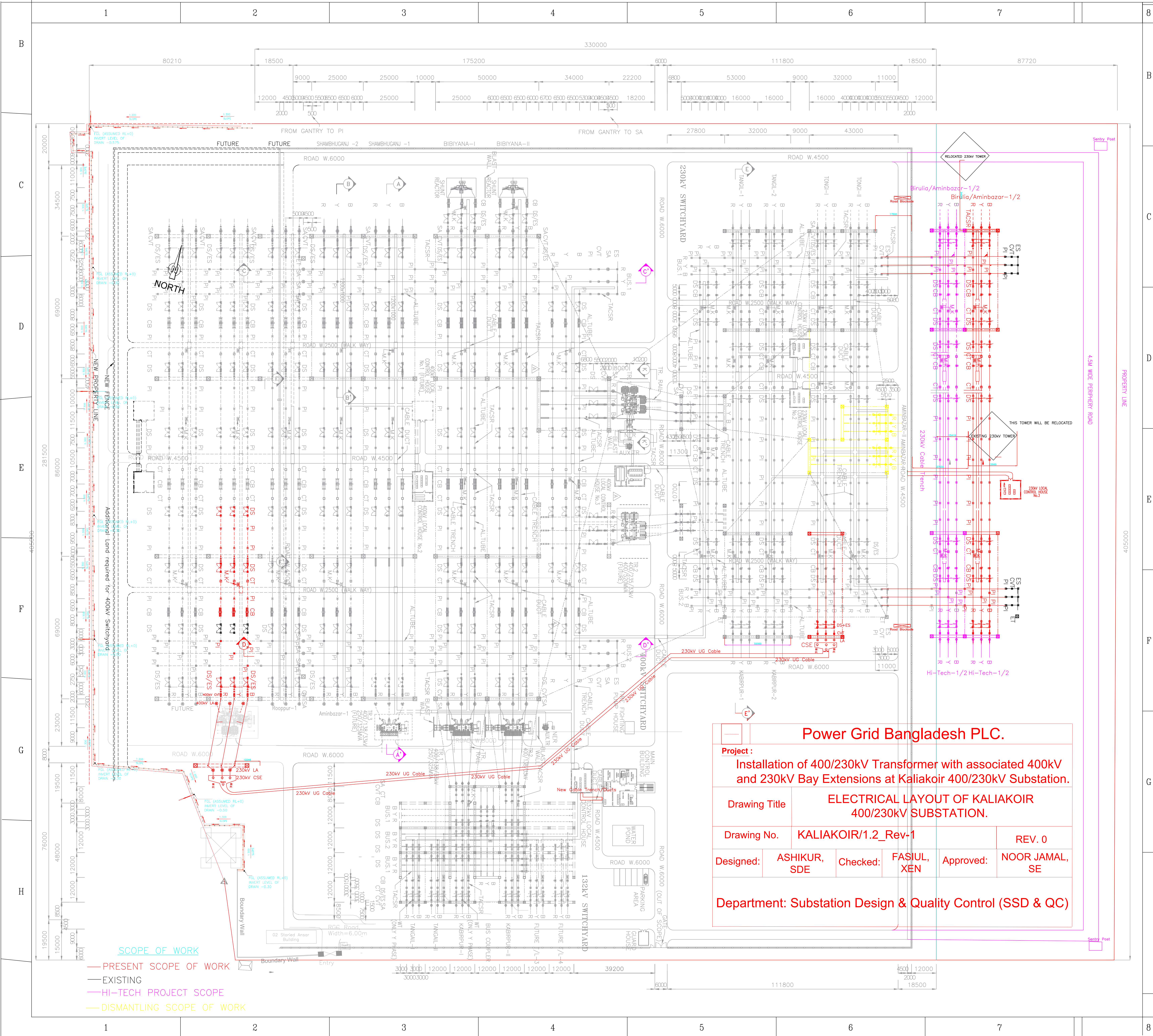
List of Bid Drawings

SL No.	Drawing Title
1.	SLD for 400kV & 230kV Bay Extension
2.	Layout for 400kV & 230kV Bay Extension_Rev-1
3.	Gas SLD, MRE
4.	110V, 48V LVDC and LVAC
5.	Substation Automation System Architecture
6.	Guard house
7.	Switchyard Surface Level
8.	Car Port with Solar
9.	Fence
10.	Boundary Wall
11.	Gate
12.	Approach Road
13.	Typical Road Sections
14.	Sentry Post
15.	Septic Tank
16.	Soak Well
17.	Slope Protection
18.	Walk Way
19.	Ansar Barrack
20.	Stair Railing
21.	Property Line Marking
22.	Open Storeyard
23.	PFI Plant
24.	IP Camera
25.	Power cable trench & Gantry Drawings
26.	230 kV Switchyard Panel Room

✓

[Signature]





Power Grid Bangladesh PLC.

Project :
Installation of 400/230kV Transformer with associated 400kV and 230kV Bay Extensions at Kaliakoir 400/230kV Substation.

Drawing Title
ELECTRICAL LAYOUT OF KALIAKOIR 400/230kV SUBSTATION.

Drawing No.
KALIAKOIR/1.2_Rev-1

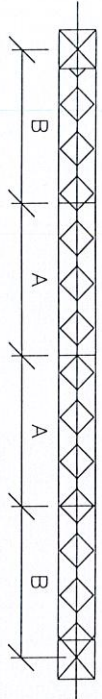
REV. 0

Designed:
ASHIKUR,
SDE

Checked:
FASIUL,
XEN

Approved:
NOOR JAMAL,
SE

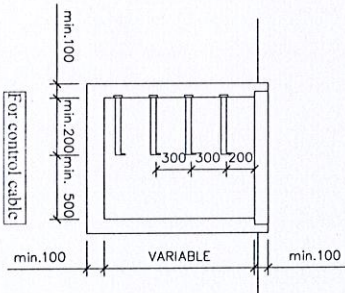
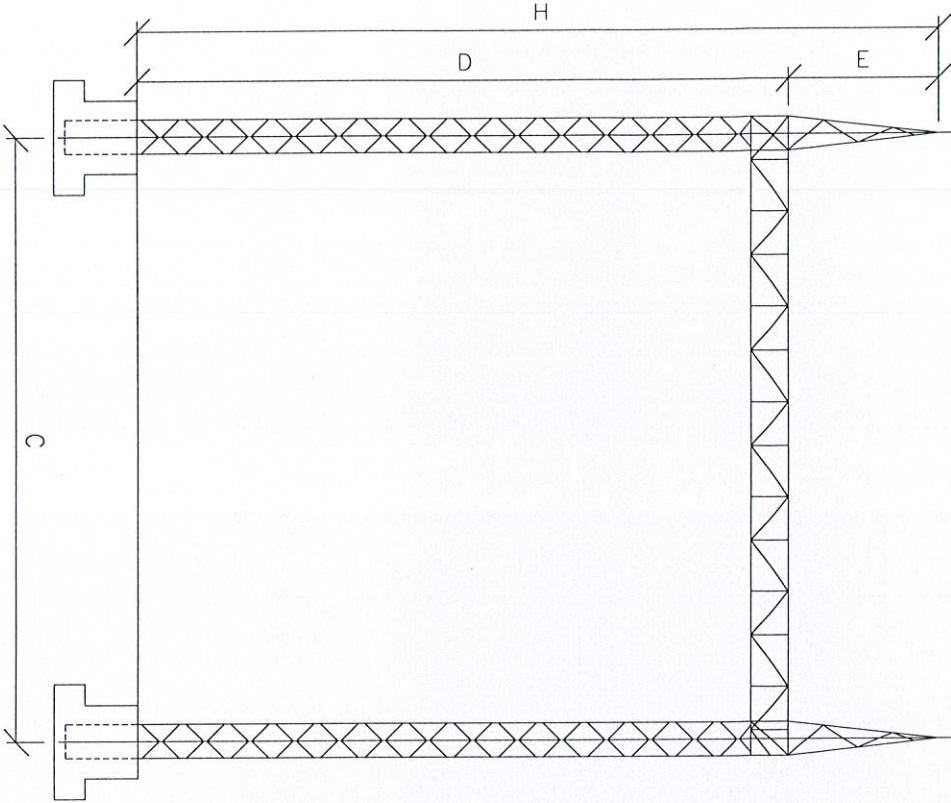
Department: Substation Design & Quality Control (SSD & QC)



NOTES:-
1. All dimensions are in mm & approximate
2. These drawings are for Tender Purpose only.
Detail drawings shall be finalized during execution

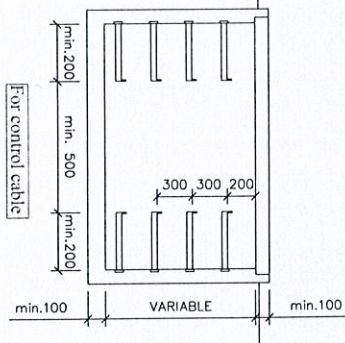
Attachment-2

	400 kV	230 kV	132kV
A	6,000	4,000	3,000
B	6,000	4,000	2,500 - 3,000
C	24,000	16,000	11,000 - 12,000
D	18,000 - 24,000	16,000 - 18,000	11,000 - 14,000
E	6,000 - 9,000	4,000 - 6,000	3,000 - 4,000



CABLE TRENCH TYPE 1

For: 230kV & 132kV Power Cable. Tray size: 250mm. Maintenance space: 800mm



CABLE TRENCH TYPE 2

REVISION TITLE			
GANTTRY & CABLE TRENCH			
Drawn	Checked	Approved	Scale
1/100			As
DESIGNER'S NAME			
PROJECT/WORK			
PAGE/NO. OF PAGES			

FOR TENDER			
Prepared by	Rev.	Date	Checked
	0		
APPROVALS			
DESIGNER'S NAME			
PROJECT/WORK			
PAGE/NO. OF PAGES			

DESIGNER'S NAME
PROJECT/WORK