

Expansion Project Construction Cost Estimation

Project Information

Substation	delduar
Feeder	d2b
Project Number:	001
Project Name	Project 001

Expected Consumer During Project Construction

Consumer Type	Number
Street Light	3.0
Agricultural	8.0
Residential	224.0
Small Commercial	21.0
Small Industrial	8.0
Public Building	1.0
Total Consumer	265.0

Proposed Equipment

Type	Voltage	Detail	Number	Cost (USD)
Transformer	11/0.4 kV	25 kVA - Three Phase	1.0	6500.0
Transformer	11/0.4 kV	50 kVA - Three Phase	1.0	8176.0

Proposed Line

Type	Detail	Length (km)	Cost (USD)
11 kV Primary Line - Three Phase	100 mm ACSR	1.354	28335.0
Secondary Line	100 mm AAC	5.0	83125.0
Service Drop	-	None	68071.0

Project Cost

Cost Head	Cost (USD)
Total Construction Cost	194207.0
Per Consumer Cost	733.0