

Description	UNIT	SIZE/SPEC
ELECTRICAL WORKS		
I. A. Secondary Assembly		
Machine Bolt	pcs	1/2" x 10"
Machine Bolt	pcs	5/8" x 10"
Locknut, MF Type	pcs	1/2"
Locknut, MF Type	pcs	5/8"
Secondary Rack Insulator	set	3-Spool, 8" spacing with spool
Washer, Round	pcs	1-3/8" Ø, 12 Ga., 9/16" hole
Washer, Square, Flat	pcs	2-1/4" x 2-1/4" x 3/16" hole
Tie Wire, Solid	mtrs	#4 AWG, Soft Al. Alloy
B. LABOR		
CONST. FOREMAN		
ELECTRICIAN		
LABORERS		
II A. Transformer Assembly		
Machine Bolt	pcs	5/8" x 12", Hot Dipped Galvanized
Transformer Pole Mounting Bracket	sets	JFI Stock No. C6051-01, No. of Plate Dummy = 3, No. of Bracket=1 Hot Dipped Galvanized 80 microns per ASTM A123-00.
THW Wire, Stranded	mtrs	#4 AWG
THW Wire, Stranded	mtrs	#6 AWG
Compression Connector	pcs.	#6-#1/0 to #6-#2
Locknut, MF Type	pcs	5/8"
Rod, Armor, Preformed	set	#1/0 Single Support
Transformer, external rotary tap changer copper primary and secondary winding	units	25 kVA, Single Phase, 2HV Bushing 13200 grnd Y/7620 - 120/240 volts, 60Hz, Additive, BIL 95kV at HV & 30kV at LV, %imp w/in -2.0+/-10% tol. at 85°C no-load, Max. -80W at 30°C Load loss, Max. -290W at 85°C.
Washer, Square, Flat	pcs.	2-1/4" x 2-1/4" x 3/16", 13/16" Hole
B. LABOR		
CONST. FOREMAN		
ELECTRICIAN		
LABORERS		
III A. Miscellaneous Assembly		
Lightning Arrester	pcs	Nominal Voltage: 10kV, MCOV: 8.4 kV TOV @ 15 sec: 11.9kV, BIL: 95kV max. discharge voltage @ 10kA: 36kV
Compression Connector	pcs.	#6-#1/0 to #6-#2
Hot Line Clamp Connector	pcs	#336-6 run to #2/0-6
Fused Cutout	pcs	100 Amp, 7.8/13.5 kV
Fuse Link, Universal, Bottom Head	pcs	3K, 3A
B. LABOR		
CONST. FOREMAN		
ELECTRICIAN		
LABORERS		
IV. A. Conductor		
Conductor, Copper, Insulated	m	THW, #2/0
B. LABOR		
CONST. FOREMAN		
ELECTRICIAN		
LABORERS		

Description	QTY.	UNIT	SIZE/SPEC
V A. Others			
Connector, Compression		pcs.	YHD400, Run #2/0-#4/0-Tap #2/0-#4/0
B. LABOR			
CONST. FOREMAN			
ELECTRICIAN			
LABORERS			
VI A. Metering Assembly			
Adaptor, PVC		pcs	1"Ø, with nut
Auto Wire		mtrs	#10 AWG, Standard, 8 Asstd Colors
Bolt, Single Upset, Forged		pcs	5/8"Ø x 12", Hot Dipped Galv.
Compression Connector		pcs	YHD150 (#6-#1/0 to #6-#2)
Two-bolt Connector, Copper		pcs.	125 sq. mm.
PVC Coupling		pcs.	1"Ø
Electrical Tape		rolls	Big
Guy Guard, Plastic		pcs.	8 ft., full round yellow
kWH Meter, Transformer Rated, Socket Type, Brand new with ERC seal and certificate, with 1 year warranty. CT Rated		units	1Ph, 3-Wire, CL20, 120-480V, 60Hz., form 4S, KH 0.6, Digital with 5 years warranty battery, Modem ready w/ the ff. soft switches: (1) TOU (T switch) (2) KVAR (K switch), (3) Event Log (E switch), (4) Basic Recording (R switch)
Current Transformer, Outdoor		pcs.	100:5, ABB Type, RF=2.5, 600V
Locknut, MF Type		pcs	5/8"
Rubber Tape		rolls	Big
Meter Socket		pcs.	High Capacity, 6 Jaws, 20A, 600V
Water Sealant		quart	Elastomeric
B. LABOR			
CONST. FOREMAN			
ELECTRICIAN			
LABORERS			