

ITEM	DESCRIPTION	STR. MKD.	REFERENCE DWG. NO.	QTY.	INVITATION	REMARK
1	115KV. Take-off structure	T0S2	TP-251B	3	CF009(1-2)	
	115KV. Take-off structure	TS701	ST-TS-7-01	2	H08(1-4)	
2	115KV. Beam structure	B1	TP-252.1A	2	CF009(1-4)	
	115KV. Beam structure	B2	TP-252.1A	1	CF009(1-5)	
	115KV. Beam structure (9.00m.)	BB701	ST-BB-7-01	1	H08(1-11)	
	115KV. Beam structure (11.00m.)	BB702	ST-BB-7-02	1	H08(1-12)	
3	115KV. Power circuit breaker structure	FCB8-1	UA-ST-35002	1	F002(6-1)	
	115KV. Power circuit breaker structure	GC87-1		1	H04(1-6)	
	22 KV. Power Circuit breaker structure	GC82-1		1	H04(2-2)	
4	22 KV. Metering structure	MS405	ST-MS-4-05	1	H08(1-35)	
	22 KV. Metering structure	MS3A	TP-275A	1	CF009(1-14)	
5	115KV. Disconnecting switch structure (5.30m)	FD59-3		5	F004(9-3)	
	115KV. Disconnecting switch structure With (G)	FD59-4		1	F004(9-4)	
	115KV. Disconnecting switch Support structure	GD57-2	ST-DS-4-01	3	H05(2-17)	
6	115KV. Current Transformer Structure	FC18-1		3	F005(8-1)	
	115KV. Current transformer structure	GC17-1	ST-CT-4-01	3	H06(2-20)	
7	115KV. CCVT.With Carrier Structure(2.741m)	FPT12-1	F005-S5	1	F005(12-1)	
8	115KV. Transformer Structure	TS2	TP-251B	2	C009(1-2)	
	115-22KV. Power Transformer	T-125		2		
9	115KV. Bus pole structure (H= 6.00M)	BP2-11	TP-227.2B	18	CF009(1-10)	
	115KV. Bus pole structure (H= 4.00M)	BP2-13	TP-227.2B	12	CF009(1-11)	
	115KV. Bus pole structure (H= 2.50M)	BP2-2	TP-227.2B	1	CF009(1-9)	
	115KV. Bus pole structure	BP705	ST-BP-7-01	6	H08(1-23)	
	115KV. Bus pole structure	BP706	ST-BP-7-01	6	H08(1-24)	
10 **	115KV. Bus support structure (H= 2.70M)	BS2-3	TP-227.1B	1	CF009(1-12)	
	Disconnecting switch operating platform	OP001	ST-OP-0-01	4	H08(1-38)	
	Disconnecting switch operating platform	OP2	TP-226B	8	CF009(1-15)	
12	Tele-communication tower self-supporting Str.	TTS-75	TP-291	1	CF009(1-16)	
13	115KV. CC. structure (2.741m.)	FC012-5A	F005-S5	1	F005(12-5A)	
14	24KV.Shunt capacitor bank support structure	SK203	SE-SC-2-03	2	H03(2-2)	

ADDITIONAL STEEL STRUCTURE FOR JOB NO.TS923-S33

1	24KV.Shunt capacitor bank	SK401		1	TS9-76/1(2-1)	
2	Operating platform	OP001	ST-OP-0-01	1		

ADDITIONAL STEEL STRUCTURE FOR JOB NO.RIP2-34

1	Outdoor marshalling cubicle	MC002	TP-E-10.5&10.6	2	RIP2-S4(4-6)	PRECISE
2	22KV.Power circuit breaker structure	GC82-1	-	1	RIP2-S4(6-4b)	-
3	Extension steel structure for OHG.	-	ST-MS-4-04	1	-	-

ADDITIONAL STEEL STRUCTURE FOR JOB NO.TS9-24-S108

1	22KV.Shunt capacitor bank	SK401		2	TS9-76/2(2-2)	
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ADDITIONAL STEEL STRUCTURE FOR JOB NO.TS10-13-S3

1 *	115KV.Switching device skid base	SK703	-	1	H03(P)(1-3.4)	
2 *	115KV.Capacitor bank skid base	SK701	-	2	H03(P)(1-3.4)	
3 *	115KV.Capacitor bank skid base	SK702	-	1	H03(P)(1-3.4)	
2 *	Operating platform	OP002	ST-OP-0-02	1	H03(P)(1-3.4)	

ADDITIONAL STEEL STRUCTURE FOR JOB NO.TS10-13-S47

1	22KV.Bus pole structure	BP201	ST-BP-2-01	4	-	-
2	24KV.Shunt capacitor bank support structure	SK204	SE-SC-4-03	2	-	-

ADDITIONAL STEEL STRUCTURE FOR JOB NO.TS11-02-S4 (By Contractor)

ITEM	DESCRIPTION	STR. MKD.	REFERENCE DWG. NO.	QTY.	INVITATION	REMARK
1	115KV. Take-off structure	TS702	ST-TS-7-02	3	-	
2	115KV. Beam structure (9.00m.)	BB703	ST-BB-7-03	2	-	
3	115KV. Power circuit breaker structure	GC87-1	-	4	-	
4	115KV. Disconnecting switch Support structure	GD57-2	ST-DS-4-01	8	-	
5	115KV. Current transformer structure	GC17-1	ST-CT-4-01	9	-	
6	115KV. CCVD. structure	GV77-1	ST-VT-4-01	5	-	
7	Disconnecting switch operating platform	OP002	ST-OP-0-02	10	-	
8	115KV. Bus pole structure (H=6.00m.)	BP705	ST-BP-7-01	18	-	
	115KV. Bus pole structure (H=4.00m.)	BP706	ST-BP-7-01	18	-	
9	115KV. Bus support structure	BS701	ST-BS-7-01	1	-	
10	Junction box for CT	CT7	TP-E-18.2&TP-E-18.4	3	-	
11	Junction box for PT	PT10	TP-E-18.1&TP-E-18.4	2	-	
		PT1	TP-E-18.1&TP-E-18.4	1	-	

ADDITIONAL STEEL STRUCTURE FOR JOB NO.TS11-02-S4 (By EGAT)

1	Disconnecting switch operating platform	OP002	ST-OP-0-02	1	H03(P)(1-3.4)	FROM EXISTING
2	115KV. Bus pole structure (H=6.00m.)	BP705	ST-BP-7-01	6	TS10-MJ-05-3(3-9)	-

ADDITIONAL STEEL STRUCTURE FOR JOB NO.TS11-17-S12(By Contractor)

1	115KV. Take-off structure	TS701	ST-TS-7-01	2	-	-
2	115KV. Beam structure (9.00m.)	BB701	ST-BB-7-01	2	-	-
3	115KV. Power circuit breaker structure	GC87-1	-	1	-	-
4	115KV. Disconnecting switch Support structure	GD57-2	ST-DS-4-01	4	-	-
5	115KV. Current transformer structure	GC17-1	ST-CT-4-01	6	-	-
6	115KV. CCVD. structure	GV77-1	ST-VT-4-01	3	-	-
7	Disconnecting switch operating platform	OP002	ST-OP-0-02	4	-	-
8	115KV. Bus pole structure (H=6.00m.)	BP705	ST-BP-7-01	3	-	-
	115KV. Bus pole structure (H=4.00m.)	BP706	ST-BP-7-01	6	-	-
9	Junction box for CT	CT7	TP-E-18.2&TP-E-18.4	1	-	-
		CT3	TP-E-18.2&TP-E-18.4	1	-	-
10	Junction box for PT	PT9	TP-E-18.1&TP-E-18.4	1	-	-

ADDITIONAL STEEL STRUCTURE FOR JOB NO.TS11-16-S11(By EGAT)

1	22KV.Shunt capacitor bank support structure	SK204	FD-SK-2-04	2	-	
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ADDITIONAL STEEL STRUCTURE FOR JOB NO.TS11-17-S74

1	115KV. Take-off structure	TS701	ST-TS-7-01	5	TS11-0402-MJ-01-300A3-01	DEMCO
2	115KV. Beam structure (9.00m.)	BB701	ST-BB-7-01	3	TS11-0402-MJ-01-300A3-10	DEMCO
		BB701	ST-BB-7-01	1	TS11-0402-MJ-01-300A3-10	DEMCO
3	115KV. Power circuit breaker structure	CB713	-	2	TS11-MJ-01-200C2-10	UWC
4	115KV. Disconnecting switch Support structure	GD57-2	ST-DS-4-01	4	TS11-MJ-01-200C2-30	UWC
		GD57-2	ST-DS-4-01	4	2007-05-20(1-4)	-
5	115KV. Current transformer structure	GC17-1	ST-CT-4-01	6	TS10-MJ-08-100C2-10	UWC
		GC17-1	ST-CT-4-01	6	-	-
6	115KV. CCVD. structure	GV77-1	ST-VT-4-01	6	TS11-MJ-01-100C4-11	UWC
7	Disconnecting switch operating platform	OP002	ST-OP-0-02	8	TS11-0402-MJ-01-300A3-30	DEMCO
8	115KV. Bus pole structure (H=6.00m.)	BP705	ST-BP-7-01	3	TS10-SC-200(X2-6)	DEMCO
		BP705	ST-BP-7-01	9	TS10-SC-200(X2-6)	DEMCO
9	115KV. Bus pole structure (H=4.00m.)	BP706	ST-BP-7-01	12	TS11-0402-MJ-01-300A3-30	DEMCO
10	Junction box for CT	CT3	TP-E-18.2&TP-E-18.4	2	TS11-0402-MJ-01-300A1-01	PRECISE
		CT7	TP-E-18.2&TP-E-18.4	2	TS11-0402-MJ-01-300A1-01	PRECISE
11	Junction box for PT	PT9	TP-E-18.1&TP-E-18.4	2	TS11-0402-MJ-01-300A1-01	PRECISE

ADDITIONAL STEEL STRUCTURE FOR JOB NO.TS12-16-S35 (By EGAT)

ITEM	DESCRIPTION	STR. MKD.	REFERENCE DWG. NO.	QTY.	INVITATION	REMARK
1	115KV. Take-off structure	TS701	ST-TS-7-01	2	-	-
2	115KV. Beam structure (9.00m.)	BB701	ST-BB-7-01	2	-	-
3	115KV. Disconnecting switch structure	GD57-2	ST-DS-4-01	4	-	-
	115KV. Disconnecting switch structure	GD57-12	ST-DS-4-01	1	-	From Existing
4	115KV. Power Circuit breaker structure	CB701	-	1	-	From Existing (115KV Capacitor bank)
	115KV. Power Circuit breaker structure	CB701	-	1	-	-
5	115KV. Current transformer structure	GC17-1	ST-CT-4-01	6	-	-
	115KV. Current transformer structure	GC17-1	ST-CT-4-01	3	-	From Existing (115KV Capacitor bank)
6	115KV. CCVT structure	GV77-1	ST-VT-4-01	3	-	-
7	115KV. Bus pole structure (H=6.00m.)	BP705	ST-BP-7-01	6	-	-
	115KV. Bus pole structure (H=6.00m.)	BP705	ST-BP-7-01	6	-	-
8	115KV. Bus pole structure (H=4.00m.)	BP706	ST-BP-7-01	6	-	-
	Disconnecting switch operating platform	OP002	ST-OP-0-02	4	-	-
	Disconnecting switch operating platform	OP002	ST-OP-0-02	1	-	FROM EXISTING
10	Junction Box for 115KV. CT.	CT3	TP-E-18.2&18.4	1	-	-
11	Junction Box for 115KV. CT.	CT1	TP-E-18.2&18.4	1	-	-
12	Junction Box for 115KV. PT.	PT9	TP-E-18.2&18.4	1	-	-
13	115KV. Capacitor bank skid base	SK717	FD-SK-7-16	1	-	-
14	115KV. Capacitor bank skid base	SK718	FD-SK-7-16	2	-	-
15	Concrete pole (H=18.00m.)	CP18	CP-SE-4-01	1	-	-

ADDITIONAL STEEL STRUCTURE FOR JOB NO.ESCL-01-S01 (By EGAT)

ITEM	DESCRIPTION	STR. MKD.	REFERENCE DWG. NO.	QTY.	INVITATION	REMARK
1	115-22KV Power Transformer	T-125	-	1	-	SUPPLY AND INSTALLATION BY EGAT
2	115kV Take-off structure	TS701	ST-TS-7-01	4	-	SPPC-SS-08 AND UYAP-SS-01 AND RUP-SS-01C3-1(A1-4), TS10-MJ-00C3-3)
3	115KV. Beam structure (11.00m.)	BB702	ST-BB-7-02	2	-	TS11-SS-01 (1-18 and 1-17)
4	115KV. Power Circuit breaker structure	CB701	-	1	-	SPPC-MJ2-03 AND SPPC-MJ2-02(R) AND UYAP-MJ2-01-A(A2-6)
5	115KV. Disconnecting switch structure	GD57-2	ST-DS-4-01	3	-	TS11-MJ-03-2(P)(3-2)
6	115KV. Current transformer structure	GC17-1	ST-CT-4-01	6	-	SPPC-MJ1-04 and SPPC-MJ1-01(R) and UYAP-MJ1-01(A2-17), TS11-MJ-02-1-U2-28)
7	115KV. CCVT structure	GV77-1	ST-VT-4-01	3	-	TS12-MJ1-01 AND MARI-MJ1-01-T(A4-7)
8	Disconnecting switch operating platform	OP002	ST-OP-0-02	4	-	SPPC-SS-08 AND UYAP-SS-01 AND RLPI-SS-01(C1-11)
9	115KV. Bus pole structure (H=6.00m.)	BP705	ST-BP-7-01	9	-	TS11-SS-01(1-30)
10	115KV. Bus pole structure (H=4.00m.)	BP706	ST-BP-7-01	4	-	TS11-SS-01(1-37)
11	22KV. Bus support structure	BS202	ST-BS-2-02	1	-	SUPPLY AND INSTALLATION BY CONTRACTOR
12	Junction Box for 115KV. CT.	CT7	TP-E-18.2&18.4	1	-	SPPC-MJ3-01-S(1-9)
13	Junction Box for 115KV. CT.	CT3	TP-E-18.2&18.4	1	-	SPPC-MJ3-02 and UYAP-MJ3-01(A1-6)
14	Junction Box for 115KV. PT.	PT9	TP-E-18.2&18.4	1	-	SPPC-MJ3-03 and UYAP-MJ3-01(A1-13)
15	Outdoor Marshalling cubicle	MC002	TP-E-10.5&10.6&10.8	1	-	SUPPLY AND INSTALLATION BY CONTRACTOR
16	Outdoor receptacle box	ORB1	ST-ORB-0-01	1	-	SUPPLY AND INSTALLATION BY CONTRACTOR
17	Junction box support structure	JB001	ST-JB-0-01	2	-	SUPPLY AND INSTALLATION BY CONTRACTOR
18	Junction box support structure	JB003	ST-JB-0-03	1	-	SUPPLY AND INSTALLATION BY CONTRACTOR

ได้ตรวจสอบแล้ว
ลงชื่อ.....
(นางวันวรรณ ศรีวัฒนเมธีพร)
วันที่..... 23 มี.ค. 2561
กองวิศวกรรมสถานไฟฟ้าแรงสูง

FOR BIDDING ONLY

ELECTRICITY GENERATING AUTHORITY OF THAILAND

DRAWN	PAKANAI	VALIDATED	CHIEF, SUBSTATION ENGINEERING DEPARTMENT	DRAWING NAME	CHAI BADAN SUBSTATION
DESIGNED		RECOMMENDED	ASSISTANT DIRECTOR, TRANSMISSION SYSTEM ENGINEERING DIVISION	DESCRIPTION OF DETAIL DRAWING	SUBSTATION STRUCTURE LAY-OUT
VERIFIED		CONCURRED	DIRECTOR, TRANSMISSION SYSTEM ENGINEERING DIVISION		
APPROVED				JOB NO.	ESCL-01-S01
			ASSISTANT GOVERNOR - TRANSMISSION SYSTEM ENGINEERING	REPLACING DWG.NO.	
				DWG.NO.	CBD-S-7
				02	REV.
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