

ELECTRICITY GENERATING AUTHORITY OF THAILAND

SUPPLEMENTAL NOTICE NO. 1

INVITATION TO BID NO. IPP3-S-02 and TIPE-S-05

SUPPLY AND CONSTRUCTION FOR
EXPANSION OF 500/230 kV PLUAK DAENG SUBSTATION AND
IMPROVEMENT OF 230 kV RAYONG 2, 500 kV CHACHOENSAO 2
AND 230 kV BAN KHAI SUBSTATIONS

TRANSMISSION SYSTEM DEVELOPMENT PROJECT FOR POWER PURCHASE
FROM INDEPENDENT POWER PRODUCERS PHASE 3

TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN EASTERN REGION
TO ENHANCE SYSTEM SECURITY

(TWO-ENVELOPE)

The attached Supplemental Notice shall be considered as part of the bidding documents No. IPP3-S-02 and TIPE-S-05.

As acknowledgement of receipt that all additions, deletions and revisions contained in this Supplemental Notice are incorporated into the above bidding documents, Bidder is requested to sign and return this acknowledgement via email address : permboon.p@egat.co.th within three (3) days from the date of the announcement of this Supplemental Notice on <http://www4.egat.co.th/fprocurement/biddingeng/>.

The original acknowledgement which is manually signed in ink by a person or persons duly authorized shall be included in the proposal to be submitted on the bid opening date.

ELECTRICITY GENERATING AUTHORITY OF THAILAND

October 24, 2019

ACKNOWLEDGEMENT

This undersigned Bidder hereby certifies that the additions, deletions and revisions set forth in this Supplemental Notice to Invitation to Bid No. IPP3-S-02 and TIPE-S-05 are incorporated as part of the above bidding documents and will be fully included in any bid which he may submit.

Signed _____

Title _____

Company _____

Date _____

ELECTRICITY GENERATING AUTHORITY OF THAILAND

SUPPLEMENTAL NOTICE NO. 1

INVITATION TO BID NO. IPP3-S-02 and TIPE-S-05

SUPPLY AND CONSTRUCTION FOR EXPANSION OF 500/230 kV PLUAK DAENG
SUBSTATION AND IMPROVEMENT OF 230 kV RAYONG 2,
500 kV CHACHOENGSAO 2 AND 230 kV BAN KHAI SUBSTATIONS

TRANSMISSION SYSTEM DEVELOPMENT PROJECT FOR
POWER PURCHASE FROM INDEPENDENT POWER PRODUCERS PHASE 3

TRANSMISSION SYSTEM IMPROVEMENT PROJECT
IN EASTERN REGION TO ENHANCE SYSTEM SECURITY

The following supplemental information is hereby given for the above
described Invitation:

Volume I of IV

Section A : Invitation to Bid

1. Replace EGAT Accepted Bidders List for Supply and Construction of Substations with the revised one with (Rev. Oct. 2019) attached.
2. Replace the following Documents with the revised ones attached.
 - 1.) EGAT Accepted Coupling Capacitor Voltage Transformer List
 - 2.) EGAT Accepted Power Circuit Breaker List
 - 3.) EGAT Accepted Disconnecting Switch List

Bid submitted must be in accordance with this Notice. Receipt of this Notice shall be acknowledged by the Bidder on the proposal included in the Bidding Documents in the space provided on page Part 3 – C20, Article C-5 Supplemental Notices.

ELECTRICITY GENERATING
AUTHORITY OF THAILAND

.....October 24, 2019.....

EGAT Accepted Bidders List for Supply and Construction of Substations

No.	Bidder / Country	Acceptance for		
		500 kV	230 kV	115&69 kV
1	ABB Limited / Thailand	YES	YES	YES
2	Grid Solutions SAS / France	YES	YES	YES
3	Hitachi Ltd. / Japan	YES	YES	YES
4	Hyosung Heavy Industries Corporation / Korea	YES	YES	YES
5	KEC International Limited / India	YES	YES	YES
6	Mitsubishi Corporation / Japan	YES	YES	YES
7	Mitsubishi Electric Corporation / Japan	YES	YES	YES
8	SEPCOIII Electric Power Construction Corporation / China	YES	YES	YES
9	Siemens Limited / Thailand	YES	YES	YES
10	Sri U-Thong Limited / Thailand	YES	YES	YES
11	TEDA Company Limited / Thailand	YES	YES	YES
12	Joint Venture of Sinohydro and SEPCOIII (Sinohydro (Thailand) Company Limited / Thailand and SEPCOIII Electric Power Construction Corporation / China)	YES	YES	YES
13	Consortium of Grid Solutions (Thailand) Ltd. and Grid Solutions SAS (Grid Solutions (Thailand) Ltd. / Thailand and Grid Solutions SAS / France)	YES	YES	YES
14	Consortium of Larsen & Toubro Limited and Sri U-Thong Limited (Larsen & Toubro Limited / India and Sri U-Thong Limited / Thailand)	YES	YES	YES
15	Consortium of Loxley Public Co., Ltd. and Sri U-Thong Limited (Loxley Public Co., Ltd. / Thailand and Sri U-Thong Limited / Thailand)	YES	YES	YES
16	Consortium of Sinohydro and SEPCOIII (Sinohydro (Thailand) Company Limited / Thailand and SEPCOIII Electric Power Construction Corporation / China)	YES	YES	YES
17	SBV Consortium (Sumitomo Corporation / Japan, Black & Veatch (Thailand) Limited / Thailand and Italian-Thai Development / Thailand)	YES	YES	YES
18	The Consortium of Mitsubishi Corporation and DEMCO Public Company Limited (Mitsubishi Corporation / Japan and DEMCO Public Company Limited / Thailand)	YES	YES	YES
19	The Consortium of Precise System and Project Co., Ltd. and Hitachi Ltd. (Precise System and Project Co., Ltd. / Thailand and Hitachi Ltd. / Japan)	YES	YES	YES
20	The Consortium of Mitsubishi Corporation and PWH (Thailand) Company Limited (Mitsubishi Corporation / Japan and PWH (Thailand) Company Limited / Thailand)	YES	YES	YES
21	Consortium of Larsen & Toubro Limited and Mitsubishi Corporation (Larsen & Toubro Limited / India and Mitsubishi Corporation / Japan)	YES	YES	YES
22	Hyundai Engineering & Construction Co., Ltd. / Korea		YES	YES
23	Larsen & Toubro Limited / India		YES	YES
24	Precise System and Project Co., Ltd. / Thailand		YES	YES
25	Kinden Corporation - Kinden (Thailand) Co., Ltd. Joint Venture (Kinden Corporation / Japan and Kinden (Thailand) Co., Ltd. / Thailand)		YES	YES
26	The Joint Venture of SRI and PWH (Sri U-Thong Limited / Thailand and PWH (Thailand) Company Limited / Thailand)		YES	YES





EGAT Accepted Bidders List for Supply and Construction of Substations

No.	Bidder / Country	Acceptance for		
		500 kV	230 kV	115&69 kV
27	The Consortium of Kinden Corporation and Perfect Engineering Service Public Co., Ltd. (Kinden Corporation / Japan and Perfect Engineering Service Public Co., Ltd. / Thailand)		YES	YES
28	The Consortium of SCL-STC and ITE (Sinohydro Corporation Limited / China, Sinohydro (Thailand) Company Limited / Thailand and Italthai Engineering Co., Ltd. / Thailand)		YES	YES
29	The Consortium of Siemens Limited and Sinkarnchang Company Limited (Siemens Limited / Thailand and Sinkarnchang Company Limited / Thailand)		YES	YES
30	The Consortium of Siemens Limited and Standard Performance Company Limited (Siemens Limited / Thailand and Standard Performance Company Limited / Thailand)		YES	YES
31	Demco Public Company Limited / Thailand			YES
32	Hyundai Heavy Industries Co., Ltd. / Korea			YES
33	Italthai Engineering Co., Ltd. / Thailand			YES
34	Joint Venture of Sinohydro Corporation Limited and Sinohydro (Thailand) Company Limited (Sinohydro Corporation Limited / China and Sinohydro (Thailand) Company Limited / Thailand)			YES
35	Consortium ITE and HHI (Italthai Engineering Co., Ltd. / Thailand and Hyundai Heavy Industries Company Limited / Korea)			YES
36	The Consortium of Demco Public Co., Ltd. Perfect Engineering Service Public Co., Ltd. And Demco Power Co., Ltd. (Demco Public Company Limited / Thailand, Perfect Engineering Service Public Co., Ltd. / Thailand and Demco Power Co., Ltd. / Thailand)			YES

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EGAT Accepted Coupling Capacitor Voltage Transformer List

Description	Manufacturer / Country	Type/Model
230 kV CCVT	ABB AB SVERIGE / Sweden	CPB 245
	GE GRID SOLUTIONS (U.S.) ALSTOM GRID LLC / U.S.A.	OTCF 245
	ELECTROTECHNICAL ARTECHE HER MANOS, S.L. / Spain	DFK-245
	NISSIN ELECTRIC (WUXI) CO., LTD. / China	WVL230-5H
	TRENCH ITALIA S.R.L. CAIRO MONTENOTTE / Italy	TCVT 245
	EMEK ELEKTRIK ENDUSTRISI A.S. / Turkey	KGT-245
115 kV CCVT	ABB AB SVERIGE / Sweden	CPB 123
	GE GRID SOLUTIONS (U.S.) ALSTOM GRID LLC / U.S.A.	OTCF 123
	ELECTROTECNICA ARTECHE HERMANOS, S.L. / Spain	DDB-123
	EMEK ELEKTRIK ENDUSTRISI A.S. / Turkey	KGT-125
	NISSIN ELECTRIC (WUXI) CO., LTD. / China	WVL115-10H
	TRENCH ITALIA S.R.L. CAIRO MONTENOTTE / Italy	TCVT 123

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EGAT Accepted Power Circuit Breaker List

Description	Manufacturer / Country	Type/Model	1&3 pole	3 pole	Type of Mechanism
550 kV, 4,000 A, 50 kA GCB (Class C1)	Siemens / Germany	3AP2FI-550kV	Yes	Yes	FA5 (Spring)
	ABB / Sweden	HPL550B2	Yes	Yes	BLG1002A (Spring)
	GE / France	GL317	Yes	Yes	FK3-4 (Spring)
245 kV, 4,000 A, 50 kA GCB (Class C1)	ABB / Sweden	LTB245E1	Yes	Yes	BLK222 (Spring)
				Yes	BLG1002A (Spring)
	GE / France	GL314	Yes	Yes	FK3-1 (Spring)
	Siemens / Germany	3AP1FI-245	Yes	Yes	FA2 (Spring)
		3AP1FG-245		Yes	FA4 (Spring)
	Sieyuan / China	LW58-252	Yes	Yes	SRCT36E (Spring)
				Yes	SSCT33 (Spring)
123 kV, 3,150 A, 40 kA GCB (Class C1)	ABB / Sweden	LTB145D1/B		Yes	BLK222 (Spring)
	ABB / China	LTB145D1/B		Yes	BLK222 (Spring)
	GE / Germany	GL312F1/4031P		Yes	FK3-1 (Spring)
	Siemens / Germany	3AP1FG-123		Yes	FA2 (Spring)
	Siemens / India	3AP1FG-145kV		Yes	FA2 (Spring)
	Sieyuan / China	LW36-145		Yes	SRCT36E (Spring)

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EGAT Accepted Disconnecting Switch List

Description	Manufacturer / Country	Type/Model
550 kV, 4,000 A air switch	Coelme / Italy	STC
	GE / Italy	S3CD550/4000
	Hapam / Netherlands	SSBIII-525
550 kV, 4,000 A, air switch with grounding blade	Coelme / Italy	STC-E
	GE / Italy	S3CDT550/4000
	Hapam / Netherlands	SSBIII-AM-525
245 kV, 4,000 A, air switch	Coelme / Italy	TCB
	GE / Italy	S3CD245/4000
	Hapam / Netherlands	SSBIII-245
245 kV, 4,000 A, air switch with grounding blade	Coelme / Italy	TCB-E
	GE / Italy	S3CDT245/4000
	Hapam / Netherlands	SSBIII-AM-245
245 kV, 3,150 A air switch	Coelme / Italy	TCB
	Hapam / Netherlands	SSBIII-245
	GE / Italy	S3C245/3150
245 kV, 3,150 A air switch with grounding blade	Coelme / Italy	TCB-E
	Coelme / Italy	TCB-E Special
	Hapam / Netherlands	SSBIII-AM-245
	GE / Italy	S3CT245/3150

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EGAT Accepted Disconnecting Switch List

Description	Manufacturer / Country	Type/Model
123 kV, 3,150 A air switch	Coelme / Italy	TCB
	GE / Italy	S3C123/3150
	Hapam / Netherlands	SSBIII-123
123 kV, 3,150 A air switch with grounding blade	Coelme / Italy	TCB-E
	GE / Italy	S3CT123/3150
	Hapam / Netherlands	SSBIII-AM-123
123 kV, 2,000 A air switch	Coelme / Italy	TCB
	GE / Italy	S3C123/2000
	Hapam / Netherlands	SSBIII-123
123 kV, 2,000 A air switch with grounding blade	Coelme / Italy	TCB-E Special
	GE / Italy	S3CT123/2000
	Hapam / Netherlands	SSBIII-AM-123

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