

ELECTRICITY GENERATING AUTHORITY OF THAILAND

SUPPLEMENTAL NOTICE NO. 1

INVITATION TO BID NO. TIEC-TILS-LPLC-NPUP-MJ2-01

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH
TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN NORTHEASTERN,
LOWER NORTHERN, CENTRAL REGIONS AND BANGKOK AREA TO
ENHANCE SYSTEM SECURITY

TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN LOWER SOUTHERN
REGION TO ENHANCE SYSTEM SECURITY

LONG-TERM INVESTMENT PLAN TO ACCOMMODATE
LARGE POWER CONSUMER

TRANSMISSION SYSTEM DEVELOPMENT IN THE AREA OF NAN PHRAE AND
UTTARADIT PROVINCES FOR POWER PURCHASE FROM LAO PDR PROJECTS

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

Section C : Proposal

1. Revise Price Schedule A1, Service of Installation Supervisor (Schedule A1), A2, C1, D1 and Service of Installation Supervisor (Schedule D1) with the revised ones with (Rev.1) attached.
2. Replace pages Part 3 – C1 and Part 3 – C7 of Delivery Schedule and Distribution List with the revised pages with (Rev.1) attached.

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 C3, Article C-7. Supplemental Notices.

ELECTRICITY GENERATING
AUTHORITY OF THAILAND

.....August 27, 2026.....

INVITATION TO BID NO. TIEC-TILS-LPLC-NPUP-MJ2-01

Schedule A1 : 550 kV Power Circuit Breaker for 550 kV 55 Mvar Shunt Reactor

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN NORTHEASTERN, LOWER NORTHERN, CENTRAL REGIONS AND BANGKOK AREA TO ENHANCE SYSTEM SECURITY

Item No.	Description	Qty.	Unit	Currency	Supply of Equipment				Supply of Equipment		Foreign Currency (excluding VAT)	Local Currency (excluding VAT) Baht
					Foreign Supply				Local Supply			
					FOB Vessel	Cost of Transportation to Thai Port	CFR Thai Port		Ex-works Price (excluding VAT) Baht			
					Unit Price	Unit Price	Unit Price	Amount	Unit Price	Amount	Amount	Amount
A1-1	Reference : Specification No. 156 <i>550 kV 4000 A 50 kA GCB 1&3 pole trip as per Ratings and Features RF CB995R(IEC) for 550 kV 55 Mvar Y-connected five-limbed core type Shunt reactor with 145 kV 0.946 Mvar Neutral reactor with earthed neutral (Zero Sequence Reactance (Xn) = 2,000 Ohm)</i>	2									XXXXX	XXXXX
A1-2	Swing Rack Cabinet as per dwg. no. TP-E-10.1 completed with two Controlled Switching Device (CSD) and Control Cable link between Power Circuit Breaker and CSD (include to CT/ VT) for item no. A1-1	1									XXXXX	XXXXX
A1-3	Circuit breaker marshalling KIOSK as reference Dwg. No. TP-E-6.13 and KK4-S-1 for item no. A1-1	2									XXXXX	XXXXX
A1-4	Steel Supporting Structure for CB995R(IEC)* for item no. A1-1	2									XXXXX	XXXXX
A1-5	<i>The equipment for complete operation of 550 kV Power Circuit Breaker for Shunt Reactor CB995R(IEC) (item A1-1) (If any, give details)</i>	2	set								XXXXX	XXXXX
A1-6	Cost of installation supervisor for item A1-1		Man day		XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX		
A1-7	Cost of installation supervisor for item A1-2		Man day		XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX		
	For item no. A1-1, the bidder shall submit calculations and/or simulations of transient recovery voltages (TRV) using the typical parameters of the specified shunt reactor (SHR) and neutral reactor (NGR) to confirm that the proposed circuit breaker can switch the stated ratings of the SHR and NGR. If additional equipment is required for the operation of the power circuit breaker, such equipment shall be supplied as part of this project and shall be compatible with the substation layout according to Dwg. No. KK4-S-7. The length of Control Cable linking between Power Circuit Breaker and Controlled Switching Device and CT/VT is referred from Dwg. No. KK4-S-7 For item no. A1-3, Bidder shall submit Bill of Material and equipment layout diagram <i>Equipments which shall be used together as a complete set referring to Article relevant to Liquidated Damages for Late Delivery of Equipment are item nos. A1-1 with A1-4 & A1-5.</i>											
Total Price for Schedule A1									Baht			Baht

*The design of supporting structures of circuit breaker shall be verified by circuit breaker manufacturer.

INVITATION TO BID NO. TIEC-TILS-LPLC-NPUP-MJ2-01

Service of Installation Supervisor (Schedule A1)

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN NORTHEASTERN, LOWER NORTHERN, CENTRAL REGIONS AND BANGKOK AREA TO ENHANCE SYSTEM SECURITY

Item No.	Description	Qty.	Unit	Currency	Foreign Currency (excluding VAT)		Local Currency (excluding VAT) Baht	
					Unit Price	Amount	Unit Price	Amount
A1-6	Cost of installation supervisor for item A1-1		Man day					
A1-7	Cost of installation supervisor for item A1-2		Man day					

Note:

1. The quoted total man-days for installation supervisor shall be the required number of days for complete installation, erection, field test and commissioning of all equipment as specified.
2. In addition to the quoted total man-days above, EGAT will also pay the following :
 - a. Travelling time from and to Supervisor's home office as well as travelling time from and to the installation site including ten (10) working days of operation, if any, which will be at the same rate as the cost quoted per man-day.
 - b. Airfares round trip economy class between the Supervisor 's home office and Bangkok by the most expeditious and direct route.
3. Local transportation from and to installation site will be provided by EGAT.
4. If the working man-days are less than the quoted total man-days, the payment shall be on the basis of actual man-days.
5. For man-days exceeding the quoted total amount, no payment shall be made by EGAT. Any such additional man-days approved by EGAT shall be paid on the quoted man-days rate.

INVITATION TO BID NO. TIEC-TILS-LPLC-NPUP-MJ2-01

Schedule A2 : 550 kV Power Circuit Breaker for 550 kV 110 Mvar Shunt Reactor

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN NORTHEASTERN, LOWER NORTHERN, CENTRAL REGIONS AND BANGKOK AREA TO ENHANCE SYSTEM SECURITY

Item No.	Description	Qty.	Unit	Currency	Supply of Equipment				Supply of Equipment		Foreign Currency (excluding VAT)	Local Currency (excluding VAT) Baht
					Foreign Supply				Local Supply			
					FOB Vessel	Cost of Transportation to Thai Port	CFR Thai Port		Ex-works Price (excluding VAT) Baht			
					Unit Price	Unit Price	Unit Price	Amount	Unit Price	Amount		
A2-1	Reference : Specification No. 156 550 kV 4000 A 50 kA GCB 1&3 pole trip as per Ratings and Features RF CB995R(IEC) for 550 kV 110 MVar Y-connected five-limbed core type Shunt reactor	2									XXXXXX	XXXXXX
A2-2	Swing Rack Cabinet as per dwg. no. TP-E-10.1 completed with two Controlled Switching Device (CSD) and Control Cable link between Power Circuit Breaker and CSD (include to CT/ VT) for item no. A2-1	1									XXXXXX	XXXXXX
A2-3	Circuit breaker marshalling KIOSK as reference Dwg. No. TP-E-6.13 and KK4-S-1 for item no. A2-1	2									XXXXXX	XXXXXX
A2-4	Steel Supporting Structure for CB995R(IEC)* for item no. A2-1	2									XXXXXX	XXXXXX
A2-5	Cost of installation supervisor for item A2-1		Man day		XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX		
A2-6	Cost of installation supervisor for item A2-2		Man day		XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX		
	For item no. A2-1, the bidder shall submit calculations and/or simulations of transient recovery voltages (TRV) using the typical parameters of the specified shunt reactor (SHR) to confirm that the proposed circuit breaker can switch the stated ratings of the SHR. The length of Control Cable linking between Power Circuit Breaker and Controlled Switching Device and CT/VT is referred from Dwg. No. KK4-S-7 For item no. A2-3, Bidder shall submit Bill of Material and equipment layout diagram <i>Equipments which shall be used together as a complete set referring to Article relevant to Liquidated Damages for Late Delivery of Equipment are item nos. A2-1 with A2-4.</i>											
Total Price for Schedule A2									Baht			Baht

*The design of supporting structures of circuit breaker shall be verified by circuit breaker manufacturer.

INVITATION TO BID NO. TIEC-TILS-LPLC-NPUP-MJ2-01
Schedule C1 : 550 kV Power Circuit Breaker
SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH
LONG-TERM INVESTMENT PLAN TO ACCOMMODATE LARGE POWER CONSUMER

Item No.	Description	Qty.	Unit	Currency	Supply of Equipment				Supply of Equipment		Foreign Currency (excluding VAT)	Local Currency (excluding VAT) Baht
					Foreign Supply				Local Supply			
					FOB Vessel	Cost of Transportation to Thai Port	CFR Thai Port		Ex-works Price (excluding VAT) Baht			
					Unit Price	Unit Price	Unit Price	Amount	Unit Price	Amount		
C1-1	Reference : Specification No. 156 550 kV 4000 A 50 kA GCB 1&3 pole trip as per Ratings and Features RF CB9952(IEC)	3									XXXXXX	XXXXXX
C1-2	Circuit breaker marshalling KIOSKas reference Dwg. No. TP-E-6.13 and XXXX-S-1,2 for item no. C1-1	3									XXXXXX	XXXXXX
C1-3	Steel Supporting Structure for CB9952(IEC)* for item no. C1-1	3									XXXXXX	XXXXXX
C1-4	Cost of installation supervisor for item C1-1		Man day		XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX		
	For item no. C1-2, Bidder shall submit Bill of Material and equipment layout diagram <i>Equipments which shall be used together as a complete set referring to Article relevant to Liquidated Damages for Late Delivery of Equipment are item nos. C1-1 with C1-3.</i>											
Total Price for Schedule C1									Baht			Baht

*The design of supporting structures of circuit breaker shall be verified by circuit breaker manufacturer.

INVITATION TO BID NO. TIEC-TILS-LPLC-NPUP-MJ2-01

Schedule D1 : 550 kV Power Circuit Breaker for 550 kV 55 Mvar Shunt Reactor

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

TRANSMISSION SYSTEM DEVELOPMENT IN THE AREA OF NAN PHRAE AND UTTARADIT PROVINCES FOR POWER PURCHASE FROM LAO PDR PROJECTS

Item No.	Description	Qty.	Unit	Currency	Supply of Equipment				Supply of Equipment		Foreign Currency (excluding VAT)	Local Currency (excluding VAT) Baht
					Foreign Supply				Local Supply			
					FOB Vessel	Cost of Transportation to Thai Port	CFR Thai Port		Ex-works Price (excluding VAT) Baht			
					Unit Price	Unit Price	Unit Price	Amount	Unit Price	Amount	Amount	Amount
D1-1	Reference : Specification No. 156 <i>550 kV 4000 A 50 kA GCB 1&3 pole trip as per Ratings and Features RF CB995R(IEC) for 550 kV 55 MVar Y-connected five-limbed core type Shunt reactor with 123 kV 0.681 Mvar Neutral reactor with earthed nuetral (Zero Sequence Reactance (Xn) = 2,000 Ohm)</i>	4									XXXXX	XXXXX
D1-2	Swing Rack Cabinet as per dwg. no. TP-E-10.1 completed with four Controlled Switching Device (CSD) and Control Cable link between Power Circuit Breaker and CSD (include to CT/ VT) for item no. D1-1	1									XXXXX	XXXXX
D1-3	Circuit breaker marshalling KIOSK as reference Dwg. No. TP-E-6.13 and NA-S-1 for item no. D1-1	4									XXXXX	XXXXX
D1-4	Steel Supporting Structure for CB995R(IEC)* for item no. D1-1	4									XXXXX	XXXXX
D1-5	<i>The equipment for complete operation of 550 kV Power Circuit Breaker for Shunt Reactor CB995R(IEC) (item D1-1) (If any, give details)</i>	4	set								XXXXX	XXXXX
D1-6	Cost of installation supervisor for item D1-1		Man day		XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX		
D1-7	Cost of installation supervisor for item D1-2		Man day		XXXXX	XXXXX	XXXXX	XXXXX	XXXXX	XXXXX		
	For item no. D1-1, the bidder shall submit calculations and/or simulations of transient recovery voltages (TRV) using the typical parameters of the specified shunt reactor (SHR) and neutral reactor (NGR) to confirm that the proposed circuit breaker can switch the stated ratings of the SHR and NGR. If additional equipment is required for the operation of the power circuit breaker, such equipment shall be supplied as part of this project and shall be compatible with the substation layout according to Dwg. No. NA-S-7. The length of Control Cable linking between Power Circuit Breaker and Controlled Switching Device and CT/VT is referred from Dwg. No. NA-S-7 For item no. D1-3, Bidder shall submit Bill of Material and equipment layout diagram. <i>Equipmetns which shall be used together as a complete set referring to Article relevant to Liquidated Damages for Late Delivery of Equipment are item nos. D1-1 with D1-4 & D1-5.</i>											
Total Price for Schedule D1										Baht		Baht

*The design of supporting structures of circuit breaker shall be verified by circuit breaker manufacturer.

INVITATION TO BID NO. TIEC-TILS-LPLC-NPUP-MJ2-01

Service of Installation Supervisor (Schedule D1)

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

TRANSMISSION SYSTEM DEVELOPMENT IN THE AREA OF NAN PHRAE AND UTTARADIT PROVINCES FOR POWER PURCHASE FROM LAO PDR PROJECTS

Item No.	Description	Qty.	Unit	Currency	Foreign Currency (excluding VAT)		Local Currency (excluding VAT) Baht	
					Unit Price	Amount	Unit Price	Amount
D1-6	Cost of installation supervisor for item D1-1		Man day					
D1-7	Cost of installation supervisor for item D1-2		Man day					

Note:

1. The quoted total man-days for installation supervisor shall be the required number of days for complete installation, erection, field test and commissioning of all equipment as specified.
2. In addition to the quoted total man-days above, EGAT will also pay the following :
 - a. Travelling time from and to Supervisor's home office as well as travelling time from and to the installation site including ten (10) working days of operation, if any, which will be at the same rate as the cost quoted per man-day.
 - b. Airfares round trip economy class between the Supervisor 's home office and Bangkok by the most expeditious and direct route.
3. Local transportation from and to installation site will be provided by EGAT.
4. If the working man-days are less than the quoted total man-days, the payment shall be on the basis of actual man-days.
5. For man-days exceeding the quoted total amount, no payment shall be made by EGAT. Any such additional man-days approved by EGAT shall be paid on the quoted man-days rate.

INVITATION TO BID NO. TIEC-TILS-LPLC-NPUP-MJ2-01

Delivery Schedule and Distribution List

TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN NORTHEASTERN, LOWER NORTHERN, CENTRAL REGIONS
AND BANGKOK AREA TO ENHANCE SYSTEM SECURITY

Schedule A1 : 550 kV Power Circuit Breaker for 550 kV 55 Mvar Shunt Reactor

Item No.	Description	Qty	Job no.	Substation	Delivery Required by EGAT (within months after confirmation of Letter of Award of Contract)
					CFR Thai Port / Ex-works / DDP EGAT's Store
A1-1	<i>550 kV 4000 A 50 kA GCB 1&3 pole trip as per Ratings and Features RF CB995R(IEC) for 550 kV 55 MVar Y-connected five-limbed core type Shunt reactor with 145 kV 0.946 Mvar Neutral reactor with earthed neutral (Zero Sequence Reactance (Xn) = 2,000 Ohm)</i>	2	TIEC-04-S26	KK4	12
A1-2	Swing Rack Cabinet as per dwg. no. TP-E-10.1 completed with two Controlled Switching Device (CSD) and Control Cable link between Power Circuit Breaker and CSD (include to CT/ VT) for item no. A1-1	1	TIEC-04-S26	KK4	12
A1-3	Circuit breaker marshalling KIOSK as per Dwg. No. TP-E-6.13 and KK4-S-1 for item no. A1-1	2	TIEC-04-S26	KK4	12
A1-4	Steel Supporting Structure for CB995R(IEC)* for item no. A1-1	2	TIEC-04-S26	KK4	12
<i>A1-5</i>	<i>The equipment for complete operation of 550 kV Power Circuit Breaker for Shunt Reactor CB995R(IEC) (item A1-1)</i>	<i>2</i>	<i>TIEC-04-S26</i>	<i>KK4</i>	<i>12</i>

Thai Port = BKK Port

INVITATION TO BID NO. TIEC-TILS-LPLC-NPUP-MJ2-01

Delivery Schedule and Distribution List

TRANSMISSION SYSTEM DEVELOPMENT IN THE AREA OF NAN PHRAE AND UTTARADIT PROVINCES
FOR POWER PURCHASE FROM LAO PDR PROJECTS

Schedule D1 : 550 kV Power Circuit Breaker for 550 kV 55 Mvar Shunt Reactor

Item No.	Description	Qty	Job no.	Substation	Delivery Required by EGAT (within months after confirmation of Letter of Award of Contract)
					CFR Thai Port / Ex-works / DDP EGAT's Store
D1-1	<i>550 kV 4000 A 50 kA GCB 1&3 pole trip as per Ratings and Features RF CB995R(IEC) for 550 kV 55 MVar Y-connected five-limbed core type Shunt reactor with 123 kV 0.681 Mvar Neutral reactor with earthed neutral (Zero Sequence Reactance (Xn) = 2,000 Ohm)</i>	4	NPUP-01-S01	NA	12
D1-2	Swing Rack Cabinet as per dwg. no. TP-E-10.1 completed with four Controlled Switching Device (CSD) and Control Cable link between Power Circuit Breaker and CSD (include to CT/ VT) for item no. D1-1	1	NPUP-01-S01	NA	12
D1-3	Circuit breaker marshalling KIOSK as per Dwg. No. TP-E-6.13 and NA-S-1 for item no. D1-1	4	NPUP-01-S01	NA	12
D1-4	Steel Supporting Structure for CB995R(IEC)* for item no. D1-1	4	NPUP-01-S01	NA	12
<i>D1-5</i>	<i>The equipment for complete operation of 550 kV Power Circuit Breaker for Shunt Reactor CB995R(IEC) (item D1-1)</i>	<i>4</i>	<i>NPUP-01-S01</i>	<i>NA</i>	<i>12</i>

Thai Port = BKK Port