

ELECTRICITY GENERATING AUTHORITY OF THAILAND

**Supplemental Notice No. 1**

**Invitation to Bid No. TS12-SC-05**

**Supply of Shunt Capacitor Bank**

**Transmission System Expansion Project No. 12**

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The attached Supplemental Notice shall be considered as part of the bidding documents No. TS12-SC-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 : [jatuphon.p@egat.co.th](mailto:jatuphon.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

March 29, 2022

ACKNOWLEDGEMENT

This undersigned Bidder hereby certifies that the additions, deletions and revisions set forth in this Supplemental Notice to Invitation to Bid No. TS12-SC-05 are incorporated as part of the above bidding documents and will be fully included in any bids which he may submit.

Signed \_\_\_\_\_

Title \_\_\_\_\_

Company \_\_\_\_\_

Date \_\_\_\_\_

ELECTRICITY GENERATING AUTHORITY OF THAILAND

SUPPLEMENTAL NOTICE NO. 1  
INVITATION TO BID NO. TS12-SC-05  
SUPPLY OF SHUNT CAPACITOR BANK  
TRANSMISSION SYSTEM EXPANSION PROJECT NO. 12

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

Section G : Ratings and Features

Replace page G6 of Ratings and Features with the revised page 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

.....March 29....., 2022.....



<b>Ratings and Features</b>	<b>Designed :</b> <a href="#">via ECM system</a>	<b>Validated :</b> <a href="#">via ECM system</a>	<b>Revision 2</b>	<b>Page 1/1</b>
<b>RF No. CK3101</b>	<b>Verified :</b> <a href="#">via ECM system</a>	<b>Approved :</b> <a href="#">via ECM system</a>	<b>Dated :</b> <a href="#">via ECM system</a>	

### SHUNT CAPACITOR BANK

a. Type	outdoor installation
b. Nominal System Voltage	33 kV
c. Frequency	50 Hz
d. Capacity / Voltage Rating	3.6 MVAR/36 kV
e. Impulse Withstand (BIL), Peak	200 kV
f. Creepage Distance of Insulator	≥ 25 mm / kVmax

### CAPACITOR UNIT

a. Type	outdoor, Non PCB, <i>external fuse</i>
b. Unit Voltage	20.8 kV
c. Unit Capacity	200 kVAR
d. Impulse Withstand (BIL), Peak	200 kV

### CAPACITOR BANK ASSOCIATED EQUIPMENT

	See Ratings and Features
a. Power Circuit Breaker	RF CB351S (IEC)
b. Vacuum Switch	RF VS3201
c. Air Switch	RF -
d. Current Transformer	RF -
e. Power Fuse	RF PF3221

### CURRENT LIMITING REACTOR

a. Type	Outdoor, dry type, air core
b. Quality	One reactor per phase
c. Inductance per phase	100 μH
d. Continuous Current Rating	100 A
e. Short Time Thermal Current Rating for 1 s	9 kA
f. Impulse Withstand (BIL), Peak	200 kV
g. Limits of Temperature Rise	
- Winding Temperature Rise	80 °C
- Hottest Spot Winding Temperature Rise	110 °C