

ELECTRICITY GENERATING AUTHORITY OF THAILAND

Supplemental Notice No. 3

Invitation to Bid No. TIEC-TX-03

Supply of 333.33 MVA 500 kV Power Transformer

**Transmission System Improvement Project in Northeastern, Lower Northern,
Central Regions and Bangkok Area to Enhance System Security**

The attached Supplemental Notice shall be considered as part of the bidding documents No. TIEC-TX-03.

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 : wirinya.cha@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

July 6, 2026

ACKNOWLEDGEMENT

This undersigned Bidder hereby certifies that the additions, deletions and revisions set forth in this Supplemental Notice to Invitation to Bid No. TIEC-TX-03 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. 3

INVITATION TO BID NO. TIEC-TX-03

SUPPLY OF 333.33 MVA 500 kV POWER TRANSFORMER

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

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

Section G : Ratings and Features

Replace pages G5 and G6 of Ratings and Features 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

July 6, 2026

**Surge Arrester
Specification No. 741**



**Substation Electrical
Equipment Engineering Department**

Ratings and Features	Designed : via ECM system	Validated : via ECM system	Revision 1	Page 1/1
RF No. SA8Y1A	Verified : via ECM system	Approved : via ECM system	Dated : 16/06/2026	

a. Type	Metal Oxide without series gaps
b. Class	Station Class
c. Rated Frequency	50 Hz
d. Nominal System Voltage	230 kV
e. Highest Voltage for Equipment	245 kV
f. Arrester Voltage Rating	≥ 192 kVrms
g. Insulator	[x] Porcelain [] Polymer
h. Repetitive Charge Transfer Rating (Qrs)	≥ 2.0 C
i. Thermal Energy Rating (Wth)	7 kJ/kV
j. Rated Short Circuit Current	63 kA
k. Maximum Lightning Impulse Residual Voltage	440 kV crest @ 5 kA 470 kV crest @ 10 kA 515 kV crest @ 20 kA
l. Maximum Switching Impulse Residual Voltage	390 kV crest @ 0.5 kA
m. Minimum Creepage Distance	≥ 6125* mm
n. Discharge Counter	[x] Yes [] No
o. Mounting	As price schedule
p. Line Terminals	4-Hole NEMA Pad
q. Applicable Standard	IEC 60099-4

Note: *Special Creepage Distance ; Base on 25 mm/kVmax.L-L

**Surge Arrester
Specification No. 741**



**Substation Electrical
Equipment Engineering Department**

Ratings and Features	Designed : via ECM system	Validated : via ECM system	Revision 1	Page 1/1
RF No. SA2D1A	Verified : via ECM system	Approved : via ECM system	Dated : 16/06/2026	

a. Type	Metal Oxide without series gaps
b. Class	Station Class
c. Rated Frequency	50 Hz
d. Nominal System Voltage	22 kV
e. Highest Voltage for Equipment	24 kV
f. Arrester Voltage Rating	≥ 24 kVrms
g. Insulator	[x] Porcelain [] Polymer
h. Repetitive Charge Transfer Rating (Qrs)	≥ 2.0 C
i. Thermal Energy Rating (Wth)	7 kJ/kV
j. Rated Short Circuit Current	40 kA
k. Maximum Lightning Impulse Residual Voltage	61 kV crest @ 5 kA 65 kV crest @ 10 kA 73 kV crest @ 20 kA
l. Maximum Switching Impulse Residual Voltage	49 kV crest @ 0.5 kA
m. Minimum Creepage Distance	≥ 600* mm
n. Discharge Counter	[x] Yes [] No
o. Mounting	As price schedule
p. Line Terminals	4-Hole NEMA Pad,
q. Applicable Standard	IEC 60099-4

Note: *Special Creepage Distance ; Base on 25 mm/kVmax.L-L