

ELECTRICITY GENERATING AUTHORITY OF THAILAND

SUPPLEMENTAL NOTICE NO. 1

INVITATION TO BID NO. TIPE-L-06

**SUPPLY AND CONSTRUCTION OF TRANSMISSION LINES
230 kV RAYONG 2 – BANG LAMUNG 2 JUNCTION AND
230 kV AO PHAI – BO WIN**

**TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN
EASTERN REGION TO ENHANCE SYSTEM SECURITY**

The attached Supplemental Notice shall be considered as part of the bidding documents No. **TIPE-L-06**.

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 : **aradec.s@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 30 , 2024

ACKNOWLEDGEMENT

This undersigned Bidder hereby certifies that the additions, deletions and revisions set forth in this Supplemental Notice to Invitation to Bid No. **TIPE-L-06** 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 _____

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230 kV AO PHAI – BO WINTRANSMISSION 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

1. Section H : Attachments

Replace Attachment No.2: List of Equipment to be Dismantled by the Contractor with the revised one 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 C5, Article C-4. Supplemental Notices.

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ATTACHMENT NO. 2

LIST OF EQUIPMENT TO BE DISMANTLED BY THE CONTRACTOR

The following are the Equipment to be dismantled under this Contract. Types and quantities shown are approximate and provided as primary information. The Bidder shall be deemed to have carefully examined the exact quantities for his quotation of dismantling services.

<u>Item</u>	<u>Description</u>	<u>Estimated Quantity</u>
Part 1 :	<u>The existing 230 kV Ao Phai – Bang Lamung 2 Transmission Line</u>	
	<i>(The dismantled Equipment as listed below shall be purchased by the Contractor)</i>	
1.1	Steel Tower	
	<i>Tower Type DA1</i>	
	<i>Basic body</i>	7 bodies
	<i>Leg extension -3.0 m.</i>	5 bodies
	<i>Leg extension -2.0 m.</i>	6 leg
	<i>Leg extension -1.0 m.</i>	1 leg
	<i>Leg extension +0.0 m.</i>	5 legs
	<i>Leg extension +1.0 m.</i>	1 leg
	<i>Leg extension +2.0 m.</i>	1 leg
	<i>Leg extension +3.0 m.</i>	1 leg
	<i>Leg extension +4.0 m.</i>	2 legs
	<i>Leg extension +6.0 m.</i>	6 legs
	 <i>Tower type DB2</i>	
	<i>Basic body</i>	3 bodies
	<i>Leg extension -1.0 m.</i>	2 legs
	<i>Leg extension +0.0 m.</i>	8 legs
	<i>Leg extension +2.0 m.</i>	2 legs
1.2	Hardware Assemblies	
	<i>Single string suspension insulator assemblies</i>	42 sets
	<i>Bypass string suspension insulator assemblies</i>	6 sets
	<i>Single string tension insulator assemblies</i>	15 sets
	<i>Double string tension insulator assemblies</i>	36 sets
	<i>Single inverted string tension insulator assemblies</i>	3 sets
	<i>Overhead ground wire suspension assemblies</i>	7 sets
	<i>Overhead ground wire tension assemblies</i>	7 sets
	<i>OPGW suspension assemblies</i>	7 sets
	<i>OPGW tension assemblies</i>	7 sets
1.3	Line Accessories	
	<i>Spacer damper for conductor</i>	222 sets
	<i>Vibration damper for overhead ground wire</i>	11 sets
	<i>Vibration damper for OPGW</i>	11 sets

<u>Item</u>	<u>Description</u>	<u>Estimated Quantity</u>
1.4	Insulator Insulator ANSI Class 52-3 (18,000 lbs)	2,022 discs
1.5	1272 MCM ACSR/GA Conductor	22.90 km
1.6	3/8 " high strength galvanized steel overhead ground wire	3.76 km

Part 2 : The existing 230 kV Rayong 2 – Bowin Transmission Line (from Str. No. 3/1 to Str. No. 33/1)

(The dismantled Equipment as listed below shall be purchased by the Contractor)

2.1	Steel Tower	
	Tower Type DA1	
	Basic body	54 bodies
	Body extension 7.0 m.	6 bodies
	Leg extension +1.0 m.	12 leg
	Leg extension +2.0 m.	14 legs
	Leg extension +3.0 m.	24 legs
	Leg extension +4.0 m.	6 legs
	Leg extension +5.0 m.	23 legs
	Leg extension +6.0 m.	26 legs
	Leg extension +7.0 m.	48 legs
	Leg extension +8.0 m.	28 legs
	Leg extension +9.0 m.	35 legs
	Tower type LDA1	
	Basic body	3 bodies
	Leg extension +1.0 m.	4 legs
	Leg extension +3.0 m.	4 legs
	Leg extension +7.0 m.	4 legs
	Tower type DB2	
	Basic body	7 bodies
	Leg extension +1.0 m.	9 legs
	Leg extension +2.0 m.	4 legs
	Leg extension +3.0 m.	3 legs
	Leg extension +5.0 m.	1 leg
	Leg extension +7.0 m.	11 legs

<u>Item</u>	<u>Description</u>	<u>Estimated Quantity</u>
	Tower type DC2	
	Basic body	10 bodies
	Leg extension +1.0 m.	16 legs
	Leg extension +3.0 m.	2 legs
	Leg extension +5.0 m.	8 legs
	Leg extension +7.0 m.	14 legs
	Tower type DD2	
	Basic body	6 bodies
	Leg extension +1.0 m.	20 legs
	Leg extension +7.0 m.	4 legs
2.2	Hardware Assemblies	
	Single string suspension insulator assemblies	300 sets
	Double string suspension insulator assemblies	42 sets
	Bypass string suspension insulator assemblies	15 sets
	Double string tension insulator assemblies	264 sets
	Double inverted string tension insulator assemblies	6 sets
	Overhead ground wire suspension assemblies	114 sets
	Overhead ground wire tension assemblies	92 sets
2.3	Line Accessories	
	Spacer damper for conductor	726 sets
	Vibration damper for overhead ground wire	160 sets
2.4	Insulator	
	Insulator ANSI Class 52-3 (18,000 lbs)	14,628 discs
2.5	1272 MCM ACSR/GA Conductor	180.87 km
2.6	3/8 " high strength galvanized steel overhead ground wire	29.7 km
Part 3 :	<u>The existing 230 kV Rayong 2 – Bo Win Transmission Line (from Str. No. 45/1 to take-off structure at Bo Win Substation)</u>	
	(The dismantled Equipment as listed below shall be purchased by the Contractor)	
3.1	Hardware Assemblies	
	Single string suspension insulator assemblies	12 sets
3.2	Insulator	
	Insulator ANSI Class 52-3 (18,000 lbs)	192 discs
3.3	1272 MCM ACSR/GA Conductor	0.49 km
3.4	3/8 " high strength galvanized steel overhead ground wire	0.08 km