

Public Relations Information and Channels for Submitting
Suggestions or Complaints Regarding the Promotion of Integrity
and Transparency in Operations



Channels for Submitting Suggestions or Complaints *



Submission of Suggestions or Complaints via the EGAT Official
Website *



EGAT Supplier Code of Conduct **

* This is not a channel for submitting comments on the draft Terms of Reference (TOR), draft technical specifications for procurement, draft announcements, or draft bidding documents.

** EGAT has established and published the Supplier Code of Conduct to provide all EGAT suppliers with guidelines for conducting business ethically and with good governance, taking into account environmental, social, and corporate governance (ESG) principles, legal compliance, and respect for human rights, as detailed in the EGAT Supplier Code of Conduct QR Code.

ข้อมูลประชาสัมพันธ์และช่องทางรับข้อคิดเห็นหรือข้อร้องเรียน
ด้านการส่งเสริมคุณธรรมและความโปร่งใสในการดำเนินการ



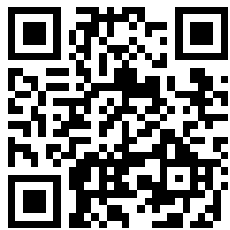
นโยบายต่อต้านการให้หรือรับสินบนเพื่อป้องกันการทุจริต
และประพฤติมิชอบ



จรรยาบรรณของผู้ปฏิบัติงานจัดซื้อจัดจ้างและบริหารพัสดุ



ช่องทางรับข้อคิดเห็นหรือข้อร้องเรียน *



การแจ้งข้อคิดเห็นหรือข้อร้องเรียนทางเว็บไซต์ กฟผ. *



จรรยาบรรณคู่ค้า กฟผ. **

* ไม่ใช่ช่องทางแสดงความคิดเห็นร่างขอบเขตของงานหรือรายละเอียดคุณลักษณะเฉพาะของพัสดุที่จะซื้อหรือจ้าง/ ร่างประกาศ/ ร่างเอกสารประกวดราคาฯ

** กฟผ. จัดทำและเผยแพร่จรรยาบรรณคู่ค้า เพื่อให้คู่ค้าของ กฟผ. ทุกฝ่ายมีแนวปฏิบัติในการดำเนินธุรกิจอย่างมีจริยธรรมและธรรมาภิบาล โดยคำนึงถึงสิ่งแวดล้อม สังคม การกำกับดูแลกิจการที่ดี ปฏิบัติตามกฎหมาย และเคารพหลักสิทธิมนุษยชน ดังมีรายละเอียดระบุใน QR Code จรรยาบรรณคู่ค้า กฟผ."

EGAT's Privacy Notice on Procurement, Inventory Management and Contract Administration

Electricity Generating Authority of Thailand (EGAT) has performed the protection of the Personal Data regarding procurement, inventory management and contract administration to be in accordance with **the Personal Data Protection Act B.E. 2562** (the "2019 PDPA"), which comes into effect on June 1, 2022.

Details about EGAT's Privacy Notice on Procurement, Inventory Management and Contract Administration are available for you at https://www.egat.co.th/privacy-notice-procurement_en.html or the below QR Code.



The Redaction of Sensitive Personal Data

EGAT has announced the Privacy Notice on Procurement, Inventory Management and Contract Administration for the collection, use or disclosure of Personal Data, excluding the Sensitive Personal Data.

Should the documents you wish to submit to EGAT contain the Sensitive Personal Data as defined in Section 26 of the 2019 PDPA, pertaining to racial, ethnic origin, political opinions, cult, religious or philosophical beliefs, sexual behavior, criminal records, health data, disability, trade union information, genetic data, biometric data, or of any data which may affect you in the same manner, you shall redact or conceal such data before submitting to EGAT.

ประกาศความเป็นส่วนตัว (Privacy Notice) สำหรับการจัดซื้อจัดจ้าง การบริหารพัสดุ และการบริหารสัญญาของ กฟผ.

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (กฟผ.) ได้ดำเนินการคุ้มครองข้อมูลส่วนบุคคลสำหรับการจัดซื้อจัดจ้าง การบริหารพัสดุ และการบริหารสัญญา เพื่อให้เป็นไปตามพระราชบัญญัติคุ้มครองข้อมูลส่วนบุคคลของประเทศไทย พ.ศ. 2562 (PDPA) ซึ่งมีผลบังคับใช้อย่างครบถ้วน ตั้งแต่วันที่ 1 มิถุนายน 2565 ทั้งนี้ ท่านสามารถศึกษารายละเอียดประกาศความเป็นส่วนตัว (Privacy Notice) สำหรับการจัดซื้อจัดจ้าง การบริหารพัสดุ และการบริหารสัญญา ได้ที่ <https://www.egat.co.th/privacy-notice-procurement.html> หรือที่ QR Code ด้านล่าง



การขิดฆ่าข้อมูลส่วนบุคคลอ่อนไหว

กฟผ. มีประกาศความเป็นส่วนตัว (Privacy Notice) สำหรับการจัดซื้อจัดจ้าง การบริหารพัสดุ และการบริหารสัญญา เพื่อใช้ในการเก็บรวบรวม ใช้ หรือเปิดเผย ข้อมูลส่วนบุคคล แต่ไม่เก็บข้อมูลส่วนบุคคลอ่อนไหว หากเอกสารของท่านที่ต้องส่งมอบให้ กฟผ. มีข้อมูลส่วนบุคคลอ่อนไหวตามที่ถูกบัญญัติไว้ในมาตรา 26 ของ PDPA ดังนี้ เชื้อชาติ เผ่าพันธุ์ ความคิดเห็นทางการเมือง ความเชื่อในลัทธิ ศาสนาหรือปรัชญา พฤติกรรมทางเพศ ประวัติอาชญากรรม ข้อมูลสุขภาพ ความพิการ ข้อมูลสหภาพแรงงาน ข้อมูลพันธุกรรม ข้อมูลชีวภาพ หรือข้อมูลอื่นใด ซึ่งกระทบต่อเจ้าของข้อมูลส่วนบุคคลในทำนองเดียวกันรวมอยู่ด้วย ขอให้ท่านขิดฆ่า หรือปกปิดข้อมูลดังกล่าว ก่อนส่งมอบให้แก่ กฟผ.

Notice to Bidder

Subject : Online Payment for Purchase of Bidding Documents

Please be informed of the online payment for purchase of bidding documents as follows:

- 1) Fill-out the Registration Form and upload the proof of payment via the link provided in <https://www4.egat.co.th/fprocurement/biddingeng>

Payment shall be made by bank transfer or telegraphic transfer to EGAT's account no. 109-6-01958-2 (swift code : KRTHTHBK), Krung Thai Bank Public Company Limited, Bangkruai Branch, Nonthaburi.

All bank charges and fees incurred by the payment of bidding documents shall be under the buyer's responsibility.

- 2) The registration will be deemed complete only upon successful processing of the payment and confirmation of funds received.
- 3) After the payment has been verified for approximately 3 working days, the in-charge officer will send the link for downloading the bidding documents together with the receipt to the purchaser's email address in the Registration Form.



Invitation to Bid No. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01

Supply of Power Circuit Breaker and/or Disconnecting Switch

Replacement Plan of Substation Equipment Phase 3

Work Plan to Improve the Electricity Supply Model for High Voltage Substation to Enhance the Transmission System Stability and Reliability

Long-Term Investment Plan to Accommodate Large Power Consumer

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

Transmission System Improvement Project in Eastern Region to Enhance System Security

The Electricity Generating Authority of Thailand (EGAT) is calling for the subject Invitation to Bid to be financed by EGAT's fund.

Place of Delivery : Bangkok Port, Ex-works

Medium Cost (including Value Added Tax and other expenses)

Description	Medium Cost (THB)
Schedule A1 : 230 kV Power Circuit Breaker for Capacitive Current Switching	2,660,000.-
Schedule A2 , B1 and C1 : 230 kV Power Circuit Breaker	12,200,000.-
Schedule A3 : 115 kV Power Circuit Breaker for Capacitive Current Switching	12,200,000.-
Schedule A4 , B2 , C2 and D1: 115 kV Power Circuit Breaker	14,500,000.-
Schedule A5 : 33 kV and below Power Circuit Breaker	10,800,000.-
Schedule A6 : 22 kV Power Circuit Breaker for Capacitive Current Switching	674,000.-
Schedule A7 , B3 and D2 : 115 kV Disconnecting Switch, Schedule C3 : 230 kV and below Disconnecting Switch and Schedule E1 : 230 kV Disconnecting Switch	} 18,500,000.-
Schedule A8 : 33 kV and below Disconnecting Switch	3,780,000.-

Eligibility of Bidders

1. The Bidder shall be a juristic person who manufactures or provides such materials or services and shall not be named in the List of Work Abandoners published by the Permanent Secretary, Ministry of Finance, and/or in the Debarment List and/or in the List of Work Abandoners declared by EGAT.
2. The Bidder shall not be a Jointly Interested Bidder with other Bidders as from the date of EGAT's issuance of the Invitation, or shall not be a person who undertakes any action as an "Obstruction of Fair Price Competition" for this Invitation.

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3. The Bidder shall not either be EGAT's consultant or involve in EGAT's consultancy company under this Invitation to Bid, or shall not have EGAT's personnel involved in his business as shareholder having voting right that can control his business, director, manager, officer, employee, agent, or consultant except those who are officially ordered by EGAT to act or participate therein.
4. The Bidder shall not be the person who is privileged or protected not to be taken any legal proceedings under Thai Court; Provided that such Bidder's government declares that such special privilege is waived.
5. The Bidder who is a joint venture or consortium shall carry out all the work under such formation from the time of bidding until the fulfillment of the Contract.

Availability of Bidding Documents

Bidding Documents are available for online purchase during 8:00 hrs. to 15:00 hrs., Bangkok Standard Time, as from September 23, 2026 to October 12, 2026 at USD 10.- or THB 300.- per copy, non-refundable.

Please find more details for online purchasing process at <https://www4.egat.co.th/fprocurement/biddingeng> or contact for further information at telephone no. 66 2436 0348 or procurement.tse@egat.co.th.

Delivery of Bids

Bids shall be submitted at Bidding Room, 1st Floor, Tor 137 Building at EGAT's Head Office, Nonthaburi during 9:00 hrs. to 10:00 hrs., Bangkok Standard Time, October 28, 2026 and will be opened publicly at 10:00 hrs.

ELECTRICITY GENERATING AUTHORITY OF THAILAND

September 23, 2026



(Miss Wallapa Chewadhnakorkul)

Chief, Procurement Department – Transmission System Segment



ประกาศการไฟฟ้าฝ่ายผลิตแห่งประเทศไทย
เรื่อง ประกวดราคาซื้อ เลขที่ IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (กฟผ.) มีความประสงค์จะซื้อ Power Circuit Breaker and/or Disconnecting Switch สำหรับแผนงานเปลี่ยนทดแทนอุปกรณ์ระบบส่งในสถานีไฟฟ้าแรงสูง ระยะที่ 3 แผนงานปรับปรุงรูปแบบการจ่ายไฟฟ้าสำหรับสถานีไฟฟ้าแรงสูง เพื่อเสริมสร้างความมั่นคงเชื่อถือได้ของระบบส่ง แผนลงทุนระยะยาวเพื่อรองรับกลุ่มผู้ใช้ไฟฟ้าขนาดใหญ่ โครงการปรับปรุงระบบส่งไฟฟ้าบริเวณภาคตะวันออกเฉียงเหนือ ภาคเหนือตอนล่าง ภาคกลาง และกรุงเทพมหานคร เพื่อเสริมความมั่นคงระบบไฟฟ้า โครงการปรับปรุงระบบส่งไฟฟ้าบริเวณภาคตะวันออกเฉียงเหนือเพื่อเสริมความมั่นคงระบบไฟฟ้า โดยใช้งบประมาณ กฟผ.

สถานที่ส่งมอบ : ท่าเรือกรุงเทพฯ, หน้าโรงงานผู้ผลิต

ราคากลาง (รวมภาษีมูลค่าเพิ่มและค่าใช้จ่ายอื่นๆ)

รายการ	ราคากลาง (บาท)
Schedule A1 : 230 kV Power Circuit Breaker for Capacitive Current Switching	2,660,000.-
Schedule A2 , B1 and C1 : 230 kV Power Circuit Breaker	12,200,000.-
Schedule A3 : 115 kV Power Circuit Breaker for Capacitive Current Switching	12,200,000.-
Schedule A4 , B2 , C2 and D1: 115 kV Power Circuit Breaker	14,500,000.-
Schedule A5 : 33 kV and below Power Circuit Breaker	10,800,000.-
Schedule A6 : 22 kV Power Circuit Breaker for Capacitive Current Switching	674,000.-
Schedule A7 , B3 and D2 : 115 kV Disconnecting Switch, Schedule C3 : 230 kV and below Disconnecting Switch and Schedule E1 : 230 kV Disconnecting Switch	} 18,500,000.-
Schedule A8 : 33 kV and below Disconnecting Switch	
	3,780,000.-

คุณสมบัติของผู้เสนอราคา

- ต้องเป็นนิติบุคคลผู้ผลิตหรือเป็นผู้มีอาชีพขายพัสดุดตามประกาศ และต้องไม่เป็นผู้ที่งานซึ่งปลัดกระทรวงการคลังได้แจ้งเวียนชื่อไว้ หรือต้องไม่เป็นผู้ที่ กฟผ. ห้ามติดต่อหรือห้ามเข้าเสนอราคา หรือต้องไม่เป็นผู้ที่ได้รับผลของการสั่งให้นิติบุคคลหรือบุคคลอื่นเป็นผู้ทำงานตามคำสั่ง กฟผ.
- ต้องไม่เป็นผู้มีผลประโยชน์ร่วมกันกับผู้เสนอราคารายอื่น ณ วันประกาศประกวดราคาครั้งนี้เป็นต้นไป หรือต้องไม่เป็นผู้กระทำการอันเป็นการขัดขวางการแข่งขันราคาอย่างเป็นธรรมในการดำเนินการประกวดราคาครั้งนี้

๐๑๐๖

3. ต้องไม่เป็นที่ปรึกษาของ กฟผ. หรือมีส่วนร่วมในบริษัทที่ปรึกษาของ กฟผ. ในงานนี้ หรือต้องไม่มีผู้ปฏิบัติงาน กฟผ. เข้าไปมีส่วนร่วมในกิจการของผู้เสนอราคา ไม่ว่าจะในฐานะผู้ถือหุ้นที่มีสิทธิควบคุมการจัดการ กรรมการ ผู้อำนวยการ ผู้จัดการ พนักงาน ลูกจ้าง ตัวแทน หรือที่ปรึกษา ยกเว้น ในกรณีที่ผู้ปฏิบัติงานได้รับคำสั่งอย่างเป็นทางการจาก กฟผ. ให้ไปปฏิบัติงานหรือเข้าร่วมในกิจการของผู้เสนอราคา
4. ต้องไม่เป็นผู้ได้รับเอกสิทธิ์หรือความคุ้มกัน ซึ่งอาจปฏิเสธไม่ยอมขึ้นศาลไทย เว้นแต่รัฐบาลของผู้เสนอราคาได้มีคำสั่งให้สละสิทธิ์และความคุ้มกันเช่นนั้น
5. ผู้ประสงค์เข้าประกวดราคาในนามของกิจการร่วมค้าหรือกิจการร่วม (Joint Venture or Consortium) จะต้องดำเนินการทุกขั้นตอนของการประกวดราคาในนามของกิจการร่วมค้าหรือกิจการร่วม ตั้งแต่การเสนอราคาลงสิ้นสุดข้อผูกพันกับ กฟผ.

การขายเอกสารประกวดราคา

ผู้สนใจติดต่อซื้อเอกสารประกวดราคา ในราคาชุดละ 300.- บาท ในวันทำการระหว่างเวลา 08:00 น. ถึง 15:00 น. ตั้งแต่วันที่ 23 กันยายน 2569 ถึงวันที่ 12 ตุลาคม 2569 ทั้งนี้ สามารถดูรายละเอียดการซื้อเอกสารประกวดราคาได้ที่เว็บไซต์ <https://www4.egat.co.th/fprocurement/biddingeng> หรือสอบถามข้อมูลเพิ่มเติมได้ทางโทรศัพท์ หมายเลข 0 2436 0348 หรืออีเมล procurement.tse@egat.co.th

การยื่นซองประกวดราคา

กำหนดยื่นซองประกวดราคา ในวันที่ 28 ตุลาคม 2569 เวลา 09:00 น. ถึง 10:00 น. และเปิดซองประกวดราคา เวลา 10:00 น. ณ ห้องประกวดราคา ชั้น 1 อาคาร ท.137 การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย เชียงสะพานพระราม 7 จังหวัดนนทบุรี

ประกาศ ณ วันที่ 23 กันยายน 2569



(นางสาววัลลภา ชีวณกรณ์กุล)

หัวหน้ากองจัดซื้อจัดจ้างสายงานระบบส่ง

ตารางแสดงวงเงินงบประมาณที่ได้รับจัดสรรและราคากลาง(ราคาอ้างอิง)
ในการจัดซื้อจัดจ้างที่มีใช้งานก่อสร้าง

1. ชื่อโครงการ Bid No. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01

งานจัดซื้อ Power Circuit Breaker and/or Disconnecting Switch

แผนงานเปลี่ยนทดแทนอุปกรณ์ระบบส่งในสถานีไฟฟ้าแรงสูง ระยะที่ 3

แผนงานปรับปรุงรูปแบบการจ่ายไฟฟ้าสำหรับสถานีไฟฟ้าแรงสูง เพื่อเสริมสร้างความมั่นคงเชื่อถือได้
ของระบบส่ง

แผนลงทุนระยะยาวเพื่อรองรับกลุ่มผู้ใช้ไฟฟ้าขนาดใหญ่

โครงการปรับปรุงระบบส่งไฟฟ้าบริเวณภาคตะวันออกเฉียงเหนือ ภาคเหนือตอนล่าง ภาคกลาง และกรุงเทพมหานคร
เพื่อเสริมความมั่นคงระบบไฟฟ้า

โครงการปรับปรุงระบบส่งไฟฟ้าบริเวณภาคตะวันออกเฉียงเหนือเพื่อเสริมความมั่นคงระบบไฟฟ้า

หน่วยงานเจ้าของโครงการ ฝ่ายแผนงานและโครงการระบบส่ง การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย

2. วงเงินงบประมาณที่ได้รับจัดสรร

แผนงานเปลี่ยนทดแทนอุปกรณ์ระบบส่งในสถานีไฟฟ้าแรงสูง ระยะที่ 3 งบประมาณ 297.39 ล้านบาท

แผนงานปรับปรุงรูปแบบการจ่ายไฟฟ้าสำหรับสถานีไฟฟ้าแรงสูง เพื่อเสริมสร้างความมั่นคงเชื่อถือได้
ของระบบส่ง งบประมาณ 170 ล้านบาท

แผนลงทุนระยะยาวเพื่อรองรับกลุ่มผู้ใช้ไฟฟ้าขนาดใหญ่ งบประมาณ 1,570 ล้านบาท

โครงการปรับปรุงระบบส่งไฟฟ้าบริเวณภาคตะวันออกเฉียงเหนือ ภาคเหนือตอนล่าง ภาคกลาง และกรุงเทพมหานคร
เพื่อเสริมความมั่นคงระบบไฟฟ้า งบประมาณ 94,040 ล้านบาท

โครงการปรับปรุงระบบส่งไฟฟ้าบริเวณภาคตะวันออกเฉียงเหนือเพื่อเสริมความมั่นคงระบบไฟฟ้า งบประมาณ 21,000 ล้านบาท

3. วันที่กำหนดราคากลาง 30 มิถุนายน 2569 (วันที่ อวส. อนุมัติ)

ราคารวมภาษีมูลค่าเพิ่มและค่าใช้จ่ายอื่นๆ เป็นเงิน 75,314,000.00 บาท ราคา/หน่วย ตามเอกสารแนบ

4. แหล่งที่มาของราคากลาง

หลักเกณฑ์การกำหนดราคากลางการจัดซื้อและจัดจ้างงานก่อสร้างระบบส่งไฟฟ้าของสายงานพัฒนาระบบส่ง

5. รายชื่อเจ้าหน้าที่ผู้กำหนดราคากลาง

5.1 นางสาวจารุวรรณ พิพัฒน์มั่งคั่งพร หอต-ร., กวอ-ร.

5.2 นายศิริสิทธิ์ ฟองจางวาง วศ.4, หอต-ร., กวอ-ร.

หมายเหตุ ค่าใช้จ่ายอื่นๆ ได้แก่ ค่าใช้จ่ายที่ กฟผ. ต้องจ่ายตามวิธีการพิจารณาเปรียบเทียบราคาที่กำหนดไว้

ในเอกสารประกวดราคา เช่น อกรักษาเข้า เป็นต้น

Medium Cost for Bid No. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01

Schedule	Currency	Medium Cost* (Round)
A1	THB	2,660,000.00
A2, B1 and C1	THB	12,200,000.00
A3	THB	12,200,000.00
A4, B2, C2 and D1	THB	14,500,000.00
A5	THB	10,800,000.00
A6	THB	674,000.00
A7, B3, C3, D2 and E1	THB	18,500,000.00
A8	THB	3,780,000.00
Total Medium Cost	THB	75,314,000.00

*include VAT and other expenses



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MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01

SUMMARY OF BID PRICE

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

REPLACEMENT PLAN OF SUBSTATION EQUIPMENT PHASE 3

WORK PLAN TO IMPROVE THE ELECTRICITY SUPPLY MODEL FOR HIGH VOLTAGE SUBSTATION TO ENHANCE THE TRANSMISSION SYSTEM STABILITY AND RELIABILITY

LONG-TERM INVESTMENT PLAN TO ACCOMMODATE LARGE POWER CONSUMER

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

TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN EASTERN REGION TO ENHANCE SYSTEM SECURITY

No.	Description	Currency	Supply of Equipment	
			Foreign Supply	Foreign Currency (excluding VAT)
			CFR Thai Port	
			Amount	Amount
1	Schedule A1 : 230 kV Power Circuit Breaker for Capacitive Current Switching	THB	2,457,401.33	7,355.91
BID PRICE		THB	2,457,401.33	7,355.91
IMPORT DUTY		THB	9,163.70	
CUSTOM CLEARANCE		THB	14,744.41	
VAT		THB	172,659.55	514.91
SUMMARY OF MEDIUM COST		THB	2,653,968.99	7,870.82
SUMMARY OF MEDIUM COST FOR SCHEDULE A1		THB	2,661,839.81	
SUMMARY OF MEDIUM COST FOR SCHEDULE A1 (ROUND)		THB	2,660,000.00	


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SUMMARY OF BID PRICE

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

REPLACEMENT PLAN OF SUBSTATION EQUIPMENT PHASE 3

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

TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN EASTERN REGION TO ENHANCE SYSTEM SECURITY

No.	Description	Currency	Supply of Equipment	
			Foreign Supply	Foreign Currency (excluding VAT)
			CFR Thai Port	
			Amount	
1	Schedule A2 : 230 kV Power Circuit Breaker	THB	2,792,015.24	14,711.82
2	Schedule B1 : 230 kV Power Circuit Breaker	THB	1,396,007.62	7,355.91
3	Schedule C1 : 230 kV Power Circuit Breaker	THB	7,019,266.98	36,779.55
BID PRICE		THB	11,207,289.84	58,847.28
IMPORT DUTY		THB	73,309.60	
CUSTOM CLEARANCE		THB	67,243.74	
VAT		THB	789,641.96	4,119.31
SUMMARY OF MEDIUM COST		THB	12,137,485.14	62,966.59
SUMMARY OF MEDIUM COST FOR SCHEDULE A2, B1 and C1		THB	12,200,451.73	
SUMMARY OF MEDIUM COST FOR SCHEDULE A2, B1 and C1 (ROUND)		THB	12,200,000.00	


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SUMMARY OF BID PRICE

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REPLACEMENT PLAN OF SUBSTATION EQUIPMENT PHASE 3

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

TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN EASTERN REGION TO ENHANCE SYSTEM SECURITY

No.	Description	Currency	Supply of Equipment	
			Foreign Supply	Foreign Currency (excluding VAT)
			CFR Thai Port	
			Amount	Amount
1	Schedule A3 : 115 kV Power Circuit Breaker for Capacitive Current Switching	THB	11,301,148.26	38,976.00
BID PRICE		THB	11,301,148.26	38,976.00
IMPORT DUTY		THB	38,223.60	
CUSTOM CLEARANCE		THB	67,806.89	
VAT		THB	793,756.03	2,728.32
SUMMARY OF MEDIUM COST		THB	12,200,934.78	41,704.32
SUMMARY OF MEDIUM COST FOR SCHEDULE A3		THB	12,242,639.10	
SUMMARY OF MEDIUM COST FOR SCHEDULE A3		THB	12,200,000.00	


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SUMMARY OF BID PRICE

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

REPLACEMENT PLAN OF SUBSTATION EQUIPMENT PHASE 3

WORK PLAN TO IMPROVE THE ELECTRICITY SUPPLY MODEL FOR HIGH VOLTAGE SUBSTATION TO ENHANCE THE TRANSMISSION SYSTEM STABILITY AND RELIABILITY

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

TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN EASTERN REGION TO ENHANCE SYSTEM SECURITY

No.	Description	Currency	Supply of Equipment	
			Foreign Supply	Foreign Currency (excluding VAT)
			CFR Thai Port	
			Amount	
1	Schedule A4 : 115 kV Power Circuit Breaker	THB	663,131.53	6,496.00
2	Schedule B2 : 115 kV Power Circuit Breaker	THB	6,631,315.30	64,960.00
3	Schedule C2 : 115 kV Power Circuit Breaker	THB	4,641,920.71	45,472.00
4	Schedule D1 : 115 kV Power Circuit Breaker	THB	1,326,263.06	12,992.00
BID PRICE		THB	13,262,630.60	129,920.00
IMPORT DUTY		THB	127,412.00	
CUSTOM CLEARANCE		THB	79,575.78	
VAT		THB	937,302.98	9,094.40
SUMMARY OF MEDIUM COST		THB	14,406,921.36	139,014.40
SUMMARY OF MEDIUM COST FOR SCHEDULE A4, B2, C2 and D1		THB	14,545,935.76	
SUMMARY OF MEDIUM COST FOR SCHEDULE A4, B2, C2 and D1 (ROUND)		THB	14,500,000.00	


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SUMMARY OF BID PRICE

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

REPLACEMENT PLAN OF SUBSTATION EQUIPMENT PHASE 3

WORK PLAN TO IMPROVE THE ELECTRICITY SUPPLY MODEL FOR HIGH VOLTAGE SUBSTATION TO ENHANCE THE TRANSMISSION
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ENHANCE SYSTEM SECURITY

TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN EASTERN REGION TO ENHANCE SYSTEM SECURITY

No.	Description	Currency	Supply of Equipment
			Foreign Supply
			CFR Thai Port
			Amount
1	Schedule A5 : 33 kV and below Power Circuit Breaker	THB	9,142,708.09
BID PRICE		THB	9,142,708.09
IMPORT DUTY		THB	914,270.81
CUSTOM CLEARANCE		THB	54,856.25
VAT		THB	703,988.52
SUMMARY OF MEDIUM COST		THB	10,815,823.67
SUMMARY OF MEDIUM COST FOR SCHEDULE A5		THB	10,815,823.67
SUMMARY OF MEDIUM COST FOR SCHEDULE A5		THB	10,800,000.00


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SUMMARY OF BID PRICE

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

REPLACEMENT PLAN OF SUBSTATION EQUIPMENT PHASE 3

WORK PLAN TO IMPROVE THE ELECTRICITY SUPPLY MODEL FOR HIGH VOLTAGE SUBSTATION TO ENHANCE THE TRANSMISSION
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ENHANCE SYSTEM SECURITY

TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN EASTERN REGION TO ENHANCE SYSTEM SECURITY

No.	Description	Currency	Supply of Equipment
			Foreign Supply
			CFR Thai Port
			Amount
1	Schedule A6 : 22 kV Power Circuit Breaker for Capacitive Current Switching	THB	569,843.77
BID PRICE		THB	569,843.77
IMPORT DUTY		THB	56,984.38
CUSTOM CLEARANCE		THB	3,419.06
VAT		THB	43,877.97
SUMMARY OF MEDIUM COST		THB	674,125.18
SUMMARY OF MEDIUM COST FOR SCHEDULE A6		THB	674,125.18
SUMMARY OF MEDIUM COST FOR SCHEDULE A6 (ROUND)		THB	674,000.00


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SUMMARY OF BID PRICE

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

REPLACEMENT PLAN OF SUBSTATION EQUIPMENT PHASE 3
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LONG-TERM INVESTMENT PLAN TO ACCOMMODATE LARGE POWER CONSUMER
TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN NORTHEASTERN, LOWER NORTHERN, CENTRAL REGIONS AND BANGKOK AREA TO ENHANCE SYSTEM SECURITY
TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN EASTERN REGION TO ENHANCE SYSTEM SECURITY

No.	Description	Currency	Supply of Equipment	
			Foreign Supply	Local Supply
			CFR Thai Port	Ex-works Price (excluding VAT) Baht
			Amount	Amount
1	Schedule A7 : 115 kV Disconnecting Switch	THB	5,795,322.00	
2	Schedule B3 : 115 kV Disconnecting Switch	THB	2,825,187.00	686,172.00
3	Schedule C3 : 230 kV and below Disconnecting Switch	THB	4,098,115.00	835,727.00
4	Schedule D2 : 115 kV Disconnecting Switch	THB	668,691.00	171,543.00
5	Schedule E1 : 230 kV Disconnecting Switch	THB	1,737,876.00	366,548.00
BID PRICE		THB	15,125,191.00	Baht
				2,059,990.00
IMPORT DUTY		THB		Baht
CUSTOM CLEARANCE		THB	90,751.15	Baht
VAT		THB	1,058,763.37	Baht
				144,199.30
SUMMARY OF MEDIUM COST		THB	16,274,705.52	Baht
				2,204,189.30
SUMMARY OF MEDIUM COST FOR SCHEDULE A7, B3, C3, D2 and E1		THB	18,478,894.82	
SUMMARY OF MEDIUM COST FOR SCHEDULE A7, B3, C3, D2 and E1 (ROUND)		THB	18,500,000.00	


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MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01

SUMMARY OF BID PRICE

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

REPLACEMENT PLAN OF SUBSTATION EQUIPMENT PHASE 3

WORK PLAN TO IMPROVE THE ELECTRICITY SUPPLY MODEL FOR HIGH VOLTAGE SUBSTATION TO ENHANCE THE TRANSMISSION SYSTEM STABILITY AND RELIABILITY

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

TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN EASTERN REGION TO ENHANCE SYSTEM SECURITY

No.	Description	Currency	Supply of Equipment
			Foreign Supply
			CFR Thai Port
			Amount
1	Schedule A8 : 33 kV and below Disconnecting Switch	THB	3,280,527.00
BID PRICE		THB	3,280,527.00
IMPORT DUTY		THB	229,636.89
CUSTOM CLEARANCE		THB	19,683.16
VAT		THB	245,711.47
SUMMARY OF BID PRICE		THB	3,775,558.52
SUMMARY OF MEDIUM COST FOR SCHEDULE A8		THB	3,775,558.52
SUMMARY OF MEDIUM COST FOR SCHEDULE A8 (ROUND)		THB	3,780,000.00


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MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01
Schedule A1 : 230 kV Power Circuit Breaker for Capacitive Current Switching
SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH
REPLACEMENT PLAN OF SUBSTATION EQUIPMENT PHASE 3

Item No.	Description	Qty.	Unit	Currency	Supply of Equipment		Foreign Currency (excluding VAT)
					Foreign Supply		
					CFR Thai Port		
					Unit Price	Amount	Amount
A1-1	Reference : Specification No. 156 245 kV 4000 A 50 kA GCB 1&3 pole trip for capacitive current switching as per Ratings and Features RF CB895S(IEC)	1		THB	2,365,764.33	2,365,764.33	XXXXXX
A1-2	Steel Supporting Structure for CB895S(IEC)*	1		THB	91,637.00	91,637.00	XXXXXX
A1-3	Cost of installation supervisor for item A1-1	1.00	Man day	THB	XXXXXX	XXXXXX	7,355.91
	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 A1-2						
Total Price for Schedule A1				THB	2,457,401.33		7,355.91

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


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Service of Installation Supervisor (Schedule A1)

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

REPLACEMENT PLAN OF SUBSTATION EQUIPMENT PHASE 3

Item No.	Description	Qty.	Unit	Currency	Foreign Currency (excluding VAT)	
					Unit Price	Amount
A1-3	Cost of installation supervisor for item A1-1	1.00	Man day	THB	7,355.91	7,355.91

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.



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MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01
Schedule A2 : 230 kV Power Circuit Breaker
SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH
REPLACEMENT PLAN OF SUBSTATION EQUIPMENT PHASE 3

Item No.	Description	Qty.	Unit	Currency	Supply of Equipment		Foreign Currency (excluding VAT)
					Foreign Supply		
					CFR Thai Port		
					Unit Price	Amount	Amount
A2-1	Reference : Specification No. 156 245 kV 4000 A 50 kA GCB 3 pole trip as per Ratings and Features RF CB8955(IEC)	2		THB	1,304,370.62	2,608,741.24	XXXXXX
A2-2	Steel Supporting Structure for CB8955(IEC)*	2		THB	91,637.00	183,274.00	XXXXXX
A2-3	Cost of installation supervisor for item A2-1	2.00	Man day	THB	XXXXXX	XXXXXX	14,711.82
	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 A2-2						
Total Price for Schedule A2				THB	2,792,015.24		14,711.82

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


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MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01

Service of Installation Supervisor (Schedule A2)

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

REPLACEMENT PLAN OF SUBSTATION EQUIPMENT PHASE 3

Item No.	Description	Qty.	Unit	Currency	Foreign Currency (excluding VAT)	
					Unit Price	Amount
A2-3	Cost of installation supervisor for item A2-1	2.00	Man day	THB	7,355.91	14,711.82

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.


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MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01
Schedule A3 : 115 kV Power Circuit Breaker for Capacitive Current Switching
SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH
REPLACEMENT PLAN OF SUBSTATION EQUIPMENT PHASE 3

Item No.	Description	Qty.	Unit	Currency	Supply of Equipment		Foreign Currency (excluding VAT)
					Foreign Supply		
					CFR Thai Port		
					Unit Price	Amount	Amount
A3-1	Reference : Specification No. 156 123 kV 3150 A 40 kA GCB for capacitive current switching as per Ratings and Features RF CB784S(IEC)	6		THB	1,819,818.71	10,918,912.26	XXXXXX
A3-2	Steel Supporting Structure for CB784S(IEC)*	6		THB	63,706.00	382,236.00	XXXXXX
A3-3	Cost of installation supervisor for item A3-1	6.00	Man day	THB	XXXXXX	XXXXXX	38,976.00
	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. A3-1 with A3-2						
Total Price for Schedule A3				THB	11,301,148.26		38,976.00

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


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MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01

Service of Installation Supervisor (Schedule A3)

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

REPLACEMENT PLAN OF SUBSTATION EQUIPMENT PHASE 3

Item No.	Description	Qty.	Unit	Currency	Foreign Currency (excluding VAT)	
					Unit Price	Amount
A3-3	Cost of installation supervisor for item A3-1	6.00	Man day	THB	6,496.00	38,976.00

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.


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MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01
Schedule A4 : 115 kV Power Circuit Breaker
SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH
REPLACEMENT PLAN OF SUBSTATION EQUIPMENT PHASE 3

Item No.	Description	Qty.	Unit	Currency	Supply of Equipment		Foreign Currency (excluding VAT)
					Foreign Supply		
					CFR Thai Port		
					Unit Price	Amount	Amount
A4-1	Reference : Specification No. 156 123 kV 3150 A 40 kA GCB as per Ratings and Features RF CB7846(IEC)	1		THB	599,425.53	599,425.53	XXXXXX
A4-2	Steel Supporting Structure for CB7846(IEC)* as per Dwg. No. ST-CB-7-01	1		THB	63,706.00	63,706.00	XXXXXX
A4-3	Cost of installation supervisor for item A4-1	1.00	Man day	THB	XXXXXX	XXXXXX	6,496.00
	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. A4-1 with A4-2						
Total Price for Schedule A4				THB	663,131.53		6,496.00

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

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MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01

Service of Installation Supervisor (Schedule A4)

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

REPLACEMENT PLAN OF SUBSTATION EQUIPMENT PHASE 3

Item No.	Description	Qty.	Unit	Currency	Foreign Currency (excluding VAT)	
					Unit Price	Amount
A4-3	Cost of installation supervisor for item A4-1	1.00	Man day	THB	6,496.00	6,496.00

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.


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MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01

Schedule A5 : 33 kV and below Power Circuit Breaker

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

REPLACEMENT PLAN OF SUBSTATION EQUIPMENT PHASE 3

Item No.	Description	Qty.	Unit	Currency	Supply of Equipment	
					Foreign Supply	
					CFR Thai Port	
					Unit Price	Amount
A5-1	Reference : Specification No. 156 38 kV 1600 A 31.5 kA Vacuum Circuit Breaker 3 pole as per Ratings and Features RF CB3631(IEC)	1		THB	561,779.77	561,779.77
A5-2	27 kV 1600 A 25 kA Vacuum Circuit Breaker 3 pole as per Rating and Features RF CB2622(IEC)	18		THB	468,206.24	8,427,712.32
A5-3	Steel Supporting Structure for CB3631(IEC)*	1		THB	8,064.00	8,064.00
A5-4	Steel Supporting Structure for CB2622(IEC)*	18		THB	8,064.00	145,152.00
	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. A5-1 with A5-3 and A5-2 with A5-4					
Total Price for Schedule A5				THB	9,142,708.09	

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



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MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01
Schedule A6 : 22 kV Power Circuit Breaker for Capacitive Current Switching
SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH
REPLACEMENT PLAN OF SUBSTATION EQUIPMENT PHASE 3

Item No.	Description	Qty.	Unit	Currency	Supply of Equipment	
					Foreign Supply	
					CFR Thai Port	
					Unit Price	Amount
A6-1	Reference : Specification No. 156 27 kV 1600 A 25 kA Vacuum Circuit Breaker 3 pole for capacitive current switching as per Ratings and Features RF CB262S(IEC)	1		THB	561,779.77	561,779.77
A6-2	Steel Supporting Structure for CB262S(IEC)*	1		THB	8,064.00	8,064.00
	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. A6-1 with A6-2					
Total Price for Schedule A6				THB	569,843.77	

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


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MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01

Schedule A7 : 115 kV Disconnecting Switch

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

REPLACEMENT PLAN OF SUBSTATION EQUIPMENT PHASE 3

Item No.	Description	Qty.	Unit	Currency	Supply of Equipment	
					Foreign Supply	
					CFR Thai Port	
					Unit Price	Amount
A7-1	Reference : Specification No. 202 123 kV 2000 A air switch (high creepage) manually gang operated as per Ratings and Features RF DS77BH(IEC) (Phase spacing = 2.25 m.), shall be installed on the steel supporting structure H=5.30 m.	26		THB	222,897.00	5,795,322.00
Total Price for Schedule A7				THB	5,795,322.00	



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MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01

Schedule A8 : 33 kV and below Disconnecting Switch

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

REPLACEMENT PLAN OF SUBSTATION EQUIPMENT PHASE 3

Item No.	Description	Qty.	Unit	Currency	Supply of Equipment	
					Foreign Supply	
					CFR Thai Port	
					Unit Price	Amount
A8-1	Reference : Specification No. 202 38 kV 1600 A 20 kA air switch vertical break manually gang operated as per Ratings and Features RF DS36D1(IEC) (Phase spacing = 1.00 m., H = 7.50 m. from base plate to top terminal)	2		THB	226,053.00	452,106.00
A8-2	27 kV 1600 A 20 kA air switch 1 pole vertical break hook operated as per Ratings and Features RF DS26E3(IEC)	30		THB	48,527.00	1,455,810.00
A8-3	27 kV 1600 A 20 kA air switch 1 pole vertical break hook operated (Horizontal underhung mounting) as per Ratings and Features RF DS26E3U(IEC)	15		THB	48,527.00	727,905.00
A8-4	27 kV 1600 A 20 kA air switch vertical break manually gang operated as per Ratings and Features RF DS26D3(IEC) (Phase spacing = 1.00 m., H = 7.50 m. from base plate to top terminal)	2		THB	322,353.00	644,706.00
Total Price for Schedule A8				THB	3,280,527.00	


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MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01

Schedule B1 : 230 kV Power Circuit Breaker

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

WORK PLAN TO IMPROVE THE ELECTRICITY SUPPLY MODEL FOR HIGH VOLTAGE SUBSTATION TO ENHANCE THE TRANSMISSION SYSTEM STABILITY AND RELIABILITY

Item No.	Description	Qty.	Unit	Currency	Supply of Equipment		Foreign Currency (excluding VAT)
					Foreign Supply		
					CFR Thai Port		
					Unit Price	Amount	Amount
B1-1	Reference : Specification No. 156 245 kV 4000 A 50 kA GCB 3 pole trip as per Ratings and Features RF CB8955(IEC)	1		THB	1,304,370.62	1,304,370.62	XXXXXX
B1-2	Steel Supporting Structure for CB8955(IEC)*	1		THB	91,637.00	91,637.00	XXXXXX
B1-3	Cost of installation supervisor for item B1-1	1.00	Man day	THB	XXXXXX	XXXXXX	7,355.91
	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. B1-1 with B1-2						
Total Price for Schedule B1				THB	1,396,007.62		7,355.91

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


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MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01
Service of Installation Supervisor (Schedule B1)

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

WORK PLAN TO IMPROVE THE ELECTRICITY SUPPLY MODEL FOR HIGH VOLTAGE SUBSTATION TO ENHANCE THE
TRANSMISSION SYSTEM STABILITY AND RELIABILITY

Item No.	Description	Qty.	Unit	Currency	Foreign Currency (excluding VAT)	
					Unit Price	Amount
B1-3	Cost of installation supervisor for item B1-1	1.00	Man day	THB	7,355.91	7,355.91

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.


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MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01

Schedule B2 : 115 kV Power Circuit Breaker

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

WORK PLAN TO IMPROVE THE ELECTRICITY SUPPLY MODEL FOR HIGH VOLTAGE SUBSTATION TO ENHANCE THE TRANSMISSION SYSTEM STABILITY AND RELIABILITY

Item No.	Description	Qty.	Unit	Currency	Supply of Equipment		Foreign Currency (excluding VAT)
					Foreign Supply		
					CFR Thai Port		
					Unit Price	Amount	Amount
B2-1	Reference : Specification No. 156 123 kV 3150 A 40 kA GCB as per Ratings and Features RF CB7846(IEC)	10		THB	599,425.53	5,994,255.30	XXXXX
B2-2	Steel Supporting Structure for CB7846(IEC)* as per Dwg. No. ST-CB-7-01	10		THB	63,706.00	637,060.00	XXXXX
B2-3	Cost of installation supervisor for item B2-1	10.00	Man day	THB	XXXXX	XXXXX	64,960.00
	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. B2-1 with B2-2						
Total Price for Schedule B2				THB	6,631,315.30		64,960.00

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


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MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01
Service of Installation Supervisor (Schedule B2)

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

WORK PLAN TO IMPROVE THE ELECTRICITY SUPPLY MODEL FOR HIGH VOLTAGE SUBSTATION TO ENHANCE THE
TRANSMISSION SYSTEM STABILITY AND RELIABILITY

Item No.	Description	Qty.	Unit	Currency	Foreign Currency (excluding VAT)	
					Unit Price	Amount
B2-3	Cost of installation supervisor for item B2-1	10.00	Man day	THB	6,496.00	64,960.00

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.


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MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01

Schedule B3 : 115 kV Disconnecting Switch

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

WORK PLAN TO IMPROVE THE ELECTRICITY SUPPLY MODEL FOR HIGH VOLTAGE SUBSTATION TO ENHANCE THE TRANSMISSION SYSTEM STABILITY AND RELIABILITY

Item No.	Description	Qty.	Unit	Currency	Supply of Equipment		Supply of Equipment	
					Foreign Supply		Local Supply	
					CFR Thai Port		Ex-works Price (excluding VAT) Baht	
					Unit Price	Amount	Unit Price	Amount
B3-1	Reference : Specification No. 202 123 kV 3150 A air switch (high creepage) manually gang operated as per Ratings and Features RF DS78BH(IEC) (Phase spacing = 2.25 m.)	7		THB	244,386.00	1,710,702.00		
B3-2	123 kV 2000 A air switch (high creepage) manually gang operated as per Ratings and Features RF DS77BH(IEC) (Phase spacing = 2.25 m.)	1		THB	222,897.00	222,897.00		
B3-3	123 kV 2000 A air switch (high creepage) manually gang operated as per Ratings and Features RF DS77BH(IEC) (Phase spacing = 2.25 m.)	4		THB	222,897.00	891,588.00		
B3-4	Steel Supporting Structure for DS78BH(IEC) as per EGAT's Dwg. No. ST-DS-4-01 and SD-AB-0-01, H = 5.30 m	7			XXXXXX	XXXXXX	57,181.00	400,267.00
B3-5	Steel Supporting Structure for DS77BH(IEC) as per EGAT's Dwg. No. ST-DS-4-01 and SD-AB-0-01, H = 7.30 m for item no. B3-2	1			XXXXXX	XXXXXX	57,181.00	57,181.00
B3-6	Steel Supporting Structure for DS77BH(IEC) as per EGAT's Dwg. No. ST-DS-4-01 and SD-AB-0-01, H = 5.30 m for item no. B3-3	4			XXXXXX	XXXXXX	57,181.00	228,724.00
	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. B3-1 with B3-4, B3-2 with B3-5 and B3-3 with B3-6							
Total Price for Schedule B3				THB	2,825,187.00		Baht	
							686,172.00	


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MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01

Schedule C1 : 230 kV Power Circuit Breaker

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN EASTERN REGION TO ENHANCE SYSTEM SECURITY

Item No.	Description	Qty.	Unit	Currency	Supply of Equipment		Foreign Currency (excluding VAT)
					Foreign Supply		
					CFR Thai Port		
					Unit Price	Amount	Amount
C1-1	Reference : Specification No. 156 245 kV 4000 A 50 kA GCB 1&3 pole trip as per Ratings and Features RF CB8951(IEC)	2		THB	1,323,985.06	2,647,970.12	XXXXXX
C1-2	245 kV 4000 A 50 kA GCB 3 pole trip as per Ratings and Features RF CB8955(IEC)	3		THB	1,304,370.62	3,913,111.86	XXXXXX
C1-3	Steel Supporting Structure for CB8951(IEC)*	2		THB	91,637.00	183,274.00	XXXXXX
C1-4	Steel Supporting Structure for CB8955(IEC)*	3		THB	91,637.00	274,911.00	XXXXXX
C1-5	Cost of installation supervisor for item C1-1	2.00	Man day	THB	XXXXXX	XXXXXX	14,711.82
C1-6	Cost of installation supervisor for item C1-2	3.00	Man day	THB	XXXXXX	XXXXXX	22,067.73
	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 and C1-2 with C1-4						
Total Price for Schedule C1				THB	7,019,266.98		36,779.55

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


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MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01

Service of Installation Supervisor (Schedule C1)

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN EASTERN REGION TO ENHANCE SYSTEM SECURITY

Item No.	Description	Qty.	Unit	Currency	Foreign Currency (excluding VAT)	
					Unit Price	Amount
C1-5	Cost of installation supervisor for item C1-1	2.00	Man day	THB	7,355.91	14,711.82
C1-6	Cost of installation supervisor for item C1-2	3.00	Man day	THB	7,355.91	22,067.73

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.


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MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01

Schedule C2 : 115 kV Power Circuit Breaker

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN EASTERN REGION TO ENHANCE SYSTEM SECURITY

Item No.	Description	Qty.	Unit	Currency	Supply of Equipment		Foreign Currency (excluding VAT)
					Foreign Supply		
					CFR Thai Port		
					Unit Price	Amount	Amount
C2-1	Reference : Specification No. 156 123 kV 3150 A 40 kA GCB as per Ratings and Features RF CB7846(IEC)	7		THB	599,425.53	4,195,978.71	XXXXXX
C2-2	Steel Supporting Structure for CB7846(IEC)* as per Dwg. No. ST-CB-7-01	7		THB	63,706.00	445,942.00	XXXXXX
C2-3	Cost of installation supervisor for item C2-1	7.00	Man day	THB	XXXXXX	XXXXXX	45,472.00
	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. C2-1 with C2-2						
Total Price for Schedule C2				THB	4,641,920.71		45,472.00

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

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MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01

Service of Installation Supervisor (Schedule C2)

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN EASTERN REGION TO ENHANCE SYSTEM SECURITY

Item No.	Description	Qty.	Unit	Currency	Foreign Currency (excluding VAT)	
					Unit Price	Amount
C2-3	Cost of installation supervisor for item C2-1	7.00	Man day	THB	6,496.00	45,472.00

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.



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ผู้อำนวยการฝ่ายวิศวกรรมระบบส่ง

30 Jun 2026

MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01								
Schedule C3 : 230 kV and below Disconnecting Switch								
SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH								
TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN EASTERN REGION TO ENHANCE SYSTEM SECURITY								
Item No.	Description	Qty.	Unit	Currency	Supply of Equipment		Supply of Equipment	
					Foreign Supply		Local Supply	
					CFR Thai Port		Ex-works Price (excluding VAT) Baht	
					Unit Price	Amount	Unit Price	Amount
C3-1	Reference : Specification No. 202 245 kV 4000A air switch (high creepage) manually gang operated as per Ratings and Features RF DS89BH(IEC) (Phase spacing = 3.50 m.)	6		THB	434,469.00	2,606,814.00		
C3-2	123 kV 2000 A air switch (high creepage) manually gang operated as per Ratings and Features RF DS77BH(IEC) (Phase spacing = 2.25 m.)	1		THB	222,897.00	222,897.00		
C3-3	123 kV 2000 A air switch (high creepage) with grounding blade manually gang operated as per Ratings and Features RF DS77BI(IEC) (Phase spacing = 2.25 m.)	4		THB	317,101.00	1,268,404.00		
C3-4	Steel Supporting Structure for DS89BH(IEC) as per EGAT's Dwg. No. ST-DS-4-01 and SD-AB-0-01, H = 6.00 m	6			XXXXX	XXXXX	91,637.00	549,822.00
C3-5	Steel Supporting Structure for DS77BH(IEC) as per EGAT's Dwg. No. ST-DS-4-01 and SD-AB-0-01, H = 5.30 m	1			XXXXX	XXXXX	57,181.00	57,181.00
C3-6	Steel Supporting Structure for DS77BI(IEC) as per EGAT's Dwg. No. ST-DS-4-01 and SD-AB-0-01, H = 5.30 m	4			XXXXX	XXXXX	57,181.00	228,724.00
	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.C3-1 with C3-4, C3-2 with C3-5 and C3-3 with C3-6							
Total Price for Schedule C3				THB	4,098,115.00		Baht	
							835,727.00	


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30 Jun 2026

MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01

Schedule D1 : 115 kV Power Circuit Breaker

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		Foreign Currency (excluding VAT)
					Foreign Supply		
					CFR Thai Port		
					Unit Price	Amount	Amount
D1-1	Reference : Specification No. 156 123 kV 3150 A 40 kA GCB as per Ratings and Features RF CB7846(IEC)	2		THB	599,425.53	1,198,851.06	XXXXXX
D1-2	Steel Supporting Structure for CB7846(IEC)* as per Dwg. No. ST-CB-7-01	2		THB	63,706.00	127,412.00	XXXXXX
D1-3	Cost of installation supervisor for item D1-1	2.00	Man day	THB	XXXXXX	XXXXXX	12,992.00
	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. D1-1 with D1-2						
Total Price for Schedule D1				THB	1,326,263.06		12,992.00

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

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30 Jun 2026

MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01
Service of Installation Supervisor (Schedule D1)
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)	
					Unit Price	Amount
D1-3	Cost of installation supervisor for item D1-1	2.00	Man day	THB	6,496.00	12,992.00

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.


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30 Jun 2026

MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01

Schedule D2 : 115 kV Disconnecting Switch

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 Supply		Local Supply	
					CFR Thai Port		Ex-works Price (excluding VAT) Baht	
					Unit Price	Amount	Unit Price	Amount
D2-1	Reference : Specification No. 202 123 kV 2000 A air switch (high creepage) manually gang operated as per Ratings and Features RF DS77BH(IEC) (Phase spacing = 2.25 m.)	3		THB	222,897.00	668,691.00		
D2-2	Steel Supporting Structure for DS77BH(IEC) as per EGAT's Dwg. No. ST-DS-4-01 and SD-AB-0-01, H = 5.30 m	3			XXXXXX	XXXXXX	57,181.00	171,543.00
	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. D2-1 with D2-2							
Total Price for Schedule D2				THB	668,691.00		Baht	171,543.00


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MEDIUM COST FOR BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01

Schedule E1 : 230 kV Disconnecting Switch

SUPPLY OF POWER CIRCUIT BREAKER AND/OR DISCONNECTING SWITCH

TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN EASTERN REGION TO ENHANCE SYSTEM SECURITY

Item No.	Description	Qty.	Unit	Currency	Supply of Equipment		Supply of Equipment	
					Foreign Supply		Local Supply	
					CFR Thai Port		Ex-works Price (excluding VAT) Baht	
					Unit Price	Amount	Unit Price	Amount
E1-1	Reference : Specification No. 202 245 kV 4000A air switch (high creepage) manually gang operated as per Ratings and Features RF DS89BH(IEC) (Phase spacing = 3.50 m.)	4		THB	434,469.00	1,737,876.00		
E1-2	Steel Supporting Structure for DS89BH(IEC) as per EGAT's Dwg. No. ST-DS-4-01 and SD-AB-0-01, H = 6.00 m	4			XXXXXX	XXXXXX	91,637.00	366,548.00
	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. E1-1 with E1-2							
Total Price for Schedule E1				THB	1,737,876.00		Baht	366,548.00

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Important Information
for
Invitation to Bid No. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01

The purpose of this section is to inform the Bidders to **carefully study** the details of the revised terms and conditions in the bidding documents. The following provisions have been **recently revised** as stated hereunder:

Article A-5. Preparation and Delivery of Bids and Article B-1. Preparation of Bids

Details on how to prepare the proposal have been revised. Bids shall be prepared in accordance with the Instructions to Bidders contained in the Bidding Documents in one (1) original hard copy and one (1) electronic copy contained in USB flash drive.

Article A-5. Preparation and Delivery of Bids

Details of bid opening time and place shall be specified in the Tentative Schedule.

Article A-6. Availability of Bidding Documents

Availability of Bidding Documents has been changed from CD-ROM to electronic files for download via link provided by EGAT.

Channel of Documents Submission

For channel of document submission in the hereunder Articles, facsimile and telex has been replaced with letters submitted electronically or electronic mails (E-mails).

- Article B-1. Preparation of Bids
- Article B-4. Validity of Bids
- Article D-9. Notices
- Article E-17. Documents Required for Each Shipment
- Article F-8. Payment

Article B-2. Bid Prices

For Source of Supply and Service b., Prices for Equipment manufactured outside Thailand (imported Equipment) shall be firm, stated both on FOB Port of Shipment/Vessel and CFR Thai Port basis, and quoted in Thai baht, US dollar, euro, Japanese yen, renminbi (Chinese yuan), or in the Bidder's or Manufacturer's home currency only if his currency trading is prevailed at the time of bidding in any international market other than in Bidder's or Manufacturer's home country.

The following paragraph has also been added :-

“Prices for the following Equipment manufactured outside Thailand which was imported before the bid opening date shall be firm ex-works and quoted in Thai baht, provided that the Bidder shall submit any document(s) evidencing the importation date of such Equipment:

- Power Fuse
- Stationary Battery and Battery Charger
- Insulator for substation
- Cable Termination
- Compression Connector and Miscellaneous Hardware
- Bus Fittings
- Grounding Material
- Substation Miscellaneous”

Article E-14. Preparation for Delivery

The Instructions for Packaging attached at the end of Section E. General Conditions has been revised in item 8. Shunt Capacitor Bank.

Article E-16. Shipment

The Maritime Promotion Bureau has been updated to the Maritime Promotion Division and its contact information has also been updated.

Article F-8. Payment

After each payment is made, the Contractor or beneficiary shall issue and submit the receipt to EGAT as detailed in the paragraph added at the end of this article.

DATA SHEET

for

Invitation to Bid No. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01

This section consists of provisions that are specific to each procurement and supplement the information or requirements included in bidding documents.

Article B-3. Bid Security

Schedule A1

The amount of bid security shall be USD 3,930.- or THB 128,500.-.

Schedule A2, B1 and C1

The amount of bid security shall be USD 18,530.- or THB 606,500.-.

Schedule A3

The amount of bid security shall be USD 18,030.- or THB 590,000.-.

Schedule A4, B2, C2 and D1

The amount of bid security shall be USD 22,130.- or THB 724,500.-.

Schedule A5

The amount of bid security shall be USD 16,500.- or THB 540,000.-.

Schedule A6

The amount of bid security shall be USD 1,040.- or THB 34,000.-.

Schedule A7, B3, C3, D2 and E1

The amount of bid security shall be USD 28,240.- or THB 924,500.-.

Schedule A8

The amount of bid security shall be USD 5,780.- or THB 189,000.-.

Article B-4. Validity of Bids

The validity of the bid shall be for one hundred and fifty (150) Days from the date specified for opening of bid.

Article B-8. Information to be Submitted with Bid

Item m. is not applicable

Article B-12. Evaluation and Comparison of Bids:

The evaluation of bid prices shall be on :

- Schedule Basis for Schedule A1, A3, A6, A5 and A8
- Combined of Schedule A2, B1 and C1
- Combined of Schedule A4, B2, C2 and D1
- Combined of Schedule A7, B3, C3, D2 and E1

Article E-29. Failure to Meet Requirements and F-10. Maintenance Guarantee

Maintenance Guarantee Period

- For all Equipment except Shunt Reactor, 200 MVA 230 kV and above Power Transformer and 500 kV System Voltage Equipment

The Contractor shall guarantee the proper functioning of Equipment for a period of one (1) Year except the following Equipment the guarantee period of which shall be as follows :

<u>Equipment</u>	<u>Period of Guarantee (Year)</u>
- Fault Recording System	2
- Control and Protection System	2
- <u>For Shunt Reactor, 200 MVA 230 kV and above Power Transformer and 500 kV System Voltage Equipment</u>	

The Contractor shall guarantee the proper functioning of Equipment for a period of five (5) Years.

Defective Equipment to be replaced with the whole new set

None

Article F-9. Liquidated Damages for Late Delivery of Equipment

The Liquidated Damages shall be at the rate of one-tenth of one (0.10) per cent of the price of each complete item of Equipment not timely delivered for each Day of delay. This sum is payable regardless of the actual loss and/or damages incurred.

ELECTRICITY GENERATING AUTHORITY OF THAILAND
Nonthaburi
Thailand

INVITATION TO BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01

**SUPPLY OF POWER CIRCUIT BREAKER AND/OR
DISCONNECTING SWITCH**

**REPLACEMENT PLAN OF SUBSTATION
EQUIPMENT PHASE 3**

**WORK PLAN TO IMPROVE THE ELECTRICITY SUPPLY MODEL FOR HIGH
VOLTAGE SUBSTATION TO ENHANCE
THE TRANSMISSION SYSTEM STABILITY
AND RELIABILITY**

**LONG-TERM INVESTMENT PLAN TO ACCOMMODATE
LARGE POWER CONSUMER**

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

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

A-1. Invitation

The Electricity Generating Authority Of Thailand (EGAT) Hereby Invites Sealed Bids for Furnishing and Delivering of Power Circuit Breaker and/or Disconnecting Switch Under Replacement Plan of Substation Equipment Phase 3, Work Plan to Improve The Electricity Supply Model for High Voltage Substation to Enhance The Transmission System Stability and Reliability, Long-Term Investment Plan to Accommodate Large Power Consumer, Transmission System Improvement Project in Northeastern, Lower Northern, Central Regions and Bangkok Area to Enhance System Security and Transmission System Improvement Project in Eastern Region to Enhance System Security Hereinafter Called Equipment in Accordance With The Terms, Conditions and Specifications Described in These Bidding Documents.

A-2. Eligibility of Bidders: General Requirements

All Bidders shall meet the following requirements; failure to so comply shall constitute sufficient ground for rejection.

- a. The Bidder shall be a partnership, firm or company, either alone or in joint venture or in consortium.

- b. The Bidder must have purchased the bidding documents from EGAT. For a joint venture or a consortium, only one (1) member of the joint venture or consortium is required to purchase the bidding documents.

In case the Bidder's name is not exactly the same as the purchaser's name, the purchaser shall notify EGAT of the name of the Bidder in writing prior to the bid opening time.

- c. The Bidder shall be well-established and maintain a permanent place of business. For a joint venture or consortium, all members of the joint venture or consortium are required to meet this qualification.
- d. The Bidder shall not be named in the List of Work Abandoners published by the Permanent Secretary, Ministry of Finance, and/or in the Debarment List and/or in the List of Work Abandoners declared by EGAT.
- e. For the Bidder who changes name before submitting the bid, his experience records in previous name shall be considered as the experience records of the Bidder.
- f. The Bidder shall not be a Jointly Interested Bidder with other Bidders as from the date of EGAT's issuance of this invitation to bid, or shall not be a person who undertakes any action as an "Obstruction of Fair Price Competition" as defined in Additional Regulation for this invitation.
- g. The Bidder shall not either be EGAT's consultant or involve in EGAT's consultancy company under this invitation, or have EGAT's personnel involved in his business as shareholder having voting right that can control his business, director, manager, officer, employee, agent or consultant except the ones who are officially ordered by EGAT to act or participate therein.
- h. The Bidder shall not be the person who is privileged or protected not to be taken any legal proceeding under Thai court; provided that such Bidder's government declares that such special privilege is waived.
- i. In case of a joint venture or consortium, the Bidder shall carry out all the provision of the Equipment and all Work under such formation from the time of bidding until the fulfillment of the Contract and the parties to the joint venture or the consortium shall accept joint and several liability for performing all obligations under the bid and the Contract.
- j. The Bidder shall not propose to supply the Equipment from the country under the state of war whether declared or not.

- k. The Bidder shall have adequate fund to meet financial obligations incidental to this Contract.
- l. The Bidder shall submit documentary evidence established in accordance with Article B-8. Information to be Submitted with Bid to demonstrate the Bidder's sufficient eligibility to bid and qualification to perform the Contract.

A-3. Eligibility of Bidders: Technical Requirements

1. All Bidders shall meet the following requirements; failure to so comply shall constitute sufficient ground for rejection.

- a. The Bidder shall manufacture or supply the Equipment or Work as required under this invitation to bid.
- b. If the Bidder is a new company formed by acquisition of or merger with other companies or business units before submitting the Bid, the experience records of any of such previous companies or business units that meet the requirements set forth herein are acceptable as the experience records of the Bidder.
- c. The Bidder shall have no just or proper claims pending against the Bidder with respect to breach in the performance of contract on other similar works awarded by EGAT. If the Bidder is a new company formed by acquisition of or merger with other companies or business units, the pending claim of any of such previous companies or business units shall be considered pending claim of the Bidder.
- d. The Bidder shall have sufficient capacity to carry out the Work.
- e. The bidder shall propose the Equipment manufactured by the qualified manufacturers who shall fulfill the following requirements :
 1. Being well-established and maintaining a permanent place of business.
 2. The manufacturer shall have the experience records that meet the requirements set forth herein.

Reference records of either parent or affiliated companies shall not be considered as the records of such manufacturer.

3. If the Manufacturer is a new company formed by acquisition of or merger with other companies or business units, and any of such previous companies or business units has the experience records that meet the requirements set forth herein, such experience records are acceptable as the experience records of the new company, provided that each item of the equipment to be supplied under this bid shall be manufactured from the same source of supply as indicated in each of such relevant supply records as described in Item e.5 below. Otherwise, it shall not be acceptable and shall be sufficient grounds for rejection.

For the avoidance of doubt, it is not allowed to combine the experience records of the previous companies or business units in order to meet the experience requirements.

4. Regularly manufacturing of Equipment of the type and ratings proposed.
5. Having one of the following qualifications for the required Equipment as follows:
 - 5.1 Proposing the Equipment of the type and ratings which have ever been accepted by EGAT.

OR

- 5.2 For 230 kV Power Circuit Breaker

Having a supply record of Equipment of the type proposed at nominal system voltage of 220 kV or above, 3000 A or above, 50 kA or above, with successful operation/use of at least three (3) consecutive years in an overseas country (not his own country) and at least three (3) three phase sets.

However, the Equipment of the type and ratings proposed shall have a supply record of successful operation/use of at least three (3) consecutive years in overseas country (not his own country) and at least one (1) three phase set.

In case that the supply record of Equipment of the type and ratings proposed fulfilled the requirement, the manufacturer may propose a newly developed or modified type of such Equipment with successful operation/use for at least one (1) year in overseas country (not his own country) and at least three (3) three phase sets. The detailed information of the development or modification shall be submitted with his proposal. EGAT, however, reserves the right and will make its own judgment whether or not to consider or accept the proposed developed or modified type.

For 115 kV Power Circuit Breaker

Having a supply record of Equipment of the type proposed at nominal system voltage of 110 kV or above, 2000 A or above, 40 kA or above, with successful operation/use of at least three (3) consecutive years in an overseas country (not his own country) and at least three (3) three phase sets.

However, the Equipment of the type and ratings proposed shall have a supply record of successful operation/use of at least three (3) consecutive years in overseas country (not his own country) and at least one (1) three phase set.

In case that the supply record of Equipment of the type and ratings proposed fulfilled the requirement, the manufacturer may propose a newly developed or modified type of such Equipment with successful operation/use for at least one (1) year in overseas country (not his own

country) and at least three (3) three phase sets. The detailed information of the development or modification shall be submitted with his proposal. EGAT, however, reserves the right and will make its own judgment whether or not to consider or accept the proposed developed or modified type.

For 69 kV and below Power Circuit Breaker

Having a supply record of Equipment of the type and ratings proposed with successful operation/use of at least three (3) consecutive years in an overseas country (not his own country) and at least three (3) three phase sets. The ratings and features of Equipment shall be the same or similar rating as EGAT specifies.

In case that the supply record of Equipment of the type and ratings proposed fulfilled the requirement, the manufacturer may propose a newly developed or modified type of such Equipment with successful operation/use of at least one (1) year in overseas country (not his own country) and at least three (3) three phase sets. The detailed information of the development or modification shall be submitted with his proposal. EGAT, however, reserves the right and will make its own judgment whether or not to consider or accept the proposed developed or modified type.

Supply records of the higher rating Equipment shall not be accepted if the Bidder does not propose such higher rating Equipment in his bid.

For 230 kV and below Disconnecting Switch

Having a supply record of Equipment of the type and ratings proposed with successful operation/use for at least three (3) consecutive years in an overseas country (not his own country) and at least three (3) three phase sets. The ratings and features of Equipment shall be the same or similar rating as EGAT specifies.

In case that the supply record of Equipment of the type and ratings proposed fulfilled the requirement, the manufacturer may propose a newly developed or modified type of such Equipment with successful operation/use for at least one (1) year in overseas country (not his own country) and at least three (3) three phase sets. The detailed information of the development or modification shall be submitted with his proposal. EGAT, however, reserves the right and will make its own judgment whether or not to consider or accept the proposed developed or modified type.

Supply records of the higher rating Equipment shall not be accepted if the Bidder does not propose such higher rating Equipment in his bid.

6. Having a past design test record of the Equipment as proposed, if specified in EGAT's specification. Such past design test record shall conform to the test specified in EGAT's specification.

7. Proposing the manufacturer who has no just or proper claims pending against Equipment on other similar works.

In case the manufacturer is a new company formed by acquisition or merger with other companies or business units, the pending claim of any of such previous companies or business units shall be considered pending claim of the manufacturer.

II. All Bidders should preferably meet the following requirements; failure to so comply may constitute sufficient ground for rejection.

- a. Proposing the steel supporting structure of Disconnecting Switch manufactured by local manufacturers.

A-4. Joint Venture or Consortium

In the event that the successful Bidder is a joint venture or a consortium formed of two or more companies, EGAT requires that the parties to the joint venture or the consortium accept joint and several liability for all obligations under the Contract.

A-5. Preparation and Delivery of Bids

Bids shall be prepared in accordance with the Instructions to Bidders contained in the Bidding Documents in one (1) original ***hard copy and one (1) electronic copy contained in USB flash drive***, in English, on the bid forms included for this purpose and shall be accompanied with a bid security as required under Article B-3. Bid Security in a separate sealed envelope.

For preparation of original hard copy, each page of the original hard copy shall be marked with the volume number and the page number in the lower right-hand corner, for example, Volume 1 of 10 and Page 1 of 100.

For preparation of electronic copy, each volume of the signed original hard copy shall be scanned into one (1) PDF file and each PDF file shall be named according to the volume number.

The USB flash drive shall contain electronic files of the proposal in the following formats :-

- PDF files of all pages of each volume of the proposal, and***
- Excel files of filled-in Proposal Data, and***
- Excel files of filled-in Price Schedule***

In the event of any discrepancy between the original hard copy and the electronic file(s), the original hard copy shall govern.

The envelope of the bids will be marked in capital letters in the lower left-hand corner as follows :

INVITATION TO BID NO. IRS3-IETS-LPLC-TIEC-TIPE-MJ2-01
SUPPLY OF POWER CIRCUIT BREAKER AND/OR
DISCONNECTING SWITCH
REPLACEMENT PLAN OF SUBSTATION
EQUIPMENT PHASE 3
WORK PLAN TO IMPROVE THE ELECTRICITY SUPPLY MODEL FOR HIGH
VOLTAGE SUBSTATION TO ENHANCE
THE TRANSMISSION SYSTEM STABILITY
AND RELIABILITY
LONG-TERM INVESTMENT PLAN TO ACCOMMODATE
LARGE POWER CONSUMER
TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN
NORTHEASTERN, LOWER NORTHERN, CENTRAL
REGIONS AND BANGKOK AREA TO
ENHANCE SYSTEM SECURITY
TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN
EASTERN REGION TO ENHANCE SYSTEM SECURITY

and shall be addressed and delivered to **EGAT**, on or before 10:00 a.m., Bangkok Standard Time, ...*see Tentative Schedule*.....

If the envelope(s) is not sealed, marked and addressed as required above, EGAT will assume no responsibility for the bid misplacement or premature opening.

Bids will be opened publicly at the *place and* time specified *in Tentative Schedule*.

Bids received after the time stipulated herein shall be rejected and returned unopened.

A-6. Availability of Bidding Documents

The Bidding Documents are available for examination *and online purchase at* <http://www4.egat.co.th/fprocurement/biddingeng/> and can be obtained *by downloading via link provided by EGAT* upon payment to EGAT, non-refundable, in the amount of USD 10.- or Baht 300.-. These prices include the value added tax.