

Notice to Bidder

Subject : Online Payment for Purchase of Bidding Documents

Due to the outbreak of COVID-19 in Thailand, please be informed of the online payment for purchase of bidding documents as follows:

- 1) 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, Bangkrui Branch, Nonthaburi.

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

- 2) Download the Registration Form and fill out all necessary information by typing. (Complete data is required.)
- 3) Submit the fill-out Registration Form and the proof of payment from 1) to the email address of the in-charge officer and procurement.tse@egat.co.th in the CC. before 15.00 hrs. Bangkok Standard Time.
- 4) 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.

***** Please note that this online payment process is a temporary measure due to the COVID-19 outbreak. The online payment process will be available until further notice from EGAT *****

Registration Form

Invitation to Bid No. TILS-MJ2-02 and TS12-MJ2-09

Supply of Power Circuit Breaker and Disconnecting Switch

Transmission System Improvement Project in Lower Southern Region to Enhance System Security
Transmission System Expansion Project No. 12

Available Duration for Purchasing : January 17, 2022 - March 21, 2022

Price of Bidding Documents : USD 10.- or THB 300.-

Instructions

- 1) 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.
- 2) Fill out this Registration Form in English by typing. (Complete data is required.)
- 3) Submit the filled-out Registration Form and the proof of payment to the in-charge officer via email (with cc. procurement.tse@egat.co.th) before 15.00 hrs. Bangkok Standard Time.
- 4) 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, which will take approximately 3 working days.

For Purchaser		TAX ID :
No.	Receipt No. :	Date :
Bidder's Name		
Address		
		Country :
Name of Contact Person :		Tel.
		Mobile No.
Email Address :		
Local Representative		
Address		
		Tax ID :
Name of Contact Person :		Tel.
		Mobile No.
Email Address :		
For Procurement Officer		Change of Bidder's Name
TAX ID :		
Bidder's Letter No. :		Dated :
New Bidder's Name		
Address		
		Country :
Name of Contact Person :		Tel.
		Mobile No.
Email Address :		
Contact Information of In-charge Officer		
Name	Mr. Pasakorn Piyathamrongrat	
Email address	pasakorn.piy@egat.co.th	
Telephone No.	66 2436 0348	
Mobile No.	668 4008 3231	



Invitation to Bid No. TILS-MJ2-02 and TS12-MJ2-09
Supply of Power Circuit Breaker and Disconnecting Switch
Transmission System Improvement Project in Lower Southern Region
to Enhance System Security
Transmission System Expansion Project No. 12

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) :

Schedules A1 and B1 : 500 kV Power Circuit Breaker	THB	21,900,000.-
Schedules A2 and B2 : 500 kV Disconnecting Switch	THB	6,160,000.-

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.
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 in CD-ROM will be available for examination of Bidder's Qualifications and purchase during 8:00 hrs. to 15:00 hrs., Bangkok Standard Time, as from January 17, 2022 to March 21, 2022 at USD 10.- or THB 300.- per copy, non-refundable, at the following address :

International Procurement Department - Transmission Segment
(Room No. 301, 3rd Floor, Tor 082 Building)
Procurement and Inventory Management Division
Electricity Generating Authority of Thailand
Bangkruai, Nonthaburi 11130, Thailand
Telephone no. 66 2436 0341
E-mail : procurement.tse@egat.co.th

Please find more details and download Registration Form for purchasing Bidding Documents at <http://www4.egat.co.th/fprocurement/biddingeng/>.

Payment can be made by a certified cheque or money order payable to EGAT or by a telegraphic transfer to EGAT's current 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.

Bidding Documents in CD-ROM will be either airmailed or airfreighted to the buyer at EGAT's expense upon receipt of the relevant remittance. In case the buyer requires the Bidding Documents to be sent by Express Mail Service (EMS), the charge will be at the buyer's expense.

Delivery of Bids

Bids shall be submitted at **Bidding Room, 1st Floor, Tor 082 Building** during 9:30 hrs. to 10:00 hrs., Bangkok Standard Time, March 29, 2022 and will be opened publicly at 10:00 hrs.

ELECTRICITY GENERATING AUTHORITY OF THAILAND

January 10, 2022

Kannika Dhachalapat

(Mrs. Kannika Dhachalapat)
Chief, International Procurement Department -
Transmission Segment



ประกาศการไฟฟ้าฝ่ายผลิตแห่งประเทศไทย
เรื่อง ประกวดราคาซื้อ เลขที่ TILS-MJ2-02 and TS12-MJ2-09

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (กฟผ.) มีความประสงค์จะซื้อ Power Circuit Breaker and Disconnecting Switch สำหรับโครงการปรับปรุงระบบส่งไฟฟ้าบริเวณภาคใต้ตอนล่าง เพื่อเสริมความมั่นคงระบบไฟฟ้า และโครงการขยายระบบส่งไฟฟ้า ระยะที่ 12 โดยใช้งบประมาณ กฟผ.

สถานที่ส่งมอบ : ท่าเรือกรุงเทพฯ / หน้าโรงงานผู้ผลิต

ราคากลาง (รวมภาษีมูลค่าเพิ่มและค่าใช้จ่ายอื่น ๆ) :

Schedules A1 and B1 : 500 kV Power Circuit Breaker	21,900,000.- บาท
Schedules A2 and B2 : 500 kV Disconnecting Switch	6,160,000.- บาท

คุณสมบัติของผู้เสนอราคา

1. ต้องเป็นนิติบุคคลผู้ผลิตหรือเป็นผู้มีอาชีพขายพัสดุตามประกาศ และต้องไม่เป็นผู้ที่งานซึ่งปลัดกระทรวงการคลังได้แจ้งเวียนชื่อไว้ หรือต้องไม่เป็นผู้ที่ กฟผ. ห้ามติดต่อหรือห้ามเข้าเสนอราคา หรือต้องไม่เป็นผู้ที่ได้รับผลของการสั่งให้นิติบุคคลหรือบุคคลอื่นเป็นผู้ที่งานตามคำสั่ง กฟผ.
2. ต้องไม่เป็นผู้มีผลประโยชน์ร่วมกันกับผู้เสนอราคารายอื่น ณ วันประกาศประกวดราคาครั้งนี้เป็นต้นไป หรือต้องไม่เป็นผู้กระทำการอันเป็นการขัดขวางการแข่งขันราคาอย่างเป็นธรรมในการดำเนินการประกวดราคาครั้งนี้
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 ตั้งแต่การเสนอราคาจนถึงสิ้นสุดข้อผูกพันกับ กฟผ.

การขายเอกสารประกวดราคา

ผู้สนใจติดต่อขอทราบรายละเอียด เพื่อตรวจสอบคุณสมบัติของผู้เสนอราคา และขอซื้อเอกสารประกวดราคา ในราคาชุดละ 300.- บาท ได้ที่ แผนกจัดซื้อต่างประเทศสายงานระบบส่ง (ห้อง 301 ชั้น 3 อาคารฝ่ายจัดซื้อจัดจ้างและบริหารพัสดุ ท.082) กองจัดซื้อจัดจ้างต่างประเทศสายงานระบบส่ง ฝ่ายจัดซื้อจัดจ้างและบริหารพัสดุ การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย เชียงสะพานพระราม 7 จังหวัดนนทบุรี ในวันทำการระหว่างเวลา 08:00 น. ถึง 15:00 น. ตั้งแต่วันที่ 17 มกราคม 2565 ถึงวันที่ 21 มีนาคม 2565 หรือสอบถามทางโทรศัพท์ หมายเลข 0 2436 0341 หรืออีเมล procurement.tse@egat.co.th ทั้งนี้ สามารถ download แบบฟอร์มลงทะเบียนผู้ซื้อเอกสารประกวดราคาได้ที่เว็บไซต์ <http://www4.egat.co.th/fprocurement/biddingeng/>

การยื่นซองประกวดราคา

กำหนดยื่นซองประกวดราคา ในวันที่ 29 มีนาคม 2565 เวลา 09:30 น. ถึง 10:00 น. และเปิดซองประกวดราคา เวลา 10:00 น. ณ ห้องประกวดราคา ชั้น 1 อาคารฝ่ายจัดซื้อจัดจ้างและบริหารพัสดุ ท.082 การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย เชียงสะพานพระราม 7 จังหวัดนนทบุรี

ประกาศ ณ วันที่ 10 มกราคม 2565

กมลทิศา ธนกุลัญ

(นางกรรณิกา ธชาลัญญ์)

หัวหน้ากองจัดซื้อจัดจ้างต่างประเทศสายงานระบบส่ง

ตารางแสดงวงเงินงบประมาณที่ได้รับจัดสรรและราคากลาง(ราคาอ้างอิง)
ในการจัดซื้อจัดจ้างที่มีไข่งานก่อสร้าง

- ชื่อโครงการ Bid No. TILS-MJ2-02 and TS12-MJ2-09
งานจัดซื้อ Power Circuit Breaker and Disconnecting Switch
โครงการปรับปรุงระบบส่งไฟฟ้าบริเวณภาคใต้ตอนล่าง เพื่อเสริมความมั่นคงระบบไฟฟ้า
โครงการขยายระบบส่งไฟฟ้าระยะที่ 12
/หน่วยงานเจ้าของโครงการ ฝ่ายแผนงานและโครงการระบบส่ง การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย
- วงเงินงบประมาณที่ได้รับจัดสรร
โครงการปรับปรุงระบบส่งไฟฟ้าบริเวณภาคใต้ตอนล่าง เพื่อเสริมความมั่นคงระบบไฟฟ้า
งบประมาณ 35,400 ล้านบาท
โครงการขยายระบบส่งไฟฟ้าระยะที่ 12 งบประมาณ 60,000 ล้านบาท
- วันที่กำหนดราคากลาง 15 ธันวาคม 2564 (วันที่ อวส. อนุมัติ)
ราคารวมภาษีมูลค่าเพิ่มและค่าใช้จ่ายอื่นๆ เป็นเงิน 28,060,000.00 บาท ราคา/หน่วย ตามเอกสารแนบ
- แหล่งที่มาของราคากลาง
หลักเกณฑ์การกำหนดราคากลางการจัดซื้อและจัดจ้างงานก่อสร้างระบบส่งไฟฟ้าของสายงานระบบส่ง
- รายชื่อเจ้าหน้าที่ผู้กำหนดราคากลาง
5.1 นางสาวมธุรส ชมาฤกษ์ วศ.10 กวอ-ส.
5.2 นางสาวณภัทร จิระภาพันธุ์ วศ.6 หอต-ส. กวอ-ส.
หมายเหตุ ค่าใช้จ่ายอื่นๆ ได้แก่ ค่าใช้จ่ายที่ กฟผ. ต้องจ่ายตามวิธีการพิจารณาเปรียบเทียบราคาที่กำหนดไว้
ในเอกสารประกวดราคา เช่น อากรขาเข้า เป็นต้น

หญิงนงนุช พูนผลกุล
นางสาวหทัยภัทร พูนผลกุล
ทชตส-ห.

10 ม.ค. 2565

Medium Cost For Bid No. TILS-MJ2-02 and TS12-MJ2-09

Schedule	Currency	Medium Cost* (Round)
A1 & B1	THB	21,900,000.00
A2 & B2	THB	6,160,000.00
รวม	THB	28,060,000.00

*Includes VAT and other expenses

เขทินันท์ พูนผลฤ
นางสาวหทัยภัทร พูนผลฤ
ทชตส-ท.
10 มี.ค. 2565

MEDIUM COST FOR BID NO. TILS-MJ2-02 and TS12-MJ2-09

SUMMARY OF BID PRICE FOR SCHEDULE A1 AND B1

SUPPLY OF POWER CIRCUIT BREAKER AND DISCONNECTING SWITCH

TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN LOWER SOUTHERN REGION TO ENHANCE SYSTEM SECURITY
TRANSMISSION SYSTEM EXPANSION PROJECT NO.12

No.	Description	Currency	Supply of Equipment		Foreign Currency (excluding VAT)
			Foreign Supply	Local Supply	
			CFR Thai Port	Ex-works Price (excluding VAT) Baht	
			Amount	Amount	
1	Schedule A1 : 500 kV Power Circuit Breaker	THB	8,056,814.00	1,896,294.00	230,548.00
2	Schedule B1 : 500 kV Power Circuit Breaker	THB	8,056,814.00	1,896,294.00	230,548.00
BID PRICE		THB	16,113,628.00	Baht 3,792,588.00	461,096.00
IMPORT DUTY		THB		Baht	
CUSTOM CLEARANCE		THB	96,681.77	Baht	
VAT		THB	1,127,953.96	Baht 265,481.16	32,276.72
SUMMARY OF MEDIUM COST		THB	17,338,263.73	Baht 4,058,069.16	493,372.72
SUMMARY OF MEDIUM COST FOR SCHEDULE A1 AND B1		THB	21,889,705.61		
SUMMARY OF MEDIUM COST FOR SCHEDULE A1 AND B1 (ROUND)		THB	21,900,000.00		

นางสาว พุฒิภา

นางสาวหทัยภัทร พูนผลุ.

ทชตส-น.

10 มี.ค. 2565


นางสุตารัตน์ ไชยพันธุ์
ผู้อำนวยการฝ่ายวิศวกรรมระบบส่ง

16 Dec 2021

MEDIUM COST FOR BID NO. TILS-MJ2-02 and TS12-MJ2-09
SUMMARY OF BID PRICE FOR SCHEDULE A2 AND B2
SUPPLY OF POWER CIRCUIT BREAKER AND DISCONNECTING SWITCH
TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN LOWER SOUTHERN REGION TO ENHANCE SYSTEM SECURITY
TRANSMISSION SYSTEM EXPANSION PROJECT NO.12

No.	Description	Currency	Supply of Equipment	
			Foreign Supply	Local Supply
			CFR Thai Port	Ex-works Price (excluding VAT) Baht
			Amount	Amount
1	Schedule A2 : 500 kV Disconnecting Switch	THB	2,362,200.00	504,786.00
2	Schedule B2 : 500 kV Disconnecting Switch	THB	2,362,200.00	504,786.00
BID PRICE		THB	4,724,400.00	Baht 1,009,572.00
IMPORT DUTY		THB		Baht
CUSTOM CLEARANCE		THB	28,346.40	Baht
VAT		THB	330,708.00	Baht 70,670.04
SUMMARY OF BID PRICE		THB	5,083,454.40	Baht 1,080,242.04
SUMMARY OF BID PRICE FOR SCHEDULE A2 AND B2		THB	6,163,696.44	
SUMMARY OF BID PRICE FOR SCHEDULE A2 AND B2 (ROUND)		THB	6,160,000.00	

นางสาวหทัยภัทร พูนผลกุล
 ทชตส-ท.
 10 มี.ค. 2565


 นางสุดารัตน์ ไชยพันธุ์
 ผู้อำนวยการฝ่ายวิศวกรรมระบบส่ง
 16 Dec 2021

MEDIUM COST FOR BID NO. TILS-MJ2-02 and TS12-MJ2-09

Schedule A1 : 500 kV Power Circuit Breaker


SUPPLY OF POWER CIRCUIT BREAKER AND DISCONNECTING SWITCH

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

Item No.	Description	Qty.	Unit	Currency	Supply of Equipment				Supply of Equipment		Foreign Currency	Local Currency (excluding VAT) Baht		
					Foreign Supply				Local Supply				Amount	Amount
					FOB Vessel	Cost of Transportation to Thai Port	CFR Thai Port		Ex-works Price (excluding VAT) Baht					
					Unit Price	Unit Price	Unit Price	Amount	Unit Price	Amount				
A1-1	525 kV 4000 A 50 kA GCB 1&3 pole trip as per Ratings and Features RF CB995R(IEC) (for 550 kV 110 MVar Y-connected five-limbed core type shunt reactor with 110 kV 2.18 Mvar neutral reactor with earthed neutra)	2		THB	4,028,407.00		4,028,407.00	8,056,814.00			XXXXX	XXXXX		
A1-2	Swing Rack Cabinet as per dwg no. TP-E-10.1 completed with two Controlled Switching Device(CSD) and Control Cable link between Power Circuit Breaker and CSD (include to CT/ VT) for item no. A1-1	1							1,145,206.00	1,145,206.00	XXXXX	XXXXX		
A1-3	Circuit breaker marshalling KIOSK as per Dwg No. TP-E-6.13, TS-S-1 and TS-S-7	2							246,272.00	492,544.00	XXXXX	XXXXX		
A1-4	Steel Supporting Structure for CB995R (IEC)* for item no. A1-1	2							129,272.00	258,544.00	XXXXX	XXXXX		
A1-5	Cost of installation supervisor for item A-1	4.00	Man day	THB	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	58,876.00			
A1-6	Cost of installation supervisor for item A-2 (Controlled Switching Device)	2.00	Man day	THB	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	171,672.00			
	The length of Control Cable linking between Power Circuit Breaker Controlled Switching Device and CT/VT is referred from Dwg. No. TS-S-7													
	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 thru A1-4 For item no. A1-3, Bidder shall submit Bill of Material and equipment layout diagram													
Total Price for Schedule A1				THB	8,056,814.00				Baht	1,896,294.00		230,548.00	Baht	

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

นางสาว หทัยภัทร พูนผลกุล
 หขตส-พ.
 10 มี.ค. 2565


 นางสาวรัตน์ ไชยพันธ์
 ผู้อำนวยการฝ่ายวิศวกรรมระบบส่ง
 16 Dec 2021

MEDIUM COST FOR BID NO. TILS-MJ2-02 and TS12-MJ2-09
Service of Installation Supervisor (Schedule A1)
SUPPLY OF POWER CIRCUIT BREAKER AND DISCONNECTING SWITCH
TRANSMISSION SYSTEM IMPROVEMENT PROJECT IN LOWER SOUTHERN REGION TO ENHANCE SYSTEM SECURITY


Item No.	Description	Qty.	Unit	Currency	Foreign Currency		Local Currency (excluding VAT) Baht	
					Unit Price	Amount	Unit Price	Amount
A1-5	Cost of installation supervisor for item A1-1	4.00	Man day	THB	14,719.00	58,876.00		
A1-6	Cost of installation supervisor for item A1-2 (Controlled Switching Device)	2.00	Man day	THB	85,836.00	171,672.00		

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 Supervisors 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 mandays rate.


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16 Dec 2021


 นางสาวนัยภัทร พูนผลกุล
 หจกส-ท.

10 มี.ค. 2565

MEDIUM COST FOR BID NO. TILS-MJ2-02 and TS12-MJ2-09

Schedule A2 : 500 kV Disconnecting Switch

SUPPLY OF POWER CIRCUIT BREAKER AND DISCONNECTING SWITCH

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

Item No.	Description	Qty.	Unit	Currency	Supply of Equipment				Supply of Equipment		
					Foreign Supply				Local Supply		
					FOB Vessel	Cost of Transportation to Thai Port	CFR Thai Port		Ex-works Price (excluding VAT) Baht		
					Unit Price	Unit Price	Unit Price	Amount	Unit Price	Amount	
A2-1	550 kV 4000 A air switch with grounding blade (high creepage) motor operated as per Ratings and Features RF DS99KI(IEC) (Phase spacing = 7.50 m.)	2		THB	1,181,100.00		1,181,100.00	2,362,200.00			
A2-2	Steel Supporting Structure for DS99KI as per EGAT's Dwg. No. ST-DS-9-01 and SD-AB-0-01, H = 9.00 m	2			XXXXX	XXXXX	XXXXX	XXXXX	252,393.00	504,786.00	
	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 A2-1 with A2-2.										
Total Price for Schedule A2				THB	2,362,200.00				Baht	504,786.00	


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16 Dec 2021

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หจตส-ท.

10 มี.ค. 2565

- Project 1-C3 -

filename : Price_TILS-MJ2-02 and TS12-MJ2-09 (TILS).xlsx

MEDIUM COST FOR BID NO. TILS-MJ2-02 and TS12-MJ2-09
Schedule B1 : 500 kV Power Circuit Breaker
MEDIUM COST FOR BID NO. TILS-MJ2-02 AND TS12-MJ2-09
TRANSMISSION SYSTEM EXPANSION PROJECT NO.12

Item No.	Description	Qty.	Unit	Currency	Supply of Equipment				Supply of Equipment		Foreign Currency	Local Currency (excluding VAT) Baht		
					Foreign Supply				Local Supply				Amount	Amount
					FOB Vessel Unit Price	Cost of Transportation to Thai Port Unit Price	CFR Thai Port Unit Price Amount		Ex-works Price (excluding VAT) Baht Unit Price	Amount				
B1-1	525 kV 4000 A 50 kA GCB 1&3 pole trip as per Ratings and Features RF CB995R(IEC) (for 550 kV 150 MVar Y-connected five-limbed core type shunt reactor)	2		THB	4,028,407.00		4,028,407.00	8,056,814.00			XXXXXX	XXXXXX		
B1-2	Swing Rack Cabinet as per dwg. no. TP-E-10.1 completed with two Controlled Switching Device (CSD) and Control Cable link between Power Circuit Breaker and CSD (include to CT/ VT) for item no. B1-1	1							1,145,206.00	1,145,206.00	XXXXXX	XXXXXX		
B1-3	Circuit breaker marshalling KIOSK as per Dwg. No. TP-E-6.13, BSP2-S-1 and BSP2-S-7	2							246,272.00	492,544.00	XXXXXX	XXXXXX		
B1-4	Steel Supporting Structure for CB995R (IEC)* for item no. B1-1	2							129,272.00	258,544.00	XXXXXX	XXXXXX		
B1-5	Cost of installation supervisor for item B1-1	4.00	Man day	THB	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	58,876.00			
B1-6	Cost of installation supervisor for item B1-2 (Controlled Switching Device)	2.00	Man day	THB	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	171,672.00			
	The length of Control Cable linking between Power Circuit Breaker, Controlled Switching Device and CT/VT is referred from Dwg. No. BSP2-S-7 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 thru B1-4 For item no. B1-3, Bidder shall submit Bill of Material and equipment layout diagram.													
Total Price for Schedule B1					THB	8,056,814.00		Baht	1,896,294.00		230,548.00	Baht		

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


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16 Dec 2021

นรชนพร พูนผลกุล
 นางสาวทศภัทร พูนผลกุล
 ทชตส-ท.

10 มี.ค. 2565

MEDIUM COST FOR BID NO. TILS-MJ2-02 and TS12-MJ2-09
Service of Installation Supervisor (Schedule B1)
MEDIUM COST FOR BID NO. TILS-MJ2-02 AND TS12-MJ2-09
TRANSMISSION SYSTEM EXPANSION PROJECT NO.12


Item No.	Description	Qty.	Unit	Currency	Foreign Currency		Local Currency (excluding VAT) Baht	
					Unit Price	Amount	Unit Price	Amount
B1-5	Cost of installation supervisor for item B1-1	4.00	Man day	THB	14,719.00	58,876.00		
B1-6	Cost of installation supervisor for item B1-2 (Controlled Switching Device)	2.00	Man day	THB	85,836.00	171,672.00		

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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16 Dec 2021


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- Project 2-C2 -

filename : Price_TILS-MJ2-02 and TS12-MJ2-09 (TS12)

MEDIUM COST FOR BID NO. TILS-MJ2-02 and TS12-MJ2-09

Schedule B2 : 500 kV Disconnecting Switch

MEDIUM COST FOR BID NO. TILS-MJ2-02 AND TS12-MJ2-09

TRANSMISSION SYSTEM EXPANSION PROJECT NO.12

Item No.	Description	Qty.	Unit	Currency	Supply of Equipment				Supply of Equipment	
					Foreign Supply				Local Supply	
					FOB Vessel	Cost of Transportation to Thai Port	CFR Thai Port		Ex-works Price (excluding VAT) Baht	
					Unit Price	Unit Price	Unit Price	Amount	Unit Price	Amount
B2-1	550 kV 4000 A air switch with grounding blade (high creepage) motor operated as per Ratings and Features RF DS99KI(IEC) (Phase spacing = 9.00 m.)	2		THB	1,181,100.00		1,181,100.00	2,362,200.00		
B2-2	Steel Supporting Structure for DS99KI as per EGAT's Dwg. No. ST-DS-9-01 and SD-AB-0-01, H = 9.00 m	2			XXXXXX	XXXXXX	XXXXXX	XXXXXX	252,393.00	504,786.00
	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 2,362,200.00				Baht 504,786.00	



นางสุตารัตน์ ไชยพันธุ์
ผู้อำนวยการฝ่ายวิศวกรรมระบบส่ง

16 Dec 2021

นางสาวหทัยภัทร พูนผลกุล
ทชตส-ท.

Important Information
for
Invitation to Bid No. TILS-MJ2-02 and TS12-MJ2-09

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 B-12. Evaluation and Comparison of Bids

The calculated insurance premium to be used for evaluation and comparison purpose has been revised from 0.0629% to **0.0554%**.

Article E-13. Inspection and Tests

Terms and conditions regarding inspection and tests have been revised.

Article E-14. Preparation for Shipment and/or Delivery

Details in the table of Instructions for Packaging at the end of Section E have been revised.

Article F- 11. Drawings and Documents to be Furnished by Contractor

Terms and conditions regarding EGAT's document management system have been added and the number of copies of the drawings and documents in Print and CD-ROM in the tables of Drawings and Documents to be Furnished by the Contractor (For Control and Protection Equipment) and of Drawings and Documents to be Furnished by the Contractor (For All Equipment except Control and Protection Equipment) at the end of section F have been revised.

DATA SHEET

for

Invitation to Bid No. TILS-MJ2-02 and TS12-MJ2-09

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

Schedules A1 and B1

The amount of bid security shall be USD 35,650.- or THB 1,210,000.-.

Schedules A2 and B2

The amount of bid security shall be USD 10,020.- or THB 340,000.-.

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 :

- combination of Schedules A1 and B1
- combination of Schedules A2 and B2.

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

- For 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 five (5) Years.

Defective Equipment to be replaced with the whole new set

For GIS, Power Transformer, Power Circuit Breaker, Shunt Reactor, in case EGAT, at its sole discretion, requires the Contractor to replace any defected Equipment, the Contractor shall replace the Equipment with the whole new set as specified in Failure to Meet Requirements in section E and Maintenance Guarantee in section F.

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.

INVITATION TO BID NO. TILS-MJ2-02 and TS12-MJ2-09
SUPPLY OF POWER CIRCUIT BREAKER AND DISCONNECTING SWITCH
TRANSMISSION SYSTEM IMPROVEMENT PROJECT
IN LOWER SOUTHERN REGION TO ENHANCE SYSTEM SECURITY
TRANSMISSION SYSTEM EXPANSION PROJECT NO.12

A-1. Invitation

The Electricity Generating Authority of Thailand (EGAT) hereby invites sealed bids for furnishing and delivering of Power Circuit Breaker and Disconnecting Switch under Transmission System Improvement Project in Lower Southern Region to Enhance System Security and Transmission System Expansion Project No.12 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 shall be a purchaser of the bidding documents from EGAT. For a joint venture or consortium, only one (1) member of the joint venture or consortium is required to purchase the bidding documents.

In the case where the Bidder is not the purchaser of the bidding documents, the purchaser shall notify EGAT of the name of the Bidder in writing *prior to the bid opening*.

- 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

- I. 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. Proposing 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 the qualifications for the proposed equipment as follows:
 - 5.1 Proposing the Equipment of the type and ratings which has already been accepted by EGAT.

OR

- 5.2 Having a supply record of Equipment of the type proposed at the maximum system voltage of 420 kV or above, 3000 A or above, 50 kA or above, with successful operation/use of at least five (5) three-phase sets and for minimum five (5) consecutive years in an overseas country (not his own country).

In case that the supply record of Equipment of the type and ratings proposed fulfills the requirement, the manufacturer may propose a

newly developed or modified type of such Equipment with successful operation/use of at least five (5) three-phase sets and of minimum one (1) year in overseas country (not his own country). 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 considered 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 according 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 and three (3) hard copies in English, on the bid forms included for this purpose and shall be accompanied with a bid security as required under the Article pertaining to Bid Security in Section B. Instructions to Bidders. The bid security will be placed in a separate sealed envelope.

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

INVITATION TO BID NO. TILS-MJ2-02 and TS12-MJ2-09
SUPPLY OF POWER CIRCUIT BREAKER AND DISCONNECTING SWITCH
TRANSMISSION SYSTEM IMPROVEMENT PROJECT
IN LOWER SOUTHERN REGION TO ENHANCE SYSTEM SECURITY
TRANSMISSION SYSTEM EXPANSION PROJECT NO.12

and shall be addressed and delivered to :

International Procurement Department - Transmission Segment
Procurement and Inventory Management Division
Electricity Generating Authority of Thailand
Bangkruai, Nonthaburi 11130
Thailand

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 ***Bidding Room, 1st floor, Tor 082 Building*** and at the time specified above.

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

A-6. Availability of Bidding Documents

The Bidding Documents in CD-ROM are available for examination and can be obtained from EGAT at the hereunder address upon payment to EGAT, non-refundable, in the amount of USD 10.- or Baht 300.-. These prices include the value added tax.

International Procurement Department - Transmission Segment
Procurement and Inventory Management Division
Electricity Generating Authority of Thailand
Bangkruai, Nonthaburi 11130
Thailand