

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 a copy of the receipt to the purchaser's email address in the Registration Form. (Purchaser can contact for the original receipt when the situation resumes to normal.)

***** 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. TS12-MC2-05 and GBA3-MC2-04

Supply of Cable and Conductor

Transmission System Expansion Project No. 12

Bulk Power Supply for the Greater Bangkok and Vicinity Area Phase 3

Available Duration for Purchasing : May 20, 2020 - June 24, 2020

Price of Bidding Documents : THB 500.-

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 a copy of the receipt to the purchaser's email address in the Registration Form, which will take approximately 3 working days. (Purchaser can contact for the original receipt when the situation resumes to normal.)

| | | | |
|--|--------------------------|-------------------------|------------|
| 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. Jatuphon Poleewatana | | |
| Email address | jatuphon.p@egat.co.th | | |
| Telephone No. | 0 2436 0341 | | |
| Mobile No. | 09 2824 1942 | | |



Invitation to Bid No. TS12-MC2-05 and GBA3-MC2-04

Supply of Cable and Conductor
Transmission System Expansion Project No. 12
Bulk Power Supply for the Greater Bangkok and Vicinity Area Phase 3

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 : Ex-works

Medium Cost (including Value Added Tax) : Schedule A1 and B1 : THB 141,000,000.-

Schedule A2 and B2 : THB 25,000,000.-

Eligibility of Bidders

1. The Bidder shall be a local manufacturer or provide such locally manufactured materials and/or equipment 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 May 20, 2020 to June 24, 2020 at THB 500.- per copy, non-refundable, at the following address :

International Procurement Department - Transmission Segment
(Room No. 1202/2, 12th Floor, Building Tor. 101)
Procurement and Inventory Management Division
Electricity Generating Authority of Thailand
Bangkruai, Nonthaburi 11130
Telephone no. 0 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/>.

Delivery of Bids

Bids shall be submitted at Room No. 1202/1, 12th Floor, Building Tor. 101 during 9:30 hrs. to 10:00 hrs., Bangkok Standard Time, July 2, 2020 and will be opened publicly at 10:00 hrs.

ELECTRICITY GENERATING AUTHORITY OF THAILAND

May 13, 2020

Kannika Dhachalapat

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



ประกาศการไฟฟ้าฝ่ายผลิตแห่งประเทศไทย
เรื่อง ประกวดราคาซื้อ เลขที่ TS12-MC2-05 and GBA3-MC2-04

การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย (กฟผ.) มีความประสงค์จะซื้อ Cable and Conductor สำหรับโครงการขยายระบบส่งไฟฟ้าระยะที่ 12 และโครงการขยายระบบไฟฟ้าในเขตกรุงเทพและปริมณฑล ระยะที่ 3 โดยใช้งบประมาณ กฟผ.

สถานที่ส่งมอบ : หน้าโรงงานผู้ผลิต

ราคากลาง(รวมภาษีมูลค่าเพิ่ม) : Schedule A1 and B1 : 141,000,000.- บาท

Schedule A2 and B2 : 25,000,000.- บาท

คุณสมบัติของผู้เสนอราคา

1. ต้องเป็นนิติบุคคลผู้ผลิตพัสดุหรือผู้มีอาชีพขายพัสดุที่ผลิตในประเทศไทยตามประกาศและต้องไม่เป็นผู้ทำงานซึ่งปลัดกระทรวงการคลังได้แจ้งเวียนชื่อไว้ หรือต้องไม่เป็นผู้ที่ กฟผ. ห้ามติดต่อหรือห้ามเข้าเสนอราคา หรือต้องไม่เป็นผู้ที่ได้รับผลของการสั่งให้นิติบุคคลหรือบุคคลอื่นเป็นผู้ทำงานตามคำสั่ง กฟผ.
2. ต้องไม่เป็นผู้มีผลประโยชน์ร่วมกันกับผู้เสนอราคารายอื่น ณ วันประกาศประกวดราคาครั้งนี้เป็นต้นไป หรือต้องไม่เป็นผู้กระทำการอันเป็นการขัดขวางการแข่งขันราคาอย่างเป็นธรรมในการดำเนินการประกวดราคาครั้งนี้
3. ต้องไม่เป็นที่ปรึกษาของ กฟผ. หรือมีส่วนร่วมในบริษัทที่ปรึกษาของ กฟผ. ในงานนี้ หรือต้องไม่มีผู้ปฏิบัติงาน กฟผ. เข้าไปมีส่วนร่วมในกิจการของผู้เสนอราคา ไม่ว่าจะในฐานะผู้ถือหุ้นที่มีสิทธิควบคุมการจัดการ กรรมการ ผู้อำนวยการ ผู้จัดการ พนักงาน ลูกจ้าง ตัวแทนหรือที่ปรึกษา ยกเว้น ในกรณีที่ผู้ปฏิบัติงานได้รับคำสั่งอย่างเป็นทางการจาก กฟผ. ให้ไปปฏิบัติงานหรือเข้าร่วมในกิจการของผู้เสนอราคา
4. ต้องไม่เป็นผู้ได้รับเอกสิทธิ์หรือความคุ้มกัน ซึ่งอาจปฏิเสธไม่ยอมขึ้นศาลไทย เว้นแต่รัฐบาลของผู้เสนอราคาได้มีคำสั่งให้สละสิทธิ์และความคุ้มกันเช่นนั้น
5. ผู้ประสงค์เข้าประกวดราคาในนามของกิจการร่วมค้าหรือกิจการค้าร่วม (Joint Venture or Consortium) จะต้องดำเนินการทุกขั้นตอนของการประกวดราคาในนามของกิจการร่วมค้าหรือกิจการค้าร่วม ตั้งแต่การเสนอราคาจนถึงสุดข้อผูกพันกับ กฟผ.

การขายเอกสารประกวดราคา

ผู้สนใจติดต่อขอทราบรายละเอียด เพื่อตรวจสอบคุณสมบัติของผู้เสนอราคา และขอซื้อเอกสารประกวดราคา ในราคาชุดละ 500.- บาท ได้ที่ แผนกจัดซื้อต่างประเทศสายงานระบบส่ง (ห้อง 1202/2 ชั้น 12 อาคาร ท.101) กองจัดซื้อจัดจ้างต่างประเทศสายงานระบบส่ง ฝ่ายจัดซื้อจัดจ้างและบริหารพัสดุ การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย เชียงสะพานพระราม 7 จังหวัดนนทบุรี ในวันทำการระหว่างเวลา 08:00 น. ถึง 15:00 น. ตั้งแต่วันที่ 20 พฤษภาคม 2563 ถึงวันที่ 24 มิถุนายน 2563 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 2 กรกฎาคม 2563 เวลา 9:30 น. ถึง 10:00 น. และเปิดซองประกวดราคา เวลา 10:00 น. ณ ห้อง 1202/1 ชั้น 12 อาคาร ท.101 การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย เชียงสะพานพระราม 7 จังหวัดนนทบุรี

ประกาศ ณ วันที่ 13 พฤษภาคม 2563

กมลิกา วิชาญภักย์
(นางกรรณิการ์ วิชาญภักย์)

หัวหน้ากองจัดซื้อจัดจ้างต่างประเทศสายงานระบบส่ง

ตารางแสดงวงเงินงบประมาณที่ได้รับจัดสรรและราคากลาง(ราคาอ้างอิง)
ในการจัดซื้อจัดจ้างที่มีใช้งานก่อสร้าง

1. ชื่อโครงการ Bid No. TS12-MC2-05 and GBA3-MC2-04
งานจัดซื้อ Cable and Conductor
โครงการขยายระบบส่งไฟฟ้าระยะที่ 12
โครงการขยายระบบไฟฟ้าในเขตกรุงเทพและปริมณฑล ระยะที่ 3
/หน่วยงานเจ้าของโครงการ ฝ่ายแผนงานและโครงการระบบส่ง การไฟฟ้าฝ่ายผลิตแห่งประเทศไทย
2. วงเงินงบประมาณที่ได้รับจัดสรร
โครงการขยายระบบส่งไฟฟ้าระยะที่ 12 งบประมาณ 60,000 ล้านบาท
โครงการขยายระบบไฟฟ้าในเขตกรุงเทพและปริมณฑล ระยะที่ 3
งบประมาณ 12,100 ล้านบาท
3. วันที่กำหนดราคากลาง 15 เมษายน 2563 (วันที่ ชสพ. อนุมัติ)
ราคารวมภาษีมูลค่าเพิ่มเป็นเงิน 166,000,000.00 บาท ราคา/หน่วย ตามเอกสารแนบ
4. แหล่งที่มาของราคากลาง
หลักเกณฑ์การกำหนดราคากลางการจัดซื้อและจัดจ้างงานก่อสร้างระบบส่งไฟฟ้าของสายงานระบบส่ง
5. รายชื่อเจ้าหน้าที่ผู้กำหนดราคากลาง
 - 5.1 นางสาวมธุรส ชมาฤกษ์ วศ.10 กวอ-ส.
 - 5.2 นายณภัทร ฉัตรรุ่ง วศ.6 หวอ-ส. กวอ-ส.

นางสาวทัญภัทร พูนผลกุล
หจตส-๗


13 พ.ค. 2563

ราคากลาง Bid No. TS12-MC2-05 and GBA3-MC2-04

| | | |
|---------------------------|-----|----------------|
| Schedule A1+B1 (round) | THB | 141,000,000.00 |
| Schedule A2+B2 (round) | THB | 25,000,000.00 |
| Summary Total Medium Cost | THB | 166,000,000.00 |

เอกนิพนธ์ พงษ์กุล
นางสาวหทัยภัทร พูนผลกุล
หจก.ส-น

13 พ.ค. 2563


(นางสุกัญญา ไชยรัตน์)
อ.ส.
13 พ.ค. 63

MEDIUM COST OF BID NO. TS12-MC2-05 and GBA3-MC2-04
SUMMARY OF BID PRICE FOR SCHEDULE A1 AND B1
SUPPLY OF CABLE AND CONDUCTOR
TRANSMISSION SYSTEM EXPANSION PROJECT NO.12
BULK POWER SUPPLY FOR THE GREATER BANGKOK AND VICINITY AREA PHASE 3

| No. | Description | Supply of Equipment | |
|---------------------------------------|--|---|-----------------------|
| | | Local Supply | |
| | | Ex-works Price (excluding VAT) Baht | |
| | | Amount | |
| 1 | Schedule A1 : Power Cable, Control Cable and Grounding Cable | | 124,191,500.00 |
| 2 | Schedule B1 : Power Cable, Control Cable and Grounding Cable | | 7,381,000.00 |
| BID PRICE | | Baht | 131,572,500.00 |
| VAT | | Baht | 9,210,075.00 |
| SUMMARY OF BID PRICE | | Baht | 140,782,575.00 |
| SUMMARY OF BID PRICE (ROUNDED) | | Baht | 141,000,000.00 |

นางสาวทัญภัทร พูนผลกุล
 พิชิตสิทธิ์

13 พ.ค. 2563

MEDIUM COST OF BID NO. TS12-MC2-05 and GBA3-MC2-04
SUMMARY OF BID PRICE FOR SCHEDULE A2 AND B2
SUPPLY OF CABLE AND CONDUCTOR
TRANSMISSION SYSTEM EXPANSION PROJECT NO.12
BULK POWER SUPPLY FOR THE GREATER BANGKOK AND VICINITY AREA PHASE 3

| No. | Description | Supply of Equipment | |
|---------------------------------------|---|---|---------------|
| | | Local Supply | |
| | | Ex-works Price (excluding VAT) Baht | |
| | | Amount | |
| 1 | Schedule A2 : XLPE Power Cable, Aluminum Conductor and Overhead Ground Wire | 22,703,060.00 | |
| 2 | Schedule B2 : Aluminum Conductor and Overhead Ground Wire | 778,440.00 | |
| BID PRICE | | Baht | 23,481,500.00 |
| VAT | | Baht | 1,643,705.00 |
| SUMMARY OF BID PRICE | | Baht | 25,125,205.00 |
| SUMMARY OF BID PRICE (ROUNDED) | | Baht | 25,000,000.00 |

นางสาวหทัยภัทร พูนผลกุล
 พชคส.ท.

13 พ.ค. 2563
 (นางผู้ดาวัลย์ ไชยท.)
 13 146 63

MEDIUM COST OF BID NO. TS12-MC2-05 and GBA3-MC2-04
Schedule A1 : Power Cable, Control Cable and Grounding Cable
SUPPLY OF CABLE AND CONDUCTOR
TRANSMISSION SYSTEM EXPANSION PROJECT NO.12

| Item No. | Description | Qty. | Unit | Supply of Equipment | |
|----------|--|-------|-------|---|--------------|
| | | | | Local Supply | |
| | | | | Ex-works Price (excluding VAT) Baht | |
| | | | | Unit Price | Amount |
| | Power and Control Cable Reference : Specification No. 323 (L) | | | | |
| A1-1 | 1/C no. 240 sq.mm. power cable (500 m per reel) | 3000 | meter | 1,018.00 | 3,054,000.00 |
| A1-2 | 1/C no. 120 sq.mm. power cable (500 m per reel) | 2500 | meter | 514.00 | 1,285,000.00 |
| A1-3 | 1/C no. 95 sq.mm. power cable (500 m per reel) | 3000 | meter | 405.00 | 1,215,000.00 |
| A1-4 | 1/C no. 35 sq.mm. power cable (500 m per reel) | 1000 | meter | 155.00 | 155,000.00 |
| A1-5 | 1/C no. 16 sq.mm. power cable (1000 m per reel) | 3000 | meter | 87.00 | 261,000.00 |
| A1-6 | 2/C no. 35 sq.mm. power cable (1000 m per reel) | 3000 | meter | 501.00 | 1,503,000.00 |
| A1-7 | 2/C no. 25 sq.mm. power cable (1000 m per reel) | 6000 | meter | 339.00 | 2,034,000.00 |
| A1-8 | 2/C no. 16 sq.mm. power cable (1000 m per reel) | 13000 | meter | 204.00 | 2,652,000.00 |
| A1-9 | 2/C no. 10 sq.mm. power cable (1000 m per reel) | 6000 | meter | 158.00 | 948,000.00 |
| A1-10 | 2/C no. 6 sq.mm. power cable (1000 m per reel) | 61000 | meter | 114.00 | 6,954,000.00 |
| A1-11 | 4/C no. 25 sq.mm. power cable (1000 m per reel) | 1000 | meter | 419.00 | 419,000.00 |
| A1-12 | 4/C no. 6 sq.mm. power cable (1000 m per reel) | 2000 | meter | 160.00 | 320,000.00 |
| A1-13 | 3/C no. 1.5 sq.mm. control cable (500 m per reel) | 13500 | meter | 72.00 | 972,000.00 |
| A1-14 | 5/C no. 1.5 sq.mm. control cable (500 m per reel) | 19000 | meter | 92.00 | 1,748,000.00 |

นางสาวหทัยภัทร พูนผลกุล
 พชตส-๗


(นางสุภาวรัตน์ ใจเย็น) 13 พ.ค. 2563
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MEDIUM COST OF BID NO. TS12-MC2-05 and GBA3-MC2-04
Schedule A1 : Power Cable, Control Cable and Grounding Cable
SUPPLY OF CABLE AND CONDUCTOR
TRANSMISSION SYSTEM EXPANSION PROJECT NO.12

| Item No. | Description | Qty. | Unit | Supply of Equipment | |
|----------|---|-------|-------|---|---------------|
| | | | | Local Supply | |
| | | | | Ex-works Price (excluding VAT) Baht | |
| | | | | Unit Price | Amount |
| A1-15 | 9/C no. 1.5 sq.mm. control cable (500 m per reel) | 6000 | meter | 140.00 | 840,000.00 |
| A1-16 | 12/C no. 1.5 sq.mm. control cable (500 m per reel) | 50500 | meter | 180.00 | 9,090,000.00 |
| A1-17 | 24/C no. 1.5 sq.mm. control cable (500 m per reel) | 15500 | meter | 396.00 | 6,138,000.00 |
| A1-18 | 5/C no. 2.5 sq.mm. control cable (500 m per reel) | 23000 | meter | 123.00 | 2,829,000.00 |
| A1-19 | 9/C no. 2.5 sq.mm. control cable (500 m per reel) | 14000 | meter | 192.00 | 2,688,000.00 |
| A1-20 | 3/C no. 4 sq.mm. control cable (500 m per reel) | 40500 | meter | 111.00 | 4,495,500.00 |
| A1-21 | 4/C no. 4 sq.mm. control cable (500 m per reel) | 50000 | meter | 132.00 | 6,600,000.00 |
| A1-22 | 5/C no. 4 sq.mm. control cable (500 m per reel) | 40000 | meter | 163.00 | 6,520,000.00 |
| A1-23 | 9/C no. 4 sq.mm. control cable (500 m per reel) | 41000 | meter | 254.00 | 10,414,000.00 |
| A1-24 | 2/C no. 6 sq.mm. control cable (500 m per reel) | 3000 | meter | 127.00 | 381,000.00 |
| A1-25 | 4/C no. 6 sq.mm. control cable (500 m per reel) | 81000 | meter | 180.00 | 14,580,000.00 |
| A1-26 | 5/C no. 6 sq.mm. control cable (500 m per reel) | 15000 | meter | 226.00 | 3,390,000.00 |
| A1-27 | 17 twisted pairs no. 0.3 sq.mm. (7/0.25 mm.) control cable (500 m per reel) | 20500 | meter | 276.00 | 5,658,000.00 |

นางสาวนันทิกร พูนผลฤกษ์


นางสาวนันทิกร พูนผลฤกษ์
 ทนตส์-น


 (นางสาวนันทิกร พูนผลฤกษ์)
 13 พ.ค. 2563
 อวส. 15 เม.ย. 63

MEDIUM COST OF BID NO. TS12-MC2-05 and GBA3-MC2-04
Schedule A1 : Power Cable, Control Cable and Grounding Cable
SUPPLY OF CABLE AND CONDUCTOR
TRANSMISSION SYSTEM EXPANSION PROJECT NO.12

| Item No. | Description | Qty. | Unit | Supply of Equipment | |
|------------------------------------|---|-------|-------|---|-----------------------|
| | | | | Local Supply | |
| | | | | Ex-works Price (excluding VAT) Baht | |
| | | | | Unit Price | Amount |
| A1-28 | Grounding Cable Reference : Specification No. 603 4/0 AWG copper ground wire (500 m per reel) | 73500 | meter | | |
| | | | | 368.00 | 27,048,000.00 |
| Total Price for Schedule A1 | | | | Baht | 124,191,500.00 |

บริษัท พงษ์พาณิชย์
นางสาวทศภัทรา พงษ์ผลกุล
พชตส-พ.
13 พ.ค. 2563


(นางสุดาวัลย์ ...)
อวส. 19 เมษายน 63

MEDIUM COST OF BID NO. TS12-MC2-05 and GBA3-MC2-04
Schedule A2 : XLPE Power Cable, Aluminum Conductor and Overhead Ground Wire
SUPPLY OF CABLE AND CONDUCTOR
TRANSMISSION SYSTEM EXPANSION PROJECT NO.12

| Item No. | Description | Qty. | Unit | Supply of Equipment | |
|----------|---|-------|-------|---|---------------|
| | | | | Local Supply | |
| | | | | Ex-works Price (excluding VAT) Baht | |
| | | | | Unit Price | Amount |
| A2-1 | XLPE Power Cable Referece : Specification No. 322 115 kV 1/C no. 800 sq.mm. XLPE power cable as per Specification attached as per Specification attached (500 m per reel) | 500 | meter | 6,143.00 | 3,071,500.00 |
| A2-2 | 115 kV 1/C no. 400 sq.mm. XLPE power cable as per Specification attached (500 m per reel) | 500 | meter | 5,198.00 | 2,599,000.00 |
| A2-3 | 33 kV 1/C no. 300 sq.mm. XLPE power cable as per Ratings and Features RF PC3910 (500 m per reel) | 1500 | meter | 1,824.00 | 2,736,000.00 |
| A2-4 | 33 kV 1/C no. 50 sq.mm. XLPE power cable as per Ratings and Features RF PC3211 (500 m per reel) | 500 | meter | 700.00 | 350,000.00 |
| A2-5 | 22 kV 1/C no. 35 sq.mm. XLPE power cable as per Ratings and Features RF PC2110 (500 m per reel) | 1500 | meter | 483.00 | 724,500.00 |
| A2-6 | Aluminum Conductor Referece : Specification No. 502 477 MCM ACSR (HAWK) (1760 m per reel) | 1760 | meter | 128.00 | 225,280.00 |
| A2-7 | 1272 MCM ACSR (1140 m per reel) | 55860 | meter | 223.00 | 12,456,780.00 |

นางสาวทวิศพร พูนผลกุล

ทชตส-พ.

13 พ.ค. 2563

- Project 1-C4 -

(นางสุดารัตน์ ไชยรัตน์)

filename : TS12-MC2-05 and GBA3-MC2-04(TS12).xlsx

MEDIUM COST OF BID NO. TS12-MC2-05 and GBA3-MC2-04
Schedule A2 : XLPE Power Cable, Aluminum Conductor and Overhead Ground Wire
SUPPLY OF CABLE AND CONDUCTOR
TRANSMISSION SYSTEM EXPANSION PROJECT NO.12

| Item No. | Description | Qty. | Unit | Supply of Equipment | |
|------------------------------------|--|------|-------|---|----------------------|
| | | | | Local Supply | |
| | | | | Ex-works Price (excluding VAT) Baht | |
| | | | | Unit Price | Amount |
| A2-8 | Overhead Ground Wire Referece : Specification No. 524 3/8 inch diameter galvanized steel overhead ground wire (high strength) (3600 m per reel) | 7200 | meter | 75.00 | 540,000.00 |
| Total Price for Schedule A2 | | | | Baht | 22,703,060.00 |

นางสาวหทัยภัทร ชุนผลฤกษ์
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13 พ.ค. 2563

- Project 1-C5 -

filename : TS12-MC2-05 and GBA3-MC2-04 (TS12) .xlsx

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MEDIUM COST OF BID NO. TS12-MC2-05 and GBA3-MC2-04
Schedule B1 : Power Cable, Control Cable and Grounding Cable
SUPPLY OF CABLE AND CONDUCTOR

BULK POWER SUPPLY FOR THE GREATER BANGKOK AND VICINITY AREA PHASE 3

| Item No. | Description | Qty. | Unit | Supply of Equipment | |
|----------|--|------|-------|---|------------|
| | | | | Local Supply | |
| | | | | Ex-works Price (excluding VAT) Baht | |
| | | | | Unit Price | Amount |
| | Power and Control Cable Reference : Specification No. 323 (L) | | | | |
| B1-1 | 1/C no. 16 sq.mm. power cable (1000 m per reel) | 1000 | meter | 87.00 | 87,000.00 |
| B1-2 | 2/C no. 6 sq.mm. power cable (1000 m per reel) | 4000 | meter | 114.00 | 456,000.00 |
| B1-3 | 3/C no. 1.5 sq.mm. control cable (500 m per reel) | 2000 | meter | 72.00 | 144,000.00 |
| B1-4 | 5/C no. 1.5 sq.mm. control cable (500 m per reel) | 2000 | meter | 92.00 | 184,000.00 |
| B1-5 | 12/C no. 1.5 sq.mm. control cable (500 m per reel) | 5000 | meter | 180.00 | 900,000.00 |
| B1-6 | 24/C no. 1.5 sq.mm. control cable (500 m per reel) | 1500 | meter | 396.00 | 594,000.00 |
| B1-7 | 5/C no. 2.5 sq.mm. control cable (500 m per reel) | 3000 | meter | 123.00 | 369,000.00 |
| B1-8 | 9/C no. 2.5 sq.mm. control cable (500 m per reel) | 500 | meter | 192.00 | 96,000.00 |
| B1-9 | 3/C no. 4 sq.mm. control cable (500 m per reel) | 2500 | meter | 111.00 | 277,500.00 |
| B1-10 | 4/C no. 4 sq.mm. control cable (500 m per reel) | 1500 | meter | 132.00 | 198,000.00 |
| B1-11 | 5/C no. 4 sq.mm. control cable (500 m per reel) | 1500 | meter | 163.00 | 244,500.00 |

เดลินิวส์ พจนานุกรม
นางสาวทศภัทร พูนผลกุล
ทชตส-ท.

13 พ.ค. 2563

(นางสุดารัตน์ ไชยรัตน์)
อวส. 15 ๒๕๖๓.

MEDIUM COST OF BID NO. TS12-MC2-05 and GBA3-MC2-04

Schedule B1 : Power Cable, Control Cable and Grounding Cable

SUPPLY OF CABLE AND CONDUCTOR

BULK POWER SUPPLY FOR THE GREATER BANGKOK AND VICINITY AREA PHASE 3


| Item No. | Description | Qty. | Unit | Supply of Equipment | |
|------------------------------------|--|-------|-------|---|---------------------|
| | | | | Local Supply | |
| | | | | Ex-works Price (excluding VAT) Baht | |
| | | | | Unit Price | Amount |
| B1-12 | 9/C no. 4 sq.mm. control cable (500 m per reel) | 3500 | meter | 254.00 | 889,000.00 |
| B1-13 | 4/C no. 6 sq.mm. control cable (500 m per reel) | 11000 | meter | 180.00 | 1,980,000.00 |
| B1-14 | 5/C no. 6 sq.mm. control cable (500 m per reel) | 1000 | meter | 226.00 | 226,000.00 |
| | Grounding Cable Reference : Specification No. 603 | | | | |
| B1-15 | 4/0 AWG copper ground wire (500 m per reel) | 2000 | meter | 368.00 | 736,000.00 |
| Total Price for Schedule B1 | | | | Baht | 7,381,000.00 |

อภินันท์ พูนผลกุล
นางสาวทัญญา พูนผลกุล
ทชดส-น

13 พ.ค. 2563

- Project 2-C2 -

filename : TS12-MC2-05 and GBA3-MC2-04 (GBA3).xlsx


(นางสุภาวรัตน์ ไชยพันธ์)
อวส. 15 116 63

MEDIUM COST OF BID NO. TS12-MC2-05 and GBA3-MC2-04


Schedule B2 : Aluminum Conductor and Overhead Ground Wire

SUPPLY OF CABLE AND CONDUCTOR

BULK POWER SUPPLY FOR THE GREATER BANGKOK AND VICINITY AREA PHASE 3

| Item No. | Description | Qty. | Unit | Supply of Equipment | |
|------------------------------------|---|------|-------|---|-------------------|
| | | | | Local Supply | |
| | | | | Ex-works Price (excluding VAT) Baht | |
| | | | | Unit Price | Amount |
| B2-1 | Aluminum Conductor Referece : Specification No. 502 1272 MCM ACSR (1140 m per reel) | 2280 | meter | 223.00 | 508,440.00 |
| B2-2 | Overhead Ground Wire Referece : Specification No. 524 3/8 inch diameter galvanized steel overhead ground wire (high strength) (3600 m per reel) | 3600 | meter | 75.00 | 270,000.00 |
| Total Price for Schedule B2 | | | | Baht | 778,440.00 |

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 (นางสุดารัตน์ โชตวิทย์)
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Important Information
for
Invitation to Bid No. TS12-MC2-05 and GBA3-MC2-04

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 0.0898% to **0.0629%**.

Article F-8. Payment:

If the Contractor requires the payment of foreign currency portion to be paid directly to the suppliers, he has to inform EGAT **which portion of the Contract Price, as stipulated in the term of payment of the Contract**, to be paid accordingly.

In case the local Contractor requires foreign currency or currencies to be paid directly to him, payment of such foreign currency or currencies will be made to the local Contractor in Thai Baht by using the **selling exchange rate** published by the Bank of Thailand on the **payment date** (previously stated as buying exchange rate on the bid opening date).

The number of days which payment for the first portion of foreign supply will be made after delivery, previously specified as 45 days, has been **deleted**.

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

The limit of liquidated damages, previously specified that does not exceed 10%, has been **deleted**.

DATA SHEET

for

Invitation to Bid No. TS12-MC2-05 and GBA3-MC2-04

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

Provisions Regarding Foreign Supply

Equipment proposed for this invitation to bid shall be manufactured locally. Any provisions regarding foreign supply found in the bidding documents are not applicable.

Article B-3. Bid Security

Schedules A1 and B1

The amount of bid security shall be THB 7,050,000.-.

Schedule A2 and B2

The amount of bid security shall be THB 1,250,000.-.

Article B-4. Validity of Bids

The validity of the bid shall be for one hundred and twenty (120) 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 |
| - <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

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. TS12-MC2-05 and GBA3-MC2-04

SUPPLY OF CABLE AND CONDUCTOR

TRANSMISSION SYSTEM EXPANSION PROJECT NO.12

**BULK POWER SUPPLY FOR THE GREATER BANGKOK
AND VICINITY AREA PHASE 3**

Invitation

The Electricity Generating Authority of Thailand (EGAT) hereby invites sealed bids for furnishing and delivering of Cable and Conductor under Transmission System Expansion Project No.12 and Bulk Power Supply for The Greater Bangkok and Vicinity Area Phase 3 hereinafter called Equipment in accordance with the terms, conditions and Specifications described in these Bidding Documents.

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.

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.6 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. Being local manufacturer for :

115 kV and below XLPE Power Cable, 750 V Power Cable, 600 V Control Cable and Switchboard Wire, Lighting Cable, Copper Ground Wire, Aluminum Conductor and Overhead Ground Wire

- 5. Regularly manufacturing of Equipment of the type and similar ratings proposed.
- 6. ***For 115 kV and below XLPE Power Cable, Power Cable, Control Cable and Switchboard Wire, Lighting Cable, Copper Ground Wire, Overhead Ground Wire, Aluminum Conductor, Optical Fiber Cable***

Having one of the following qualifications :

- 6.1 Having supply record of Equipment of the type and similar ratings proposed with successful operation/use for at least one (1) year.

OR

6.2 Having a letter of acceptance for manufacturing and/or fabrication of the specific Equipment issued by EGAT within the scope specified therein.
(For the local manufacturer)

7. ***For 230 kV XLPE Power Cable***

Having one of the following qualifications :

7.1 Having a supply record of Equipment of the type and similar ratings proposed with successful operation/use for at least three (3) consecutive years in an overseas country (not his own country).

OR

7.2 Having a letter of acceptance for manufacturing and/or fabrication of the specific Equipment issued by EGAT within the scope specified therein (For the local manufacturer).

8. Having been granted a licence for producing standard product by Thai Industrial Standard Institute (TISI), Ministry of Industry :

60 kV through 115 kV XLPE Power Cable, Lighting Cable and Aluminum Conductor

9. Having the design test record of Equipment of the type and similar ratings proposed in order to confirm that the manufacturer has an experience of design test performance on his Equipment. The design test record shall be performed according to the test specified in EGAT's specification. In case it is specified in EGAT's specification that the proposed Equipment shall have the design test record of the same type and same rating, such design test record shall be submitted as requested by EGAT.

10. 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.
