

2017 – 2018

Project Title: TNRP-L14-OP (Replacement of Overhead Groundwire with Composite Overhead Ground Wire with Optical Fiber(OPGW) Telecommunication Network Renovation Project (TNRP) Phase 14

Contract Number: W100573-3576-TNRP-L14-OP

Client: Electricity Generating Authority of Thailand

Contract Status: Prime Contractor

Scope of Work: The work to be performed under this project is construction for replacement of existing overhead ground wire with new composite overhead ground wire with optical fiber (OPGW) in different parts of Thailand. The total length of the existing OHGW to be replaced with OPGW is 274.54 km.

Start date: October 25, 2017

Completion date: August 30, 2018

Contract Value: 34.432 million Baht
684,880 USD

2015 – 2017

Project Title: Sectionalizing of 230 kV Bankhai – Chanthaburi

Contract Number: W100340-222MSPPC-L-04

Client: Electricity Generating Authority of Thailand

Contract Status: Prime Contractor

Scope of Work: Construction and installation of 230 kV double circuit, single conductor transmission line with the following work volume:

- Line length 13.3 km.
- Tower Quantity 41 Towers

Start date: March 31, 2015

Completion date: October 31, 2017

Contract Value: 172 million Baht

2014 – 2018

Project Title: 500 kV Xayaburi HPP – Thai Lao Border at Thali

Contract Number: -

Client: Xayaburi Power Co. Ltd.

Contract Status: Subcontract from China East Resources Export and Import Co., Ltd. (CEREICO)

Scope of Work: Construction and installation of 500 kV double circuit, quad-bundle conductor transmission line with the following work volume:

- Line length 200 km.
- Tower Quantity 427 Towers

Start date: January, 2014

Completion date: April 30, 2018

Contract Value: 655 million Baht

2012 – 2015

Project Title: 500 kV Mae Moh 3 – Tha Tako (From MM3 to KM 159)

Contract Number: EGAT W100156-221M-HSA-L3-01

Client: Electricity Generating Authority of Thailand

Contract Status: In consortium with J- Power Systems Corporation

Scope of Work: Survey, subsoil investigation, construction and installation of 500 kV double circuit, quad-bundle conductor transmission line with the following work volume:

- Line length 159 km.
- Tower Quantity 370 Towers
- Total Tower weight 15,600 Tons
- Volume of Concrete 19,700 cu.m.

Start date: June 11, 2012

Completion date: October 31, 2015

Contract Value: 1.10 million Yen
7.24 million USD
1,778.61 million Baht

2012 –2015

Project Title: 500 kV Nan – Mae Moh 3

Contract Number: EGAT W100153-221M-HSA-L2

Client: Electricity Generating Authority of Thailand

Contract Status: In consortium with J- Power Systems Corporation

Scope of Work: Survey, subsoil investigation, construction and installation of 500 kV double circuit, quad-bundle

conductor transmission line with the following work volume:

- Line length 150 km.
- Tower Quantity 374 Towers
- Total Tower weight 16,800 Tons
- Volume of Concrete 21,000 cu.m.

Start date: March 8, 2012

Completion date: March 27, 2015

Contract Value: 1.10 million Yen
7.89 million USD
1,133.33 million Baht

2009 – 2012

Project Title: 500 kV Nam Phong 2 – Udhon Thani 3

Contract Number: EGAT 47-O45167-2-2-8Q(52)TS11-06-L1

Client: Electricity Generating Authority of Thailand

Contract Status: In consortium with J- Power Systems Corporation

Scope of Work: Survey, subsoil investigation, construction and installation of 500 kV double circuit, quad-bundle conductor transmission line with the following work volume:

- Line length 85 km.
- Tower Quantity 207 Towers
- Total Tower weight 8,800 Tons
- Volume of Concrete 20,000 cu.m.

Start date: August 3, 2009

Completion date: February 28, 2012

Contract Value: 29.80 million Yen
2.93 million USD
787.73 million Baht

2009 – 2011

Project Title: 230 kV Krabi – Phang Nga 2

Contract Number: EGAT 47-O39980-2-2-8Q(52)TS11-11-L1-L6

Client: Electricity Generating Authority of Thailand

Contract Status: Prime Contractor

Scope of Work: Survey, subsoil investigation, construction and installation of 230 kV double circuit, double conductor transmission line with the following work volume:

- Line length 98 km.

- Tower Quantity 438 Towers
- Total Tower weight 5085 Tons
- Volume of Concrete 15,200 cu.m.

Start date: August 3, 2009

Completion date: November 16, 2011

Contract Value: 11.29 million Yen
0.31 million Euro
1.85 million USD
433.65 million Baht

2008 – 2012

Project Title: 500 kV Pluak Daeng – Nong Chok/Wai Noi Junction 2

Contract Number: EGAT 47-O22571-2-2-6N(51)IPPE-L2

Client: Electricity Generating Authority of Thailand

Contract Status: In consortium with J- Power Systems Corporation

Scope of Work: Survey, subsoil investigation, construction and installation of 500 kV double circuit, quad-bundle conductor transmission line with the following work volume:

- Line length 163 km.
- Tower Quantity 396 Towers
- Total Tower weight 18,800 Tons
- Total Pile Length 82,054 m
- Volume of Concrete 35,700 cu.m.

Start date: March 6, 2008

Completion date: December 28, 2012

Contract Value: 5.407 million USD
1,252.42 million Baht

2008 – 2011

Project Title: 115 kV Paxan - Pakbo, Lao PDR

Contract Number: -

Client: Electricity de Laos (EDL)

Contract Status: Sub-Contractor of Consortium of Mitsubishi Corporation and J-Power Systems

Scope of Work: Survey, subsoil investigation, construction and installation of 115 kV double circuit single conductor transmission line with the following work volume:

- Line length 285 km.
- Tower Quantity 790 Towers

- Total Tower weight 5,800 Tons
- Volume of Concrete 7,000 cu.m.

Start date: October 2008
Completion date: May 2011
Contract Value: 247 million Baht

2007 – 2012

Project Title: 230 kV Bang Pakong – Bang Phli
Contract Number: EGAT 47-O15881-2-2-30(02)GBAS2-01-L1
Client: Electricity Generating Authority of Thailand
Contract Status: Prime Contractor
Scope of Work: Survey, subsoil investigation, construction and installation of 230 kV four circuit, double conductor transmission line with the following work volume:

- Line length 44 km.
- Tower Quantity 384 Towers
- Total Tower weight 3700 Tons
- Total Pile Length 111,000 m
- Volume of Concrete 9,000 cu.m.

Start date: September 5, 2007
Completion date: July 13, 2012
Contract Value: 0.76 million EURO
 2.88 million USD
 522.45 million Baht

2007 – 2010

Project Title: 230 kV Roi Et 2 – Roi Et
Contract Number: EGAT 47-O10962-2-2-30(50) NTN2-L2 (R)
Client: Electricity Generating Authority of Thailand
Contract Status: Prime Contractor
Scope of Work: Survey, subsoil investigation, construction and installation of 230 kV double circuit, quad-bundle conductor transmission line with the following work volume:

- Line length 20 km.
- Tower Quantity 51 Towers
- Total Tower weight 1300 Tons
- Total Pile Length 8,372 m
- Volume of Concrete 3,400 cu.m.

Start date: July 9, 2007
Completion date: July 26, 2010
Contract Value: 1.64 million USD
 152.72 million Baht

2006 – 2009

Project Title: 500 kV Mekong River Crossing (Mukdahan) – Roi Et2
Contract Number: EGAT 47-C92050-2-2-30(49)NTN2-L1
Client: Electricity Generating Authority of Thailand
Contract Status: In consortium with J- Power Systems Corporation
Scope of Work: Survey, subsoil investigation, construction and installation of 500 kV quad-bundle conductor transmission line with the following work volume:

- Line length 160 km.
- Tower Quantity 403 Towers
- Total Tower weight 17,550 Tons
- Volume of Concrete 30,700 cu.m.

Start date: April 4, 2006
Completion date: March 11, 2009
Contract Value: 47.60 million Yen
 3.93 million USD
 1,180.00 million Baht

2005 – 2009

Project Title: 500 kV Nam Theun 2 - Mekong River Crossing, Lao PDR
Contract Number: NT2
Client: Electricity de France (EDF)
Contract Status: Sub-Contractor of Consortium of Mitsubishi Corporation and J-Power Systems
Scope of Work: Survey, subsoil investigation, construction and installation of 500 kV quad-bundle conductor transmission line with the following work volume:

- Line length 140 km.
- Tower Quantity 294 Towers
- Total Tower weight 9,950 Tons
- Volume of Concrete 21,000 cu.m.

Start date: May 16, 2005
Completion date: February 2009

Contract Value: 534 million Baht

2005-2006

Project Title: 115 kV Ang Thong 1- Ayuthaya 1-Ayutthaya 2
Contract Number: EGAT 47-C78366-3-2-7N(48)TS10-14-L1
Client: EGAT Public Company Limited
Contract Status: Prime Contractor
Scope of Work: Survey, Sub-soil Investigation; Foundation; Tower Erection; Stringing of Conductor. This transmission line is 115 kV 3phases, 50 Hz, Single conductor per phase, double circuit.

- Line length 6 km.
- Tower Quantity 26 Towers
- Total Tower weight 130 Tons
- Volume of Concrete 310 cu.m.

Start date: July 25, 2005
Completion date: September 25, 2006
Contract Value: 53,255.00 USD
 20,846,037.00 Baht

2005-2006

Project Title: 230 kV Kaeng Khoi – Saraburi 2
Contract Number: EGAT 47-C76987-2-2-6N(48) IPP-GULF-L1
Client: EGAT Public Company Limited
Contract Status: Prime Contractor
Scope of Work: Survey, Sub-soil Investigation; Foundation; Tower Erection; Stringing of Conductor and OPGW. This transmission line is 230 kV 3phases, 50 Hz, Twin conductor per phase, double circuit.

- Line length 5.3 km.
- Tower Quantity 16 Towers
- Total Tower weight 400 Tons
- Volume of Concrete 1,100 cu.m.

Start date: June 29, 2005
Completion date: January 29, 2007
Contract Value: 148,038.14 USD
 50,263,015.00 Baht

2004-2006

Project Title: TNRP-L5C-OP (Replacement of Overhead Groundwire with Composite Overhead Ground Wire

with Optical Fiber(OPGW) Telecommunication Network Renovation)

Contract Number: TH-05-01

Client: Taihan Electric Wire

Contract Status: Subcontractor

Scope of Work: The work to be performed under this project is construction for replacement of one existing overhead ground wire with new composite overhead ground wire with optical fiber (OPGW) in the central region of Thailand. The total length of the existing OHGW to be replaced with OPGW is 277.30 km.

Start date: December, 2005

Completion date: March, 2006

Contract Value: 7,725,363 Baht

2004-2005

Project Title: Roi Et2 – Surin2 230 kV and Sectionalizing of Khon Kaen3 – Roi Et 230 kV

Contract Number: EGAT 47-C55890-3-2-7N(47)TS10-07-L1

Client: Electricity Generating Authority of Thailand

Contract Status: Prime Contractor

Scope of Work: Survey, Sub-soil Investigation; Foundation; Tower Erection; Stringing of Conductor and OPGW. This transmission line is 230 kV 3phases, 50 Hz, Single conductor per phase, double circuit.

- Line length 144.34 km.
- Tower Quantity 358 Towers
- Total Tower weight 3,571 Tons
- Volume of Concrete 6,535 cu.m.

Start date: February, 2004

Completion date: October, 2005

Contract Value: 911,656 USD (Equipment)
121,791,745 Baht (Equipment)
41,515,898 Baht (Construction)

2005

Project Title: Saraburi2 – Thalan3 230 kV (Foundation)

Contract Number: JOB NO. 27A

Client: Electricity Generating Authority of Thailand

Contract Status: Prime Contractor
Scope of Work: Foundation Work, Steel Structure, Concrete Structure and Concrete Anchor
Start date: January, 2005
Completion date: February, 2005
Contract Value: 4,380,000 Baht

2005

Project Title: Saraburi2 – Thalan3 230 kV (Stringing)
Contract Number: JOB NO. 27A
Client: Electricity Generating Authority of Thailand
Contract Status: Prime Contractor
Scope of Work: Stringing Work and Dismantling
Start date: March, 2005
Completion date: March, 2005
Contract Value: 1,200,000 Baht

2004 – 2005

Project Title: Chiang Mai 2 – Mae Taeng 115 kV Transmission Line kV(Erection & Stringing)
Contract Number: TS921-L1
Client: Electricity Generating Authority of Thailand
Contract Status: Prime Contractor
Scope of Work: Erection Work, Stringing Work and Dismantling

- Tower Erection 138 Towers
- Stringing 42.55 km.
- Dismantling LS.
- Foundation 13 Towers
- Stringing LS.

Start date: February, 2004
Completion date: January, 2005
Contract Value: 19,172,773.49 Baht

2004-2005

Project Title: 500 kV Bang Sapan – Chom Bung Transmission Line – IPPW-L1
Contract Number: IPPW-L1-016

Client: Fujikura Limited
Contract Status: Subcontractor
Scope of Work: Installation of 4-bundle, 1272 MCM ACSR/GA conductor, Overhead ground wire and OPGW for 500 kV Band Saphan – Chom Bung Transmission Line. Total length is approximately 92 km.
Start date: June, 2004
Completion date: March, 2005
Contract Value: 16,560,000 Baht

2004-2005

Project Title: TNRP-L4B-OP (Replacement of Overhead Groundwire with Composite Overhead Ground Wire with Optical Fiber(OPGW) Telecommunication Network Renovation)
Contract Number: TH-04-01
Client: Taihan Electric Wire
Contract Status: Subcontractor
Scope of Work: The work to be performed under this project is construction for replacement of one existing overhead ground wire with new composite overhead ground wire with optical fiber (OPGW) in the central region of Thailand. The total length of the existing OHGW to be replaced with OPGW is 387.86 km.
Start date: December, 2004
Completion date: March, 2005
Contract Value: 11,000,000 Baht

2004

Project Title: TNRP-L4A-OP (Replacement of Overhead Groundwire with Composite Overhead Ground Wire with Optical Fiber(OPGW) Telecommunication Network Renovation)
Contract Number: EGAT 47-C58858-7-2-76(47)TNRP-L4A-OP
Client: LG Cable Ltd.
Contract Status: Subcontractor
Scope of Work: The work to be performed under this project is construction for replacement of one existing overhead ground wire with new composite overhead ground wire with optical fiber (OPGW) in the northern region of

Thailand. The total length of the existing OHGW to be replaced with OPGW is 562 km.

Start date: December, 2004
Completion date: February, 2005
Contract Value: 16,460,000 Baht

2003 – 2004

Project Title: Chiang Mai 2 – Mae Taeng 115 kV(Foundation)
 Transmission Line (Foundation)
Contract Number: 46C43567
Client: Electricity Generating Authority of Thailand
Contract Status: Prime Contractor
Scope of Work: Foundation Work and Grounding Work

- Claring R.O.W. 42.9 km.
- Furnishing Pile 1,148 m.
- Driving Pile 1,049.6 m.
- Boundary Post 276 post
- Foundation 138 Towers

Start date: August, 2003
Completion date: May, 2004
Contract Value: 8,147,726.15 Baht

2003

Project Title: TNRP-L3-OP (Replacement of Overhead Groundwire with Composite Overhead Ground Wire with Optical Fiber(OPGW) Telecommunication Network Renovation)
Contract Number: EGAT 47-C41939-8-2-30(46)TNRP-L3-OP
Client: LG Cable Ltd.
Contract Status: Subcontractor
Scope of Work: The work to be performed under this project is construction for replacement of one existing overhead ground wire with new composite overhead ground wire with optical fiber (OPGW) in the northeastern region and the southern region of Thailand. The total length of the existing OHGW to be replaced with OPGW is 449.14 km.

Start date: January, 2003
Completion date: March, 2003

Contract Value: 13,200,000 Baht

2003 – 2004

Project Title: Ban Preng Junction - Nong Chok 230 kV Transmission Line

Contract Number: EGAT- L0202-L1

Client: Electricity Generating Authority of Thailand

Contract Status: Prime Contractor

Scope of Work: Survey, subsoil investigation, construction and installation of 230 kV twin-bundled conductor four circuit transmission line with the following work volume:

- Line length 18.5 km.
- Tower Quantity 46 Towers
- Total Tower weight 1,600 Tons
- Volume of Concrete 2,100 cu.m.
- Length of Pile 26,504 m.

Contract Value: 338,420 US\$
115.14 million Baht

2002 – 2005

Project Title: The Project of Leased Equipment for Service beyond Outside Plant with Maintenance

Contract Number: WLL

Client: Sumitomo Election Ind., Ltd.

Contract Status: Subcontract

Scope of Work: Line of Sign Survey and Wireless Telephone Installation.

Start date: December, 2002

Completion date: June, 2005

Contract Value: 130,084,324 Baht

2001 – 2003

Project Title: Synchronous Digital Hierarchy System Nationwide (SDH)

Optical Fiber Package under Transmission Network Expansion Project (TNEP)

Contract Number: -

Client: Sumitomo Electric Communications Engineering (Thailand) Limited.

Contract Status: Subcontract

Scope of Work: Work activities for 6 routes in the Central Region of Thailand

- Aerial Cable Placement
- Conduit/HDPE Duct Cable Placement
- Civil Work
- In-Line Optical Fible Fusion Splicing and Termination
- Single Mode Optical Fiber Cable Testing

Start date: March, 2001

Completion date: December, 2003

Contract Value: 51 million Baht

2001 – 2002

Project Title: Pluak Daeng - Ban Khai 230 kV Transmission Line

Contract Number: EGAT-IPP-L3

Client: Electricity Generating Authority of Thailand

Contract Status: Prime Contractor

Scope of Work: Survey, subsoil investigation, construction and installation of 230 kV four-bundled conductor double circuit transmission line with the following work volume:

- Line length 36.5 km.
- Tower Quantity 98 Towers
- Total Tower weight 2,500 Tons
- Volume of Concrete 7,000 cu.m.
- Length of Pile 1,800 m.

Contract Value: 527,316 US\$
15.6 million Yen
146.2 million Baht

1999 – 2002

Project Title: Bang Bo – Khlong Mai 230 kV Transmission Line

Contract Number: IPP-EPEC-L1

Client: Eastern Power and Electric Co., Ltd.

Contract Status: Subcontractor of Sumitomo Electric Industries., Ltd.

Scope of Work: Survey, subsoil investigation, construction and installation of 230 kV single conductor double circuit transmission line with the following work volume:

- Line length 23 km.
- Tower Quantity 71 Towers
- Total Tower weight 770 Tons
- Volume of Concrete 1,340 cu.m.
- Length of Pile 25,000 m.

Contract Value: 2.5 million US\$
77 million Baht

2000

Project Title: Painting of 500 kV Transmission Line Tower
Contract Number: EGAT 46/3-30-1453-06
Client: Electricity Generating Authority of Thailand
Contract Status: Prime Contractor
Scope of Work: Painting of 4 towers.
Contract Value: 3.15 million Baht

1999 – 2001

Project Title: Telephone Network Rehabilitation Project (B.E. 2538-2540)
Contract Number: JOR. 3/HOR(1)2542
Client: Telephone Organization of Thailand
Contract Status: Joint venture with Sumitomo Electric Ind., Ltd. and Phelph Dodge Trading Ltd.
Scope of Work: Rehabilitation of existing outside plant telephone network in Bangkok Metropolitan area for 7 exchanges.
Contract Value: 130 million Baht

1998-1999

Project Title: Lowering Existing 230 kV Srinakarin – Ban Pong 2 and Srinakarin – Rangsit Transmission for 500 kV Chom Bung – Sai Noi Crossing
Contract Number: EGAT 46/1-30-7402-06
Client: Electricity Generating Authority of Thailand
Contract Status: Prime Contractor
Scope of Work: Dismantling of existing conductor and towers, and construction of foundation, tower erection and re-installation of conductor for 4 new towers.

Contract Value: 1.95 million Baht

1997 – 2001

Project Title: Chom Bung - Sai Noi - Wang Noi 500 kV
Transmission Line

Contract Number: EGAT 47/0-30-5809-RB-EHVL3

Client: Electricity Generating Authority of Thailand

Contract Status: In consortium with Sumitomo Electric Industries., Ltd.

Scope of Work: Survey, subsoil investigation, construction and
installation of 500 kV quad-bundle conductor
transmission line with the following work volume:

- Line length 198 km.
- Tower Quantity 541 Towers
- Total Tower weight 19,750 Tons
- Volume of Concrete 21,625 cu.m.
- Length of Pile 183,840 m.

Contract Value: 1,156 million Yen
959 million Baht

1997 – 2000

Project Title: Hire of Work for Telephone Expansion Project to
Overcome Short - Term Line Shortage/B.E. 1996-1998

Contract Number: JO39/HO(1) 2540

Client: The Joint Venture of J&N

Contract Status: Subcontractor

Scope of Work: Survey, design, procurement and supply of equipment,
construction of the outside plant in the designated
exchange areas of the Telephone Organization of
Thailand

Contract Value: 185 million Baht

1996 – 2000

Project Title: Ratchaburi Power Plant-Chom Bung-Sai Noi 500 kV
Transmission Line

Contract Number: EGAT 47/9-30-5816-RB-EHVL2

Client: Electricity Generating Authority of Thailand

Contract Status: In consortium with Sumitomo Electric Industries., Ltd.

- Scope of Work:* Survey, subsoil investigation, construction and installation of 500 kV quad-bundle conductor transmission line with the following work volume:
- Line length 127 km.
 - Tower Quantity 332 Towers
 - Total Tower weight 12,900 Tons
 - Volume of Concrete 14,700 cu.m.
 - Length of Pile 40,730 m.
- Contract Value:* 918 million Yen
675 million Baht

1996 - 1999

- Project Title:* Thung Song - Khlong Ngae, 230 kV Transmission Line
- Contract Number:* EGAT 47/9-30-5807-HVDC-L3
- Client:* Electricity Generating Authority of Thailand
- Contract Status:* Prime Contractor
- Scope of Work:* Survey, subsoil investigation, foundation design, Construction and installation of 230 kV double circuit transmission line with the following work volume:
- Line length 210 km.
 - Tower Quantity 527 Towers
 - Total Tower weight 8,750 Tons
 - Volume of Concrete 13,500 cu.m.
 - Length of Pile 24,360 m.
- Contract Value:* 447.1 million Yen
365.5 million Baht

1996-1997

- Project Title:* Mekong River Bank (Nakhon - Phanom) - Sakon Nakhon2 230 kV Transmission Line Under Theun-Hinboun Hydroelectric Project
- Contract Number:* EGAT 47/9-30-5814-THHL1
- Client:* Electricity Generating Authority of Thailand
- Contract Status:* Prime Contractor
- Scope of Work:* Survey, subsoil investigation, foundation design, construction and installation of 230 kV double circuit transmission line with the following work volume:
- Line length 72 km.
 - Tower Quantity 177 Towers
 - Total Tower weight 1,850 Tons

- Volume of Concrete 2,650 cu.m.
 - Length of Pile 13,550 m.
- Contract Value:* 57.2 million Yen
89.0 million Baht

1996 - 1997

- Project Title:* Takhli1-Takhli2, 115 kV High Voltage Transmission Line
- Contract Number:* EGAT 47/9-30-5813-EGAT L3901
- Client:* Electricity Generating Authority of Thailand
- Contract Status:* Prime Contractor
- Scope of Work:* Survey, subsoil investigation, construction and installation of 115 kV double circuit transmission line with the following work volume:
- Line length 10.0 km.
 - Tower Quantity 33 Towers
 - Total Tower weight 165 Tons
 - Volume of Concrete 250 cu.m.
- Contract Value:* 3.7 million Yen
9.9 million Baht

1995-1997

- Project Title:* Tha Tako-Bung Sam Phan and Tha Tako-Bang Mun Nak 115 kV High Voltage Transmission Line
- Contract Number:* EGAT 47/8-30-5012-EGAT TL-824/825
- Client:* Electricity Generating Authority of Thailand
- Contract Status:* Prime Contractor
- Scope of Work:* Survey, subsoil investigation, foundation design, construction and installation of 115 kV double circuit transmission line with the following work volume:
- Line length 115 km.
 - Tower Quantity 387 Towers
 - Total Tower weight 1,450 Tons
 - Volume of Concrete 2,280 cu.m.
 - Length of Pile 7,450 m.
- Contract Value:* 29.0 million Yen
64.7 million Baht

1995 - 1996

Project Title: Mukdahan 1 - Mukdahan 2
115 kV Transmission Line

Contract Number: EGAT 47/8-30-5807-EGAT-EDL-L1

Client: Electricity Generating Authority of Thailand

Contract Status: Prime Contractor

Scope of Work: Survey, subsoil investigation, construction and installation of 115 kV transmission line with the following work volume:

- Line length 11.6 km.
- Tower Quantity 38 Towers
- Total Tower weight 150 Tons
- Volume of Concrete 200 cu.m.

Contract Value: 5.0 million Yen
9.5 million Baht

1993 - 1997

Project Title: Detail Design and Construction for the Outside Plant Provincial one Million Line Project

Contract Number: OP-3

Client: Thai Telephone & Telecommunication Co., Ltd.

Contract Status: Prime Contractor

Scope of Work: Survey, design, procurement and supply of equipment, construction of the outside plant in the designated exchange areas of the Telephone Organization of Thailand

Contract Value: 939.7 million Baht

1993-1994

Project Title: TT&T Transmission Project

Contract Number: -

Client: Thai Telephone & Telecommunication (Public)Co., Ltd.

Contract Status: Subcontractor of Alcatel Cable (Thailand) Ltd.

Scope of Work: Installation of underground and aerial optical fibre cables (8 and 12 cores), 60.3 kilometers, in the southern provinces of Thailand

Contract Value: 3.23 million Baht

Contract Value: 20.8 million Baht

1991 - 1993

Project Title: Mae Moh - Tha Tako 500-kV High Voltage Transmission Line No. 3

Contract Number: EGAT 47/3-30-5007-MM-EHVL3

Client: Electricity Generating Authority of Thailand

Contract Status: In consortium with Sumitomo Electric Ind., Ltd.

Scope of Work: Survey, subsoil investigation, construction and installation of 500-kV quad-bundle conductor transmission line with the following work volume:

- Line Length 328 km
- Tower Quantity 774 towers
- Total Tower Weight 26,000 tons
- Volume of Concrete 23,000 cu.m.

Contract Value: 2,598 million Yen
737.3 million Baht

1990 - 1993

Project Title: Bang Pakong - Onnut 230-kV High Voltage Transmission Line

Contract Number: EGAT 47/4-30-5003 BPKTPL2

Client: Electricity Generating Authority of Thailand

Contract Status: Prime Contractor

Scope of Work: Survey, subsoil investigation, construction and installation of 230-kV transmission line with the following work volume:

- Line Length 58 km
- Tower Quantity 281 towers
- Total Tower Weight 3,400 tons
- Volume of Concrete 8,650 cu.m.
- Length of Piles 56,500 m.

Contract Value: 236.4 million Yen
356.8 million Baht

1990 - 1991

Project Title: Nam Pong 2 – Khon Kaen 230-kV High Voltage Transmission Line

Contract Number: EGAT 47/3-30-5030 NPCCL2

Client: Electricity Generating Authority of Thailand

Contract Status: Prime Contractor

Scope of Work: Survey, subsoil investigation, construction and installation of 230-kV transmission line with the following work volume:

- Line Length 34 km
- Tower Quantity 73 towers
- Total Tower Weight 1,035 tons
- Volume of Concrete 2,100 cu.m.
- Length of Piles 1,600 m.

Contract Value: 59.8 million Yen
67.8 million Baht

1990-1991

Project Title: Nakhon Ratchasima 2 –Buri Ram 115 kV High Voltage Transmission Line

Contract Number: EGAT 47/3-30-5041- ATPL5

Client: Electricity Generating Authority of Thailand

Contract Status: Prime Contractor

Scope of Work: Survey, subsoil investigation, foundation design, construction and installation of 115 kV double circuit transmission line with the following work volume:

- Line length 134 km.
- Tower Quantity 389 Towers
- Total Tower weight 1,375 Tons
- Volume of Concrete 1,450 cu.m.
- Length of Pile 1,710 m.

Contract Value: 82.3 million Yen
113.7 million Baht

1989 - 1990

Project Title: Bang Pakong – Bang Phli 230-kV High Voltage Transmission Line

Contract Number: EGAT 47/2-30-5029 BPKCCL

Client: Electricity Generating Authority of Thailand

Contract Status: Prime Contractor

Scope of Work: Survey, subsoil investigation, construction and installation of 230-kV twin conductor transmission line with the following work volume:

- Line Length 44 km

- Tower Quantity 122 towers
- Total Tower Weight 1,150 tons
- Volume of Concrete 1,350 cu.m.
- Length of Piles 31,830 m.

Contract Value: 44.4 million Yen
250 million Baht

1988 - 1991

Project Title: Tha Tako - Nong Chok 500-kV Extra High Voltage Transmission Line

Contract Number: EGAT 47/1-30-5005-MM-EHVL2

Client: Electricity Generating Authority of Thailand

Contract Status: Subcontractor of Sumitomo Electric Ind., Ltd.

Scope of Work: Check survey, subsoil investigation, construction and installation of 500-kV quad-bundle conductor transmission line with the following work volume:

- Line Length 208 km
- Tower Quantity 448 towers
- Total Tower Weight 8,783 tons
- Volume of Concrete 12,360 cu.m.
- Length of Piles 52,200 m.

Contract Value: 258.3 million Yen 0.27 million UK£ 139.6 million Baht 5.7 million US\$

1988 - 1990

Project Title: Sara Buri 2 – Nakhon Rachasima2 230-kV High Voltage Transmission Line

Contract Number: EGAT 47/1-30-5032 TL757

Client: Electricity Generating Authority of Thailand

Contract Status: Prime Contractor

Scope of Work: Survey, subsoil investigation, construction and installation of 230-kV transmission line with the following work volume:

- Line Length 112.4 km
- Tower Quantity 283 towers
- Total Tower Weight 2,700 tons
- Volume of Concrete 4,250 cu.m.
- Length of Piles 2,100 m.

Contract Value: 183 million Baht equivalent

1987 - 1992

Project Title: Local Cable Network ESDP 1984 - 1991
Contract Number: LCN 5
Client: Telephone Organization of Thailand
Contract Status: Joint venture with Sumitomo Electric Ind., Ltd. and Phelph Dodge Trading Ltd.
Scope of Work: Civil work and cable installation in nine provinces in northern part of Thailand
Contract Value: 3,344 million Yen
1,971 million Baht

1987 - 1988

Project Title: Ao Phai - Ao Udom 115-kV High Voltage Transmission Line
Contract Number: EGAT 47/0-30-0008-L2610
Client: Electricity Generating Authority of Thailand
Contract Status: Prime Contractor
Scope of Work: Check survey, subsoil investigation, foundation design, tower erection and installation of 115-kV double circuit transmission line with two aluminum clad steel overhead ground wires with optical fibers (OPGW) with the following work volume:

- Line Length 4.7 km
- Tower Quantity 21 towers
- Total Tower Weight 141 tons
- Volume of Concrete 204 cu.m.

1986 - 1987

Project Title: Intermediate Cable Installation for Subscriber Lines
Contract Number: JOR 72 / (OR) 1986
Client: Telephone Organization of Thailand
Contract Status: Subcontractor of Furukawa Electric and Sumitomo Electric Joint Venture
Scope of Work: Cable installation of four telephone exchanges in Bangkok Metropolitan area at Daokanong, Phasichareon, Pathumthani and Bangkhen
Contract Value: 16 million Baht

1986 - 1987

Project Title: Intermediate Cable Installation for Subscriber Lines
Contract Number: JOR 72 / (OR) 1986
Client: Telephone Organization of Thailand
Contract Status: Subcontractor of Hitachi Cable and Thai Kyowa Engineering Joint Venture
Scope of Work: Cable installation of 2 Telephone exchanges in Bangkok Metropolitan area at Thonburi and Ladya
Contract Value: 14 million Baht

1985 - 1987

Project Title: Installation of Distributed Lines and Telephone Sets in Metropolitan Telephone Area No. 3
Contract Number: JOR 95 / (OR) 2528
Client: Telephone Organization of Thailand
Contract Status: Subcontractor of Thai Telecommunication Engineering Co., Ltd.
Scope of Work: Construction of distributed lines and installation of 22,400 telephone sets
Contract Value: 26.4 million Baht

1984 - 1986

Project Title: Mae Moh - Tha Tako 500-kV Extra High Voltage Transmission Line
Contract Number: EGAT 47/7-30-0016-MM-EHVL1
Client: Electricity Generating Authority of Thailand
Contract Status: Subcontractor of Sumitomo Electric Ind, Ltd.
Scope of Work: Check survey, subsoil investigation, construction and installation of 500-kV quad-bundle conductor transmission line with the following work volume:

- Line Length 326 km
- Tower Quantity 665 towers
- Total Tower Weight 10,858 tons
- Volume of Concrete 13,900 cu.m.
- Length of Piles 2,450 m.

Contract Value: 1,000 million Baht equivalent

1984 - 1986

Project Title: S-4 Local Cable Network
Contract Number: TOT S-4 of E.D.P. 1977-1984 (4th Project)
Client: Telephone Organization of Thailand
Contract Status: Subcontractor of Hitachi Cable and Thai Kyowa Engineering and Construction Joint Venture
Scope of Work: Installation of local cable network for 17 telephone exchanges in Bangkok Metropolitan area at Ladya, Thonburi and Budthamonthon
Contract Value: 51.4 million Baht

1984 - 1985

Project Title: Local Cable Network for 24 Telephone Exchanges
Contract Number: JOR 76 (OR) 2527
Client: Telephone Organization of Thailand
Contract Status: Subcontractor of Nippon Telecommunications Construction and Thai Telecommunication Engineering Joint Venture
Scope of Work: Installation of local cable network for 6 telephone exchanges in Bangkok Metropolitan area at Phrapadaeng, Nong Khaem, Muban-setthakit, Bangbua Thong, Pomphrachum and Pakkret
Contract Value: 15 million Baht

1983 - 1986

Project Title: TOT S-3 Local Cable Network
Contract Number: TOT S-3
Client: Telephone Organization of Thailand
Contract Status: Subcontractor of Furukawa Electric and Sumitomo Electric Joint Venture
Scope of Work: Installation of local cable network for 12 telephone exchanges in Bangkok Metropolitan area at Bangkhae, Charansanitwong, Phatumthani and Nonthaburi
Contract Value: 24.5 million Baht

1983 - 1984

Project Title: Bangpakong - Minburi 230-kV High Voltage Transmission Line

Contract Number: EGAT 47/6-30-0007-BPKL2
Client: Electricity Generating Authority of Thailand
Contract Status: Prime contractor
Scope of Work: Check survey, subsoil investigation, foundation design, construction and installation of 230-kV double circuit twin-bundle conductor transmission line

- Line Length 42 km
- Tower Quantity 108 towers
- Total Tower Weight 2,257 tons
- Volume of Concrete 1,608 cu.m.
- Length of Piles 22,632 m.

Contract Value: 82.7 million Yen
69.6 million Baht

1983

Project Title: Television Antenna Channel 12
Contract Number: -
Client: Public Relations Department
Contract Status: Subcontractor of Marubeni Corporation
Scope of Work: Construction and installation of a 50-m self-supporting lattice steel tower and telecommunication equipment for television channel 12 on Khao Buyo, Yala province
Contract Value: 1.5 million Baht

1982 - 1985

Project Title: Main Junction Network Schedule JO-3
Contract Number: TOT JO-3 Schedule A
Client: Telephone Organization of Thailand
Contract Status: Subcontractor of Furukawa Electric Co., Ltd.
Scope of Work: Cable installation in Area No. 2 as a part of Metropolitan Telephone Plant Project 1977 – 1984
Contract Value: 4.0 million Baht

1982 - 1984

Project Title: Rachaburi 2 and Prachuap Khiri Khan Turnkey Substation
Contract Number: EGAT 47/5-30-0010-8101T
Client: Electricity Generating Authority of Thailand

Contract Status: Subcontractor of Sumitomo Corporation

Scope of Work: Architectural, civil and structural design, construction and installation of all equipment for two 230/115-kV substations at Rachaburi and Prachuab Khiri Khan

1981 - 1983

Project Title: Ban Pong 2 - Prachuab Khiri Khan 230-kV High Voltage Transmission Line

Contract Number: EGAT 47/4-30-0006-L2313/2314

Client: Electricity Generating Authority of Thailand

Scope of Work: Check survey, subsoil investigation, foundation design, construction and installation of 230/115-kV, double circuit transmission line with the following work volume:

- 230-kV Line Length 237 km
- 115-kV Line Length 5 km
- Tower Quantity 605 towers
- Total Tower Weight 5,220 tons
- Volume of Concrete 4,410 cu.m.
- Length of Piles 1,002 m.

Contract Value: 532.2 million Yen
152.0 million Baht

1980 - 1981

Project Title: Kalasin - Yasothon 115-kV High Voltage Transmission Line

Contract Number: EGAT 47/3-30-0008-TL-402-SU

Client: Electricity Generating Authority of Thailand

Contract Status: Prime contractor

Scope of Work: Check survey, subsoil investigation, foundation design, construction and installation of 115-kV double circuit transmission line with the following work volume:

- Line Length 109 km
- Tower Quantity 318 towers
- Total Tower Weight 950 tons
- Volume of Concrete 1,890 cu.m.
- Length of Piles 3,364 m.

1979 - 1981

Project Title: Ubonratchathani - Sisaket 115-kV High Voltage Transmission Line

- Contract Number:* 47/2-30-0017-TL 351/352
- Client:* Electricity Generating Authority of Thailand
- Contract Status:* Prime contractor
- Scope of Work:* Check survey, subsoil investigation, foundation design, construction and installation of 115-kV double circuit transmission line with the following work volume
- Line Length 89 km
 - Tower Quantity 274 towers
 - Total Tower Weight 614 tons
 - Volume of Concrete 1,630 cu.m.
 - Length of Piles 5,621 m.

1979 - 1981

- Project Title:* Phayao - Chiengrai 115-kV High Voltage Transmission Line
- Contract Number:* 47/2-30-0017-TL 351/352
- Client:* Electricity Generating Authority of Thailand
- Contract Status:* Subcontractor of Engineering Development Co., Ltd.
- Scope of Work:* Check survey, subsoil investigation, foundation design, construction and installation of 115-kV single circuit transmission line with the following work volume:
- Line Length 83 km
 - Tower Quantity 241 towers
 - Total Tower Weight 525 tons
 - Volume of Concrete 1,385 cu.m.

1979 - 1981

- Project Title:* 75-MW Power Plant Barge Turnkey Project
- Contract Number:* EGAT-PPB-TI
- Client:* Electricity Generating Authority of Thailand
- Contract Status:* Execution under the name of Engineering Development Co., Ltd.
- Scope of Work:* Architectural, civil and structural design, construction and installation of all equipment for three 115-kV substations at Khanom, Nakhon Si Thammarat and Phatthalung