

Company Profile

2020



Who are we?



FORTEK Inc. is specialized in providing services for the Design and Engineering, Procurement, Project Execution and Management Service of H.V. electrical works.

In addition, we are providing the preparation of overseas bidding activities, the national and international outsourcing and the import/export of electrical materials.

We are offering to the clients our best quality services based on our accumulated experiences and leading edge technology ranging from the preparation work to the contract awards, which include the price estimation and the preparation of technical documentation for the bidding activities.

After awarding, we are doing the engineering and design, procurement service, implementation and/or project management services, commissioning during the executing the contract.

It is our goal to help our clients who wish to purchase electrical quality product/materials with a comprehensive package of electrical materials outsourcing, technical specification, price negotiation, and delivery services in order to enhance the work performances of our clients.

We are committed ourselves to serve our clients with updated technology and information.

CONTENTS



1. Organization
2. Business Activities
3. Procurement in Service
4. Scope of Works
5. Experiences
6. Photos
7. ISO 9001
8. End User's Certificate



1. ORGANIZATION



• General

- Establishment : April 18, 2001
- Tel. : 82) 2 - 2029 - 4800 ~ 3
- Fax. : 82) 2 - 6008 - 7499
- Address : #904, Daerung Techno 13-cha,
24 Gasandigital 1-ro, Geumcheon-gu, Seoul, Korea
- Website : www.fortek.co.kr
- E-mail : info@fortek.co.kr

• Organization Chart

PRESIDENT

ENGINEERING

Basic Engineering
Calculation
Design

PROJECT

Management
Consultation
Installation, Supervision

TRADING &
ADMINISTRATION

Import & Export
Accounts
General

2. BUSINESS ACTIVITY



- Engineering

- Design
- Calculation
- Technical Evaluation
- Technical Clarification

- Project Management

- PROJECT**

- Project Management
 - Procurement Service
 - Scheduling
 - Installation, Supervision

- PROJECT CONSULTATION**

- Feasibility Study
 - Estimation
 - Scheduling

2. BUSINESS ACTIVITY



- Documentation for Bidding
 - Electrical Project
- Outsourcing of Equipment & Materials
 - For Substation
 - For Transmission Line
 - For Distribution System
- Survey of Supplier
- Trading (Supply of Equipment & Materials)

3. PROCUREMENT IN SERVICE



- Outdoor Switchgear
- Relay & Control Panel
- Power and Distribution Transformer
- Battery & Charger
- Steel Structure, Steel Tower
- Insulator & Fittings
- Grounding Materials
- Conductor, Power & Control Cable, Cable Tray
- Miscellaneous



4. SCOPE OF WORKS



- Bidding



FORTEK

- Inquiry
- Offer
- Technical & Other Document
- Clarification
- Design & Engineering
- Technical & Bid Evaluation

4. SCOPE OF WORKS



- Execution & Completion



FORTEK

- Overall Design, Engineering and Calculation
- Review & Checking for Technical Specification
- Preparation for Technical Specification for Approval
- Clarification
- Procurement Service
- As Built

5. EXPERIENCES



- Engineering, Procurement, Construction & Project Management

NO.	PROJECT / COUNTRY	SCOPE OF WORKS	CLIENT / END USER	PERIOD
1	132kV Electric Power Network Exp. Project / Nicaragua	Project Management (Design, Procurement)	SAMSUNG Corp. / ENTRESA, Nicaragua	2002 ~ 2003
2	132kV Double Circuit OHL SEC Tender No. 504/22/3 / Saudi Arabia	Procurement Service	LG Int'l / SCECO, Saudi Arabia	2002 ~ 2003
3	132kV Double Circuit OHL SEC Tender No. 523/22/3 / Saudi Arabia	Procurement Service	LG Int'l / SCECO, Saudi Arabia	2002 ~ 2003
4	132kV TANESCO Electricity IV Phase-II Project / Tanzania	Project Management (Design, Procurement)	Daewoo Int'l / TANESCO, Tanzania	2004
5	33kV & 11kV Rural Electrification Project / Bangladesh	Design, Documentation for Bid & Procurement Service	Daewoo Int'l. / REB, Bangladesh	2004 ~ 2007
6	Bosch Factory Construction. 22.9kV / Korea	Installation of 24.9kV SWGR Panel	Daewoo Eng'g / Bosch Korea	2004
7	230kV Ashuganj-Serajganj T/L / Bangladesh	Project Management & Procurement Service	Consortium of LG Int'l and Sejong Corp. / PGCB, Bangladesh	2005 ~ 2007
8	Intensification and Expansion of Distribution System 2nd Phase(EDCF-01) / Bangladesh	Procurement Service	Daewoo Int'l / REB, Bangladesh	2006
9	GEPCO 132kV Substation for Rural Distribution Construction Project / Pakistan	Technical Consultant. Preparation for RFP	EDCF, EXIM, Korea	2007
10	Procurement of Distribution Line Materials for EDC'S Rural Grid Extension (Pkg-1, Bid No.WB-EDC-04-1) / Cambodia	Procurement Services	KyungAn Cable Co. / EDC, Cambodia	2007 ~ 2008
11	Construction of Aminbazar-Meghnaghat 400kV T/L / Bangladesh	Supporting for Tendering & Negotiation Meeting	KEPCO / PGCB, Bangladesh	2007 ~ 2008
12	Khartoum North Power Station. I&C Rehabilitation Project (no. 23-0288) / Sudan	Electrical Design	DIMCO/ NEC, Sudan	2008 ~ 2010

5. EXPERIENCES



- Engineering, Procurement, Construction & Project Management

NO.	PROJECT / COUNTRY	SCOPE OF WORKS	CLIENT / END USER	PERIOD
13	Development of Sylhet-Shahjibazar-Brahmanbaria 400kV Transmission Line Project / Bangladesh	Technical Consultant.	EDCF, EXIM, Korea	2008
14	CHAMELIYA Hydroelectric Project Lot-1,2 &3 under EDCF Loan Agreement / Nepal	Engineering , Procurement & Project Consulting Service for Electrical Works	HwaChon Plant Construction Co., Ltd. / NEA, Nepal	2009 ~ 2017
15	E-Power 30MW Diesel Power Plant (HEP Project) 72.5kV Substation and Transmission Line Works / HAITI	Design, RFQ for Electrical Works	DECCO Ltd. & HHI, Korea / EdH, Haiti	2009
16	Haiti 24kV Distribution Line Works. 57km / Haiti	Design, RFQ for Electrical Works	DECCO Ltd. / EdH, Haiti	2009 ~ 2010
17	Megnaghat –Amin Bazar 400kV Transmission Line Project (IFB No. 01/PGCB/Sec/2008/2787) / Bangladesh	Project Management & Procurement Services	Consortium of Samsung and Hanbaek Co. / PGCB, Bangladesh	2010 ~ 2013
18	SABIYA CCGT Power Station, 400kV Inter-Connection from Dead-end Tower to Gantry / Contract No. : MEW/C/4010-2009/2010 /Kuwait	Design & Procurement for the Long-rod Insulator, Fittings and Conductor	Hyundai Heavy Industries Co., Ltd. / MEW, Kuwait	2010
19	YoungHung Mini Hydro Power Plant #1 & #2 (1,550kW x 3) / Korea	Engineering & Design (Electrical + I&C)	HwaChon Plant / KOSEP, Korea	2010 ~ 2011
20	132kV Substation for BERA 70MW Peaking Power Plant / Bangladesh	Engineering, Procurement, Erection and Test & Commissioning	Hyundai Heavy Industries Co., Ltd. / PDB, Bangladesh	2010 ~ 2011
21	Design-Build and Turnkey Contract for 230kV SIDDHIRGANJ Substation Bid Package No. G3-PGCB / Bangladesh	Engineering. Design & Supervision for Site Works	GS E&C / PGCB, Bangladesh	2010 ~ 2013
22	23kV Distribution Line(4.2km) for Haiti-North Park USAID 10MW PPS / Haiti	Design, Calculation & Procurement	ESD, Engineering & Services. SRL, Dominica	2011 ~ 2012
23	132kV Substation Grid Connection Works for HFO Diesel Power Plant - A,B Project / Iraq	Engineering & Design Works	STX Heavy Industries Co., Ltd. / MOE, Iraq	2011 ~ 2012
24	Design, Supply and Installation of Rehabilitation of 132kV KIYUNGI Substation / Tanzania	Engineering & Design Works	GS E&C / TANESCO, Tanzania	2011 ~ 2015

5. EXPERIENCES



- Engineering, Procurement, Construction & Project Management

NO.	PROJECT / COUNTRY	SCOPE OF WORKS	CLIENT / END USER	PERIOD
25	Construction of Substation and HVL 500/220/110kV on Direction Ashgabat-Balkanabat-Turkmenbashi / Turkmenistan	Engineering & Design Works including preparation of Technical Specification	Samsung Engineering Co., Ltd. / Turkmenistan	2012 ~ 2013
26	TIHAMA Cogeneration Expansion Project Stage-II , 230kV / Saudi Arabia	Engineering, Procurement & Supervision for Site Works	Hyundai Heavy Industries Co., Ltd. / TIHAMA Power Generation Co., Ltd.,	2012 ~ 2015
27	132kV Meghna River Crossing Tower at Tetia-Kanainagar Point / Bangladesh	Project Management & Procurement Services	Consortium of Hanbaek Co and Sejong Corp. / PGCB, Bangladesh	2013 ~ 2015
28	132kV double circuit underground cable replacing existing Tongi-Mirpur 132kV transmission line / Bangladesh	Project Management & Procurement Services	Consortium of Hanbaek Co and LS Cable. / PGCB, Bangladesh	2013 ~ 2014
29	Iraq West Qurna Phase-2 Project. (TR yard. 132kV & 33kV)	Engineering & Procurement	Sean Enc. / MOE, Iraq	2013 ~ 2014
30	BTIP Upgrading 4 x 220kV Substation Project / Tanzania	Engineering, Procurement and Supervision for Installation & Commissioning	Consortium of GS E&C and Hyosung Corp. / TANESCO, Tanzania	2014 ~ 2016
31	Samcheok Green Power 1&2 Small Hydro Power Plant / Korea	Engineering & Design (Electrical + I&C)	HwaChon Plant / KOSPO, Korea	2014 ~ 2016
32	Saudi Aramco Third Party Cogeneration Projects / Saudi Arabia	Engineering & Design Works for Outgoing Gantry Area	Samsung Engineering Co., Ltd. / Power Cogeneration Plant Co., Saudi Arabia	2014
33	Saudi Aramco Third Party Cogeneration Projects / Saudi Arabia	Procurement for Outgoing Gantry Area	Sean Enc. / Power Cogeneration Plant Co., Saudi Arabia	2014
34	BNCP Social Infra 132kV Power Transmission Line / Iraq	Engineering & Design Works (BASIC)	Hanwha Engineering & Construction / NIC, IRAQ	2015
35	KUMASI 330/161kV Substation Project / Ghana	Engineering & Design Works and Supervision for Installation & Commissioning	GS E&C / GRIDCo, GHANA	2015 ~ 2018
36	JINRO Power 57.8MW PPS, 115KV Substation / Panama	Engineering, Procurement and Supervision for Installation & Commissioning	Hanil Noise & Vibration Co., Ltd. / Jinro Corp., Honduras	2015 ~ 2016. 2

5. EXPERIENCES



- Engineering, Procurement, Construction & Project Management

NO.	PROJECT / COUNTRY	SCOPE OF WORKS	CLIENT / END USER	PERIOD
37	500kV Inter-Connection to Substation for SONGHAU-1 Power Plant(600MW x 2) / Vietnam	Design & Procurement Works	Doosan Heavy Industries & Construction, Korea / PVN, Vietnam	2016 ~ 2018
38	KARABATAN CCPP. 110kV GIS Substation / Kazakhstan	Engineering & Design Works	LSIS / Doosan Heavy Industries, Korea / KUS, Kazakhstan	2016 ~ 2018
39	66kV Substation for Daewoo Amara Hotel / Myanmar	Engineering & Design Works	LSIS / POSCO E&C, Korea	2016
40	SAN GREGORIO 230/138/69kV Substation Expansion. Lot-04 / Ecuador	Engineering & Design Works	LSIS / CELEC, Ecuador	2016 ~ 2018
41	Design, Manufacturing, Supply for 220kV & 500kV Interconnection System for LONGPHU-1 Thermal Power Plant Project / Vietnam	Design & Procurement Works	PJSC "Power Machine", Russia / PVN, Vietnam	2017 ~ Present
42	EPC CPF Phase-2 at Badra Oilfield, Iraq TR-yard / Iraq	Engineering & Design Works	Sean Enc. / Samsung Eng. /Gazprom Beft Badra B.V., Iraq	2017 ~ 2018
43	Clean Energy and Network Efficiency Improvement Project. MANNAR Transmission Infrastructure–Lot A. 220kV / Sri Lanka	Engineering & Design Works	LSIS / CEB, Sri Lanka	2018 ~ 2020
44	Naga(Visayas) Substation Upgrading Project / Philippines	Design & Procurement for Steel Structure	ABB India Limited / NGCP, Philippines	2018 ~ 2018
45	Package-2 : Renovation Works of Transmission System Loan No. MY-P2 / Myanmar	Engineering & Design Works	Hyundai Engineering & Construction / EPGE, Myanmar	2018 ~ Present
46	National Power Transmission Network Development Project Phase I Loan No. MY-P8 / Myanmar	Engineering & Design Works	Hyundai Engineering & Construction / MOEE, Myanmar	2020 ~ Present
47				
48				

6. PHOTOS



- No. 7 of Section 5 - ASHUGANJ-SERAJGANJ 230KV TRANSMISSION LINE PROJECT / BANGLADESH



6. PHOTOS



- No. 14 of Section 5 - CHAMELIYA Hydroelectric Project Lot-1,2 &3 under EDCF Loan Agreement / Nepal



Hydro Power Generator



132kV Substation

6. PHOTOS



- No. 17 of Section 5 - MEGNAGHAT– AMIN BAZAR 400KV TRANSMISSION LINE PROJECT / BANGLADESH



6. PHOTOS



- No. 18 of Section 5 – 400KV SABIYA CCGT POWER STATION PROJECT / KUWAIT



6. PHOTOS



- No. 20 of Section 5 - 132KV SUBSTATION FOR BERA 70MW PEAKING POWER PLANT PROJECT / BANGLADESH



6. PHOTOS



- No. 21 of Section 5 - 230KV SIDDHIRGANJ SUBSTATION / BANGLADESH



Fabrication of 230kV Gas Circuit Breaker(Jan.30, 2013)



Fabrication of 230kV Transformer(Nov.09, 2012)

6. PHOTOS



- No. 26 of Section 5 - TIHAMA COGENERATION EXPANSION PROJECT STAGE-II , 230kV / SAUDI ARABIA



Ju'aymah Gas Plant (JGP)



Uthmaniyah Gas Plant (UGP)

6. PHOTOS



- No. 35 of Section 5 – KUMASI 330/161kV Substation / GHANA



6. PHOTOS



- No. 36 of Section 5 JINRO POWER 57.8MW PPS, 115KV SUBSTATION / PANAMA



115kV Substation for JINRO Power 57.8MW PPS



JINRO Power 57.8MW PPS

7. ISO 9001



Global Inter Certification



Management System Certification Body No.MSCB-108

CERTIFICATE

No. 19-A-0243 Rev.0

This is to certify that the Quality Management System of

FORTEK INC.

of

Rm.904 (Daerung 13-cha, Gasan-dong), 24, Gasan digital 1-ro,
Geumcheon-gu, Seoul, Korea

Company Reg. No.: 119-86-87023

has implemented and documented a quality management system in compliance
with the requirements of the standard

ISO 9001:2015

for

-Planning and Consultancy for HV Transmission & Distribution System
-Engineering and Supply of Equipment for HV Substation & Transmission Line
-Trading of Electrical Equipment

The certificate is issued on the basis of the results mentioned in the pertinent audit report.
Validity of the certificate is conditionally limited by positive results of surveillance audits,
which the certified company committed to undergo.

This certificate can be invalid if the certificate holder does not fulfill the conditions set out in
the certification agreement.





Initial issue date: Dec. 09. 2016
Re-issue date: Nov. 07. 2019
Expire date: Dec. 08. 2022

Tyrone Dyse
Tyrone Dyse
Head of Certification Body

904 E. Windsor Road #102, Glendale, CA 91205
<http://www.gicert.org/>

Global Inter Certification



Management System Certification Body No.MSCB-108

품질경영시스템인증서

No. 19-A-0243 Rev.0

주식회사 포텍

서울특별시 금천구 가산디지털 1로 24 904 호 (가산동, 대륭 13 차)

사업자등록번호: 119-86-87023

하기 규격에 따라 품질경영시스템이 적격하게 수립 및 유지됨을 확인함

ISO 9001:2015

인증범위

-고전압 송배전 계획 및 컨설팅
-고전압 송배전 설계 및 자재 공급
-전기자재의 무역

본 인증서는 적합한 심사결과에 근거하여 발행되었으며, 인증서의 유효성은
정해진 주기에 따른 사후심사의 긍정적인 결과를 조건으로 유지 됨.

인증표준계약에 따라 상기 인증주체의 의무를 이행하지 않을 경우 인증서의
유효성은 무효가 될 수 있음.

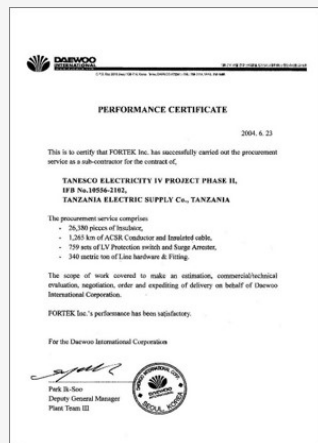




최초 발행일: 2016. 12. 09
재발행일: 2019. 11. 07
만료일: 2022. 12. 08

Tyrone Dyse
Tyrone Dyse
Head of Certification Body

904 E. Windsor Road #102, Glendale, CA 91205
<http://www.gicert.org/>



Thank you!

