

RESUME

Preferred Position: Senior Electrical Engineer
Expected Salary: 78,000 THB
Personnel Data:

Name: Yuttana Wuthipanyanan (ยุทธนา วุฒิปัญญานันท์)
 Gender: Mal
 Date of Birth: October 24, 1971
 Age: 53
 Nationality: Thai
 Marital Status: Married
 Military Status: Exempted
 Address: 37/75 Prinyaluck, Samakee Samakee Rd, Tasai, Nonthaburi 11000
 Mobile phone: 081-6384436
 E-mail: oun_yuttana@yahoo.com
 Engineering license: Senior Professional Electrical Engineering License (วุฒิไฟฟ้ากำลัง)



Department of Labour Protection and Welfare license: (กรมสวัสดิการ)

: 0302-01-2565-0592 (รับรองบริษัทไฟฟ้า), 0604-01-2567-0014 (ทดสอบเครื่องจักร (ลิฟต์))

Driving license: Valid type no. 40000650 (Own Vehicle)

Education Background

1998: Sripatum University
 Bachelor Degree in Engineering
 Major: Electrical Power Engineering
 1993: Sripatum University
 Diploma
 Major: Electrical Power
 1990: Kasem Polytechnic School
 Vocational Certificate
 Major: Electrical Power

Training Course:

- Electrical HV Substation Conceptual & Technic Design(provincial electricity authority : PEA)
- Installation Standard of Electricity system in Thailand (Standard 2013 and 2021) by The Engineering Institute of Thailand
- Short circuit & voltage drop calculation by The Engineering Institute of Thailand
- Design and Installation of Fire Alarm System by The Engineering Institute of Thailand
- Verification and Testing of Building Electrical System for Safety and Maintenance by The Engineering Institute of Thailand
- Law of Construction of Thailand by The Engineering Institute of Thailand
- Lightning Protection Standard by The Engineering Institute of Thailand
- Project Management Fundamentals by The Engineering Institute of Thailand
- Machine Preventive Maintenance course by Technology Promotion Association (Thai-Japan)
- Safety officer in Supervisor Level course by Technology Promotion Association (Thai-Japan)

Special Skills:

- Understanding of design and commissioning of large high voltage substations, power conversion systems, complex power distribution systems, redundant protection, automation and control systems.
- Short Circuit & Voltage Drop Calculation , Lightning Protection Design
- Lighting System Design, Fire Alarm System Design.
- Emergency Exit Light & Emergency Exit Sign System Design
- Can operate personnel computer programs such as Microsoft Word, Excel and Power Point
- Basic of Auto cad Program
- Good oral and written communication skills, analytical and problem-solving.
- Problem-solving skills and demonstrated ability to manage and resolve both technical and people issues and take corrective actions.
- Make decisions and solve problems on the time, often weighing up risks and incomplete information to allow a rapid judgment to be made to keep project moving
- Interact with team leaders, maintenance coordinators, operation advisors and other personnel to ensure setup and maintenance activities are consistent with the operation priorities
- Understanding and reading construction drawings for all disciplines (mechanical, plumbing)
- Operational experience hands on experience in M&E Engineering.
- Understanding Ministerial regulations 2566: determine the safety behavior of buildings used for hotel business. Understanding Thailand Building Control Act B.E. 2522

Work Experience:

Jan 2020 – Aug 2024: Senior Electrical Engineer

Company: Southeast Asia Technology Co., Ltd. (SEATEC)

Business: Construction Management and Design

Project: Office Building (อาคารสำนักงาน กกพ ถนนวิภาวดีรังสิต)

Building: 9 stories @ 20,000 m²

Switch Gear RMU 24 KV 2 sets

Dry Type Transformer

1,250 KVA 2 sets

Generator 1,000 KVA 1 set

Responsibilities:

- Comment and review design for electrical system and co-ordinate with the designers.
- Estimate project cost budget to the clients.
- Negotiate and award the contracts.
- Verify and negotiate for variation work.
- Assess the work progress and certify payment.
- Contact the suppliers for direct purchase.
- Inspect and verify the work on site.
- Review and approve the electrical system installation
- Provide technical support on electrical related issues
- Monitor and control activities associated with electrical to avoid any malfunction / project delay
- Approve, advice, recheck and monitor outsource building operation management

Project:

อาคารศูนย์บริการงานวิศวกรรมและวิเคราะห์ทดสอบ รังสิต

The National Science and Technology Development Agency (NSTDA: สวทช)

Building 1: 2 stories @ 3,800 m²

Switch Gear RMU 22 KV 1 set

Dry Type Transformer 1,000 KVA 1 set

Generator 100 KVA 1 set

Building 2: 2 stories @ 4,800 m²

Switch Gear RMU 22 KV 1 sets

Dry Type Transformer 2,000 KVA 1 set

Generator 200 KVA 1 set

Responsibilities:

- Comment and review design for electrical system and co-ordinate with the designers.
- Estimate project cost budget to the clients.
- Negotiate and award the contracts.
- Verify and negotiate for variation work.
- Assess the work progress and certify payment.
- Contact the suppliers for direct purchase.
- Inspect and verify the work on site.
- Review and approve the electrical system installation
- Provide technical support on electrical related issues
- Monitor and control activities associated with electrical to avoid any malfunction / project delay
- Approve, advice, recheck and monitor outsource building operation management
- Coordinated and controlled air condition (split type), sanitary, fire protection system installation.

Feb 2013 - Sept 2019: Senior M&E Engineer

Company: Grand Canal Land Public Company Limited

Business: Real Estate Construction and Property

Project: G Tower building Office & Retail Shopping (Grand Rama 9) Bangkok

Building North: 39 stories @ 81,600 m², Building South: 27 stories @ 56,500 m²
 Switch Gear RMU 24 KV 8 sets
 Dry Type Transformer 2,500 KVA 2 sets, 2,000 KVA 2 sets, 1,600 KVA 2 sets, 1,250 KVA 2 sets
 Generator 1,250 KVA 1 sets, 800 KVA 2 sets, 700 KVA 2 sets, 500 KVA 2 set
 Air condition system: Chiller 1,000 TR 3 sets, 500 TR 1 set, 250 TR 2 sets
 cooling tower 500 TR 6 sets

Project: Bell Condominium (Grand Rama 9) Bangkok

Building A1: 44 stories @ 52,400 m², Building A2: 35 stories @ 41,700 m²
 Building B1: 37 stories @ 44,100 m², Building B2: 28 stories @ 33,400 m²
 Switch Gear RMU 24 KV 4 sets
 Dry Type Transformer 2,500 KVA 2 sets, 2,000 KVA 2 sets, 1,600 KVA 2 sets
 Generator 1,000 KVA 2 sets

Project: Retail Shoppes (Grand Rama 9) Bangkok

Retail Building: 2 stories @ 44,000 m²
 Switch Gear RMU 24 KV 4 sets
 Dry Type Transformer 1,250 KVA 4 sets
 Generator 500 KVA 2 sets, 100 KVA 1 set
 Air condition system: Chiller 1,000 TR 1 sets, 250 TR 1 sets
 Cooling tower 400 TR 3 sets

Responsibilities:

- Comment and review design for electrical system and co-ordinate with the designers.
- Estimate project cost budget to the clients.
- Negotiate and award the contracts.
- Verify and negotiate for variation work.
- Assess the work progress and certify payment.
- Contact the suppliers for direct purchase.
- Inspect and verify the work on site.
- Review and approve the electrical system installation
- Provide technical support on electrical related issues
- Monitor and control activities associated with electrical to avoid any malfunction / project delay
- Approve ,advice, recheck and monitor outsource building operation management
- Coordinated and controlled air condition (chiller, split type), sanitary, fire protection system installation.
- Coordinate and work with building operation management team
- Control Energy saving

Project: Grand Canal Prachachuen House Village Bangkok

Responsibilities:

- Comment and review for M&E system to repair and maintenance.
- Negotiate and award the contracts.
- Verify and negotiate for variation work.
- Assess the work progress and certify payment.
- Contact the suppliers for direct-purchase.
- Review and approve the electrical system installation
- Coordinate and work with building operation management team

Feb 10 – Jan 13: M&E Engineer

Company: Project Asia Co., Ltd.

Business: Construction Consultant Company

Project: Head Office (QS Department)

Project: Centara Hotel LadPraw Bangkok

Project: Centara Plaza Pinklaw Bangkok

Project: Holiday Inn Patong Phuket

Responsibilities:

- Prepare the inspection reports, propose to the clients before project commencement
- Comment and review design for electrical system and co-ordinate with the designers.
- Estimate project cost budget to the clients.
- Prepare and propose value engineering to keep the budget on track.
- Prepare tender documentation and provide tender report.
- Qualify and select contractors to the projects.
- Negotiate and award the contracts.
- Prepare letter of award and contract documentation.
- Verify and negotiate for variation work.
- Assess the work progress and certify payment.
- Contact the suppliers for direct-purchase.
- Check and verify the work on site.

July 06 – Jan 10: M&E Engineer

Company: Project Asia Co., Ltd.

Business: Construction Consultant Company

Project: Asoke Complex Office and Retail (Sukhumvit 21) Bangkok

Building : 34 stories @ 103,398 m2
 Switch Gear RMU 24 KV 4 sets
 Dry Type Transformer 2,000 KVA 6 sets, 1,600 KVA 2 sets
 Generator 1,600 KVA 1 set

Responsibilities:

- Review and approve the shop drawing.
- Review and approve for the material documentation.
- Verify for work variation
- Review and approve the electrical system installation.
- Co-ordinate with contractor, architecture and the project owner
- Approve material and equipment specifications for the project owner.
- Vendor sourcing, vendor negotiations, drafting and issuing of contracts, purchasing,
- Delivery schedule planning and monitoring.
- Coordinated and controlled air condition (chiller, split type), sanitary, fire protection system installation.
- Coordinate and work with building operation management team

May 04- June 06: **Electrical Engineer**

Company: **KCS & Associate Co., Ltd**

Business: **Construction Consultant Company**

Project : **Utthayarn Thumasatan, Pradhamagai Temple, Pathumthanee**
 Dry Type Transformer
 1,200 KVA 1 set, 800 KVA 2 sets, 630 KVA 4 sets
 Generator 1,600 KVA 1 set

Responsibilities:

- Reviewed and approved the shop drawing
 - Reviewed and approved for the material documentation
 - Verified for work variation
 - Reviewed and approved the electrical system installation
 - Coordinated with contractor, architecture and the project owner
 - Approved material and equipment specifications for the project owner.
 - Vendor sourcing, vendor negotiating, drafting and issuing of contracts, purchasing, delivery schedule planning, following up and monitoring.
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Nov 02 – April 04: **M&E Engineer**

Company: **Archinet Co., Ltd.**

Business: Design and construction

Responsibilities:

- Electrical system design and installation
 - Cost Estimating
 - Contractor and architect coordinating
 - Materials and equipment specifications reviewing and improving for the project owner.
 - Sanitary calculation and installation water storage tank ,water pump , septic tank
 - Air condition & ventilation calculation and installation (Split type air condition)
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Jan 01 – July 02: **Production Engineer**

Company: **Amatech ECM (Thailand) Ltd.**

Business: **Smart Card Manufacturer**

Responsibilities:

- Set up machines and equipment for Smart Card Contactless production processes
- Embedding machine, Automatic Coil Winding machine, Laminated machine, Test
- Managed production line for quality and productivity improvement.
- Planned and increased production capacities.
- Reduced production downtime, maintained tooling and equipment.
- Trained technicians for machine operating and electrical system maintenance
- Communicate planned objectives to plant operation team.
- Supervised operators and technicians for production problems and caution to improve
- Quality and productivity.
- Reported manufacturing status.
- Co-operated with head quarter Engineer in Germany for product specifications.

Apr 99 – Dec 2000: **M&E Engineer**

Company: **One Hundred and Ten (110) Consultant**

Business: **Construction Consultant Company**

Project: **Recreation Center, Thammasart University Pattaya, Chonburi**
Oil Type Transformer 1,250 KVA 1 set
Generator 180 KVA 1 set

Responsibilities:

- Reviewed and approved the shop drawing
 - Reviewed and approved for the material documentation
 - Verified for work variation
 - Reviewed and approved the electrical system installation
 - Coordinated with contractor, architecture and the project owner
 - Vendor sourcing, vendor negotiating, drafting and issuing of contracts, purchasing, delivery schedule planning, following up and monitoring.
 - Coordinated and controlled air condition (split type), sanitary, fire protection system installation
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Nov 93 – Mar 98: **Senior Electrician**

Company: Matichon Public Co., Ltd. (Bangkok)

Business: Printing manufacturer

Responsibilities:

- Repaired all machines for printing processes involved mainly in printing and insertion machines.
 - Ran preventive maintenance for all machines and equipment in processes.
 - Supervised technicians for repairing and preventive maintenance.
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Reference

- Mr. Kwanchai Puthong (ขวัญชัย ภูทอง) : Assistant Director manager
Grand Canal Land Public Company Limited Tel: 081-8274-096
- Mr. Thanabodee Traipipat (ธนบดี ไตรพิพัฒน์) :
Manager Contract & Cost Management Design and Construction
Singha Estate Public Company Limited Tel: 099-1295-055