

SORRAWIT SANDUANGDUAN



ABOUT ME

Result-oriented, intelligent, organized, and motivated individual seeking an available position to utilize years of experience to fulfill the company's strategic.

Date of Birth: 23 July 1992

Address: 1488/113 Chan Kasem, Chatuchak, Bangkok, Thailand. 10900

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Full COVID-19 Vaccinated: AstraZeneca and Pfizer.

MEP Estimator (Mechanical Engineer)

- 8 years of experience in cost estimate of mechanical work.
- Software Tools: Ansys Fluent (CFD), AutoCAD and Solid Works.
- Office Tools: Microsoft Office Word, Excel, Power Point and Microsoft Office Project.

Educational Background	2020-2023 Master of Mechanical Engineer KASETSART UNIVERSITY, Bangkok, Thailand. <ul style="list-style-type: none">- Relevant courses: Finite Element Method, Rolling Stock Control, Rail Operation & Maintenance Management, Rail Freight Management- Thesis: The Design of a Mechanical Tunnel Ventilation System in Khun Tan Tunnel with a Broken-Down Diesel Electric Locomotive using Computational Fluid Dynamics (CFD). 2012-2015 Bachelor of Mechanical Engineer SRINAKARINWOROT UNIVERSITY, Bangkok, Thailand.
Language Skills	Native Thai Fair command of English

Professional Experience	
March 2019 - Current	CH. Karnchang Public Company Limited – Bangkok. Thailand. A leader in construction and a regional leader in the development of high quality and comprehensive public infrastructure.
Role	Mechanical Engineer (Mechanical Estimate)
Responsibilities	<ul style="list-style-type: none">- Preparing tender and contract documents.- Perform cost analysis for proposed projects to determine feasibility.- Create accurate estimates of project costs based on available information.

	<ul style="list-style-type: none"> - Coordinate with vendors and suppliers on pricing and lead times for materials. - Develop strategies for reducing costs without sacrificing quality or efficiency. - Work with project managers to monitor budgets and adjust plans as necessary. - Procuring the services of contractors and subcontractors, and ensuring they get paid.
Project have done	<p>Building</p> <ul style="list-style-type: none"> - Royal Thai Embassy in Vientiane - Extended OPD Building of Chulalongkorn Hospital - Learning and Research Center of 60th Anniversary of Princess Chulabhorn in Chulabhorn Royal Hospital <p>Road and Expressway</p> <ul style="list-style-type: none"> - Kathu – Patong Expressway Project <i>*In the process of studying</i> - Chalong Rat Expressway Expansion (Chatuchot-Lumlukka) - The Rama IX Parallel Bridge route of the Rama 9 Expressway. 3- Dao Khanong-Western Outer Ring Road <p>Airport</p> <ul style="list-style-type: none"> - Bangkok Suvarnabhumi Airport 3rd Runway - 2nd Runway and Taxiway Project U-Tapao International Airport - Suvarnabhumi Airport East Terminal Expansion <i>*In the process of studying</i> <p>Mass Rapid Transit System and Train</p> <ul style="list-style-type: none"> - Railway Project of SRT: Den Chai – Chiang Rai – Chiang Khong - High Speed Train: Section-I Bangkok – Nakhon Ratchasima - MRT: Purple Line Project (Tao Pun – Rat Burana Section) - SRTET: Red Line Expansion (Taling Chan-Salaya, Taling Chan-Siriraj and Rangsit-TU) - MRT: Orange Line (East Section) <p>Water Supply</p> <ul style="list-style-type: none"> - The West of Bangkok Water Treatment and Distribution Facilities Thonburi - MWA: Tunnel Water Supply Maha Sawat Section
2016 – February 2019	JWS Construction Co., Ltd – Bangkok, Thailand. Construction Company
Role	Senior Mechanical Engineer (Mechanical Estimate)
Responsibilities	<ul style="list-style-type: none"> - Reproduce designs and estimate, prepare BOQ, construction prices. - Calculate the amount of materials for purchasing construction materials.
Project have done	<ul style="list-style-type: none"> - Condominium - Hotel - Factory and Warehouse