

AMARANTE, Raffy Abando



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amarante.raffy@gmail.com
Age:41 & Happily Married

CERTIFICATIONS

- Graduate of Bachelor of Science in Electrical Engineering
- Certificate in AutoCAD & Advance AutoCAD in M&E (Autodesk Building System)
- Confined Space Management
- Supervise Workplace Safety and Health in Process Plant
- Supervise Construction Work for WSH (Blended)
- Member of Institute of Integrated Electrical Engineers of the Philippines

SKILLS

Computer Literate Proficient

- AutoCAD (2D & 3D) softwares
- Gotech Portal, Aconex, Onedrive Portal
- Microsoft Windows Application (MS Word, Excel, Power Point, PDF and other related software's)
- MS Project / Primavera

Basic knowledge in

- DiaLux
- CAT Duct Calculation
- Lux Calculator
- GeBIZ/Sesami/Aconex Tender Submission

Languages

- Filipino, English

Summary

An Experienced MEPF Manager, with more than 16 years of experience in various complex construction industries such as Commercial and residential buildings, landed and high rise, Petrochemical, Energy, Laboratory, Data Centre, and clean room environments. With a Degree in Electrical Engineering, involved in pre & post-contract cost management and most of all always have an interest in working in a dynamic environment and traveling.

EDUCATION

Degree in Bachelor of Science in Electrical Engineering

(Polytechnic University of the Philippines - Manila Philippines)

Certificate in AutoCAD with color rendering level I & II

(Microcadd Technologies Co. Inc – Quezon City Philippines)

Certificate in Autodesk Building System

(Maximum Solution – Makati City Philippines)

WORK HISTORY

• Yes Construction Pte Ltd (EPC Company in Singapore)

Mechanical & Electrical Manager

January 2020 to Present

PRIMARILY ROLES:

- Assisting and supporting the tender & QS department on consolidation and evaluation of bidding documents on cost and technical proposals for Mechanical, Electrical, Piping and Fire Protection scope of works during Pre & Post Tender and final account.
- Review, Evaluation, & Certification of all MEPF cost proposal, expenses, progress reports, claims and commercial disputes.
- Review, and approval of all necessary MEPF Materials, Procedures, Method Statement & Risk Assessments submissions & samples for consultants, architects & client approval in accordance to cost Proposal.
- Systematic review, controlling & inspection of any discrepancy between IFC drawings & technical specifications of Scope understanding documents for timely works accomplishments.
- Generate cost estimates and technical proposals for client future business development.

SECODARY & AD HOC ROLES:

- Planning, controls & coordination of Mechanical, Electrical, Piping & Fire Protection system with relevant vendors, sub-cons, consultants, government authorities and client to ensure smooth workflow & timely completion.
- Support on project team to witness the inspections of MEPF works including Testing and commissioning and guide them to make a clear decision through excellent cost documentation and timely communications.
- Oversee the project expenses by creating cost comparison reports and list of potential and existing variation orders directed by employer.

Handled Projects:

A. Petro / Chemical Plant & Energy

1. Proposed Additions and alterations To An existing industrial Development Involving the addition of An Electrolysis Plant and Other Ancillary facilities On Lot 03096l, 03783m, And 03752m Mk 34 At 101 Banyan Avenue Singapore 627722 (Western Islands Planning Area)
Client: Linde Engineering Pte Ltd
Status: In progress, target of completion by the first quarter of 2024
2. Construction of General Civil Works and Building Package for the Metallocene Catalyst Expansion (MET-X) Project inside the Exxonmobil Premises (Jurong Island)
Client : ExxonMobil/JGC Asia Pacific
Status: In progress, target of completion by the third quarter of 2023
3. Construction Of Keppel Energy Nexus Service Corridor On Jurong Island For Project (Jiw1 Part A) At Banyan Avenue And Tembusu Avenue, Jurong Island
Client : Keppel Energy
Status: Completed
4. (Symphony Project) Proposed New Erection of Chemical Plant for Single Usage Factory Involving Process Structures & Ancillary Building on Lot MK34-03591M at Banyan Avenue, Jurong Island.
Client : Arkema Pte Ltd / Wood. (Amec Foster Wheeler Asia Pac)
Status: Completed
5. Proposed Addition And Alteration To The Existing Refinery Involving The Addition Of OMA Building And Other Ancillaries On Lots 2356n, 2841v, 2951k, 3032n, 2957w, 2464l, 2975v & State Foreshore Mk 34 At 1 Merlimau Road, Singapore 628260 (Western Islands Planning Area)
Client: Singapore Refining Company Pte Ltd
Status: Completed
6. Proposed A&A Involving The Addition Of VAE & VAEP Process Structures/Equipment, VAE Emulsion Tank Area, Packing Warehouse, Piperacks And Ancillaries
Client: CCD Singapore Pte Ltd
Status: Completed
7. Proposed Addition of Single Storey Packing Warehouse To The Existing Plant At 29 Tembusu Avenue Singapore 627535
Client: CCD Singapore Pte Ltd
Status: Completed
8. Proposed Temporary Site Facilities (To Support the Construction of ExxonMobil CRIPS Grassroots Project) on Lot 3781L PT MK 34 at Jurong Island (West Island Planning Area)
Client: ExxonMobil Asia Pacific Pte Ltd/ Amec Foster Wheeler Asia Pacific Pte Ltd
Status: Completed

- **ACROMEC Engineers Pte Ltd (Country: Singapore)**

- MEP Estimating Engineer (Tender Department)**

- April 2018 to December 2019

- PRIMARILY ROLES:**

- Led the consolidation and evaluation of bidding documents for commercial/cost & technical proposals for Mechanical, Electrical, Piping & Fire Protection scope of works during Tender and bidding time.
 - Assisting and guiding the engineering team to analyze and pre-design of the MEPF requirements.
 - Prepare Tender documents including Bills of Quantities of materials, labour and services required.
 - Sourcing of quotations and preparing cost comparisons submitted by sub-contractors and suppliers.
 - Preparation and analyzing costings for Tenders
 - Assist the Project in charge in maintaining awareness of project's contract and specification throughout the duration of project and guiding them for timely handling over and evaluation of variation orders.
 - Liaise with project's subcontractors, architect's and consultants for project coordination
 - Attend site meetings like tender briefing, interviews and project kick off meetings.
 - Generating the quantities for purchase orders and assisting the contracts department on issuance Letter of Award.

- Handled & Awarded Projects:**

- A. Under Healthcare Services**

1. Design and Build Addition and Alteration to ICON Singapore Oncology Clinic at Gleneagles Medical Centre #05-11,12,18 & 19
Client: ICON Singapore Oncology Clinic
Status: Completed
2. Design and Built of Fire Protection (Sprinkler, Fire Alarm Panel, Hose Reel, Dry Riser), Builders Work, Smoke Stop Lobby @ Khoo Block and Our Lady Ward & Repair and Building works to CSSD @ Centre A B1 & B2
Client: Mount Alvernia Hospital
Status: Completed
3. Addition and Alteration to Novaptus Surgery Centre at Camden Medical Centre #04-04 to 09 (Consisting 4nos of Operating Theatre)
Client: Camden Medical Centre
Status: Completed
4. Additions and Alterations to Mt. Alvernia Medical Centre B Level 3 New Endoscopy Suite (Consisting 1no Operating Theatre, 4 Endoscopy & Recovery Area)
Client: Mount Alvernia Hospital
Status: Completed

- B. Under Laboratory & Cleanrooms Services**

1. Design and Build Services for Lab & Office Fit Out at Block B #07-01/04 of Alexandra Technopark for Q2 Solutions
Client: Q2 Solutions
Status: Completed

2. Supply, Delivery, Installation, Testing, Commissioning and maintenance of laboratory furniture and equipment for proposed 7 storey development LAB with basement at 13 International Business Park
Client: Evonik
Status: Completed
3. Office and Clinical Fitting Out Works (NSC for GMP Cleanroom Works) to Existing Unit #02-11 to 16 of Synapse Building (Biopolis-Life Exchange BM3) at 3 Biopolis Drive
Client: NCS
Status: Completed
4. Proposed Laboratory & Office Fitting Out Works (Builders & MEP Works) for EVONIK (SEA) Pte Ltd at Nucleus Tower A (South) 21 Biopolis Road, Level 1 Mezzanine, Singapore 138567
Client: Evonik
Status: Completed

C. Under General Construction Services

1. Proposed erection of a poultry farm with ancillary facilities and ancillary staff quarters at Neo Tie Road (Lim Chu Kang) - Nominated Sub Contract for Mechanical and Electrical Works
Client: Chew Farm
Status: Completed

• **DAIYA Engineering & Construction Pte Ltd (Country: Singapore)**

Senior M&E Coordinator

December 2015 to April 2017

PRIMARILY ROLES:

- Planning, controlling & coordinating of all mechanical & electrical works;
 - Preparation of all necessary submissions & samples for consultants, architects & client approval;
 - Checking of discrepancy between project drawings & technical specifications;
 - Negotiating of approval for M&E changes to the projects;
 - Planning and liaising with consultants, architects, engineers, client representative, subcontractors, colleagues & government authorities to ensure smooth workflow & timely completion;
 - Schedule all the overall site progress
 - Assisting all managers and project director to conduct coordination meetings & progress reports;
 - Monitoring of documents & coordinated shop drawings;
 - Identify any variation works order and evaluation of monthly progress claims;
 - Preparation of as-built drawings;
- **Handled Projects:**
 1. Project : # 1415 Coronation Road (106 Cluster houses units and 3 Good class Bungalow at, Victoria Park Villa's) Singapore
Client: Capital Land
Status: Completed

- **HOLDEN Tiling & Construction Pte Ltd (Country: Singapore)**

- **Senior M&E Coordinator**

- August 2010 to November 2015

- PRIMARILY ROLES:

- Planning, controlling & coordinating of all mechanical & electrical and other related works;
 - Preparation of all necessary submissions & samples for consultants, architects & client approval;
 - Checking of all discrepancies between project drawings & technical specifications;
 - Negotiation of approval for M&E changes to the projects;
 - Plan and liaise with consultants, architects, engineers, client representative, subcontractors, colleagues & government authorities to ensure smooth workflow & timely completion;
 - Schedule all the overall site progress;
 - Assisting the managers, directors and other colleagues to conduct coordination meetings & progress reports;
 - Monitoring of overall M&E works, documents & coordinated shopdrawings;
 - Identify any variation works order and evaluation of monthly progress claims;
 - Preparation of as-built drawings;
 - Any ad-hoc duties as assigned;
 - Maintenance and troubleshooting of all defects in Mechanical & Electrical works.

- **Handled Projects:**

1. Good Class Bungalow @ 15d Chatsworth Road - Singapore
Client: Private & Confidential owner of the house
Status: Completed
2. Good Class Bungalow @ 34 Chee Hoon Avenue – Singapore
Client: Private owner of the house
Status: Completed
3. Good Class Bungalow @ 30 Saunders Road - Singapore
Client: Private owner of the house
Status: Completed
4. Good Class Bungalow @ 48A (Bukit Timah/Panjang Planning Area) - Singapore
Client: Private owner of the house
Status: Completed
5. Good Class Bungalow @ 4 Camden Park - Singapore
Client: Private owner of the house
Status: Completed
6. Good Class Bungalow @ 207 Jervois Road (Tanglin Planning Area) - Singapore
Client: Private owner of the house
Status: Completed
7. Good Class Bungalow @ 48B Jalan Kampong Chantek (Bukit Timah/Panjang Area) – Singapore
Client: Private owner of the house
Status: Completed

- **MEGATEC Electro-Mechanical Engineer and Contractors (Country: Doha, Qatar)**

Electrical Engineer

June 2007 to June 2010

PRIMARILY ROLES:

- Executes the projects according to strict deadlines and prudent budgets.
 - Planning, controlling & coordinating of all electromechanical & electrical works;
 - Prepare all necessary submissions & samples for consultants, architects & client approval;
 - Check discrepancy between project drawings & technical specifications;
 - Negotiate approval for M&E changes to the projects;
 - Plan and liaise with consultants, architects, engineers, client representative, subcontractors, colleagues & gov. authorities to ensure smooth workflow & timely completion;
 - Schedule all the overall site progress
 - Assisting on the shopdrawings of all electrical services and related trade-cons;
 - Assisting on the design and constructions of the site temporary power supply;
 - In charge of estimating department for the cash flow and variation orders and monthly progress claims;
 - Preparation of shopdrawings and update of as-built drawings;
 - Re-design of new cable routing on the existing building
 - Actual supervision of site implementations, installation of HV/LV electrical equipment, Transformers, Generators, Switchgears, LVSBs, DBs, Lighting & Power outlets, Lightning Protection & Grounding systems, Telecom, Fire protection and HVAC system as per contract technical specifications.
 - Testing and commissioning.
- **Handled Projects:**
 1. M&E Packages Works at The Pearl Qatar, Porto Arabia Parcel 3A Tower C & F (high rise bldg.) Doha Qatar
 2. M&E Packages Works at Sahara Tower (2B+G+1st+28high rise bldg.) Al Dafna Doha, Qatar
 3. M&E Packages Works at Al Baker Tower (2B+G+2P+42 high rise bldg.) Al Dafna Doha, Qatar
 4. M&E Packages Works at Al Nour Tower (1B+G+CH+28 high rise bldg.) Al Dafna Doha, Qatar
 5. M&E Packages Works at New PCSI Office (Shk. Khalid Abd. Jassim Al-ThaniAl Al Jaida) Doha, Qatar
 6. M&E Packages Works at Q-REIC Office Bldg. (2B+G+Mezz.+14flr.+ RD) Doha, Qatar
 7. M&E Packages Works at The Pearl Qatar,Viva Bahriya Tower 3 (2P+G+21+Mezz.+ 3Roof) Doha, Qatar
 8. M&E Packages Works at The Pearl Qatar,Viva Bahriya Tower 4 & 5 (2P+G+19+Mezz.+ 3Roof) Doha, Qatar
 9. M&E Packages Works at The Pearl Qatar, Porto Arabia Parcel 14A Tower F (high rise bldg.) Qatar
 10. M&E Packages Works at The Pearl Qatar, Porto Arabia Parcel 15A & B ,Tower C & F (high rise bldg.) Qatar

- **BETA Electric Corporation (DMCI Group of Companies in Philippines)**

Site Engineer Cum CAD Operator

December 2005 - January 2007

PRIMARILY ROLES:

- Assist in planning, controlling & coordinating of all electromechanical & electrical works;
- Prepare all necessary submissions & samples for consultants, architects & client approval;
- Check discrepancy between project drawings & technical specifications;
- Negotiate approval for M&E changes to the projects;

- Plan and liaise with consultants, architects, engineers, client representative, subcontractors, colleagues & govt authorities to ensure smooth workflow & timely completion;
- Schedule all the overall site progress
- Assisting on the shop drawings of all electrical services and related trade-cons;
- Assisting on the design and constructions of the site temporary power supply;
- In charge of estimating department for the cash flow and variation orders and monthly progress claims;
- Preparation of shopdrawings & CSD and update of as-built drawings;
- Actual supervision of site implementations specifically on the high voltage and low voltage switch gears as per contract technical specifications;
- Assisting the maintenance of temporary power systems, existing Dansalan Garden Tower 1 project and existing facilities like generators; LV & HV switch gears and transformer.

1. Project: M&E Packages Works at Shangrila Boracay Hotel Pre-con and estimate (Boracay, Philippines)
2. Project: A&A M&E Packages Works at Pioneer Point Unit 701 Office Building (Mandaluyong City, Philippines)
3. Project: M&E Packages Works at Dansalan Garden Tower 2 High Rise Condominium (Mandaluyong City, Philippines)

CHARACTER REFERENCE

Mr. Ronelo S. Callanta (HP: 8836 8534)