

RICARTE ESMEDILLA MANALO

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EXECUTIVE SUMMARY

Strong strategy- planning and people-management skills, 28 years' experience working in Project Scheduler, Cost Engineering, Quantity Surveying, Project Planning, Project Controls, AutoCAD and Project Management in Philippines, Africa, Middle East, Caribbean West Indies, Central Asia, and South East Asia for International Consultancy and Contractor's. Worked in different Engineering projects such as railways, infrastructure, storm water drainage, roads, bridges, ports, pipelines, power generation, multi storey building with automated MEP switchboard and processing plants on multi-disciplinary project for planning, estimating, cost and quantity engineering.

CORE QUALIFICATIONS:

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|----------------------|---|--------------------------------------|
| • Planner Scheduler | * | Infrastructure & Facility Management |
| • Primavera P6 | * | Labor Cost Control |
| • Design Preparation | * | Budget Analysis |
| • Project Estimates | * | Survey 4 Calculation |
| • Quantity Take Off | * | Engineering Reports and Studies |
| • Project Planning | * | Roadway Design |
| • Risk Management | * | Autocadd |
| • Cost Management | * | Concept Design and Drawings |
| • Time Management | * | Material sample and testing (FDT) |
| • Land Surveying | * | QA / QC |

Project Planning

- Developing project execution plans in consultation with Clients including site selection, project evaluation and financial analysis.
- Monitoring project status and preparation of reports for review meetings.
- Anchoring on-site construction activities to ensure completion of project within the time & cost parameters and effective resource utilization to maximize output.
- Participating in project review meetings for evaluating project progress providing technical inputs to construction methodology.

Cost & Quantity Surveying

- Preparation of Cost Price Analysis
- Preparation of Budget Cash Flow and Contract Variation
- Assessment of Work done into corresponding amount.
- Cost Forecasting, tracking and control for Cost Value Analysis.
- Management of subcontract accounts including evaluation of variations.
- Preparation of Cost Comparison (Planned &Actual) and monitoring of cost development for reporting.
- Preparation of Measurement and Cost Estimate / Detailed breakdown for additional work.

Site & Construction Management

- Supervising all construction activities including providing technical inputs for methodologies of construction & coordination with site management activities.
- Ensuring that the equipment/materials received are in accordance with the quantity & quality as well the boring log and location on site.
- Handling measurement/ billing procedures.
- Survey Data Specialist & Survey Cadd Map & Layout preparation.

PROJECT INVOLVED FOR PROJECT PLANNER / SCHEDULER:

- Public Authority for Electricity and Water – Muscat, Oman
- Infrastructure Project in Ministry of Transportation and Communication, Muscat Oman.
- Benghazi International Airport Project – Libya – SNC Lavalin

- Laying of Gas Pipe in Industrial Area, Doha Qatar
- Aviation Facilities of Saudi American Oil Company as Asst. Facilities Planner
- Multi Storey Building project in Oman

PROJECT INVOLVED FOR CLAIMS & QUANTITY SURVEYOR:

- ORE PROCESSING PLANT & 270 KM RAILWAY for African Minerals Ltd in Sierra Leone with Cost US \$ 1 Billion
- WATER DESALINATION OF YANBU and YANPET under Parson Internationals Ltd.
- ARAMCO PUMP STATION 1, 4, 6 7, 8 & 10 in Arabian American Oil Company in Saudi Arabia
- WASTE WATER TREATMENT PLANT & Distribution in Abuja Nigeria under AIM Consultant Ltd. – US \$ 150M
- ROSEIRES DAM PROJECT in South Sudan for SMEC International.

PROJECT INVOLVED FOR COST CONTROLLER:

- Jeddah Sewerage Drainage project for AECOM
- 270 km Railway Project in Sierra Leone for African Minerals Ltd.
- Ore Processing Plant in African Minerals Ltd – Sierra Leone
- USAID Project in Afghanistan – Kabul – Kandahar Road Project
- Waste Water Treatment Plant & Distribution in Abuja Nigeria.
- Public Authority for Electricity & Water in Oman under Driver Consult Ltd.
- BRT – Bus Rapid Transit in Tanzania under SMEC International.

PROFESSIONAL EXPERIENCE:

7/01/2017 to Present – Cost / Scheduler Engineer A J Virgilio Construction Inc. 86 Summit Lock Road Westfield, Massachusetts,

- * Preparing the multiple project work schedule and cash flow of the company associated with man-hours and Cost Loading.
- * Develop & prepared the Cash Flow, Bar Chart and S – Curve based on the work project schedule.
- * Review, Comments and Recommendation regarding the work accomplished for billing purposes.
- Responsible of Project Management for submittal baseline program and recovery program by the Contractor.
- Prepared the work breakdown structures of the project with labor, equipment and materials.
- Review, Comments and recommendation to put the project into time of duration as well within the budget contract.
- Monitored the critical path, make the recommendation based on the Risk Management analysis which identify the cause of the critical path.
- Development of cost control, budget preparation, project business plan and all relevant formats per management system procedures.
- Monitoring of progress of works against the planned schedule and baseline as well critical path

05/2015 TO 04/2016 Senior Planning Engineer Driver Consult LLC: - Muscat, Oman

- The project comprised the construction of 6 lanes double carriageway highway as called Batinah Expressway. Prepared some additional road design and infrastructure like culvert, drainage & other.
- Responsible of Project Management for submittal baseline program and recovery program by the Contractor.
- Review, Comments and recommendation to put the project into time of duration as well within the budget contract.
- Monitored the critical path, make the recommendation based on the Risk Management analysis which identify the cause of the critical path.

- Project Consultancy to BUNYAN Management for the Innovation Park Muscat for the research Council a multi-disciplinary building project.

**04/2014 to 04/2015 Senior Cost Engineer
AECOM Arabia Ltd. Jeddah, Saudi Arabia**

- Jeddah Storm Water Drainage Project comprised the construction of Dams, Saddle Dams, Spillways, Channels, Sub-channels of rectangular and trapezoidal type bridges drainages. Reinforced concrete box culvert and asphalt concrete roads. Associates with design department for project estimates and preparation of project cost analysis and cash flow.
- Responsible for cost ageing and monthly cost report for the company management and the client.
- Preparation of project management deliverables budget matrix of every project of the company.
- Also assisting in the preparation of project design, estimates & schedules for other projects of the company.

**05/2012 to 12/2013 Senior Planner
Driver Consult LLC – Muscat Oman**

- Assigned to Public Authority of Water & Electricity in Oman as Planner, Land Transportation & Communication for Senior Planning Engineer.
- The work comprised various project of PAEW & MOTC such as electricity & water distribution and road infrastructure, design. estimates, quantification of excavation, grading plan for project respectively.
- Responsible for the reviewing and analyzing the cost and planning schedule for the actual progress on site by the contractor if it is on time and within the budget of the project.
- Prepared the monthly planning and cost report comparing to the baseline and cost contract of the project.
- Providing management support to PAEW Director in monitoring schedules,
- Maintaining and updating the project database.

**04/2011 to 04/2012 Sr. Cost & Quantity Engineer
African Minerals Ltd. – Freetown - Sierra Leone**

- The project comprised various infrastructures such as roads and 270 km railways, including the design, construction and rehabilitation of bridges, drainages system, and ore processing plant.
- Responsible for checking the contractor's invoices, preparing and maintaining construction and financial progress database for projects by using SAP.
- Preparation of price analysis, budget cash flows and contract variations, including work estimates.
- Allocation of works into categories and cost control for the work changes.

**05/2010 to 03/2011 Senior Cost / Planning Engineer
SNC Lavalin – Benghazi Libya**

- The main project company system procedures comprised the Benghazi International Airport and Benghazi Lake Development.
- Responsible for the preparation of unit cost analysis, / project schedule and BoQ for various work of the project.
- Development of cost control, budget preparation, project business plan and all relevant formats per management system procedures.
- Monitoring of progress of works against the planned schedule and baseline as well critical path.
- Compulsory repatriation due to peace and order situation.

**07/2009 to 04/2010 Sr. Cost & Quantity Surveyor
SMEC International Ltd. – Khartoum, Sudan**

- The main project is rehabilitation of Rosieres Dam in Sudan, including the heightening and expansion of waterways.

- Checking, reconciling, of subcontractors account, monitoring and controlling variations.
- Preparing measurement, cost estimating, of detailed breakdown, change orders and additional works.
- Checking, reviewing, and initial approvals of the payment certificate as well measurement sheet of the contractor.
- Preparing the cost comparison (Planned & Actual) monitoring of cost development for submittal and reporting to the Client.

**02/2008 to 06/2009 Team Leader / Sr. Quantity Surveyor
Construction & Industrial Equipment – Castries, Saint Lucia**

- Foreign funded Road project in Saint Lucia, West Indies.
- Responsible for the preparation of project dossier proposal of the company, cost estimates, and works program.
- Preparing the monthly payment certificates of other projects for submittal to the consultant and client.

**12/2006 to 01/2008 Quantity Surveyor
Combined Group Company – Doha, Qatar**

- Infrastructure project for Industrial Estate in Doha, Qatar.
- The project was industrial estate for the Ministry of Industrial Estate for roads, electrical, water distribution, sewerage water pipe and power plant.
- Responsible for the preparation of monthly payment certificates based on work accomplishment, quantity measurement at work site.
- Cost detailed analysis, monitoring of materials status and work progress.

**08/2005 to 09/2006 Senior Quantity Surveyor
Strabag International GmBH – Benghazi Libya**

- The project comprised double carriageway of Ministry of Roads and Transport.
- Responsible for the preparation of work breakdown structures and analysis.
- Preparing measurement, cost estimates, payment certificates based on work accomplishment on site.
- Preparation and submittal of daily accomplishment report and monthly progress report status of the project.

**04/2004 to 07/2005 Cost & Quantity Surveyor
Wilbros International (Nigeria) Ltd. – Lagos Nigeria.**

- Onshore Platform for Exxon Mobil Company in Nigeria
- The project was Asasa – Asabo Uplift pipeline project.
- Preparation of quantity measurement , cost estimate, detailed breakdown of changes orders, and additional works.
- Checking, reviewing, and initial approval of the subcontract and preparing the payment certificate for submittal.

**02/2003 to 07/2003 Cost & Quantity Surveyor
Louis Berger Group, Inc. – Kabul, Afghanistan**

- 550 km – Kabul – Kandahar Rehabilitation Road Project.
- Responsible for checking, reconciling subcontracts accounts, monitoring and controlling the variations.
- Preparing the cost comparison (planned & actual) for monitoring of cost development.
- Preparation of Monthly progress and cost report to submit in head office.

**03/1999 to 11/2002 Senior Road & Infrastructure Engineer
AIM Consultant Ltd. – Lagos, Nigeria**

- Road Design & monitoring of road project.

- Responsible the roads & infrastructure department of the company in terms of design, preparation of bidding, quantity calculations, as well the project supervision in construction period.
- Coordinate with the Client on project proposals, design, implementation and supervision.
- Trained other technical staff of the company in different aspect of engineering principles and techniques.

**06/1997 to 02/1999 Scheduler / Office Engineer
Shinsung Engineering Corporation
P 1.0 billion) Foreign Funded-International Monetary Fund**

- Korean Construction company working in Davao – Bukidnon Road rehabilitation funded by the World Bank to Department of Works & Highways.
- Responsible for the planning and design department
- Introduced the Generic and Survey 4 program for the technical & design aspect.
- Supervision of all technical staff in the office as well in the field.
- Coordination with the consultant for project implementation methoddodly, project coordination and design.

**08/1992 to 03 /1993 Survey Computer Data Specialist
Saudi Arabian Parson's Ltd.**

- Management Services Contractor of the Royal Commission of Yanbu, a special hoverment agency of Saudi Arabia.
- Responsible for the planning and checking of the technical data of lots coordinates and prepared the Lot Coordinates Diagram (LCD) data for the preparation of Land Title.
- Coordinate with planning department for all projects that the contractors, that data using for sitting has approved by our department, Survey Department.
- Transferred to Royal Commission after Parson's finished the Management Services Contract.

**07/1991 to 07/1992 Chief Planner / Project Coordinator
Telecom Radioelectrique Telephonic – Paris, France
Manila, Philippines**

- Responsible for the engineering drawing for telecommunication lay-out for Municipal Telephone project.
- Inspect and supervised the civil works of the contractor during site implementation and installation base on the contract.
- Managed and supervised the technical personnel for daily accomplishment.

**09/1985 to 04/1991 Assistant Planner / Computer Survey Draftsman
Al Jehat Company**

- Responsible for the preparation of drawing required by the Facilities Engineer in all area of pump station, rig area, offshore, and onshore facilities.
- Prepared and design of aircraft runaway for non-pavement, for boieng 737, Fokker 22, & DHC 6 with the specification of federal Aviation Administration.
- Coordinate to Saudi Engineers for modification and proposal for major and minor project within Aviation department.
- Assigned in different company as manpower supply like Aramco and other as Survey & Computer consultant.
- Responsible for the preparation of drawings required by the client using computer survey program that generated survey data from the field.

**05/1982 to 05/1985 Cartographer
Technology Resource Center – Manila, Philippines**

EDUCATION

1982 Bachelor of Science in Civil Engineering
National University – Manila, Philippines

2005 Construction Project Management
Project Management – Manila, Philippines

AFFILIATIONS

National University Alumni Civil Engineering Organization – 1982
Construction Project Management – Philippines
Society of Saudi Engineers