

Sunil Sunil.368051@2freemail.com

# Objective

Mechanical Engineer seeking a full-time opportunity with an established, goal-oriented, purpose-driven organization with scope for career advancement and professional development

# Education

## Bachelor of engineering | 2004 | v. t. University, Karnataka, INDIA

* Major: Mechanical

# Skills & Abilities

* Good Understanding of Engineering Fundamentals.
* Result-driven, project oriented professional.
* HVAC system design
* Exceptional interpersonal communicator
* Creative thinker & analytical problem solver
* Decisive, energetic, focused team player
* Safety & Quality conscious

# Experience

## sr. estimation engineer(hvac)

## al shirawi elec & mech Engg co. llc | nov 2009-april 2017

* Study/Review of tender documents, scope of work, drawings, BOQ, specifications, client’s requirements, etc. from the tender documents for proper estimation works.
* Prepare technical queries for ambiguities in drawings, specifications, BOQ or any missing information.
* Prioritize RFQ’s that require more time to get quotation & major cost items.
* Prepare and send RFQ for all items to the approved suppliers in tender documents.
* Quantity take-off using approved ISO formats.
* Follow-up with suppliers/subcontractors for quotation, clarify their queries if any & arranging a meeting if required.
* Technical evaluation of suppliers/subcontractor quotation as per tender requirements.
* Prepare cost estimation in-line with tender documents & discuss with Estimation Manager to finalize the selling price.
* Prepare quotation along with qualifications, assumptions, exclusions, if any.
* Prepare value engineering options as and when required by client/consultant.
* Once the job is awarded, prepare all the tender documents along with cost estimation sheet and hand-over to planning/project team.

## Hvac Project Engineer

## AL SHIRAWI ELEC & MECH ENGG CO. LLC | july 2008 – oct 2009

* Study of drawings and preparation of quantity from construction drawings.
* Preparation of program for HVAC works based on civil program.
* Project co-ordination with other services viz. structural, architectural, electrical, and plumbing prior to preparation of HVAC shop drawings.
* Study of A/C Equipments and Materials, preparation of technical submittals in accordance with consultant’s specifications.
* Making complete study of all contract specification and drawings, preparing RFI's in case any discrepancy.
* Design check of ducting and piping systems while preparing Shop Drawing.
* External Static Pressure (ESP) Calculation for selected of Fans, FCUs, etc.
* Pump Head Calculations for selection of Pumps.
* Checking the selection of various equipments.
* To co-ordinate with the purchase department for the procurement of approved equipments and materials.
* Manpower analysis and distribution of activities as per program.
* Preparation of inspection request for consultant review and approval.
* Co-ordinate with other services for the execution of the project.
* Preparing Monthly Invoices against work done and material supplies.
* Preparation of pre-commissioning of the system prior to the third-party testing and commissioning.
* To co-ordinate with the third party for the testing and commissioning report.
* Preparation of As-built drawings.
* Preparation of O & M Manuals

# Project Executed

* G+1 School @ Rashidiya for Engineers Office / KHDA.

Consultant: M/s Arif & Bintoak.

MEP Contractor: M/s Al Shirawi Elec & Mech Engg Co. LLC

Main Contractor: M/s Al Rostamani Pegel LLC

The project consists of 3 Chillers of 130 TR capacity, 10 AHUs, 01 FAHU with Heat Pipe, 10 FCU, 4 Primary Chilled Water Pumps and 2 Secondary Chilled Water Pumps & DDC based control system.

* G+1 School @ Al Barsha for Engineers Office / KHDA.

Consultant: M/s Arif & Bintoak.

MEP Contractor: M/s Al Shirawi Elec & Mech Engg Co. LLC

Main Contractor: M/s Al Rostamani Pegel LLC

The project consists of 3 Chillers of 130 TR capacity, 10 AHUs, 01 FAHU with Heat Pipe, 10 FCU, 4 Primary Chilled Water Pumps and 2 Secondary Chilled Water Pumps & DDC based control system.

* G+1 School @ Al Warqaa for Engineers Office / KHDA.

Consultant: M/s Arif & Bintoak.

MEP Contractor: M/s Al Shirawi Elec & Mech Engg Co. LLC

Main Contractor: M/s Al Rostamani Pegel LLC

The project consists of 3 Chillers of 130 TR capacity, 10 AHUs, 01 FAHU with Heat Pipe, 10 FCU, 4 Primary Chilled Water Pumps and 2 Secondary Chilled Water Pumps & DDC based control system.

* G+1 School @ Muhaisnah for Engineers Office / KHDA. Consultant: M/s Arif & Bintoak.

MEP Contractor: M/s Al Shirawi Elec & Mech Engg Co. LLC

Main Contractor: M/s Al Rostamani Pegel LLC

The project consists of 3 Chillers of 130 TR capacity, 10 AHUs, 01 FAHU with Heat Pipe, 10 FCU, 4 Primary Chilled Water Pumps and 2 Secondary Chilled Water Pumps & DDC based control system.

## Hvac Engineer

## trinity engineering services LLC | feb 2006 – sept 2007

* Arranging of delivery of material / manpower to the site
* Finalizing of Sub-Contractor and issuing of Sub Contracts, if required
* Coordinating with Main Contractor for site / material inspections
* Ensuring that works carried out are as per approved drawing and submittals
* Ensuring that the work program is followed, and preventing delays
* Making necessary documentations / project communications to the suppliers / main contractor
* Report to Sr. Engineer/Project Manager about daily site progress/activity

# Project Executed

* B + G +M + 5F Comm. / Resi. Bldg., for Dubai Real Estate.

Consultant: M/s Bel Yoahah/ Ian Banham.

MEP Contractor: M/s. Trinity Engineering Services LLC

Main Contractor: M/s Al Shafar General Contracting

The project consists of 4 Chillers of 125 TR capacity, 286 FCU’s, 3 FAHU with Heat recovery wheel, 5 Chilled Water Pumps & DDC based control system for Big Building & 2 Chillers of 138 TR capacity, 232 FCU’s, 2 FAHU with Heat recovery wheel, 3 Chilled Water Pumps & DDC based control system for Small Building.