

ANAS K

MECHANICAL
ENGINEER



Personal Info

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Date of Birth

04-March-1991

Nationality

INDIAN

Passport No

H5141967

Visa Status

Residential Visa

Visa Expiry

17-05-2018

SKILLS

HVAC Design
Plumbing Design
Firefighting Design
Project Management
AutoCAD

Mechanical Engineer Having Experience of **More than 4 Years in Designing and Supervision** of All MEP services for the **High rise Buildings**.

Working Experience-1

Company : Al Mawarid General Contracting (Sharjah)
Position : MEP Engineer
Period Of Working : March 2016 (Still working)

Projects Involved

Mamzar 147(G+ 5 parking + HC+ 43 Typical + Roof) (600 Million Project)

RESPONSIBILITIES

- Checking material submittals for completeness, veracity of claims and conformance to project specifications.
- Checking shop drawings submitted (HVAC, Fire Fighting, Plumbing, Drainage) from the subcontractor for any flaws and getting them corrected in good time to ensure quality of submission to consultant.
- Review and close out of sample board submittal.
- Raising enquiries for the equipment's and preparing the commercial and technical comparison for the final approval.
- Providing daily and weekly reports to higher management about site activities and verify sub-contractors reports.
- Direct tracking of the MEP works to maintain the project schedule and the quality of the work in the same time.
- Conducting pre-inspection of MEP activities and liaising with the consultant for incorporation of any comments for timely IR acceptance.
- Review Consultant Design drawings and send Request for information (RFI) for any missed information related to MEP installations.
- Design Review and Preparation of Drawings With respect To Pipe Sizing And outing, Duct Sizing, Pump Head Calculation, And Any Other Necessary Changes. (If Required)
- Verify ESP Calculation of AHU, FCU, and Staircase Pressurization Fans & Extract Fans using McQuay Duct sizer, ASHRAE Duct fitting database & ASHRAE Handbook.
- Verify Chilled Water& Condenser pump head calculations.
- Responsible for the coordination, planning and scheduling of all MEP activities for proper flow of work on site on behalf of the Main contractor and controlling clearances to civil.
- Responsible for the coordination, planning and scheduling of all MEP activities for proper flow of work on site on behalf of the MEP contractor.
- Raising enquiries for the equipment's and preparing the commercial and technical comparison for the final approval.
- Reply on the Queries and Requirements coming from Sub-Contractor.
- Co-ordination (Co-ordination with client, architect, electrical & utilities depts., interior designer, vendors, contractors and other agencies) to sort out Engineering & Coordination issues for MEP services.
- Providing support for site MEP services to carry out construction activities without any Delay and ensuring on the other hand quality of MEP work is not compromised.
- Coordinating with the Subcontractor for Consultant Requirements to get timely approval.
- Close out of Inspection and Test report (ITR) and Material Inspection report (MIR).
- Ensuring effective site management and discipline to ensure safe execution of the projects.

SOFTWARES

AutoCAD
Pro-Engineer
HAP
MS Office

Languages

English
Hindi
Malayalam

References

Available Up on Request

- Raising of NCRs and ensuring proper co-ordination of documents within the department.
- Execution of Project as Per Required Specifications and Solving Of Unexpected Changes and Problems.
- Ensure client satisfaction with construction supervision services.
- Co-ordinating between different sub-contractors and contributing to solution of design related issues.
- Trying to minimize NCR (Non-compliance Reports) and working for conflict resolution in accordance with the industry standards.
- Check and inspect all the material in the store , site.
- Analyze and assist any field construction issues and proposes recommendations and solutions.
- Attended project, site progress and any Mechanical services related technical meetings
- Assisting the drafts engineers.
- Documentary works at the office.
- Evaluation of the payment certificates.

Working Experience-2

Company : Acces Refrigerations @ Bangalore
Position : HVAC Engineer
Period Of Working :December 2014 to September 2015

Projects Involved

- Summer Field (For Prestige Groups Of Constructions[VRV Type-820 HP Capacity])
- Gainz (For Purvankara Group Bangalore[Ventilation Work For Basement And Toilet Exhaust For 8 Floors])

RESPONSIBILITIES

- Execution of Project as Per Required Specifications.
- Ensure that all HVAC site activities are conducted under controlled conditions as per shop drawings, method statements, and specification and work plan.
- Providing daily and weekly reports to higher management about site activities and verify sub-contractors reports.
- Procurement of mechanical items for project.
- Coordinate the suppliers to get sufficient documents for material submittal.
- Check the consultant comments rectify them.
- Co-ordination of HVAC works with civil.
- Site Meeting with consultants and clients.
- Schedule HVAC works and Co-ordinate Client /Consultant / Sub-contractors / Suppliers and Follow-up for Work progress.
- Coordinate the suppliers to get sufficient documents for material submittal.
- Supervise the group of workers including foreman and labors to accomplish task on time.
- Co-ordinate with sub-contractors.
- Inspection of HVAC items such as VRF units, dampers, filters, grills and diffusers, fans etc. before installation in site and get approval from consultant.
- Guide the draft man to prepare as built drawings and review.
- Coordination of various HVAC Ducting system such as Supply, return, fresh air, toilet exhaust, kitchen Ensuring the functionality, material specifications, user requirements etc. are reflected in the drawing & exhaust, stair pressurization and ventilation system with other services.
- Documents produced for the Capable of projects.
- Submission of Shop Drawings and Calculations to get approval from consultant.

Working Experience-3

Company : Elmek Solutions, Kerala
Position : HVAC Design/Estimation Engineer
Period Of Working : August 2013 to September 2014

Projects Involved

- Extension Work of MIMS(Malabar Institute Medical Science) Kottakkal, Kerala-Water cooled Chiller
- Peacock Hotel(on going Project)[Hotel cum indoor stadium]
- Ajfan Hotel Kottakkal, Kerala- VRF System(62 HP machine)

RESPONSIBILITIES

- Thermal load estimations by using HAP software.
- Ventilation (Fresh & Exhaust air) requirements as per ASHRAE.
- Achieve required air balance between adjacent spaces or zones and required air pressurization inside each space according to ASHRAE.
- Ducting layout and duct sizing by using McQuay Duct Sizer.
- Ventilation (Fresh & Exhaust air) requirements as per ASHRAE.
- Determine Required Capacity & Type of AC Required.
- Prepare Concept Designs & Design basis Report with Recommendation of Suitable
- AC system With analysis of option including cost benefit analysis
- Prepare BOQ
- Assist Client in Tender Evaluation & vendor selection
- Preparation of Drawing with the Help of the seniors.
- Site visit with seniors.
- Comparing AHU's and FCU's Submittals from suppliers for Selection.
- Verifying Contractor's running bills.
- Preparation of general and technical tender documents.
- Timely completion of projects including testing & Handling over of HVAC systems & AS-Built Drawings.

EDUCATION QUALIFICATION

BACHELOR OF TECHNOLOGY-4 YEAR TECHNICAL QUALIFICATIONS

Field of Study : Mechanical Engineering
Period : 2009-2013
Institute : College Of Engineering Trivandrum
University : Kerala University
CGPA :7.75

CERTIFICATIONS

- Professional MEP Training in HVAC
- Professional MEP Training in Plumbing and Fire fighting

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