***Personal Details:*** - Date of Birth: 25-06-1973

 - Nationality: Eritrean

 - Marital Status: Married

 -

***Summary:*** MEP Engineer with more than 10 years of progressive experience specializing in

 Design and supervision of building HVAC, plumbing and fire protection system; selection

 of equipment, preparation of bill of quantity, cost estimating, and commissioning.

***Education: -*** **Bachelor of Science in Mechanical Engineering (BSc. Eng.)**

 University of Asmara,

 (September 1996 - July 2002)

 - HVAC and Plumbing Training and seminars.

 ***Key skills:*** - Profound knowledge of HVAC equipments (chillers, AHU, FCU, Air terminals, e.t.c..)

 - Extensive knowledge of current design concept, installation and supervision

 - Demonstrated record of completing projects on schedule and within budget.

 - Ability to work effectively in a team and perform consistently in a varied environment

 and under pressure.

 - Exceptional oral and written communications.

***IT skills: \**** Drafting: AutoCAD 2013-2D; Revit MEP 2012,

 **\*** HVAC Software: HAP, VRF, Ductsizer.

  **\*** Spread Sheet: Microsoft Excel,

  **\*** Word Processor: Microsoft Word

 **\*** Presentation and Layout: MS PowerPoint, MS Photo Editor & Photo Paint.

***Professional Experience and Employment***

***1. SANMECH***

***Jan. 2009-June 2014: POSITION:*** **MEP Design Engineer, and Installation Supervisor*.***

 ***EMPLOYER:* SANMECH CONSULTS P.L.C**. (Ethiopia, Addis Ababa.)

 Period Covered: January 2009-June 2014

 ***JOB DESCRIPTION:***

 - Making cooling load calculation using hourly analysis program (HAP).

 - Selection of mechanical equipments (chiller, AHU, FCU, Air terminal) for HVAC system.

 - Preparation of duct layout and duct sizing for air supply, return, toilet and kitchen hood

 duct system.

 - Preparation of pipe layout and pipe sizing for chilled water and condensate piping system.

 - Preparation of pipe layout and then pipe sizing for the system based on fixture water

 loading and drainage fixture units (DFU).

 - Preparation of pipe layout and pipe sizing for Fire Protection System (hose reel, sprinkle)

 - Selection of plumbing mechanical equipment and plumbing components (pumps,

 water heater, valves, fittings e.t.c…) for system.

 - Preparation of Bill of quantity and cost estimating.

 - Preparation of technical specification,

 - Installation supervision of various building MEP projects.

 ***SOME OF THE PROJECTS*** ***HANDLED:***

 - Ethiopian Airlines Headquarters office building, High Budget building.

 - Hawassa Regional Laboratory;

 - Juba Shopping Mall, South Sudan.

 - United Bank Headquarters office building, High rise building (4 bas.+G+33).

 - Ethiopian Peace Support (PSO) building, Addis Ababa.

 - Maritime Headquarters office building, Addis Ababa.

 - Commercial Bank of Ethiopia, Megenagna Branch, High rise building

 (3bas.+G+12).

***2. GEDECC***

***Apr. 2003 – Oct 2008: POSITION:*** **HVAC and Plumbing Design Engineer and Installation Supervisor**

 ***EMPLOYER:* General Development, Engineering Consulting Company (GEDECC)**

 (Eritrea, Asmara);

 Period Covered: April 2003 – October 2008;

 ***JOB DESCRIPTION:***

- Making cooling load calculation using hourly analysis program (HAP).

 - Selection of mechanical equipments (chiller, AHU, FCU, Air terminal) for HVAC system.

 - Preparation of duct layout and duct sizing for air supply, return, toilet and kitchen hood

 duct system.

 - Preparation of pipe layout and pipe sizing for chilled water and condensate piping system.

 - Preparation of pipe layout and then pipe sizing for the system based on fixture water

 loading and drainage fixture units (DFU).

 - Preparation of pipe layout and pipe sizing for Fire Protection System (hose reel, sprinkle)

 - Selection of plumbing mechanical equipment and plumbing components (pumps,

 water heater, valves, fittings e.t.c…) for system.

 - Preparation of Bill of quantity and cost estimating.

 - Preparation of technical specification,

 - Installation supervision of various building MEP projects.

***3. Even Plumbing Center***

***Jan.2004 – Oct.2008: POSITION:* Tutor of HVAC Engineering courses.**

 (On part- time bases);

 ***EMPLOYER:*** Even Plumbing Center, Eritrea, Asmara

 Period Covered: Jan. 2004 – Oct. 2008;

 ***JOB DESCRIPTION:***

 - Conduct theoretical and practical lectures on “Principles and Application

 on Refrigeration and Air conditioning System.

***Language Spoken:*** - English: Excellent Reading, writing and Speaking.

 - Tigrigna: Fluent spoken (mother tongue)

 - Amharic: Fluent spoken.

***Certification:*** I, the undersigned, certify that to the best of my knowledge and belief, these bio-data

 correctly describe my qualification, my experience and myself.

 

**Gulfjobseeker.com CV No:** **27612**