AMENDMENT

JOB OPPORTUNITY ANNOUNCEMENT
AVIANO AIR BASE, ITALY
NON-U.S. APPROPRIATED FUND POSITION

ANNOUNCEMENT NO. 41-21   **OPENING DATE: 14 June 2021**
                                                 CLOSING DATE: Open till filled

Applications are being accepted for the position listed below. When applying, refer to this announcement by number. For further information, contact the Aviano Civilian Personnel Office (CPO) at DSN 6328328 or commercial 0434308328. The Application Form U-A714 can be downloaded from the CPO website www.31fss.com/force-support/civilian-personnel-section by clicking on "Forms and Information"; the application form will be found at the bottom of the list of document. It will need to be filled out and e-mailed with pertinent documentation to the following address: 31fw.LNstaffing@us.af.mil. Applicants will need to ensure they receive an e-mail from the Aviano CPO indicating that the documentation has been acquired; otherwise they will need to call commercial 0434308328.

TITLE, SERIES, GRADE AND SALARY: Mechanical Engineer, Q-0810-Q2
                                  (Permanent – 40 hours per week)

Q-Q2	BP	pm euro	1.489,73
	3EL	pm euro	1.398,95
	CONT	pm euro	534,66

LOCATION: 31st Civil Engineer Squadron, Operations Flight, Maintenance Engineering Element/CEOER, Aviano Air Base, Italy

MAJOR DUTIES: The primary purpose of this position is to serve as a professional mechanical engineer performing operations and maintenance (O&M) engineering duties in support of a military installation. Performs planning and design work for substantial sustainment, modernization, repair, improvement, renovations and construction projects for real property facties, including fire alams, fire suppression and utility systems, utilizing a professional knowledge of mechanical engineering. Prepares, develops or reviews Architectural & Engineering (A&E) designs, design calculations, cost estimates, schedules, underlying analysis, technical drawings and specifications related to a wide variety of projects and mechanical systems, to include plumbing (potable water and sanitary sewer); heating, ventilation and air conditioning (HVAC); fire suppression, control and alarm systems; Industrial Internet Control Systems (IICS) and other systems of major size and complexity for use in multi-story office buildings, large steam plants, hospitals, hangars, flight simulators and similar structures. Work requires the adaptation of standard mechanical engineering practices on more complex features. Projects are of considerable difficulty, containing combinations of unusual features, requiring significant departures from previous approaches. Evaluates design objectives and identifies most economical and efficient procedures for building and utility mechanical design and performance, considering all functional and aesthetic requirements. Applies standard mechanical engineering theory and practices to assess engineering solutions without technical instruction or guidance and identifies limits of the problems involved. Performs O&M engineering involving design and construction that encompasses the maintenance, repair, upgrade and operation of infrastructure facilities, including fire alarm systems, fire suppression and detection systems and utility systems, utilizing professional knowledge of mechanical engineering. Regularly inspects, surveys, assesses and analyzes facities to identify and project deficiencies for incorporation into the infrastructure maintenance and restoration plans to counteract wear from use and

aging and ensure code compliance of infrastructure facilities/utilities. Utilize mechanical engineering techniques and processes to decipher installation and program requirements into engineering solutions. Support or serves as Activity Management Plan (AMP) Manager responsible for developing short and long range facilities and infrastructure priorities and requirements. Plans, programs, budgets and executes required projects in support of assigned programs. Uses cost estimating tools to produce government estimates, program projects and compete for funding in Air Force corporate processes. Assesses validity, feasibility and impacts (economic, environmental, etc.) of short and long range plans, projects and base development actions, and integrates with overall installation plans. Performs or supports requirements programming for a variety of programs such as O&M, MILCON, non-appropriated fund (NAF), military family housing (MFH), etc. Manages projects for new construction, renovations and improvements to real property facilities and maintains surveillance over in-house labor or construction contractors utilizing a professional knowledge of mechanical engineering and knowledge of other engineering disciplines to ensure overall compliance with project requirements. Applies professional mechanical engineering theory and practices and knowledge of other engineering disciplines to assigned projects. Utilizes mechanical engineering techniques and processes to translate complex project or program requirements into engineering solutions. Checks or reviews work on projects for quantities, cost, accuracy, completeness, agreement between architectural and engineering elements, sketches and specifications. Work includes a wide variety of fund sources and scopes including sustainment, repair, modernization, energy, etc. Provides consulting services and project coordination. Coordinates life cycle pans, operations and maintenance initiatives and projects with other engineers in a variety of disciplines, architects and planners as well as contracting officers, tenant organization representatives and construction agents such as from private contracting companies, Army Corps of Engineers, etc. Collects data and evaluates factors which affect the application of concepts, priciples, theories and methods required to observe, examine, measure, analyze, map and describe physical and technical features and phenomena. Complies with health, safety and environmental rules and procedures and performs work in a manager that enhances the safety of the work environment.

Reference Office of Personnel Management (OPM) Qualification Standards

QUALIFICATIONS: Interested applicants must possess professional knowledge of engineering principles and concepts acquired through a "Laurea del vecchio ordinamento" or "Laurea di secondo livello" in the specific discipline i.e. "Ingegneria Meccanica", plus 1 (one) year of specialized experience which has equipped the applicant with the particular knowledge, skills, and abilities to perform the duties of the position to be filled, such as: 1) Professional knowledge of mechanical engineering concepts, principles and practices and familiarity with architectural and other engineering disciplines; 2) Knowledge of a broad range of engineering and construction standards, methods, practices and techniques, materials and equipment to determine compliance with federal, state and local codes and regulations; 3) Knowledge of automated data processing concepts, systems capabilities and economic usage to effectively accomplish assigned functions; and knowledge of program planning and budgeting cycles, financial control and budget systems and management; 4) Knowledge of aesthetic and functional design techniques and skill in preparing project documentation, to include preliminary drawings, sketches and construction drawings; 5) Ability to plan and organize work and coordinate with other engineering disciplines.

Excellent command of the English language is required, subject to testing.

Applicant must possess a valid Italian Driving License type "B".

APPLICANTS MUST ENSURE THAT ALL QUALIFYING EXPERIENCE IS DOCUMENTED IN THEIR OFFICIAL PERSONNEL FOLDER. Submit an amendment with USAFE Form 10, if necessary. Experience which is not on file at the closing date of the announcement will not be considered.

EQUAL EMPLOYMENT OPPORTUNITY: All qualified candidates will receive equal consideration for this position without regard to race, color, sex, religion, national origin or physical handicap. The supervisor having jurisdiction over the vacancy will be responsible for selection.

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