CENTRAL CONTRA COSTA SANITARY DISTRICT  
5019 Imhoff Place  
Martinez, CA 94553  
Main: 925-228-9500  
Hotline: 925-229-7109

invites applications for the position of:  
Engineering Support Information Systems Analyst

**SALARY:**  
$6,600.00 - $7,989.92 Monthly

**OPENING DATE:**  
12/10/10

**FINAL FILING DATE:**  
02/18/11 05:00 PM

**THE POSITION:**
The Engineering Support Information Systems Analyst will join a team of eight, reporting to the Engineering Support Supervisor in the Capital Projects Division of the Engineering Department. This position will provide professional computer programming, computer systems analysis, Geographical Information System (GIS) analysis, Data Base administration, and computer systems administration services to the District’s Automated Mapping/Computer Aided Design Drafting/Geographical Information System (AM/CAD/GIS). The Analyst will work on all aspects of the AM/CAD/GIS. More specifically, key duties may include the following:

- Analyze, design, develop, and test stored procedures, triggers, views, and user defined functions; perform tuning of databases and stored procedures; Structured Query Language (SQL) security administration; establish/maintain policies, roles, profiles, users, etc.; establish, manage, monitor backups and restores; load software; and maintain, configure, and troubleshoot hardware.
- Perform advanced spatial queries using database and GIS software tools.
- Perform GIS implementation project management functions including project scoping, estimating, budgeting, technical support/review, and systems integration.
- Design and maintain spatial data layers and databases, modeling web-based GIS and enterprise Relational Data Base Management Systems (RDBMS), and program and implement user workflows to create and maintain spatial data.
- Customize existing GIS application software to meet the needs of the Engineering Support Group.
- Exercise direct and indirect supervision over engineering and facility mapping technicians.

**The Ideal Candidate**
This position requires an individual who can work independently as well as in a team environment and interact with a variety of staff in the organization. The ideal candidate for the Analyst position will have in-depth knowledge of GIS concepts and methods and hands-on experience in advanced GIS analysis and modeling, web-based GIS, and enterprise RDBMS. The ideal candidate will know:
• Engineering principles, practices, and specialized methods for the use of GIS to perform automated mapping and facilities management with specific knowledge of Esri products.
• AM/CAD concepts and practices as applied to engineering applications with specific knowledge of AutoCAD. Principles, practices, and methods related to cartographic design, coordinate systems, survey principles, and spatial operations.
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and be able to:

• Design and administer databases.
• Customize and develop computer programs that use various web application server packages.
• Clearly communicate technical concepts to superiors and subordinates.

For the complete job description, click here.

RECRUITMENT STANDARDS:
Any combination equivalent to experience and education that could likely provide the required knowledge and abilities would be qualifying. A typical way to obtain the knowledge and abilities would be:

Experience:
Two years of experience in performing digital utility mapping and geographic analysis and cartographic output and two years of experience in system administration for a networked system supporting an AM/CADD operation.

Education:
Equivalent to a bachelor's degree from an accredited college or university with major work in geography, planning, computer science, engineering, or a related field with coursework relating to GIS, computer science, and mapping. A master's degree in a related field may substitute for up to one year of experience required.

Licenses and Certificates:
May need to possess a valid California Driver's License as required by the position.

SELECTION PROCEDURE:
Applicants interested in applying for this position must submit a completed District application form and supplemental questionnaire to Human Resources (emails, postmarks, and faxes are not accepted). An application submitted without a completed supplemental questionnaire will not be considered. A resume may be included but does not substitute for a completed application and supplemental questionnaire. A screening committee will evaluate the qualifications of each candidate who has met the minimum requirements for this position. The highest-ranking candidates will be invited to participate in the examination process. Applicants meeting the minimum qualifications are not guaranteed advancement to the examination, and the decision of the screening committee is final. Applicants will be notified of the results of the review process.
Successful candidates not currently employed in regular status by the District must pass a pre-employment physical to be considered for appointment.

NOTE:
The information contained herein does not constitute either an expressed or implied contract, and these provisions are subject to change.

APPLICATIONS MAY BE FILED ONLINE AT:
http://agency.governmentjobs.com/cccst/default.cfm

OUR OFFICE IS LOCATED AT:
5019 Imhoff Place
Martinez, CA 94553
Main: 925-228-9500
Hotline: 925-229-7109
employment@centralsan.org

An Equal Opportunity Employer Encouraging Workplace Diversity
Employment at the District

The Central Contra Costa Sanitary District is headquartered 30 miles east of San Francisco in Contra Costa County. We serve eleven thriving communities, which together comprise a major regional industrial, commercial, and residential center in the Bay Area. "Central San" is a progressive sanitary district providing wastewater collection and treatment services to approximately 500,000 people in the central Contra Costa area. Located at the intersection of Interstate 680 and Highway 4, our Martinez-based facility has a treatment plant capacity of 53 million gallons per day. The District is committed to continuous improvement work processes in a team-based environment. Employees are expected to interact with their supervisors and co-workers as part of a team and contribute to a culture that values employee input and ideas for the benefit of the District ratepayers.

BENEFITS INCLUDE:

- Insurance: All three-quarter to full-time mid-management and confidential employees enjoy fully paid benefits dental, life, and long-term disability insurances. Employees have a choice of three medical plans which including vision and chiropractic. Kaiser and HealthNet HMO are full paid by the District and HealthNet PPO is partially paid by the District. Employees entitled to dual health coverage may receive an additional $200 in cash earnings per month in lieu of a second coverage.

- Retirement: District employees are members of the Contra Costa County Employees’ Retirement System (2% @ 55) with reciprocity to PERS. In addition to the employer contribution, the District pays 100% of the employee’s basic contribution.

- Leaves: The District offers liberal vacation and sick leave benefits as well as 13 paid holidays per year. Mid-management and confidential employees earn 24 hours of administrative leave annually. Part-time employees’ leave benefits are prorated.

- Deferred Compensation: The District does not participate in the Social Security System except for a mandatory Medicare contribution. Instead, the District contributes to a 401(a) Money Purchase plan an amount equivalent to the employer portion of contributions to the Social Security System (currently 6.2%) in addition to salary. The District also offers employees an optional Deferred Compensation 457 plan with a choice of three plans and savings and investment options.

- Cafeteria Plan: Mid-management and confidential employees are allowed $220 each month toward the selection of additional benefits. Part-time employees’ benefit is prorated.

- Other Benefits: Other benefits enjoyed by District employees include overtime, an employee assistance program, a tuition reimbursement plan, longevity compensation, a registration differential, a sick leave incentive program, retiree benefits, credit union privileges through the Contra Costa County Employees’ Federal Credit Union, and a comprehensive wellness program including an on-site gym facility.

EQUAL OPPORTUNITY, WORKPLACE DIVERSITY, AND REASONABLE ACCOMMODATION:

The District is Equal Opportunity Employer encouraging workforce diversity. All aspects of employment and promotion shall be without regard to race, religion, color, national origin, ancestry, marital status, age, gender, sexual orientation, physical or mental disability, or medical condition. The District encourages applications from qualified women and minorities. Reasonable accommodation will be made for disabled applicants to participate in the application and examination process. Please advise Human Resources of any special needs in advance of the application deadline and, if accepted for further testing, at least one week prior to the examination.
IMMIGRATION REFORM ACT:

The District is committed to employing only American citizens and legal aliens authorized to work in the United States. If employed, you will be required to submit verification of your identity and legal right to work in the United States pursuant to the Immigration Reform Act of 1986.

The information herein does not constitute either an expressed or implied contract, and these provisions are subject to change.