

TELECOMMUNICATIONS SYSTEM ENGINEER

Are you able to creatively develop small to mid-scale telecommunication systems in support of an innovative, high-tech city with a growing Economy? Then, consider joining Fremont, a City moving forward!



The first review of applications is **Noon on March 21, 2018**

Interested applicants are encouraged to apply today!



WHY JOIN THE CITY OF FREMONT TEAM?

Fremont is a well-managed and innovative city, and has recently generated national attention by placing in Money Magazine's top 50 "Best Places to Live 2016" in the country, and ranking 4th on the "Most Family Friendly" list of California cities by Estatefy. Located in the heart of the Bay Area and Silicon Valley, Fremont prides itself on innovation, green technology, a low crime rate, great schools, a low unemployment rate, quality parks and nearby open space, and an incredibly diverse population of over 231,664 residents. As a full service city, Fremont employs over 915 regular employees and has an annual operating budget of approximately \$190 million.

Fremont is an employer that values its people, creativity, quality service, integrity, open communication, collaboration, mutual respect, and diversity. Employees find their work challenging, yet rewarding, and most importantly, enjoy the chance to make a difference through public service. [Think Fremont!](#)

INFORMATION TECHNOLOGY SERVICES—WHO WE ARE

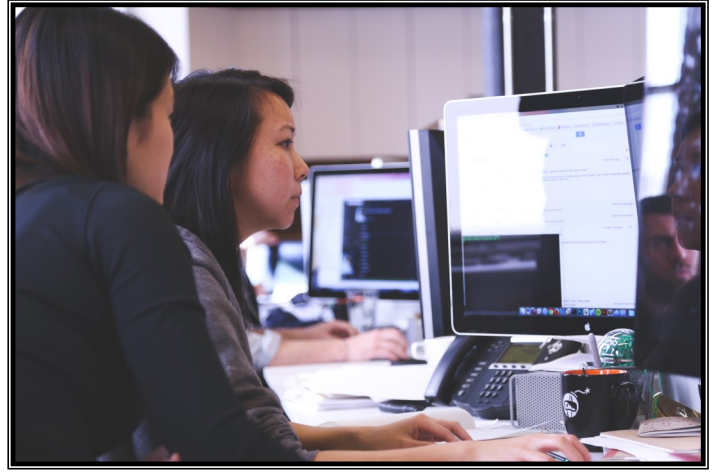
Our mission is to "deliver the best proven technology and services available for computer, data, telecommunications, mapping, and critical business systems to employees and the public through excellent customer service, continuous improvement, innovative problem-solving, adherence to standardized information best practices, and collaborative solutions." Our department is forward thinking in local government and was the winner of the Municipal Information Systems Association of California (MISAC) Quality IT Practices Award in 2011, 2012, 2013, 2014, 2015, and 2016.

WE'RE LOOKING FOR SOMEONE WHO HAS

You will thrive in this position if you have the ability to:

- Tackle complex problems with a positive can-do attitude
- Design and implement complex communication systems
- Work with internal and external customers to develop innovative solutions to communication concerns
- Introduce state of the art solutions to data communication needs
- Successfully complete a comprehensive pre-employment background check including, but not limited to, a Department of Justice finger print exam, and police administered polygraph.





WHAT YOU WILL DO

As an essential member of the Information Technology Services Department, the Telecommunications System Engineer will work across the City to perform problem solving and needs analysis to determine the best solution to telecommunication problems.

EXAMPLES OF DUTIES

- Design, plan and implement telecommunication systems including equipment, components, analog/data circuits, fiber optics; such systems include monitoring systems, audio/video systems, VoIP systems, fixed and mobile communications equipment including Wi-Fi.
- Prepare specifications for equipment, data circuits, and systems implementation to ensure adequacy of design features and compliance with general design and operational requirements.
- Contacts and coordinates the work of contract service providers in the physical installation, repair and modification of telecommunication and data systems for the City.
- Confer with staff to determine long term telecommunication or data communications needs and provides consultation in the maximization of telephony applications usage.
- Order and store equipment and stock.
- Installation, maintenance and repair of telecommunication and data communication systems.
- Evaluate new products for applicability to possible future City use.

EDUCATION AND EXPERIENCE

Any combination of education and/or experience that has provided the knowledge, skills and abilities for satisfactory job performance would be qualifying. A typical way to obtain the required knowledge, skills and abilities would be: a AA or AS degree in Computer Science, Information Systems or a closely related field, and four years of related experience. Experience with Mitel phone systems and knowledge of cabling specifications and building code as it relates to the installation of cabling is highly desirable.

LICENSES/CERTIFICATES/SPECIAL REQUIREMENTS

This classification requires the ability to travel independently within and outside the City limits and possession of a valid Class C California driver's license and safe driving record is required at time of appointment.

COMPENSATION AND BENEFITS

The salary for this position is \$87,666—\$106,559, depending on qualifications. A complete benefit summary can be found online at Fremont.gov or by selecting this link: [Benefits Summary](#)

This position is represented by the City of Fremont Employee Association (CFEA) bargaining group. The probationary period for this position is twelve (12) months.

HOW TO JOIN OUR TEAM

To be considered for this position, apply online by submitting a completed City application, resume and cover letter through our on line application system: www.fremont.gov/cityjobs

The test process for this position will include a variety of testing elements including, but not limited to, a written and/or performance exam, an individual and/or panel interview, polygraph and fingerprint check and other related components. Only those candidates who have the best combination of qualifications in relation to the requirements and duties of the position will continue in the selection process. Meeting the minimum qualifications does not guarantee an invitation to participate in the process.

REASONABLE ACCOMMODATION

Human Resources will make reasonable efforts in the examination process to accommodate persons with disabilities. Please advise Human Resources of any special needs a minimum of 5 days in advance of the selection process by calling (510) 494-4660. The City of Fremont is an Equal Opportunity Employer.

Tentative Recruitment Schedule

First Review: March 21, 2018, at Noon

Oral Interviews: Week of April 9, 2018

Follow-up Interviews: To be determined

18IT04 Posted March 2, 2018

HUMAN RESOURCES DEPARTMENT

City of Fremont

3300 Capitol Avenue, Building B

Fremont, CA 94538


Fremont



Telecommunications System Engineer- SUPPLEMENTAL QUESTIONNAIRE

GENERAL INFORMATION:

The completion of this supplemental questionnaire is required for your application to be considered and is an integral part of the examination process.

This supplemental questionnaire will be used to assess your experience as it relates to the position. Your responses will be evaluated and will assist in determining which applicants will receive further consideration in the examination process.

Your responses must be verifiable with the information on your application.

DIRECTIONS:

When you apply online you will be asked to respond to the following questions:

1. How many years of professional experience do you have working as a Telecommunications System Engineer?
 - None
 - Less than 1 year
 - 1 year to less than 2 years
 - 2 years to less than 3 years
 - 3 years to less than 4 years
 - 4 years or more
2. Describe the most complex Telecommunications system issue you resolved within the last two years.
3. Do you currently possess a valid Class C California Driver's License?
 - Yes
 - No
4. Describe your experience working with CAT6 cabling and fiber optic cabling.
5. Describe your experience working with network and cable testing equipment.