

1 [Emergency contract to design, furnish, and install microwave system communication
2 equipment along Hetch Hetchy.]

3 **Resolution approving an emergency public work contract under San Francisco**
4 **Administrative Code section 6.60, to design, furnish, and install a new microwave radio**
5 **system for Hetch Hetchy.**
6

7 WHEREAS, the City operates a fixed point-to-point microwave radio system on certain
8 frequencies within the 2110 to 2155 MHz band, utilizing such system for the voice and data
9 communications between Warnerville Switchyard, Moccasin Peak, Moccasin Powerhouse
10 repeater, Moccasin Powerhouse, Duckwall Mountain, Jones Point, and Early Intake
11 Switchyard, essential to the operation of the City 's electric utility and water delivery system,
12 on specified paths (the "Affected Paths"); and

13 WHEREAS, pursuant to ET Docket No. 00-258, the Federal Communications
14 Commission ("FCC"), reallocated and auctioned the 2110 and 2155 MHz frequencies,
15 including those used by the City, to commercial enterprises for use by emerging technologies
16 known as Advanced Wireless Services ("AWS"); and

17 WHEREAS, T-MOBILE has purchased the frequencies from the FCC, has advised the
18 City that the AWS systems may cause interference to the City 's Affected Paths and T-
19 MOBILE has requested that the City permanently vacate its licenses to operate in the Affected
20 Paths and relocate its operations onto other microwave frequencies available to the City or
21 risk interference and compromised communications on the Affected Paths; and

22 WHEREAS, on July 30, 2008, the General Manager declared an emergency, approved
23 by the President of the San Francisco Public Utilities Commission, to prevent the imminent
24 loss of dedicated City critical communication frequencies and the imminent breakdown of City
25 plants and switchyards, to safeguard the property of the City, and to maintain the public health

1 and safeguard the City 's communications system essential to the operation of the City 's
2 electric utility and water delivery system; and

3 WHEREAS, San Francisco Administrative Code, Chapter 6, Article IV, section 6.60,
4 authorizes department heads responsible for public work to award an emergency contract,
5 exempt from the competitive bidding process, in the event of an actual emergency which
6 includes, "The breakdown or imminent breakdown of any plan, equipment, structure, street or
7 public work necessitating immediate emergency repair or reconditioning to safeguard the lives
8 or property of the citizens; or the property of the City and County; or to maintain the public
9 health or welfare;" and

10 WHEREAS, Section 6.60(D) requires that the San Francisco Board of Supervisors
11 approve an emergency with an estimated cost in excess of \$250,000; and

12 WHEREAS, The General Manager of the Public Utilities Commission estimates that the
13 emergency work to provide a new microwave communication system will cost approximately
14 \$1.2 Million; now therefore be it

15 RESOLVED, That the General Manager of the Public Utilities Commission is
16 authorized to award an emergency contract under San Francisco Administrative Code section
17 6.60, and proceed with all work necessary to secure a fully functioning and operable
18 microwave communication system for voice and data communications between Warnerville
19 Switchyard, Moccasin Peak, Moccasin Powerhouse repeater, Moccasin Powerhouse,
20 Duckwall Mountain, Jones Point, and Early Intake Switchyard, with a total contract amount not
21 to exceed \$1.2 Million; and, be it

22 FURTHER RESOLVED, That the Controller has certified that funds are available for
23 this emergency contract; and be it

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