



Metropolitan  
Transportation  
Authority

One Gateway Plaza  
Los Angeles, CA  
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OPERATIONS COMMITTEE  
FEBRUARY 20, 2002

**SUBJECT: REPORT ON PROCUREMENT OF CHEMICAL GROUTING SERVICES AS AN IMMEDIATE REMEDIAL MEASURE**

**ACTION: RECEIVE AND FILE**

### **RECOMMENDATION**

Receive and File report to procure chemical grouting services as immediate remedial measure.

### **ISSUE**

An emergency purchase order was awarded to Hayward Baker, Inc. for chemical grouting services to repair water leaks in two locations in the Metro Red Line as an immediate remedial measure under Public Utilities Code (PUC) Section 130235 at a cost not to exceed \$166,000.

This report of the procurement is submitted in accordance with PUC Section 130235(b), which requires a full report to the Board of Directors of such procurements.

### **BACKGROUND**

This action was necessary to satisfy an immediate need to prevent damage to critical rail equipment from ground water, and to comply with an order to repair, issued by the State of California, Occupational Safety and Health Administration (OSHA), in order to operate Elevator # 103 located on the Alameda side of Union Station. This action also allows the same contractor to provide services to grout a ground water leak that was recently discovered at Universal Station. At the time of discovery, the MTA installed a gutter to divert the leak as a temporary measure.

The citation issued by Cal OSHA, describes a ground water leak in the machine room, which could damage the elevator machine equipment and cause it to malfunction. The MTA installed a berm as a temporary measure to mitigate the problem. State officials issued a temporary permit to operate the elevator with a promissory agreement that the MTA would permanently repair the leak in the immediate future. Failure to comply with the order could result in fines and the

elevator being taken out of service, which would impact disabled passengers and require extraordinary measures to comply with ADA requirements.

For this type of concrete work, in stations and tunnels, some water leakage is a natural consequence. Leaks that are near or on equipment in tunnels and stations, as well as in public areas, must be grouted to avoid damage and to ensure that rail facilities remain safe.

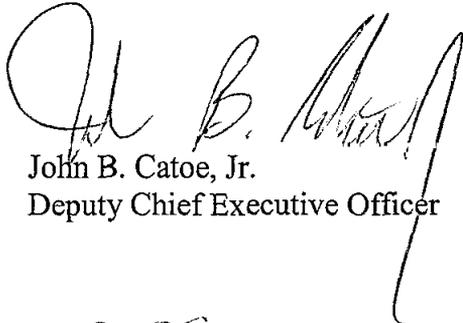
Although attempts have been made to divert the ground water, these efforts are to be considered temporary, since only the application of grouting materials will assure containment of the ground water.

Funds to pay for this service are included in Cost Center 3346, Rail Facilities Service, under project 200015, task 03.003.

**NEXT STEPS**

An ongoing grouting program is necessary to address water leaks in the Metro Red Line tunnels and stations and is included in the FY02 – FY06 Capital Improvement Plan. Staff is preparing a scope of work and specifications for a multi-year contract for ongoing services.

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