

ITEM	3
MANAGER'S REPORT NO.	70
COUNCIL MEETING	92/11/09

DATE: 03 Nov 1992

TO: CITY MANAGER

FROM: DIRECTOR ENGINEERING

FILE: 10-01-12

SUBJECT: WORK ORDER:

60-02-030 RADIO COMMUNICATIONS SYSTEM UPGRADE  
 60-60-040 OFFICE RENOVATIONS IN THE JUSTICE BUILDING  
 60-02-034 PAINT SHOP VENTILATION SYSTEM UPGRADE  
 60-30-085 CLYDESDALE/MYRTLE SANITARY SEWER BY-PASS  
 FORCEMAIN

PURPOSE: To obtain approval of Work Orders 60-02-030, 60-60-040, 60-02-034 and 60-30-085

RECOMMENDATION:

1. THAT work orders 60-02-030, 60-60-040, 60-02-034 and 60-30-085 as more specifically referred to in this report, be approved.

REPORT

60-02-030 Radio Communications System Upgrade

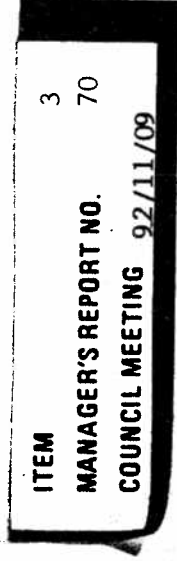
Charge: 1992 Capital Budget \$101,000  
 Engineering Vehicles & Equipment

Additional Information: Phase 1 of a program to upgrade the City's radio system network has recently been completed with the installation of a new repeater and antenna on the Rogers Cantel building in Metrotown. This work order provides funding for the final phase which consists essentially of the replacement of older radios and base stations, and the addition of one new base station to meet the increasing demands for radio communication. Many of the older radios have been in service since 1974 and replacement parts are no longer available. The proposed improvements would enable us to make maximum use of the new antenna and significantly reduce the level of interference on the radio communication network. Total costs are estimated at \$101,000, funding for which is available in the 1992 Recast Capital Budget under Code 02, Engineering Vehicles and Equipment.

60-60-040 Office renovations in the Justice Building

Charge: 1992 Recast Capital Budget \$100,500.  
 Municipal Hall Complex

Additional Information: Alterations are required at the Justice Building to create additional office space including female washrooms and wheelchair accessible counters in the RCMP detachment. Estimated costs of the renovations are \$100,500. Funding is provided in The 1992 Recast Capital Budget under Code 60, Municipal Hall Complex.



**60-02-034** Paint Shop Ventilation System Upgrade

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**Charge:** 1992 Capital Budget \$65,000  
Engineering Vehicles & Equipment

**Additional Information:** The 1992 Capital Budget includes provision for an upgrade to the paint shop ventilation system. The nature of materials and processes used in the paint shop requires an effective ventilation system which in the interest of health and safety, must be functional at all times. The existing system was reviewed by a mechanical engineering consultant who identified several deficient areas that need to be upgraded to meet the current ventilation standards. Total cost of the proposed work is estimated at \$65,000.

**60-30-085** Clydesdale/Myrtle Sanitary Sewer By-pass Forcemain

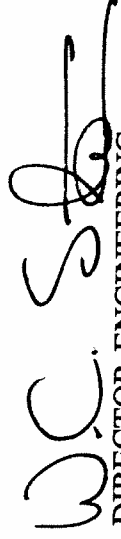
**Charge:** 1992 Capital Budget \$310,000  
Sanitary Sewer Extensions

**Additional Information:** Appearing elsewhere on Council's agenda is an item recommending award of Contract #9218 for the installation of a by-pass forcemain connecting the Clydesdale and Myrtle sanitary sewer pump stations. Both stations were recently upgraded under our ongoing program for upgrading sanitary sewer pump stations, however the associated force mains have not yet been upgraded. The proposed by-pass would connect the two stations and permit the transfer of sewage in the event of failure of the existing mains. In view of the potential health and environmental concerns associated with failure of existing mains, priorities have been reassigned and it would be appropriate to advance project completion to 1992.

Total estimated project costs are \$310,000. Sufficient funds are available in the 1992 - 1996 Capital Budget under Code 30, Sanitary Sewer Extensions, from an accumulation of savings achieved through competitive pricing on recently completed sanitary sewer projects.

This work order provides funding in the amount of \$247,464 for Contract #9218. The remaining \$63,536 covers engineering consultancy services and other ancillary works by City forces.

AAS:jb  
cc: Director Finance  
Purchasing Agent

  
DIRECTOR ENGINEERING