



Agenda Item:

COUNCIL COMMUNICATION City Manager's Office

GENERAL INFORMATION

Agenda Date: January 26, 2004

Communication

No.: 04-030

Agenda Item Type: Resolution

Roll Call

No.:

Submitted by: Jeb E. Brewer, P.E., City Engineer

SUBJECT—

Approving Change Order No. 4 (not to exceed \$20,323.60) and Change Order No. 5 (not to exceed \$86,366.09) with The Waldinger Corporation for additional work on Central Business District Traffic Signal Upgrade.

SYNOPSIS—

Two change orders have been negotiated with The Waldinger Corporation (Tom Koehn, CEO, 2601 Bell Avenue, Des Moines, IA 50321) for additional work on Central Business District Traffic Signal Upgrade. Change Order No. 4 in an amount not to exceed \$20,323.60 is to make repairs to an unforeseen basement that was encountered and damaged during construction. Change Order No. 5 in an amount not to exceed \$86,366.09 is to provide new controller equipment at five downtown intersections.

FISCAL IMPACT—

Funding for these change orders is available in the Capital Improvements Program, Index Code 389346, Account 544150, Fund CP038, Organization ENG990000, Project TFC093 – Signal System Reconstruction – Central Business District (local 20% match is TIF = \$21,337.94, 80% Federal = \$85,351.75). With the approval of these change orders, the project is still approximately \$260,000 below budget amount.

RECOMMENDATION—

Approval.

BACKGROUND—

On June 9, 2003, by Roll Call No. 03-1359, the City of Des Moines awarded a contract for the Central Business District Traffic Signal Upgrade Project to The Waldinger Corporation for \$1,793,691.70. During the design process, the City attempted to identify all locations where building basements protruded into the City's right-of-way in order to avoid conflict with the traffic signal construction. During installation of a handhole at the intersection of 9th and High, the contractor was digging through the sidewalk and damaged the roof structure of the basement for the Qwest building on the northwest corner of this intersection. The extent and location of this basement was not properly identified. The underground area houses equipment important to the operation of Qwest, and immediate measures were required to complete the repair of the sidewalk/roof structure to protect expensive Qwest equipment. Change Order No. 4, in the amount of \$20,323.60, has been negotiated with the contractor as fair and appropriate compensation for the repairs that were required. This change order is funded 20 percent by the City and 80 percent by federal funds through the Iowa Department of Transportation (IDOT).

Change Order No. 5 will provide for new traffic signal controllers/cabinets at five intersections within the project, along with modifications at two other intersections to provide improved traffic signal conduit routing. The plans were prepared showing that a number of existing controllers and cabinets would be reused in an effort to minimize cost. It was anticipated that the existing controllers and cabinets would be adequate for a few more years, and would accept the new fiber optic communication termination panels to be installed as part of this project. While these controllers and cabinets do have some remaining useful life, they were constructed in 1986 as part of the Walnut Street Transit Mall project. During construction, it was found that new fiber optic panels would not fit inside these existing cabinets. Change Order No. 5 in the amount of \$86,366.09 has been negotiated with the contractor, based on their schedule of unit prices, as fair and appropriate compensation for this work. This change order would be funded 20 percent by the City and 80 percent by the IDOT.

With the approval of both Change Order Nos. 4 and 5, the total contract amount is still approximately \$260,000 below the budgeted amount for this major signal construction. With the bids being well under the project estimate, it is desirable to replace these five controllers and cabinets, which are nearing the end of their useful life, utilizing IDOT funds. These new controllers and cabinets will provide improved signal operation and lower future maintenance costs at these intersections. Change Order Nos. 4 and 5 have a total cost of \$106,689.69 of which only \$21,337.94 will be paid by the City of Des Moines (20%) with TIF, while the remaining 80%, or \$85,351.75, will be paid with Federal funds.