



City of Dania Beach

Department of Public Services

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MEMORANDUM

TO: Robert Baldwin, City Manager

FROM: Dominic F. Orlando, P.E. Director of Public Services

Date: November 16, 2011

RE: US - 1 Landscaping Project Phase 2, Comments on Estimate

The estimate prepared by IBI Group in the amount of \$1,048,825 includes \$100,000 for construction Contingency. This estimate does not address relocation of existing utilities (water mains, electrical conduit, gas mains, etc) that may be in conflict with the proposed landscaping.

IBI Group was directed to prepare bid sheets for this project and to include an Add-Alternate for removal and replacement of electrical conduit, wiring, 2" water piping, gas lines and miscellaneous items. The scope of work requires complete removal and replacement along the entire alignment of US-1 from Sheridan Street to Stirling Road. Public Services' understanding of the project is that the proposed landscaping may also interfere with an existing 6" water main. The Add-Alternate did not address relocation of the 6" water main. Since the 6" water main was not addressed conflicts with the 6" water main during construction will need to be addressed by change order. Previous estimates for Phase 2 Project prepared to address all of the potential conflicts exceeded \$2.5 million.

Instead of relocating the existing utilities as proposed another option is to relocate only the sections of the existing utilities in direct conflict with the proposed landscaping. This approach was done under Phase 1 Project at a substantial savings.

Public Services' is suggesting that the same approach be used under Phase 2 as done under Phase 1. We could include another \$250,000 allowance to relocate existing utilities (water, electric, gas, etc.) as directed by the Engineer to avoid interferences with proposed Landscaping. Relocation work would be done same as Phase 1. Total Project Cost for Phase 2 would be \$1,300,000 instead of \$2.5 million.