



AGENDA MEMORANDUM

Future Item for the City Council Meeting of August 21, 2012
Action Item for the City Council Meeting of August 28, 2012

DATE: July 19, 2012

TO: Ronald L. Olson, City Manager

FROM: Daniel Biles, P. E., Director of Engineering Services
danb@cctexas.com
(361) 826-3729

Valerie Gray, P.E., Director of Streets and Storm Water Services
Vgray@cctexas.com
(361) 826-1875

Motion to Execute Construction Contract:
Williams Drive Phase 1 from Rodd Field to Nile Drive, and
Williams Drive Phase 2 from Nile Drive to Airline Road (Bond 2008)

CAPTION:

Motion authorizing the City Manager, or designee, to execute a Construction Materials Testing Agreement with Tolunay-Wong Engineers, Inc., of Corpus Christi, Texas in the amount of \$250,570 for Williams Drive Phases 1 & 2 from Rodd Field to Nile Drive and Nile Drive to Airline Road. (Bond 2008).

PURPOSE:

This item proposes to award a construction materials testing agreement for the rehabilitation of Williams Drive from Rodd Field to Airline Road. This project includes the removal of the existing two-lane roadway and the construction of a four-lane concrete road. City Council awarded a construction contract for this project on July 24, 2012 and this will complete the item by awarding the testing agreement.

BACKGROUND AND FINDINGS:

This project includes the rehabilitation of Williams Drive from Rodd Field to Airline Road. This project includes the removal of the existing two-lane roadway and the construction of a four-lane concrete road with turning lanes at each intersection, new curb and gutter, sidewalks, ADA curb ramps, bus pads, lane striping, pavement markings, street lighting, signalized intersections, and utility work to improve public safety and traffic flow in the area. This work complies with the Urban Transportation Plan for C3 (four-lane collector) street sections. This project is being phased to cause the least amount of disruption to vehicular traffic, businesses, Smith Elementary School and area residents.

This agreement will provide for:

- Sampling of soil materials and testing for atterberg limits and moisture/density properties
- Compaction testing of soil backfill, sub-grade, fill, base, HMAC
- Groundwater sampling
- Proof-roll and compaction test of sub-grade
- HMAC laboratory testing
- Concrete monitoring and testing
- Test report preparation and submittal
- Related laboratory testing and sample pick-up services

ALTERNATIVES:

1. Award the testing agreement as presented
2. Do not award the testing agreement (not recommended)

OTHER CONSIDERATIONS:

Not Applicable

CONFORMITY TO CITY POLICY:

Conforms to statues regarding award of professional agreements; FY 2012-2013 Street Capital Budget.

EMERGENCY / NON-EMERGENCY:

Not Applicable

FINANCIAL IMPACT (2012 – 2013 CIP):

Operating Revenue Capital Not applicable

Fiscal Year: 12-13	Project to Date Expenditures (CIP only)	Current Year	Future Years	TOTALS
Line Item Budget	\$2,120,000.00	\$12,630,800.00	\$10,001,000.00	\$24,751,800.00
RTA Contribution	0.00	137,440.00	0.00	137,440.00
TOTAL BUDGET	\$2,120,000.00	\$12,768,240.00	10,001,000.00	\$24,889,240.00
Encumbered / Expended Amount	2,120,000.00	0.00	0.00	2,120,000.00
This item		250,570.00		250,570.00
Additional expenditures	0.00	10,000,000.00	7,926,084.10	17,926,084.10
BALANCE	\$0.00	2,517,670.00	2,074,915.90	\$4,592,585.90

Fund(s): Capital / RTA

Comments: The RTA contributed \$137,400 for the construction of bus stops along the project route.

RECOMMENDATION:

Tolunay-Wong Engineers, Inc. was awarded the original geotechnical investigation work and is being recommended for the Phase 2 construction materials testing contract. They have worked on their commitment to compliance with City policy on the use of Geotechnical Engineering firms, specifically the requirement to have a locally residing professional engineer working from the local office. Tolunay-Wong has relocated a registered geotechnical engineer from their Houston office to their Corpus Christi office and therefore is now in full compliance with the City policy.

LIST OF SUPPORTING DOCUMENTS:

Project Budget
Location Map
Testing Agreement