



**PURCHASING ITEM  
FOR  
COUNCIL AGENDA  
Memo No. CA08-001**

**1. Agenda Item Number:**

16

**2. Council Meeting Date:**  
July 26, 2007

**TO: MAYOR & COUNCIL**

**3. Date Prepared:** July 2, 2007

**THROUGH: CITY MANAGER**

**4. Requesting Department:** Public Works

**5. SUBJECT:** Award Inspection Services Project Agreement to Consultant Engineering, Inc. for additional offsite development construction inspection and management services, for Project No. EN0715-101, in an amount not to exceed \$502,434 pursuant to the City's annual contract EN0602-101.

**6. RECOMMENDATION:** Staff recommends that Council award Inspection Services Project Agreement to Consultant Engineering, Inc. for additional offsite development construction inspection and management services, Project No. EN0715-101, in an amount not to exceed \$502,434 pursuant to the City's annual contract EN0602-101.

**7. BACKGROUND/DISCUSSION:** The City's offsite development construction management staff has been utilizing temporary construction inspection services since November of 2004. The number of projects requiring inspection has steadily increased from 110 projects in 2004 to over 240 projects in 2006. Over the past three years, an average of 600 permits per year have been issued requiring inspection services on development projects. This large number of permits has created issues with maintaining timely project inspections because there is not enough City inspection staff to maintain the required level of inspections.

Annually the City collects over \$1million dollars in permit inspection fees. These fees fund the City's inspection of ongoing development projects citywide. Over the past two years developers have requested additional full time on-site inspection services to facilitate construction activities on several large residential and commercial development projects in southeast Chandler. Public Works Engineering has worked with the developers to provide this additional service as well as to ensure that funds and staff were available to support the additional requested inspection requests.

Each request for additional full time inspection services is billed to and paid by the developer requesting the service to offset the additional staffing costs. This fiscal year over \$250,000 has been collected for additional full-time inspection services. This money collected reimburses the City for the additional staff to complete the developer requested inspections.

The cost of the project agreement is funded through the collection of permit inspection fees and the full time inspection services fee paid by the developer. This project agreement will allow for continued temporary inspection support to City staff to meet the required inspections. Engineering staff has reviewed the upcoming private development projects and has estimated that the three additional temporary inspectors will allow us to meet our customer's needs by performing the requested developer inspections.

**8. EVALUATION:** On October 27, 2005, Council approved the award of Contract Number EN0602-101 to Consultant Engineering, Inc. for construction inspection and management services. This contract provides for the services of an annual on-call consultant to supplement City staff as project schedules require. The consultant selection process for the awarded annual contract was conducted in accordance with established policies and procedures. This project amendment will provide for an additional twelve months of assistance.

**9. FINANCIAL IMPLICATIONS:**

Total Annual Contract Amount	\$1,500,000.00
Prior Project Agreements	<u>- 474,768.00</u>
Remaining Contract Amount	\$1,025,232.00
Total Project Agreement	<u>- 502,434.00</u>
Remaining Contract Amount	\$ 522,798.00

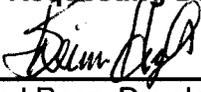
<u>Acct. No.:</u>	<u>Fund Name:</u>	<u>Program Name:</u>	<u>CIP Funded:</u>	<u>Amount:</u>
101.3020.0000.5219	General Fund	Professional Services	N/A	\$502,434.00

**10. PROPOSED MOTION:** Move that Council award Inspection Services Project Agreement to Consultant Engineering, Inc. for additional offsite development construction inspection and management services, Project No. EN0715-101, in an amount not to exceed \$502,434 pursuant to the City's annual contract EN0602-101 and authorize the Mayor to sign the contract documents.

**ATTACHMENTS:** Agreement

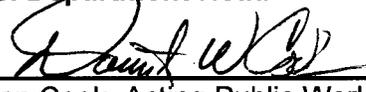
**APPROVALS**

**11. Requesting Department**



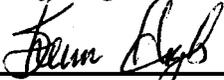
Daryl Racz, Development Project Administrator  
Offsite Construction Management

**13. Department Head**



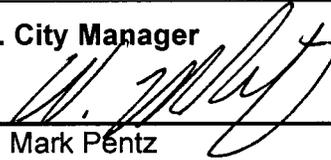
Dan Cook, Acting Public Works Director

**12. City Engineer**



Sheina Hughes, Acting Assistant Public Works  
Director/City Engineer

**14. City Manager**



W. Mark Pentz



**EXHIBIT A  
SCOPE OF WORK**

Independent Annual Consultant shall provide inspection, testing data review, and oversight for the City of Chandler. The City of Chandler's offsite management development staff shall provide work assignments, as needed, to the independent annual consultant.

**EXHIBIT B  
FEE SCHEDULE**

<u>Construction Positions*</u>	<u>Billing Rate*</u>	<u>OT Rate @ 1.5</u>
Project Principal	\$138.75	\$138.75
Construction Tech I	\$46.75	\$70.13
Construction Tech II	\$58.75	\$88.13
Construction Tech III	\$68.75	\$103.13
Construction Tech IV	\$79.75	\$119.63
Construction Tech V	\$100.75	\$151.13
Resident Engineer	\$127.75	\$127.75

\*Includes mileage, lease, computers, phone expenses

<u>Survey Positions</u>	<u>Billing Rate</u>
Registered Land Surveyor	\$105.00
Survey Office Technician	\$75.00
Conventional 2-Man Crew	\$115.00
GPS - 1-Man Crew	\$100.00
GPS - 2-Man Crew (Safety Issues)	\$150.00
GPS - 2-Man, 2-Rover Crew	\$190.00
GPS - 3-Man, 3-Rover Crew (larger projects)	\$250.00
Robotic - 1-Man Crew	\$95.00
Robotic - 2-Man Crew (Safety Issues)	\$145.00
Clerical	\$55.00

**Direct Expenses (Unit Rates)**

Phones	\$80.00per month
Vehicles: CEI Vehicle Lease	\$900.00per month
Personal Vehicle Allowance	\$20.00per day
Personal Vehicle Mileage	\$0.445per mile
Nuclear Gauge	At CostPer Invoice

**Subconsultants**

Quality Testing, LLC	Laboratory testing and related services
Tristar Engineering & Management, Inc.	Design and Construction services