



**CITY OF PLANO
COUNCIL AGENDA ITEM**

CITY SECRETARY'S USE ONLY				
<input type="checkbox"/> Consent <input type="checkbox"/> Regular <input type="checkbox"/> Statutory				
Council Meeting Date:		4/12/10		
Department:		Public Works & Engineering		
Department Head:		Alan L. Upchurch		
Agenda Coordinator (include phone #):		Irene Pegues (7198)		Project No. 5838
CAPTION				
To approve the purchase of material testing services in the amount of \$89,991 from GME Consulting Services, Inc. through an existing City of Plano contract and authorizing the City Manager to execute all necessary documents. (2009-186-D)				
FINANCIAL SUMMARY				
<input type="checkbox"/> NOT APPLICABLE <input type="checkbox"/> OPERATING EXPENSE <input type="checkbox"/> REVENUE <input checked="" type="checkbox"/> CIP				
FISCAL YEAR: 2009-10	Prior Year (CIP Only)	Current Year	Future Years	TOTALS
Budget	271,499	6,301,501	0	6,573,000
Encumbered/Expended Amount	-271,499	-4,286,290	0	-4,557,789
This Item	0	-89,991	0	-89,991
BALANCE	0	1,925,220	0	1,925,220
FUND(s): STREET IMPROVEMENT CIP				
COMMENTS: Funds are included in the 2009-10 Street Improvement CIP. This item, in the amount of \$89,991, will leave a current year balance of \$1,925,220 for the 14 th Street – K to Ridgewood project. STRATEGIC PLAN GOAL: Construction materials testing for street construction relates to the City's Goal of Financially Strong City with Service Excellence.				
SUMMARY OF ITEM				
Staff recommends approval of this expenditure for construction material testing on the 14 th Street - Avenue K to Ridgewood project in the amount of \$89,991.00 to GME Consulting Services, Inc.				
List of Supporting Documents:		Other Departments, Boards, Commissions or Agencies		
Exhibit C		N/A		

Task 2. Light Pole Base Installation					
Given: 26 light pole bases; Install 6 per day					
Assumptions: 5 trips @ 6 hrs/trip; 4 cyls/pour					
1. Senior Engineering Technician		hr	\$ 39.00	30	\$ 1,170.00
2. Concrete Cylinder Tests		ea	\$ 14.00	20	\$ 280.00
3. Trip Charge		ea	\$ 50.00	10	\$ 500.00
Subtotal Task 2					\$ 1,950.00
Task 3. Concrete Testing					
Given: 13,600 cy 8" street pavement; avg 400 cy/day					
1,333 cy of 6" driveway concrete; avg 150 cy/day					
38 cy of 6" parking; 1 pour					
667 cy of sidewalk; avg 100 cy/day					
50 to 60 misc. pours (inlets, curbs, median noses, etc.)					
Assumptions: Street pours avg 300 cy/pour @ 7 hrs/pour					
Driveway pours avg 100 cy/pour @ 5 hrs/pour					
Sidewalk pours avg 75 cy/pour @ 6 hrs/pour					
Miscellaneous pours avg 35 cy/pour @ 4 hrs					
A. Mix Design Review					
Assumptions: 5 mix design reviews					
1. Senior Engineer		hr	\$ 150.00	10	\$ 1,500.00
B. Street Pours					
Given: 34 pours					
Assumptions: 40 pours @ 7 hrs/ea; 4 sets of 4 cyls/pour					
1. Senior Engineering Technician		hr	\$ 39.00	280	\$ 10,920.00
2. Concrete Cylinder Tests		ea	\$ 14.00	640	\$ 8,960.00
C. Driveway Pours					
Given: 1333 cy; 14 pours					
Assumptions: 5 hrs/pour; 1 set of 4 cyls/pour					
1. Senior Engineering Technician		hr	\$ 39.00	70	\$ 2,730.00
2. Concrete Cylinder Tests		ea	\$ 14.00	56	\$ 784.00
D. Sidewalk Pours					
Given: 667 cy sidewalk; 7 pours					
Assumptions: 6 hours/pour; 1 set of 4 cyls/pour					
1. Senior Engineering Technician		hr	\$ 39.00	42	\$ 1,638.00
2. Concrete Cylinder Tests		ea	\$ 14.00	28	\$ 392.00
E. Miscellaneous Pours					
Given: 50 to 60 miscellaneous pours; < 35cy/pour					
Assumptions: 60 pours; 3 hrs/pour					
1. Senior Engineering Technician		hr	\$ 39.00	180	\$ 7,020.00
2. Concrete Cylinder Tests		ea	\$ 14.00	240	\$ 3,360.00
F. Cylinder Pickup					
Given: 111 pours					
Assumptions: 80 trips for cylinder pickup (some will occur on the same day of a pour or other activity)					
2 hrs/trip					
1. Senior Engineering Technician		hr	\$ 39.00	160	\$ 6,240.00
G. Trip Charges for Concrete					
1. Trip Charge		ea	\$ 50.00	195	\$ 9,750.00
Subtotal Task 3					\$ 53,294.00

Task 4. Project Management						
Given: 2 hours per month for 6 months						
Assumptions: None						
1. Senior Engineer						
			hr	\$ 150.00	14	\$ 2,100.00
Subtotal Task 4						\$ 2,100.00
Total Tasks 1-4						
Total						\$ 81,810.00
Budget Contingency for Overtime Charges - 10% of Total						\$ 8,181.00
Grand Total with 10% OT Contingency						\$ 89,991.00