SBD CM REVIEW FORM

To: Project Review and Analysis Division - Construction
From: SBD CM - Ileana Quintana
Department: Public Works Department **Contact:** Rodney McMillan
Date: 08 / 12 / 2011

PROJECT NUMBER: 20110130
PROJECT TITLE: PTP Intersection Improvement Contract
PROJECT LOCATION: Various Locations - Countywide

SCOPE OF WORK/DESCRIPTION: Furnishing all supervision, labor, materials, equipment, tools and performing all operations necessary for Intersection Improvements; includes: construction of asphaltic concrete road base and pavement removal, pavement milling, pavement marking and signage, drainage, sidewalk, concrete curb & gutter and traffic calming devices.
SPECIAL REQUIREMENTS:

TRADES / SUBTRADES	UNIT PRICE	COMMENTS
MOT		All line items noted are part of the primary scope of work. Licenses: General Engineering Contractor/Specialty Engineering Contractor: Paving Engineering
Temporary barrier wall (concrete/furnish & install)	$2,760.00	
Barricades temporary type III	$36.00	
Barricades temporary type I, II and VP	$12,000.00	
Flashing arrow board temporary	$2,640.00	
High intensity flashing lights	$44.00	
Work zone signs	$3,630.00	
Staked silt fence	$120.00	
Floating turbidity barrier	$360.00	
Rock bags	$350.00	
EXCAVATION		Excavating and Grading Engineering Contractor
Regular excavation	$6,150.00	Possible subcontracting opportunity
Subsoil excavation	$450.00	
Embankment	$440.00	
Regrade existing swale	$12,000.00	
CONCRETE		Concrete Engineering Contactor
Removal & disposal of existing curb & gutter	$12,000.00	Possible subcontracting opportunity
Remove & dispose of existing sidewalk	$16,000.00	
Colored concrete curb & gutter type F	$2,740.00	
Colored concrete sidewalk 4" thick	$1,060.00	
Colored concrete sidewalk 6" thick	$865.00	
Detectable warning on walking surface	$21,000.00	
Concrete valley gutter 3' wide	$1,800.00	
Concrete curb and/or gutter	$225,000.00	
Base preparation for new sidewalk	$4,500.00	
Concrete sidewalk 4" thick	$56,000.00	
Concrete sidewalk 6" thick	$18,600.00	
Concrete crosswalk 10" thick	$1,600.00	
Flowable fill	$22,000.00	
	$424,145.00	

Small Business Development Signature:_____ Date: 08 / 15 / 2011

*** Trades/Subtrades identified for Small Business participation by SBD CM**

- PWD is recommending a Trade Set Aside

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TRADES / SUBTRADES	AMOUNT	COMMENTS
	$424,145.00	
PAVEMENT		Paving Engineering Contractor
Type B stabilization 12" thick	$3,500.00	All line items noted are part of the primary scope of work. Licenses: General Engineering Contractor/Specialty Engineering Contractor: Paving Engineering Contractor
Limerock base 8" thick	$25,200.00	
Optional base	$5,520.00	
Milling existing pavement 1" thick	$12,000.00	
Hot mix asphalt traffic C SP-9.5	$105,000.00	
Hot mix asphalt friction course	$36,000.00	
Miscellaneous asphalt pavement	$30,000.00	
DRAINAGE		
Curb inlet type P-5	$5,000.00	
Curb inlet type P-6	$7,000.00	
Inlet type J	$7,000.00	
Inlet type D	$4,000.00	
Inlet swale	$12,000.00	
Inlet swale P-10	$6,000.00	
Pollution retardant baffle	$2,400.00	
Manhole type USP 3-27.1	$4,000.00	
Manhole type J-7T	$6,000.00	
Adjust existing valve boxes	$4,000.00	
Adjust manhole	$3,500.00	
Modify existing drainage structure	$3,000.00	
C.B./drain filed and stub pipes	$30,000.00	
Pipe culvert 12" diameter	$1,500.00	
Pipe culvert 15" diameter	$6,300.00	
Pipe culvert 18" diameter	$3,200.00	
Pipe culvert 24" diameter	$1,700.00	
French drain 18"	$4,500.00	
French drain 24"	$55,000.00	
MARKING & SIGNAGE		Painting Contractor (Marking & Signage)
Roadside signs single post <12sf	$36,000.00	Possible subcontracting opportunity
Reset existing post and sign	$600.00	
Sign panel <15sf	$9,000.00	
Remove existing signs & posts	$450.00	
Delineator	$5,000.00	
Reflective pavement markers	$9,600.00	
Removal of existing pavement markers	$90.00	
Pavement messages paint	$600.00	
Directional arrows paint	$800.00	
Painted pavement markings	$13,200.00	
Pavement markings temporary	$4,800.00	
Skip traffic stripe 6'-10' space white 6"	$100.00	
Pavement messages thermoplastic	$250.00	
	$887,955.00	

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TRADES / SUBTRADES	AMOUNT	COMMENTS
	$887,955.00	
Directional arrows thermo	$2,000.00	Possible subcontracting opportunity
Guidelines 6" dotted 2'-4' white	$70.00	
Guidelines 6" dotted 2'-4' yellow	$70.00	
Remove existing pavement markings	$12,000.00	
Thermoplastic white solid 6"	$10,200.00	
Thermoplastic white solid 8"	$435.00	
Thermoplastic white solid 12"	$1,440.00	
Thermoplastic white solid 18"	$720.00	
Thermoplastic white solid 24"	$1,440.00	
Thermoplastic yellow solid 6"	$9,000.00	
Thermoplastic yellow solid 18"	$1,080.00	
Thermoplastic yellow skip 6"	$60.00	
Edging	$300.00	
Provide necessary labor and equipment to reconfigure the road to accommodate new traffic conditions by saw cuttings, removal and disposal of existing pavement according to the specific contours indicated in plans not damage adjacent areas.	$19,680.00	
GUARDRAIL		Fence Contractor
Removal and stockpiling on site of existing guardrail and post	$350.00	Possible subcontracting opportunity
Remove and reset existing guardrail	$2,000.00	
Installation of brick pavers	$21,600.00	Possible subcontracting opportunity
Sodding	$26,000.00	Not a construction trade
Finish soil layer landscaping	$3,600.00	
	$1,000,000.00	
Contingency allowance	$100,000.00	
Off duty law enforcement	$10,000.00	
Maintenance of traffic	$20,000.00	
Clearing & grubbing	$10,000.00	
Bituminous material adjustment	$10,000.00	
Allowance permits	$5,000.00	
Total Construction Cost Estimate	**$1,155,000.00**	

- PWD is recommending a Trade Set Aside