

## SBD - CM Review Form

<b>To:</b>	Project Review & Analysis - Construction	<b>Contact:</b>	Alicia Arce
<b>From:</b>	SBD CM - Eddy V. Etienne Jr.	<b>Resubmittal:</b>	No
<b>Department:</b>	Department of Transportation and Public Works		
<b>Date:</b>	8/21/2018		

<b>PROJECT NUMBER:</b>	20180177
<b>PROJECT TITLE:</b>	Push Button North Roadway Resurfacing Contract
<b>PROJECT LOCATION:</b>	Various Locations

**SCOPE OF WORK/DESCRIPTION:** Asphalt Surfaces have a typical service life of 8 to 12 years, depending on the traffic and weather conditions. Asphalt resurfacing is necessary when the asphalt surface has reached the end of its service life or if other methods of restoration cannot repair the roadway. Asphalt resurfacing is a multistep process that usually involves several work crews, accompanied by proper construction signs and work-zone traffic control measures to maintain public safety. Work under this Contract includes furnishing of all supervision, labor, materials, tools, equipment and performing all operations required to construct the Work in accordance with the Contract Documents.

Work includes but is not limited to, the following: Milling and resurfacing, widening and resurfacing of intersecting streets up to the existing joint at the side street, or up to the Point of Curvature (PC) as determined by the Engineer, and/or as indicated on the Plans, resurfacing of asphaltic pathways (pedestrian, bicycle, etc.) adjacent or not to the edge of pavement as necessary, temporary utility repairs (cold patches), clearing and excavating of shoulder areas or build-up, as directed by the Engineer; grading and clean-up of adjacent shoulders and removal of roots, as required, pavement markings including the installation of reflective pavement markers (blue/blue) at fire hydrant locations, sidewalk, sidewalk cubs and connectors, and pedestrian ramps.

**SPECIAL REQUIREMENTS:** At the time of Bid and pursuant to the requirements of Section 10-3 of the Code of Miami-Dade County, Florida and these Solicitation and Contract Documents, the Bidder must hold a valid, current, and active Certificate of Competency as a General Engineering Contractor or as a Specialty Engineering Contractor, commensurate to the requirements of the Project's Scope of Work, in one or more engineering crafts to include Paving Engineering. The Specialty Contractor shall subcontract with a qualified contractor any work which is incidental to the specialty but is specified in the aforementioned Code as being the work of other than that of the Engineering Specialty for which certified.

Pursuant to Section 255.20, Florida Statutes (F.S.) and in lieu of the above, the County may consider a bid from a Bidder that is a duly licensed Contractor in good standing that has been pre-qualified and considered eligible by the Florida Department of Transportation (FDOT) under Section 337.14, F.S. and Chapter 14-2, Florida Administrative Code, to perform the work described in the Contract Documents. Contractors seeking consideration under this paragraph shall submit along with the Bid Documents for review and consideration, current copy (ies) of their FDOT Certificate(s) of Qualification, Certification of Work Underway, and Status of Contract(s) On Hand. Acceptable FDOT prequalification(s) necessary to perform the work specified in the Project's Scope of Work shall include the Flexible Paving Work Class.

Additional Information – Permits, Licenses, Certifications, and General Regulations

Permits that are issued by the Public Works Department, Miami-Dade County for construction within the public right-

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of-way, as well as additional permits, which may be required by other municipalities or agencies, including those required for tree removal, will be the responsibility of the Contractor.

County Road Construction Projects – NO PERMITS issued to sub-contractors. Except work related to Traffic Signalization, School Flashing Signals, Internally Illuminated Street Name Sign (IISNS), Street lighting, and Traffic Signal Loops which will require a separate permit issued to an Electrical Contractor to perform such work.

TRADES/SUBTRADES	AMOUNT	PERCENTAGE	COMMENTS
<b>Prime Contractor</b>			
SAW CUT EXIST. TRENCH AND REM.(2" MIN)	\$356.40	0.03%	*Must meet Project Special Requirements. Possible opportunities for Small Businesses.
REPLACEMENT OF BASE (8") & 6" ASPHALT	\$1,059.48	0.08%	
NIGHT DIFF. FOR MILLING	\$972.00	0.07%	
NIGHT DIFF. FOR RESURFACING	\$972.00	0.07%	
MOBILIZATION	\$972.00	0.07%	
BARRICADES(Temporary , Type III,6')	\$1,438.40	0.10%	
FLASHING ARROW BOARD	\$1,641.60	0.12%	
RE-GRADE EXISTING SWALE	\$54.00	0.00%	
VARIABLE MESSAGE SIGN (Temporary)	\$5,292.00	0.38%	
WORK ZONE SIGNS	\$602.64	0.04%	
REMOVAL OF EXISTING PAVEMENT	\$165.24	0.01%	
REGULAR EXCAVATION	\$4.32	0.00%	
EMBANKMENT FOR ROAD BUILD-UP	\$64.80	0.00%	
EMBANKMENT MATERIAL FOR SHOULDER	\$70.20	0.01%	
TYPE "B" STABILIZATION	\$108.00	0.01%	
LIMEROCK BASE (8" Double Course)(Primed)	\$162.00	0.01%	
MILLING EXISTING PAVEMENT(1")	\$202,489.31	14.48%	
HOT MIX ASPHALT TRAFFIC C, SP-9.5	\$307,800.00	22.00%	
HOT MIX ASPHALT FRICTION COURSE TRAFFIC C, FC-5	\$505,494.00	36.14%	
ADJUSTING INLETS	\$810.00	0.06%	
ADJUST MANHOLE	\$8,424.00	0.60%	
ADJUST VALVES BOXES	\$9,072.00	0.65%	
REMOVAL AND DISPOSAL OF EXIST.FRAMES MH	\$1,890.00	0.14%	
REMOVAL AND DISPOSAL OF EXIST.FRAMES W.V.	\$2,430.00	0.17%	
RECONSTRUCT MANHOLE	\$1,620.00	0.12%	
SODDING(PENSACOLA BAHIA OR MATCH EX.)	\$529.20	0.04%	
PULL BOX, METER TYPE (Polymer)	\$9,720.00	0.69%	
<b>Sub Contractor</b>			
REMOVAL AND DISPOSAL OF EXISTING CURB & GUTTER	\$6,670.08	0.48%	
REMOVAL OF EXISTING CONCRETE(up to 8" thick, inc. base)	\$7,601.04	0.54%	
BASE PREPARATION FOR NEW SIDEWALK	\$410.40	0.03%	
CONCRETE CURB AND/OR GUTTER(any type,inc.base)	\$25,174.80	1.80%	
CONCRETE SIDEWALK(4"Thick,3,000 P.S.I. includes curb)	\$27,941.76	2.00%	
CONCRETE SIDEWALK(6"Thick,3,000 P.S.I. includes curb)	\$2,626.56	0.19%	
DETECTABLE WARNING ON WALKING SURFACE	\$17,091.00	1.22%	

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TRADES/SUBTRADES	AMOUNT	PERCENTAGE	COMMENTS
ROADSIDE SIGN (SINGLE POST)(LESS THAN 12 S.F.)	\$2,970.00	0.21%	
RESET EXISTING POST AND SIGN	\$540.00	0.04%	
36" TUBULAR DELINEATOR	\$518.40	0.04%	
REFLECTIVE PAVEMENT MARKERS(MONO-DIR)	\$11,206.08	0.80%	
PAINTED PAVEMENT MARKINGS(STANDARD, WHITE,	\$6,733.82	0.48%	
PAINTED PAVEMENT MARKINGS(STANDARD, WHITE,	\$96.68	0.01%	
PAINTED PAVEMENT MARKINGS(STANDARD,WHITE,	\$2,047.81	0.15%	
PAINTED PAVEMENT MARKINGS(STANDARD,WHITE,	\$105.56	0.01%	
PAINTED PAVEMENT MARKINGS(STANDARD,WHITE,	\$2,281.48	0.16%	
PAINTED PAVEMENT MARKINGS(STANDARD)(WHITE	\$2,712.74	0.19%	
PAINTED PAVEMENT MARKINGS(STANDARD)(WHITE	\$604.80	0.04%	
PAINTED PAVEMENT MARKINGS(STANDARD)(WHITE	\$2,538.00	0.18%	
PAINTED PAVEMENT MARKINGS(STANDARD)(YELLOW	\$4,236.56	0.30%	
PAINTED PAVEMENT MARKINGS(STANDARD)(YELLOW	\$8,767.83	0.63%	*Possible opportunities for Small Businesses
PAINTED PAVEMENT MARKINGS(STANDARD)(YELLOW	\$266.76	0.02%	
SOLID TRAFFIC STRIPE, PAINT - (4" WHITE, OR YELLO	\$444.20	0.03%	
SKIP TRAFFIC STRIPE(6' STRIPE, 10' SPACE) (WHITE TH	\$9.72	0.00%	
GUIDELINES (6" DOTTED)(2'4' WHITE) (THERMOPLAS	\$70.20	0.01%	
THERMOPLASTIC(WHITE)(SOLID) (6")	\$19,474.34	1.39%	
THERMOPLASTIC(WHITE)(SOLID) (8")	\$291.17	0.02%	
THERMOPLASTIC(WHITE)(SOLID) (12")	\$6,848.06	0.49%	
THERMOPLASTIC(WHITE)(SOLID) (18")	\$812.59	0.06%	
THERMOPLASTIC(WHITE)(SOLID) (24")	\$6,036.77	0.43%	
THERMOPLASTIC(WHITE)(SKIP) (6")	\$6,258.71	0.45%	
THERMOPLASTIC(WHITE)(MESSAGE)	\$1,360.80	0.10%	
THERMOPLASTIC(WHITE)(ARROWS)	\$4,455.00	0.32%	
THERMOPLASTIC(YELLOW)(SOLID) (6")	\$16,649.06	1.19%	
THERMOPLASTIC(YELLOW)(SOLID) (18")	\$1,065.31	0.08%	
THERMOPLASTIC(YELLOW)(SKIP) (6")	\$1,696.14	0.12%	
THERMOPLASTIC, PREFORMED,WHITE,MESSAGE	\$7,290.00	0.52%	
SKIP TRAFFIC STRIPE (4" WHT/YELL 6X10)	\$8.64	0.00%	
SKIP TRAFFIC STRIPE (4" WHT/YELL 10x30)	\$194.40	0.01%	
SOLID TRAFFIC STRIPE (4"WHITE)(THERMOPLASTIC)	\$1,033.56	0.07%	
SOLID TRAFFIC STRIPE (4"YELLOW)(THERMOPLASTIC)	\$20.52	0.00%	
REMOVAL OF EXISTING PAVEMENT MARKINGS(THER	\$288.90	0.02%	
<b>BASE TOTAL</b>	<b>\$1,271,663.85</b>	<b>90.91%</b>	
Contingency Allowance (10% of Base Estimate)	\$127,166.39	9.09%	
<b>TOTAL AMOUNT</b>	<b>\$1,398,830.24</b>	<b>100.00%</b>	

Small Business Development Signature: 

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\*Trades/Sub-Trades identified for possible subcontracting opportunities by SBD CM  
DTPW is recommending Trade Set Aside for Concrete and Pavement Markings

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