

Business Operations
Ofelia San Pedro, Deputy Superintendent

**SUBJECT: AWARD BID NO. 054-FF10 – ASPHALT PAVING, RESURFACING
 AND DRAINAGE**

COMMITTEE: FACILITIES AND CONSTRUCTION REFORM

The purpose of this bid, opened on March 21, 2006, is to establish a contract, to purchase, at firm unit prices, quantities, as may be required, of asphalt paving, resurfacing and drainage, for Maintenance Operations. This is a term bid which states that the Board may purchase quantities, as may be required, at the unit price bid, but is not obligated to purchase any guaranteed amount. Of 100 vendors sent bid forms or card notices of this advertised bid, 3 responded, with 3 bids meeting specifications.

A comparison was made between the previous contract pricing and the bid. The comparison reflects an increase of 12% since February 12, 2003, for asphalt and concrete products. According to The Data DIGest of February 21-27, 2006, the largest driver of the Consumer Price Index (CPI) increase has been energy costs, which soared 5% in January, and 25% over 12 months. The supply of Ultra-Low-Sulfur (ULS) diesel, which is used to produce liquid asphalt, is expected to be reduced and will likely increase the cost of asphalt and its components over the next 12-month period. Therefore, the District will realize savings by awarding this firm, fixed price contract.

Fund Source
0100 - General

M/WBE Eligibility
None

RECOMMENDED: That The School Board of Miami-Dade County, Florida, **AWARD** Bid No. 054-FF10 – ASPHALT PAVING, RESURFACING AND DRAINAGE, to purchase, at firm unit prices, quantities, as may be required, of asphalt paving, resurfacing and drainage, for Maintenance Operations, during the term of the bid, effective June 14, 2006, through June 13, 2007, as follows:

PRIMARY

1. INLAND ENGINEERING CONTRACTORS, INC.
6595 N.W. 36 STREET, SUITE 307
MIAMI, FL 33166 ESTIMATE \$612,440
OWNER: JOHN M. BANDOS, PRESIDENT

Total Low Unit Price: Items 1 through 84.

- Item 1 - Asphalt paving, installed, 6" base @ \$1.35 per square foot.
- Item 2 - Asphalt paving, installed, 8" base @ \$2.50 per square foot.
- Item 3 - Asphalt paving, installed, 12" base @ \$2.60 per square foot.
- Item 4 - Asphalt sidewalk, 6 to 8 ft. wide, installed, 6" base @ \$2.35 per square foot.
- Item 5 - Asphalt resurfacing, 1" overlay @ \$2.15 per square foot.
- Item 6 - Leveling course, installed @ \$60 per ton.
- Item 7 - Asphalt speed bump @ \$10 per linear foot.
- Item 8 - Asphalt and base removal @ \$.35 per square foot.
- Item 9 - Asphalt seal coat @ \$1.95 per square yard.
- Item 10 - Provide and install new wheel stop, car-type concrete @ \$20 each.
- Item 11 - Provide and install wheel stop, bus-type concrete @ \$24 each.
- Item 12 - Painted lines on surface 4" wide, regardless of color @ \$.75 per linear foot.
- Item 13 - Painted lines on surface wider than 4", regardless of color @ \$.40 per square foot.
- Item 14 - Painted numbers or letters on surface 6" @ \$.40 each.
- Item 15 - Painted arrows (straight) on surface @ \$15 each.
- Item 16 - Painted arrows (curved) on surface @ \$15 each.
- Item 17 - Painted handicapped symbol @ \$40 each.
- Item 18 - "Stop" sign, installed with street sign post assembly @ \$100 each.
- Item 19 - "Do Not Enter" sign @ \$100 each.
- Item 20 - "Right or Left Turn Only" sign @ \$100 each.
- Item 21 - "Disabled Parking Only" @ \$100 each.

- Item 22 - "No Parking" Sign @ \$100 each.
- Item 23 - Catch basin, type "J" @ \$600 each.
- Item 24 - Add on price for each additional foot for type "J" drainage structure @ \$10 per foot.
- Item 25 - Catch basin, swell inlet @ \$1,200 each.
- Item 26 - Catch basin, standard @ \$1,700 each.
- Item 27 - Storm sewer manhole, 4 foot @ \$1,200 each.
- Item 28 - Grease and oil separator for 15" diameter drainage pipe @ \$450 each.
- Item 29 - Grease and oil separator for 18" diameter drainage pipe @ \$320 each.
- Item 30 - Grease and oil separator for 24" diameter drainage pipe @ \$800 each.
- Item 31 - Connection of new drainage pipe, 6" to 12" diameter @ \$400 each.
- Item 32 - Connection of new drainage pipe, 13" to 24" diameter @ \$400 each.
- Item 33 - Rim elevation adjustment @ \$200 each.
- Item 34 - Removal and disposal off-site of existing drainage structure, manhole or catch basin, 0-3' @ \$25 each.
- Item 35 - Removal and disposal off-site of existing drainage structure, manhole or catch basin, greater than 3' @ \$25 each.
- Item 36 - Clean catch basin @ \$20 each.
- Item 37 - Clean French drain @ \$13 per linear foot.
- Item 38 - French drain installed, 15" exfiltration trench @ \$75 per linear foot.
- Item 39 - French drain installed, 24" exfiltration trench @ \$90 per linear foot.
- Item 40 - Crushed lime-rock fill, delivered 1 ton to 500 tons per site @ \$13 per ton.
- Item 41 - Crushed lime-rock fill, over 500 tons per site @ \$10 per ton.
- Item 42 - Concrete sidewalk or slab, 4", removal and disposal off-site @ \$.50 per square foot.
- Item 43 - Concrete sidewalk or slab, 6", removal and disposal off-site @ \$.60 per square foot.
- Item 44 - Construct concrete sidewalk or slab, 4" @ \$4 per square foot.
- Item 45 - Concrete sidewalk or slab, 6", removal and disposal off-site @ \$4.10 per square foot.

- Item 46 - Construct concrete sidewalk or slab, 6", with roadmesh @ \$4.40 per square foot.
- Item 47 - Continuous concrete curb, 6", installed, type "D" @ \$12 per square foot.
- Item 48 - Driveway curb, installed @ \$20 per linear foot.
- Item 49 - Type "F" curb and gutter, installed @ \$14 per linear foot.
- Item 50 - Concrete driveway, installed @ \$4.10 per square foot.
- Item 51 - Concrete, pedestrian and/or handicapped ramp installed @ \$3 per square foot.
- Item 52 - 24" valley gutter, installed @ \$9 per linear foot.
- Item 53 - Site clearing, grubbing and leveling - heavy overgrowth @ \$.03 per square foot.
- Item 54 - Site clearing, grubbing and leveling - medium overgrowth @ \$.03 per square foot.
- Item 55 - Site clearing, grubbing and leveling - light overgrowth @ \$.08 per square foot.
- Item 56 - Culvert pipe, 15" diameter, installed @ \$29 per linear foot.
- Item 57 - Culvert pipe, 24" diameter, installed @ \$60 per linear foot.
- Item 58 - Culvert pipe, 15" diameter, installed, HDPE @ \$36 per linear foot.
- Item 59 - Culvert pipe, 24" diameter, installed, HDPE @ \$55 per linear foot.
- Item 60 - 6" PVC sewer pipe with fitting, installed @ \$50 per linear foot.
- Item 61 - 8" PVC sewer pipe with fitting, installed @ \$65 per linear foot.
- Item 62 - 10" PVC sewer pipe with fitting, installed @ \$35 per linear foot.
- Item 63 - 80/20 top-soil mix, provide and install @ \$20 per cubic yard.
- Item 64 - Sod, Floretham, delivered and installed @ \$.85 per square foot.
- Item 65 - 80/20 top-soil mix, provide and install @ \$20 per cubic yard.
- Item 66 - Selected fill material, provide and install 1 to 500 cubic yards per site @ \$4 per cubic yard.
- Item 67 - Selected fill material, provide and install over 500 cubic yards per site @ \$4 per cubic yard.
- Item 68 - Excavation and disposal of excess fill material @ \$25 per cubic yard.

- Item 69 - Provide and install surface coating (hard court) @ \$3 per square yard.
- Item 70 - "Authorized Vehicles Only" sign @ \$100 each.
- Item 71 - Provide and install street sign post, only assembly @ \$100 each.
- Item 72 - Provide all labor and equipment to saw cut concrete, 4" @ \$1 per linear foot.
- Item 73 - Provide all labor and equipment to saw cut concrete, 6" @ \$1 per linear foot.
- Item 74 - Provide all labor and equipment to saw cut concrete, 8" @ \$1 per linear foot.
- Item 75 - Soil field density test for moisture content and density @ \$50 per visit.
- Item 76 - Concrete slump test @ \$140 each.
- Item 77 - Surveying service Florida registered (PLS) @ \$100 per hour.
- Item 78 - Thermo plastic painted lines on surface, 2" wide @ \$.35 per linear foot.
- Item 79 - Thermo plastic painted lines on surface, 4" wide @ \$.60 per linear foot.
- Item 80 - Thermo plastic painted lines on surface, 6" wide @ \$.60 per linear foot.
- Item 81 - Catch, basin, type "P" @ \$950 each.
- Item 82 - Add on price for each additional foot of a type "P" drainage structure deeper than 8 foot @ \$1 per foot.
- Item 83 - Cost for Proctor @ \$160 each.
- Item 84 - Mobilization charge for projects less than \$1,500 @ \$600 per mobilization.

TOTAL: Items 1 through 84 - \$465,940

FOR INFORMATION PURPOSES ONLY

Items 85 through 94 shall be for rental equipment with operator.

- Item 85 - Escavator, cat. model 325, or equivalent @ \$250 per hour.
- Item 86 - Vibratory roller dynapack CA25, or equivalent @ \$200 per hour.
- Item 87 - Grader, Huber model 850B or equal @ \$140 per hour.

- Item 88 - Grader, caterpillar 120G or equal @ \$180 per hour.
- Item 89 - Loader: 2-1/2 cubic yard capacity same @ \$180 per hour.
- Item 90 - Bulldozer case model 450 or equal @ \$140 per hour.
- Item 91 - Backhoe combination, case model 580 or equal @ \$120 per hour.
- Item 92 - 18-cubic yard capacity dump truck @ \$120 per hour.
- Item 93 - Skid-steer loader new Holland model 750 or equal @ \$85 per hour.
- Item 94 - Add on price per hour for any backhoe attachment for the skid steer loader @ \$50 per hour.

TOTAL: Items 85 through 94 - \$146,500

ALTERNATE

- 2. DI OBRA CONSTRUCTION CORPORATION
 9350 FONTAINBLEAU BOULEVARD, C-612
 MIAMI, FL 33172 **ESTIMATE \$768,428.11**
 OWNER: RENSSO LOPEZ, PRESIDENT

Second Total Low Unit Price: Items 1 through 84.

- Item 1 - Asphalt paving, installed, 6" base @ \$2.04 per square foot.
- Item 2 - Asphalt paving, installed, 8" base @ \$3.52 per square foot.
- Item 3 - Asphalt paving, installed, 12" base @ \$9.08 per square foot.
- Item 4 - Asphalt sidewalk, 6 to 8 ft. wide, installed, 6" base @ \$3.03 per square foot.
- Item 5 - Asphalt resurfacing, 1" overlay @ \$1.05 per square foot.
- Item 6 - Leveling course, installed @ \$97.46 per ton.
- Item 7 - Asphalt speed bump @ \$13.20 per linear foot.
- Item 8 - Asphalt and base removal @ \$.50 per square foot.
- Item 9 - Asphalt seal coat @ \$.99 per square yard.
- Item 10 - Provide and install new wheel stop, car-type concrete @ \$20.35 each.

- Item 11 - Provide and install wheel stop, bus-type concrete @ \$36.85 each.
- Item 12 - Painted lines on surface, 4" wide, regardless of color @ \$.46 per linear foot.
- Item 13 - Painted lines on surface, wider than 4", regardless of color @ \$1.42 per square foot.
- Item 14 - Painted numbers or letters on surface 6" @ \$2.20 each.
- Item 15 - Painted arrows (straight) on surface @ \$49.50 each.
- Item 16 - Painted arrows (curved) on surface @ \$49.50 each.
- Item 17 - Painted handicapped symbol @ \$82.50 each.
- Item 18 - "Stop" sign, installed with street sign post assembly @ \$236.50 each.
- Item 19 - "Do Not Enter" sign @ \$236.50 each.
- Item 20 - "Right or Left Turn Only" sign @ \$236.50 each.
- Item 21 - "Disabled Parking Only" @ \$192.50 each.
- Item 22 - "No Parking" Sign @ \$165 each.
- Item 23 - Catch basin, type "J" @ \$2,035 each.
- Item 24 - Add on price for each additional foot for type "J" drainage structure @ \$236.50 per foot.
- Item 25 - Catch basin, swell inlet @ \$1,375 each.
- Item 26 - Catch basin, standard @ \$1,375 each.
- Item 27 - Storm sewer manhole, 4 foot @ \$1,815 each.
- Item 28 - Grease and oil separator for 15" diameter drainage pipe @ \$198 each.
- Item 29 - Grease and oil separator for 18" diameter drainage pipe @ \$236.50 each.
- Item 30 - Grease and oil separator for 24" diameter drainage pipe @ \$319 each.
- Item 31 - Connection of new drainage pipe, 6" to 12" diameter @ \$308 each.
- Item 32 - Connection of new drainage pipe, 13" to 24" diameter @ \$605 each.
- Item 33 - Rim elevation adjustment @ \$165 each.
- Item 34 - Removal and disposal off-site of existing drainage structure, manhole or catch basin, 0-3' @ \$880 each.
- Item 35 - Removal and disposal off-site of existing drainage structure, manhole or catch basin, greater than 3' @ \$935 each.
- Item 36 - Clean catch basin @ \$550 each.

- Item 37 - Clean French drain @ \$110 per linear foot.
- Item 38 - French drain installed, 15" exfiltration trench @ \$82.50 per linear foot.
- Item 39 - French drain installed, 24" exfiltration trench @ \$154 per linear foot.
- Item 40 - Crushed lime-rock fill, delivered 1 ton to 500 tons per site @ \$24.75 per ton.
- Item 41 - Crushed lime-rock fill, over 500 tons per site @ \$22.55 per ton.
- Item 42 - Concrete sidewalk or slab, 4", removal and disposal off-site @ \$1.54 per square foot.
- Item 43 - Concrete sidewalk or slab, 6", removal and disposal off-site @ \$2.70 per square foot.
- Item 44 - Construct concrete sidewalk or slab, 4" @ \$3.83 per square foot.
- Item 45 - Concrete sidewalk or slab, 6", removal and disposal off-site @ \$4.95 per square foot.
- Item 46 - Construct concrete sidewalk of slab, 6", with roadmesh @ \$4.29 per square foot.
- Item 47 - Continuous concrete curb 6" installed, type "D" @ \$20.35 per square foot.
- Item 48 - Driveway curb, installed @ \$16.23 per linear foot.
- Item 49 - Type "F" curb and gutter, installed @ \$41.80 per linear foot.
- Item 50 - Concrete driveway, installed @ \$4.95 per square foot.
- Item 51 - Concrete, pedestrian and/or handicapped ramp installed @ \$9.73 per square foot.
- Item 52 - 24" valley gutter, installed @ \$16.23 per linear foot.
- Item 53 - Site clearing, grubbing and leveling - heavy overgrowth @ \$.09 per square foot.
- Item 54 - Site clearing, grubbing and leveling - medium overgrowth @ \$.07 per square foot.
- Item 55 - Site clearing, grubbing and leveling - light overgrowth @ \$.06 per square foot.
- Item 56 - Culvert pipe, 15" diameter, installed @ \$56.10 per linear foot.
- Item 57 - Culvert pipe, 24" diameter, installed @ \$73.15 per linear foot.
- Item 58 - Culvert pipe, 15" diameter, installed, HDPE @ \$51.15 per linear foot.

- Item 59 - Culvert pipe, 24" diameter, installed, HDPE @ \$59.84 per linear foot.
- Item 60 - 6" PVC sewer pipe with fitting, installed @ \$41.80 per linear foot.
- Item 61 - 8" PVC sewer pipe with fitting, installed @ \$50.05 per linear foot.
- Item 62 - 10" PVC sewer pipe with fitting, installed @ \$68.59 per linear foot.
- Item 63 - 80/20 top-soil mix, provide and install @ \$41.80 per cubic yard.
- Item 64 - Sod, Floretham, delivered and installed @ \$.53 per square foot.
- Item 65 - 80/20 top-soil mix, provide and install @ \$.42 per cubic yard.
- Item 66 - Selected fill material, provide and install 1 to 500 cubic yards per site @ \$23.54 per cubic yard.
- Item 67 - Selected fill material, provide and install over 500 cubic yards per site @ \$23.54 per cubic yard.
- Item 68 - Excavation and disposal of excess fill material @ \$11 per cubic yard.
- Item 69 - Provide and install surface coating (hard court) @ \$9.63 per square yard.
- Item 70 - "Authorized Vehicles Only" sign @ \$151.25 each.
- Item 71 - Provide and install street sign post, only assembly @ \$49.12 each.
- Item 72 - Provide all labor and equipment to saw cut concrete, 4" @ \$9.35 per linear foot.
- Item 73 - Provide all labor and equipment to saw cut concrete, 6" @ \$15.40 per linear foot.
- Item 74 - Provide all labor and equipment to saw cut concrete, 8" @ \$20.35 per linear foot.
- Item 75 - Soil field density test for moisture content and density @ \$204.88 per visit.
- Item 76 - Concrete slump test @ \$495 each.
- Item 77 - Surveying service Florida registered (PLS) @ \$99 per hour.
- Item 78 - Thermo plastic painted lines on surface, 2" wide @ \$11 per linear foot.
- Item 79 - Thermo plastic painted lines on surface, 4" wide @ \$11 per linear foot.

- Item 80 - Thermo plastic painted lines on surface, 6" wide @ \$6.88 per linear foot.
- Item 81 - Catch, basin, type "P" @ \$1,705 each.
- Item 82 - Add on price for each additional foot of a type "P" drainage structure deeper than 8 foot @ \$231 per foot.
- Item 83 - Cost for Proctor @ \$165 each.
- Item 84 - Mobilization charge for projects less than \$1,500 @ \$385 per mobilization.

TOTAL: Items 1 through 84 - \$702,703.11

FOR INFORMATION PURPOSES ONLY

Items 85 through 94 shall be for rental equipment with operator.

- Item 85 - Escavator, cat. model 325, or equivalent @ \$102.30 per hour.
- Item 86 - Vibratory roller dynapack CA25, or equivalent @ \$62.70 per hour.
- Item 87 - Grader, Huber model 850B or equal @ \$74.80 per hour.
- Item 88 - Grader, caterpillar 120G or equal @ \$93.50 per hour.
- Item 89 - Loader: 2-1/2 cubic yard capacity same @ \$88 per hour.
- Item 90 - Bulldozer case model 450 or equal @ \$61.60 per hour.
- Item 91 - Backhoe combination, case model 580 or equal @ \$66 per hour.
- Item 92 - 18-cubic yard capacity dump truck @ \$57.20 per hour.
- Item 93 - Skid-steer loader new Holland model 750 or equal @ \$41.80 per hour.
- Item 94 - Add on price per hour for any backhoe attachment for the skid steer loader @ \$9.35 per hour.

TOTAL LOW AMOUNT: Items 85 through 94 - \$65,725

2. Authorize Procurement Management Services to purchase up to the total estimated amount of \$768,428.11