

**SECOND AMENDMENT TO TERM CONTRACT  
FOR PAVEMENT MANAGEMENT PROGRAM SERVICES  
(IFB-603616-19/BJC)**

**THIS SECOND AMENDMENT** is made and entered into this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, and is to that certain Agreement made and entered into on the 15<sup>th</sup> day of January, 2020, as amended on June 10, 2022, between **P & S PAVING, INC.**, whose address is 3701 Olson Drive, Daytona Beach, Florida 32124, in this Amendment referred to as “CONTRACTOR”, and **SEMINOLE COUNTY**, a charter county and political subdivision of the State of Florida, whose address is Seminole County Services Building, 1101 E. 1<sup>st</sup> Street, Sanford, Florida 32771, in this Amendment referred to as “COUNTY”.

**W I T N E S S E T H:**

**WHEREAS**, CONTRACTOR and COUNTY entered into the above referenced Agreement on January 15, 2020, as amended on June 10, 2022, to provide Pavement Management Program services in Seminole County; and

**WHEREAS**, the parties desire to amend the Agreement in order to revise the Scope of Services and Fee Structure, and to enable both parties to continue to enjoy the mutual benefits the Agreement provides; and

**WHEREAS**, Section 21 of the Agreement provides that any amendments will be valid only when expressed in writing and duly signed by the parties.

**NOW, THEREFORE**, in consideration of the mutual understandings and agreements contained in this Amendment, the parties agree to amend the Agreement as follows:

1. Exhibit A of the Agreement is deleted and replaced by the new Scope of Services and Fee Structure attached to this Second Amendment as Exhibit A.

2. Except as modified by this Second Amendment, all terms and conditions of the original Agreement remain in full force and effect for the term of the Agreement.

IN WITNESS WHEREOF, the parties have executed this Second Amendment for the purposes stated above.

ATTEST:

P & S PAVING, INC.



DIANA L. WEST, Secretary

(CORPORATE SEAL)

By:

  
CURTIS LONG, Vice-President

Date:

May 19, 2023

SEMINOLE COUNTY, FLORIDA

By:

TAMMY ROBERTS,  
Procurement Administrator

  
Date:

Witness

Print Name

Witness

Print Name

For the use and reliance of  
Seminole County only.

Approved as to form and  
legal sufficiency.

Within the authority delegated by the County  
Manager pursuant to Section 3.554, Seminole  
County Administrative Code.

County Attorney

GLK/lpk

5/3/23

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Attachment:

Exhibit A – Scope of Services and Fee Structure

## EXHIBIT A

### Scope of Services

**Seminole County Specification Hierarchy:** All requirements set forth by this IFB contract shall adhere to the rules and conditions described in Seminole County's General Conditions for Road, Bridge & Utility Construction <http://www.seminolecountyfl.gov/fs/purchasing/pdf/800roads.pdf>. In addition, the attached Supplemental Specifications for this contract shall take priority to the County's General Condition as they are specific to the pay items and basis of payment for this contract. **Bidder must be Florida Department of Transportation (FDOT) Prequalified in the following categories:**

- Hot Plant-mixed Bituminous Courses
- Flexible Paving

#### **PAY ITEM NOTES**

#### **GROUP I – Asphaltic Concrete**

##### **Superpave Asphaltic Concrete**

Included in the price of asphalt will be cost of all work and materials associated with the following items:

105 Quality Control; 300 Tack, Prime and Sand. **(Section 334).**

Basis of payment shall be under:

Items No. 334-1-xx Superpave Asphaltic Concrete - per ton.

##### **Asphalt Concrete Friction Course**

Included in the price of asphalt will be cost of all work and materials associated with the following items:

105 Quality Control; 300 Tack, Prime and Sand. **(Section 337).**

Basis of payment shall be under:

Items No. 337-7-xx Asphalt Concrete Friction Course - per ton.

##### **Miscellaneous Asphalt Pavement**

Included in the price of miscellaneous asphalt will be the cost of all work and materials associated with the following items:

105 Quality Control. **(Section 339).**

Basis of payment shall be under:

Item No. 339-1 Miscellaneous Asphalt Pavement - per ton.

#### **Notes:**

- 104 Erosion Control; 107 Litter Removal and Mowing; 110 Clearing and Grubbing; shall be included in the bid price for top lift of asphalt, and included in one of the items listed above.
- Prior to beginning any paving or milling activities, the Contractor is required to give 24 hour notice to the Engineer/CCEI.

## **GROUP II – Sand and Seal**

### **Prime and Tack Coats for Base Courses**

The pay item for Prime and Sand shall be a maintenance pay item only. Basis of payment shall be per square yard. The application of Prime and Sand or Tack on paving projects shall be included in the bid price of the asphalt under the 334 and 337 pay items. **(Section 916).**

Basis of payment shall be under:

Item No. 2-1 Prime and Sand - per square yard.

### **Asphalt Membrane Interlayer**

The pay item for Asphalt Membrane Interlayer includes cost of all work, materials, equipment, and incidentals associated with the application of asphalt binder material covered with a single application of aggregate, as specified in Section 341.

Basis of payment shall be under:

Item No. 341-1-1 Asphalt Membrane Interlayer - per square yard.

## **GROUP III – Milling Existing Asphalt**

### **Milling Existing Asphalt Pavement (Contractor)**

The basis of payment for milling shall be determined by multiplying the contract unit bid price (per square yard-inch) by the required mill depth (inches) from the individual project bid solicitation. The ultimate bid price for an individual project may not exceed the set contract rate for milling multiplied by the individual project thickness in inches. The milling material under this pay item will become the property of the Contractor. **(Section 327).**

Basis of payment shall be under:

Item No. 327-70A Milling Existing Asphalt Pavement - per square yard.

### **Milling Existing Asphalt Pavement (Yankee Lake)**

The basis of payment for milling shall be determined by multiplying the contract unit bid price (per square yard-inch) by the required mill depth (inches) from the individual project bid solicitation. The ultimate bid price for an individual project may not exceed the set contract rate for milling multiplied by the individual project thickness in inches. The milling material under this pay item will become the property of Seminole County, to be delivered by the Contractor to 501 Yankee Lake Rd, Sanford. **(Section 327).**

Basis of payment shall be under:

Item No. 327-70B Milling Existing Asphalt Pavement (Yankee Lake) - per square yard.

### **Milling Existing Asphalt Pavement (Oviedo Yard)**

The basis of payment for milling shall be determined by multiplying the contract unit bid price (per square yard-inch) by the required mill depth (inches) from the individual project bid solicitation. The ultimate bid price for an individual project may not exceed the set contract rate for milling multiplied by the individual project thickness in inches. The milling material under this pay item will become the

property of Seminole County, to be delivered by the Contractor to 1620 N. County Rd 426, Oviedo. **(Section 327).**

Basis of payment shall be under:

Item No. 327-70C Milling Existing Asphalt Pavement (Oviedo Yard) - per square yard.

#### **Milling Existing Asphalt Pavement (5 Points Yard)**

The basis of payment for milling shall be determined by multiplying the contract unit bid price (per square yard-inch) by the required mill depth (inches) from the individual project bid solicitation. The ultimate bid price for an individual project may not exceed the set contract rate for milling multiplied by the individual project thickness in inches. The milling material under this pay item will become the property of Seminole County, to be delivered by the Contractor to 4170 S. Orlando Dr. Sanford. **(Section 327).**

Basis of payment shall be under:

Item No. 327-70D Milling Existing Asphalt Pavement (5 Points Yard) - per square yard.

#### **Milling Existing Asphalt Pavement (Relocate)**

The basis of payment for milling shall be determined by multiplying the contract unit bid price (per square yard-inch) by the required mill depth (inches) from the individual project bid solicitation. The ultimate bid price for an individual project may not exceed the set contract rate for milling multiplied by the individual project thickness in inches. The milling material under this pay item will become the property of Seminole County and is to be delivered by the Contractor to any location specified that is within 5 miles of the project limits. **(Section 327).**

Basis of payment shall be under:

Item No. 327-70E Milling Existing Asphalt Pavement (Relocate) - per square yard.

#### **Note:**

- Prior to beginning any paving or milling activities, the Contractor is required to give 24 hour notice to the Engineer/CCEI.

### **GROUP IV**

#### **Temporary Retroreflective Pavement Markers (RPM)**

Price for Temporary RPM shall include layout, materials and application of temporary RPM to supplement temporary lane lines. Payment shall be based on final measurements of RPM's. **(Section 102).**

Basis of payment shall be under:

Item No. 102-78 Temporary Retroreflective Pavement Markers - each.

## Temporary Pavement Markings

Price for Temporary Pavement Markings shall include layout, materials and application of paint and/or removable tape. Payment shall be based on final measurements of removable tape, painted stripes, or painted messages. **(Section 102 & 710).**

Basis of payment shall be under:

- Item No. 102-911-2 Removable Tape (White/Black) - 6" - per foot.
- Item No. 102-912-2 Removable Tape (Yellow) - 6" - per foot.
- Item No. 710-11-xxx Temporary Pavement Marking, Paint, Solid - per foot.
- Item No. 710-11-xxx Temporary Pavement Marking, Paint, White, Message - each.
- Item No. 710-11-xxx Temporary Pavement Marking, Paint, White, Arrow - each.

## **GROUP V – Miscellaneous Items**

### **Liquidated Damages (LD)**

This item (LD) is a project specific item to be used with a predetermined number of contract days for time of completion. All pertinent project information, including identification of roadway type (major/minor) and number of contract days shall be included in the bid solicitation documents. Any project exceeding the allowable contract days will be subject to LD's as determined by the Engineer/CCEI.

End of Project punch list NOT completed within 30 days will be subject to LD's as determined by the Engineer/CCEI.

Time and weather shall be tracked and documented according to guidelines set by the FDOT Standard Specifications and amended in these contract documents.

General Conditions Sub-Section 3.2 is amended to include Article 5-2 of the 2019 FDOT Standard Specifications for Road and Bridge Construction regarding governing order of documents.

General Conditions Sub-Section 6.2.3: Work hours of 7:00 AM to 6:00 PM are amended to: 8:30 AM to 4:30 PM Monday thru Friday for daytime work, and 8:00 PM to 6:00 AM Sunday thru Thursday for nighttime work, and can be superseded by the bid solicitation documents as required. Any work performed outside of the hours stated in the bid solicitation will NOT be accepted or paid for without prior approval or authorization of the Engineer/CCEI.

General Conditions Sub-Section 6.42 and 6.43: Work suspensions, contractor vacations, and holidays are NOT included in the computation of contract time and will not be considered for time extensions.

General Conditions Sub-Sections 11.9.2 and 12.1.1.1.3: No days have been included in the Construction time estimate for utility adjustments. Time extensions will be granted, on a day for day basis, for delays caused by utility adjustments by others only if no other work can be completed during such time. Time extensions may be granted, on a day for day basis, for delays caused by the effects of rains or other inclement weather conditions only after 5 (five) weather days and if no other work can be completed during such time. Time extension due to weather shall be reviewed and approved by the Engineer/CCEI on a case-by-case basis. Time extensions granted under these sub-sections shall not be applied to MOT days specified in item 102-1 of the bid solicitation documents.

It is noted that Sub-Section 6-1.3 of the 2019 FDOT Standard Specifications regarding material certifications, shall apply to this contract and shall not be superseded by the General Conditions.

Payment for LD is set at a rate of **(-) \$500.00** for each day for minor streets/roads.

Payment for LD is set at a rate of **(-) \$1000.00** for each day for major roads.

A roadway is determined to be a minor street/road if it has an ADT less than 4,000 vehicles per day; otherwise it is considered a major road.

Basis of payment shall be under:

Item No. 5-1 Liquidated Damages LD (For Major Roads) – per day.

Item No. 5-2 Liquidated Damages LD (For Minor Streets/Roads) – per day.

### **Mobilization Charge**

These items are intended to be used for two types of mobilization. Routine mobilization on projects shall include all labor, equipment, and material specified in Section 101. The price bid for routine mobilization shall not exceed 5% of the contract total. Emergency mobilization is also included to address special 24-hour emergency circumstances only. **(Section 101).**

Basis of payment shall be under:

Item No. 101-1 Mobilization Charge - each.

Item No. 101-2 Mobilization Charge for 24-hour emergency response - each.

### **Maintenance of Traffic (MOT)**

The price for MOT shall be on a per day basis and shall be for a time not exceeding the MOT days specified in item 102-1 in the bid solicitation documents. Items included in this pay item will be the Arrow Board, required signs, channelizing devices, flaggers and other miscellaneous items typically required to maintain traffic.

Time extensions that may be granted for delays due to utility adjustments and/or inclement weather conditions will NOT be applied to the MOT days specified in item 102-1 the bid solicitation documents. NO compensation will be made for time that exceeds the MOT days specified in item 102-1 of the bid solicitation documents. The price bid for MOT shall not exceed \$1500 per day. **(Section 102).**

Basis of payment shall be under:

Item No. 102-1 Maintenance of Traffic – per day.

### **Traffic Control Officer**

The use of a Traffic Control Officer is defined in Section 102-7, as approved by the Engineer/CCEI.

Payment shall be per hour (2 hour minimum) and based on the hours worked by the officer as recorded by the Engineer/CCEI. **(Section 102).**

Basis of payment shall be under:

Item No. 102-14 Traffic Control Officer – per hour.

### **Portable Changeable Message Sign (PCMS)**

The use of PCMS shall be at the discretion and approval of the Engineer/CCEI. Payment shall be based on the number of signs certified as installed/used on the project as recorded by the Engineer/CCEI. **(Section 102).**



Basis of payment shall be under:

Item No. 102-99 Portable Changeable Message Sign – each day.

### **Rework Existing Asphalt Pavement**

This item is intended to make corrections to existing asphalt surfaces using indirect heat primarily to facilitate drainage and eliminate ponding on existing asphalt roadways.

Basis of payment shall be under:

Item No. 324-1 Rework Existing Asphalt Pavement – per square yard.

### **Manhole and Water Valve Ring Adjustment**

The price of this item is for removal/replacement/installation of a manhole riser ring or water valve cover to match the final asphalt surface. **(Section 425).**

Basis of payment shall be under:

Item No. 425-6 Water Valve or Similar Cover Adjustment - each.

Item No. 425-7 Manhole Ring Adjustment - each.

### **Asphaltic Concrete Curb**

The price of this item is for the installation of asphalt curb. Maximum cross-sectional area of 0.5 square feet. **(Section 525).**

Basis of payment shall be under:

Item No. 525-1 Asphaltic Concrete Curb – per linear foot.

## **GROUP VI**

### **FOB – Items**

Price for all items in this group will either be picked up at the asphalt plant by the County or delivered by the contractor where needed for Job Site items. **(Section 320; 334 & 337).**

Basis of payment shall be under:

Item No. 6-1 SP-12.5 Asphaltic Concrete, Traffic C – per ton.

Item No. 6-2 SP-9.5 Asphaltic Concrete, Traffic C – per ton.

Item No. 6-3 Asphaltic Concrete Friction Course, Traffic C, FC-12.5 (PG 76-22) – per ton.

Item No. 6-4 Asphaltic Concrete Friction Course, Traffic C, FC 9.5 (PG 76-22) – per ton.

Item No. 6-5 Asphalt Milling Material – per ton.

Item No. 6-6 Tack Type RS-1/RS-2 – per gallon.



## **GROUP VII**

### **Regular Excavation**

The price for this item includes the grading excavation and removal of all materials.  
**(Section 120).**

Basis of payment shall be under:

Items No. 120-1 Regular Excavation - per cubic yard.

### **Embankment**

The price for this item includes all materials required to build an embankment.  
**(Section 120).**

Basis of payment shall be under:

Item No. 120-6 Embankment- per cubic yard.

### **Flowable Fill**

This item is intended to fill voids, stabilize shoulders on roadway or other location that may require a method of permanently addressing areas of concern, includes all labor, equipment and materials.  
**(Section 121).**

Basis of payment shall be under:

Item No. 121-70 Flowable Fill – per cubic yard.

### **Type-B Stabilization**

The price for Stabilized Sub-grade includes all labor, equipment and materials that will be required to construct and test a 12" Stabilized Sub-grade as specified by **(Section 160).**

Basis of payment shall be under:

Item No. 160-4 12" Type-B Stabilization LBR 40 – per square yard.

### **Base**

The price for road base shall include all labor, equipment and materials that will be required to construct road base Group (1, 6, & 9). Base groups 1 and 6 shall consist of limerock (LBR 100) only. Base group 9 shall consist of limerock (LBR 100) or 6" Type B-12.5, as specified by the bid documents. **(Section 285).**

Basis of payment shall be under:

Item No. 285-xxx Base Group- x - per square yard.

### **Performance Turf, Sod**

The price for this item includes all work necessary to prepare the surface and place sod in areas indicated in the bid solicitation. **(Section 570).**

Basis of payment shall be under:

Item No. 570-1-2 Performance Turf, Sod – per square yard.

### **Shoulder Rework**

The price for this item includes the grading and mixing of roadway shoulders according to FDOT Design Standard Index 105. Sodding of shoulder rework area is included in this item.

Basis of payment shall be under:

Item No. 577-70 Shoulder Rework - per square yard.

### **NOTES:**

- Performance Bond, Payment Bond and Materials and Workmanship Bonds will be required for this project.

## Part 4 Price Submittal

### IFB-603616-19/BJC - Pavement Management Program

Name of Bidder: P&S Paving, Inc.

Mailing Address: 3701 Olsen Drive

Street Address: 3701 Olsen Drive

City/State/Zip: Daytona Beach, Florida 32124

Phone Number: (386) 258-7911 FAX Number: (386) 258-9313

E-Mail Address: [jmurray@pandspaving.com](mailto:jmurray@pandspaving.com)

Prusuant to and in compliance with the IFB Documents, the undersigned Bidder agrees to provide and furnish any and all of the labor, material, tools, equipment, incidentals and transportation services necessary to complete all of the Work required in connection with the Bid Documents for the amount hereinafter set forth. Bidder declares that the only persons or parties interested in this bid as principals are those named herein; that this bid is made without collusion with any person, firm or corperation; and he proposes and agrees, if the bid is accepted, that he / she will accept to enter into an Ageement with the COUNTY in the form set forth in the Purchase Order and solicitation Documents. The cost of the units shall include all costs, including but not limited to:

General Administrative Overhead, fringe and benefits and profit, all documentation required for operation, delivery / transportation of unit(s) to the County's delivery address, indirect costs, i.e., insurance, ect., and indirect labor costs.

|   |              |                             |
|---|--------------|-----------------------------|
| Group I - Asphalt                             | Subtotal: \$ | <u>26,466,940.30</u>        |
| Group II - Sand and Seal in-place             | Subtotal: \$ | <u>67,190.00</u>            |
| Group III - Milling                           | Subtotal: \$ | <u>757,020.00</u>           |
| Group IV - Striping                           | Subtotal: \$ | <u>59,813.00</u>            |
| Group V - Miscellaneous Items                 | Subtotal: \$ | <u>134,651.42</u>           |
| Group VI - Asphalt Materials (materials only) | Subtotal: \$ | <u>359,620.00</u>           |
| Group VII - Earthwork                         | Subtotal: \$ | <u>1,106,804.00</u>         |
| <b>TOTAL BID:</b>                             | <b>\$</b>    | <b><u>28,952,038.72</u></b> |

Performance/Payment/Material-Workmanship Bonds Costs: 1% of contract value.  
(Do not include in Unit Costs)



**IFB-603616-19/BJC - Pavement Management Program Services  
Road Construction Products & Related Materials**

**Group I: Asphalt Concrete and Friction Course in-place**

| Pay Item No.             | Item Description   | 0-50 Tons/Job                               | 0-50 Tons/Job +20%                          | 51-400 Tons/Job                             | 51-400 Tons/Job +20%                        | 401-2000 Tons/Job                             | 401-2000 Tons/Job +20%                        | 2001-4000 Tons/Job                            | 2001-4000 Tons/Job +20%                       | Over 4000 Tons/Job                             | Over 4000 Tons/Job +20%                        | Sum of Extended Costs   |
|--------------------------|--|---|---|---|---|---|---|---|---|--|--|-------------------------|
| 334-1-12                 | Superpave Asphaltic Concrete<br>Traffic Level B                                | Estimated 50 Tons<br><b>\$ 282.18 /Ton</b>  | Estimated 50 Tons<br><b>\$ 338.61 /Ton</b>  | Estimated 300 Tons<br><b>\$ 152.37 /Ton</b> | Estimated 300 Tons<br><b>\$ 182.85 /Ton</b> | Estimated 1,800 Tons<br><b>\$ 108.33 /Ton</b> | Estimated 1,800 Tons<br><b>\$ 130.00 /Ton</b> | Estimated 3,800 Tons<br><b>\$ 100.34 /Ton</b> | Estimated 3,800 Tons<br><b>\$ 120.41 /Ton</b> | Estimated 6,000 Tons<br><b>\$ 99.33 /Ton</b>   | Estimated 6,000 Tons<br><b>\$ 119.19 /Ton</b>  | <b>\$ 1,478,483.50</b>  |
|                          |  | Total: \$ 14,108.75                         | Total: \$ 16,930.50                         | Total: \$ 45,712.35                         | Total: \$ 54,855.00                         | Total: \$ 194,998.73                          | Total: \$ 234,000.00                          | Total: \$ 381,297.43                          | Total: \$ 457,558.00                          | Total: \$ 595,953.60                           | Total: \$ 715,140.00                           |                         |
| 334-1-13                 | Superpave Asphaltic Concrete<br>Traffic Level C                                | Estimated 100 Tons<br><b>\$ 282.18 /Ton</b> | Estimated 100 Tons<br><b>\$ 338.61 /Ton</b> | Estimated 600 Tons<br><b>\$ 152.37 /Ton</b> | Estimated 600 Tons<br><b>\$ 182.85 /Ton</b> | Estimated 2,600 Tons<br><b>\$ 107.51 /Ton</b> | Estimated 2,600 Tons<br><b>\$ 129.01 /Ton</b> | Estimated 6,000 Tons<br><b>\$ 99.57 /Ton</b>  | Estimated 6,000 Tons<br><b>\$ 119.49 /Ton</b> | Estimated 18,000 Tons<br><b>\$ 99.33 /Ton</b>  | Estimated 18,000 Tons<br><b>\$ 119.19 /Ton</b> | <b>\$ 3,341,357.00</b>  |
|                          |  | Total: \$ 28,217.50                         | Total: \$ 33,861.00                         | Total: \$ 91,424.70                         | Total: \$ 109,710.00                        | Total: \$ 279,522.56                          | Total: \$ 335,426.00                          | Total: \$ 597,443.48                          | Total: \$ 716,940.00                          | Total: \$ 1,787,860.80                         | Total: \$ 2,145,420.00                         |                         |
| 334-1-52                 | Superpave Asphaltic Concrete<br>Traffic Level B<br>(PG 76-22)                  | Estimated 50 Tons<br><b>\$ 282.18 /Ton</b>  | Estimated 50 Tons<br><b>\$ 338.61 /Ton</b>  | Estimated 300 Tons<br><b>\$ 169.31 /Ton</b> | Estimated 300 Tons<br><b>\$ 203.17 /Ton</b> | Estimated 1,800 Tons<br><b>\$ 131.84 /Ton</b> | Estimated 1,800 Tons<br><b>\$ 158.21 /Ton</b> | Estimated 3,800 Tons<br><b>\$ 122.14 /Ton</b> | Estimated 3,800 Tons<br><b>\$ 146.56 /Ton</b> | Estimated 6,000 Tons<br><b>\$ 118.51 /Ton</b>  | Estimated 6,000 Tons<br><b>\$ 142.22 /Ton</b>  | <b>\$ 1,772,907.50</b>  |
|                          |  | Total: \$ 14,108.75                         | Total: \$ 16,930.50                         | Total: \$ 50,791.50                         | Total: \$ 60,951.00                         | Total: \$ 237,318.20                          | Total: \$ 284,778.00                          | Total: \$ 464,119.18                          | Total: \$ 556,928.00                          | Total: \$ 711,081.00                           | Total: \$ 853,320.00                           |                         |
| 334-1-53                 | Superpave Asphaltic Concrete<br>Traffic Level C<br>(PG 76-22)                  | Estimated 100 Tons<br><b>\$ 282.18 /Ton</b> | Estimated 100 Tons<br><b>\$ 338.61 /Ton</b> | Estimated 600 Tons<br><b>\$ 169.31 /Ton</b> | Estimated 600 Tons<br><b>\$ 203.17 /Ton</b> | Estimated 2,600 Tons<br><b>\$ 130.91 /Ton</b> | Estimated 2,600 Tons<br><b>\$ 157.09 /Ton</b> | Estimated 8,000 Tons<br><b>\$ 128.04 /Ton</b> | Estimated 8,000 Tons<br><b>\$ 153.65 /Ton</b> | Estimated 20,000 Tons<br><b>\$ 122.40 /Ton</b> | Estimated 20,000 Tons<br><b>\$ 146.88 /Ton</b> | <b>\$ 4,730,997.00</b>  |
|                          |  | Total: \$ 28,217.50                         | Total: \$ 33,861.00                         | Total: \$ 101,583.00                        | Total: \$ 121,902.00                        | Total: \$ 340,357.23                          | Total: \$ 408,434.00                          | Total: \$ 1,024,317.82                        | Total: \$ 1,229,200.00                        | Total: \$ 2,447,924.56                         | Total: \$ 2,937,600.00                         |                         |
| 334-1-57                 | Superpave Asphaltic Concrete<br>Traffic Level C<br>High Polymer                | Estimated 80 Tons<br><b>\$ 253.96 /Ton</b>  | Estimated 80 Tons<br><b>\$ 304.75 /Ton</b>  | Estimated 300 Tons<br><b>\$ 197.52 /Ton</b> | Estimated 300 Tons<br><b>\$ 237.03 /Ton</b> | Estimated 1,800 Tons<br><b>\$ 155.76 /Ton</b> | Estimated 1,800 Tons<br><b>\$ 186.91 /Ton</b> | Estimated 3,800 Tons<br><b>\$ 146.73 /Ton</b> | Estimated 3,800 Tons<br><b>\$ 176.08 /Ton</b> | Estimated 6,000 Tons<br><b>\$ 141.09 /Ton</b>  | Estimated 6,000 Tons<br><b>\$ 169.31 /Ton</b>  | <b>\$ 2,116,891.00</b>  |
|                          |  | Total: \$ 20,316.60                         | Total: \$ 24,380.00                         | Total: \$ 59,256.75                         | Total: \$ 71,109.00                         | Total: \$ 280,369.08                          | Total: \$ 336,438.00                          | Total: \$ 557,577.80                          | Total: \$ 669,104.00                          | Total: \$ 846,525.00                           | Total: \$ 1,015,860.00                         |                         |
| 337-7-82                 | Asphalt Concrete<br>Friction Course<br>Traffic Level C<br>FC-9.5 (PG 76-22)    | Estimated 100 Tons<br><b>\$ 282.18 /Ton</b> | Estimated 100 Tons<br><b>\$ 338.61 /Ton</b> | Estimated 400 Tons<br><b>\$ 150.00 /Ton</b> | Estimated 400 Tons<br><b>\$ 180.00 /Ton</b> | Estimated 2,000 Tons<br><b>\$ 128.58 /Ton</b> | Estimated 2,000 Tons<br><b>\$ 154.30 /Ton</b> | Estimated 6,000 Tons<br><b>\$ 120.04 /Ton</b> | Estimated 6,000 Tons<br><b>\$ 144.05 /Ton</b> | Estimated 8,000 Tons<br><b>\$ 115.15 /Ton</b>  | Estimated 8,000 Tons<br><b>\$ 138.18 /Ton</b>  | <b>\$ 2,384,201.00</b>  |
|                          |  | Total: \$ 28,217.50                         | Total: \$ 33,861.00                         | Total: \$ 60,000.00                         | Total: \$ 72,000.00                         | Total: \$ 257,160.00                          | Total: \$ 308,600.00                          | Total: \$ 720,240.00                          | Total: \$ 864,300.00                          | Total: \$ 921,200.00                           | Total: \$ 1,105,440.00                         |                         |
| 337-7-83                 | Asphalt Concrete<br>Friction Course<br>Traffic Level C<br>FC-12.5 (PG 76-22)   | Estimated 100 Tons<br><b>\$ 282.18 /Ton</b> | Estimated 100 Tons<br><b>\$ 338.61 /Ton</b> | Estimated 600 Tons<br><b>\$ 150.00 /Ton</b> | Estimated 600 Tons<br><b>\$ 180.00 /Ton</b> | Estimated 2,600 Tons<br><b>\$ 122.81 /Ton</b> | Estimated 2,600 Tons<br><b>\$ 147.37 /Ton</b> | Estimated 8,000 Tons<br><b>\$ 118.26 /Ton</b> | Estimated 8,000 Tons<br><b>\$ 141.91 /Ton</b> | Estimated 20,000 Tons<br><b>\$ 120.26 /Ton</b> | Estimated 20,000 Tons<br><b>\$ 144.31 /Ton</b> | <b>\$ 4,546,503.00</b>  |
|                          |  | Total: \$ 28,217.50                         | Total: \$ 33,861.00                         | Total: \$ 90,000.00                         | Total: \$ 108,000.00                        | Total: \$ 319,306.00                          | Total: \$ 383,162.00                          | Total: \$ 946,080.00                          | Total: \$ 1,135,280.00                        | Total: \$ 2,405,200.00                         | Total: \$ 2,886,200.00                         |                         |
| 337-7-85                 | Asphalt Concrete<br>Friction Course<br>Traffic Level D<br>FC-12.5 (PG 76-22)   | Estimated 50 Tons<br><b>\$ 282.18 /Ton</b>  | Estimated 50 Tons<br><b>\$ 338.61 /Ton</b>  | Estimated 300 Tons<br><b>\$ 169.31 /Ton</b> | Estimated 300 Tons<br><b>\$ 203.17 /Ton</b> | Estimated 1,800 Tons<br><b>\$ 138.62 /Ton</b> | Estimated 1,800 Tons<br><b>\$ 166.34 /Ton</b> | Estimated 3,800 Tons<br><b>\$ 128.97 /Ton</b> | Estimated 3,800 Tons<br><b>\$ 154.76 /Ton</b> | Estimated 6,000 Tons<br><b>\$ 123.46 /Ton</b>  | Estimated 6,000 Tons<br><b>\$ 148.15 /Ton</b>  | <b>\$ 1,854,281.50</b>  |
|                          |  | Total: \$ 14,108.75                         | Total: \$ 16,930.50                         | Total: \$ 50,791.50                         | Total: \$ 60,951.00                         | Total: \$ 249,508.16                          | Total: \$ 299,412.00                          | Total: \$ 490,068.00                          | Total: \$ 588,088.00                          | Total: \$ 740,743.24                           | Total: \$ 888,900.00                           |                         |
| 337-7-92                 | Asphalt Concrete<br>Friction Course<br>Traffic Level C<br>FC-9.5 High Polymer  | Estimated 80 Tons<br><b>\$ 338.61 /Ton</b>  | Estimated 80 Tons<br><b>\$ 406.33 /Ton</b>  | Estimated 300 Tons<br><b>\$ 197.52 /Ton</b> | Estimated 300 Tons<br><b>\$ 237.03 /Ton</b> | Estimated 1,800 Tons<br><b>\$ 156.42 /Ton</b> | Estimated 1,800 Tons<br><b>\$ 187.70 /Ton</b> | Estimated 3,800 Tons<br><b>\$ 146.78 /Ton</b> | Estimated 3,800 Tons<br><b>\$ 176.13 /Ton</b> | Estimated 6,000 Tons<br><b>\$ 141.26 /Ton</b>  | Estimated 6,000 Tons<br><b>\$ 169.51 /Ton</b>  | <b>\$ 2,127,829.40</b>  |
|                          |  | Total: \$ 27,088.80                         | Total: \$ 32,506.40                         | Total: \$ 59,256.75                         | Total: \$ 71,109.00                         | Total: \$ 281,547.44                          | Total: \$ 337,860.00                          | Total: \$ 557,749.36                          | Total: \$ 669,294.00                          | Total: \$ 847,540.83                           | Total: \$ 1,017,060.00                         |                         |
| 337-7-93                 | Asphalt Concrete<br>Friction Course<br>Traffic Level C<br>FC-12.5 High Polymer | Estimated 80 Tons<br><b>\$ 338.61 /Ton</b>  | Estimated 80 Tons<br><b>\$ 406.33 /Ton</b>  | Estimated 400 Tons<br><b>\$ 197.52 /Ton</b> | Estimated 400 Tons<br><b>\$ 237.03 /Ton</b> | Estimated 1,800 Tons<br><b>\$ 149.90 /Ton</b> | Estimated 1,800 Tons<br><b>\$ 179.88 /Ton</b> | Estimated 3,800 Tons<br><b>\$ 140.25 /Ton</b> | Estimated 3,800 Tons<br><b>\$ 168.30 /Ton</b> | Estimated 6,000 Tons<br><b>\$ 134.74 /Ton</b>  | Estimated 6,000 Tons<br><b>\$ 161.69 /Ton</b>  | <b>\$ 2,060,782.40</b>  |
|                          |  | Total: \$ 27,088.80                         | Total: \$ 32,506.40                         | Total: \$ 79,009.00                         | Total: \$ 94,812.00                         | Total: \$ 269,824.76                          | Total: \$ 323,784.00                          | Total: \$ 532,958.60                          | Total: \$ 639,540.00                          | Total: \$ 808,465.24                           | Total: \$ 970,140.00                           |                         |
| 339-1                    | Miscellaneous Asphalt<br>Pavement  | Estimated 50 Tons<br><b>\$ 198.09 /Ton</b>  | Estimated 50 Tons<br><b>\$ 237.70 /Ton</b>  | Estimated 200 Tons<br><b>\$ 170.10 /Ton</b> | Estimated 200 Tons<br><b>\$ 204.11 /Ton</b> |   |   |   |   |  |  | <b>\$ 52,707.00</b>     |
|                          |  | Total: \$ 9,904.34                          | Total: \$ 11,885.00                         | Total: \$ 34,019.02                         | Total: \$ 40,822.00                         |   |   |   |   |  |  |                         |
| <b>TOTAL FOR GROUP I</b> |  |   |   |   |   |   |   |   |   |  |  | <b>\$ 26,466,940.30</b> |

Company Name: P&S



**IFB-603616-19/BJC - Pavement Management Program Services  
Road Construction Products & Related Materials**

**Group II: Sand and Seal in-place**

| Pay Item No.       | Item Description            | 0-1000 SY/Job       | 0-1000 SY/Job +20%  | 1001-2000 SY/Job   | 1001-2000 SY/Job +20% | 2001-3000 SY/Job    | 2001-3000 SY/Job +20% | Over 3000 SY/Job    | Over 3000 SY/Job +20% | Sum of Extended Costs |
|--------------------|-----------------------------|---------------------|---------------------|--------------------|-----------------------|---------------------|-----------------------|---------------------|-----------------------|-----------------------|
| 2-1                | Prime and Sand              | Estimated 500 SY    | Estimated 500 SY    | Estimated 1500 SY  | Estimated 1500 SY     | Estimated 2500 SY   | Estimated 2500 SY     | Estimated 3500 SY   | Estimated 3500 SY     |                       |
|                    |                             | <b>\$ 2.03 /SY</b>  | <b>\$ 2.44 /SY</b>  | <b>\$ 0.68 /SY</b> | <b>\$ 0.81 /SY</b>    | <b>\$ 0.62 /SY</b>  | <b>\$ 0.74 /SY</b>    | <b>\$ 0.62 /SY</b>  | <b>\$ 0.74 /SY</b>    | <b>\$ 6,875.00</b>    |
|                    | (Section 916)               | Total: \$ 1,015.83  | Total: \$ 1,220.00  | Total: \$ 1,015.83 | Total: \$ 1,215.00    | Total: \$ 1,551.96  | Total: \$ 1,850.00    | Total: \$ 2,172.75  | Total: \$ 2,590.00    |                       |
| 341-1-1            | Asphalt Membrane Interlayer | Estimated 500 SY    | Estimated 500 SY    | Estimated 1500 SY  | Estimated 1500 SY     | Estimated 2500 SY   | Estimated 2500 SY     | Estimated 3500 SY   | Estimated 3500 SY     |                       |
|                    |                             | <b>\$ 14.90 /SY</b> | <b>\$ 17.88 /SY</b> | <b>\$ 6.21 /SY</b> | <b>\$ 7.45 /SY</b>    | <b>\$ 5.59 /SY</b>  | <b>\$ 6.70 /SY</b>    | <b>\$ 5.59 /SY</b>  | <b>\$ 6.70 /SY</b>    | <b>\$ 60,315.00</b>   |
|                    | (Section 341)               | Total: \$ 7,449.42  | Total: \$ 8,940.00  | Total: \$ 9,311.78 | Total: \$ 11,175.00   | Total: \$ 13,967.66 | Total: \$ 16,750.00   | Total: \$ 19,554.73 | Total: \$ 23,450.00   |                       |
| TOTAL FOR GROUP II |                             |                     |                     |                    |                       |                     |                       |                     |                       | <b>\$ 67,190.00</b>   |

Company Name: P&S



**IFB-603616-19/BJC - Pavement Management Program Services  
Road Construction Products & Related Materials**

**Group III: Milling Existing Asphalt Pavement in-place**

| Pay Item No.               | Item Description  | 0-1000 SY/Job   | 0-1000 SY/Job +20%  | 1001-2000 SY/Job   | 1001-2000 SY/Job +20%  | 2001-3000 SY/Job  | 2001-3000 SY/Job +20%   | Over 3000 SY/Job   | Over 3000 SY/Job +20%  | Sum of Extended Costs |
|----------------------------|---|---|---|--|--|---|---|--|--|-----------------------|
| 327-70-A                   | Milling Existing Asphalt Pvmnt. (Contractor's Plant)<br>Milled Material becomes property of the Contractor                | Estimated 1,000 SY<br><br><b>\$ 7.28 /SY Inch</b><br><br>Total: \$ 7,280.12 | Estimated 1,000 SY<br><br><b>\$ 8.74 /SY Inch</b><br><br>Total: \$ 8,740.00   | Estimated 2,000 SY<br><br><b>\$ 3.88 /SY Inch</b><br><br>Total: \$ 7,765.46  | Estimated 2,000 SY<br><br><b>\$ 4.66 /SY Inch</b><br><br>Total: \$ 9,320.00  | Estimated 8,000 SY<br><br><b>\$ 2.91 /SY Inch</b><br><br>Total: \$ 23,296.37  | Estimated 8,000 SY<br><br><b>\$ 3.49 /SY Inch</b><br><br>Total: \$ 27,920.00  | Estimated 30,000 SY<br><br><b>\$ 2.31 /SY Inch</b><br><br>Total: \$ 69,415.05  | Estimated 30,000 SY<br><br><b>\$ 2.78 /SY Inch</b><br><br>Total: \$ 83,400.00  | <b>\$ 129,380.00</b>  |
| 327-70-B                   | Milling Existing Asphalt Pvmnt. (Yankee Lake Yard)<br>Milled Material delivered to: 501 Yankee Lake Rd. Sanford FL, 32771 | Estimated 1,000 SY<br><br><b>\$ 8.74 /SY Inch</b><br><br>Total: \$ 8,736.14 | Estimated 1,000 SY<br><br><b>\$ 10.48 /SY Inch</b><br><br>Total: \$ 10,480.00 | Estimated 3,000 SY<br><br><b>\$ 4.66 /SY Inch</b><br><br>Total: \$ 13,984.59 | Estimated 3,000 SY<br><br><b>\$ 5.59 /SY Inch</b><br><br>Total: \$ 16,770.00 | Estimated 10,000 SY<br><br><b>\$ 3.50 /SY Inch</b><br><br>Total: \$ 34,989.70 | Estimated 10,000 SY<br><br><b>\$ 4.20 /SY Inch</b><br><br>Total: \$ 42,000.00 | Estimated 40,000 SY<br><br><b>\$ 2.91 /SY Inch</b><br><br>Total: \$ 116,481.84 | Estimated 40,000 SY<br><br><b>\$ 3.49 /SY Inch</b><br><br>Total: \$ 139,600.00 | <b>\$ 208,850.00</b>  |
| 327-70-C                   | Milling Existing Asphalt Pvmnt. (Oviedo Yard)<br>Milled Material delivered to: 1620 N. County Rd 426 Oviedo, FL 32765     | Estimated 1,000 SY<br><br><b>\$ 7.74 /SY Inch</b><br><br>Total: \$ 7,740.00 | Estimated 1,000 SY<br><br><b>\$ 9.29 /SY Inch</b><br><br>Total: \$ 9,290.00   | Estimated 4,000 SY<br><br><b>\$ 4.13 /SY Inch</b><br><br>Total: \$ 16,520.00 | Estimated 4,000 SY<br><br><b>\$ 4.96 /SY Inch</b><br><br>Total: \$ 19,840.00 | Estimated 12,000 SY<br><br><b>\$ 3.10 /SY Inch</b><br><br>Total: \$ 37,200.00 | Estimated 12,000 SY<br><br><b>\$ 3.72 /SY Inch</b><br><br>Total: \$ 44,640.00 | Estimated 50,000 SY<br><br><b>\$ 2.58 /SY Inch</b><br><br>Total: \$ 129,000.00 | Estimated 50,000 SY<br><br><b>\$ 3.10 /SY Inch</b><br><br>Total: \$ 155,000.00 | <b>\$ 228,770.00</b>  |
| 327-70-D                   | Milling Existing Asphalt Pvmnt. (5 Points Yard)<br>Milled Material delivered to: 4170 S. Orlando Drive Sanford FL, 32773  | Estimated 1,000 SY<br><br><b>\$ 8.74 /SY Inch</b><br><br>Total: \$ 8,736.14 | Estimated 1,000 SY<br><br><b>\$ 10.48 /SY Inch</b><br><br>Total: \$ 10,480.00 | Estimated 2,000 SY<br><br><b>\$ 4.66 /SY Inch</b><br><br>Total: \$ 9,323.06  | Estimated 2,000 SY<br><br><b>\$ 5.59 /SY Inch</b><br><br>Total: \$ 11,180.00 | Estimated 6,000 SY<br><br><b>\$ 3.50 /SY Inch</b><br><br>Total: \$ 20,993.82  | Estimated 6,000 SY<br><br><b>\$ 4.20 /SY Inch</b><br><br>Total: \$ 25,200.00  | Estimated 20,000 SY<br><br><b>\$ 2.91 /SY Inch</b><br><br>Total: \$ 58,240.92  | Estimated 20,000 SY<br><br><b>\$ 3.49 /SY Inch</b><br><br>Total: \$ 69,800.00  | <b>\$ 116,660.00</b>  |
| 327-70-E                   | Milling Existing Asphalt Pvmnt. (Relocate)<br>Milled Material delivered to: Location within 5 miles of Project Limits     | Estimated 1,000 SY<br><br><b>\$ 8.74 /SY Inch</b><br><br>Total: \$ 8,736.14 | Estimated 1,000 SY<br><br><b>\$ 10.48 /SY Inch</b><br><br>Total: \$ 10,480.00 | Estimated 2,000 SY<br><br><b>\$ 4.66 /SY Inch</b><br><br>Total: \$ 9,323.06  | Estimated 2,000 SY<br><br><b>\$ 5.59 /SY Inch</b><br><br>Total: \$ 11,180.00 | Estimated 4,000 SY<br><br><b>\$ 3.50 /SY Inch</b><br><br>Total: \$ 13,995.88  | Estimated 4,000 SY<br><br><b>\$ 4.20 /SY Inch</b><br><br>Total: \$ 16,800.00  | Estimated 10,000 SY<br><br><b>\$ 2.91 /SY Inch</b><br><br>Total: \$ 29,120.46  | Estimated 10,000 SY<br><br><b>\$ 3.49 /SY Inch</b><br><br>Total: \$ 34,900.00  | <b>\$ 73,360.00</b>   |
| <b>TOTAL FOR GROUP III</b> |   |   |   |  |  |   |   |  |  | <b>\$ 757,020.00</b>  |

Company Name: P&S



**IFB-603616-19/BJC - Pavement Management Program Services  
Road Construction Products & Related Materials**

**Group IV: Temporary Pavement Marking in-place**

| Pay Item No.              | Item Description   | Estimated Qty. | Units | Unit Cost | Unit Cost +20% | Sum of Extended Cost |
|---------------------------|--|----------------|-------|-----------|----------------|----------------------|
| 102-78                    | Temporary Retroreflective Pavement Markers                     | 2,000          | EA    | \$ 6.67   | \$ 8.01        | \$ 13,346.40         |
| 102-911-2                 | Removable Tape, White/Black, Solid, 6"                         | 1,000          | LF    | \$ 2.00   | \$ 2.40        | \$ 2,001.96          |
| 102-912-2                 | Removable Tape, Yellow, Solid, 6"                              | 1,000          | LF    | \$ 2.00   | \$ 2.40        | \$ 2,001.96          |
| 710-11-121                | Temporary Pavement Markings, Paint, White, Solid, 6"           | 20,000         | LF    | \$ 0.33   | \$ 0.40        | \$ 6,673.20          |
| 710-11-123                | Temporary Pavement Markings, Paint, White, Solid, 12"          | 4,000          | LF    | \$ 0.33   | \$ 0.40        | \$ 1,334.64          |
| 710-11-125                | Temporary Pavement Markings, Paint, White, Solid, 24"          | 2,000          | LF    | \$ 4.00   | \$ 4.80        | \$ 8,007.84          |
| 710-11-221                | Temporary Pavement Markings, Paint, Yellow, Solid, 6"          | 30,000         | LF    | \$ 0.33   | \$ 0.40        | \$ 10,009.80         |
| 710-11-224                | Temporary Pavement Markings, Paint, Yellow, Solid, 18"         | 2,000          | LF    | \$ 1.67   | \$ 2.00        | \$ 3,336.60          |
| 710-11-160-B              | Temporary Pavement Markings, Paint, White, Message, "SCHOOL"   | 20             | EA    | \$ 94.54  | \$ 113.44      | \$ 1,890.74          |
| 710-11-160-C              | Temporary Pavement Markings, Paint, White, Message, "MERGE"    | 5              | EA    | \$ 94.54  | \$ 113.44      | \$ 472.69            |
| 710-11-160-E              | Temporary Pavement Markings, Paint, White, Message, "RIGHT"    | 10             | EA    | \$ 94.54  | \$ 113.44      | \$ 945.37            |
| 710-11-160-F              | Temporary Pavement Markings, Paint, White, Message, "TRIAL"    | 5              | EA    | \$ 94.54  | \$ 113.44      | \$ 472.69            |
| 710-11-160-G              | Temporary Pavement Markings, Paint, White, Message, "XING"     | 5              | EA    | \$ 94.54  | \$ 113.44      | \$ 472.69            |
| 710-11-160-H              | Temporary Pavement Markings, Paint, White, Message, "LEFT"     | 10             | EA    | \$ 94.54  | \$ 113.44      | \$ 945.37            |
| 710-11-160-J              | Temporary Pavement Markings, Paint, White, Message, "TURN"     | 5              | EA    | \$ 94.54  | \$ 113.44      | \$ 472.69            |
| 710-11-160-K              | Temporary Pavement Markings, Paint, White, Message, "LANE"     | 5              | EA    | \$ 94.54  | \$ 113.44      | \$ 472.69            |
| 710-11-160-L              | Temporary Pavement Markings, Paint, White, Message, "ONLY"     | 10             | EA    | \$ 94.54  | \$ 113.44      | \$ 945.37            |
| 710-11-160-P              | Temporary Pavement Markings, Paint, White, Message, "RXR"      | 20             | EA    | \$ 133.46 | \$ 160.16      | \$ 2,669.28          |
| 710-11-170                | Temporary Pavement Markings, Paint, White, Arrow (Single)      | 50             | EA    | \$ 46.71  | \$ 56.05       | \$ 2,335.62          |
| 710-11-170-A              | Temporary Pavement Markings, Paint, White, Arrow (Turn & Thru) | 10             | EA    | \$ 94.54  | \$ 113.44      | \$ 945.37            |
| 710-11-180                | Temporary Pavement Markings, Paint, White, Yield Line          | 10             | LF    | \$ 6.01   | \$ 7.21        | \$ 60.06             |
| <b>TOTAL FOR GROUP IV</b> |  |                |       |           |                | <b>\$ 59,813.00</b>  |

Company Name: P&S





**IFB-603616-19/BJC - Pavement Management Program Services  
Road Construction Products & Related Materials**

**Group V: Misc. Items - LD's, Mobilization, MOT, Traffic Control Officer, PCMS, Rework Exist. Asph., Utility Valve & MH Adjust, Asph. Curb**

| Pay Item No.             | Description   | Quantity  | Quantity +20%   | Sum of Extended Cost                         |
|--------------------------|---|---|---|--|
| 5-1                      | Liquidated Damages LD (For Major Roads)<br>(For use on Projects having a defined number of contract days for time of completion as advertised in the individual bid solicitation for that Project.)         | Estimated 1 Each per Project<br>-1,000.00 ED<br>Total: -\$1,000.00        | Estimated 1 Each per Project<br>-1,000.00 ED<br>Total: -\$1,000.00        | <b>Do Not Include this Item in Bid Total</b> |
| 5-2                      | Liquidated Damages LD (For Minor Streets/Roads)<br>(For use on Projects having a defined number of contract days for time of completion as advertised in the individual bid solicitation for that Project.) | Estimated 1 Each per Project<br>-\$500.00 ED<br>Total: -\$500.00          | Estimated 1 Each per Project<br>-\$500.00 ED<br>Total: -\$500.00          | <b>Do Not Include this Item in Bid Total</b> |
| 101-1                    | Mobilization Charge (not to exceed 5% of contract total)<br>Includes all Labor, Equipment and Materials.  | Estimated 1 Each per Project<br><b>Not to Exceed 5% of Contract Total</b> | Estimated 1 Each per Project<br><b>Not to Exceed 5% of Contract Total</b> | <b>Do Not Include this Item in Bid Total</b> |
| 101-2                    | Mobilization Charge for 24-hour Emergency Response.<br>Includes all Labor, Equipment and Materials  | Estimated 1 EA per Response<br><b>\$3,336.60</b>                          | Estimated 1 EA per Response<br><b>\$4,003.92</b>                          | <b>\$ 4,003.92</b>                           |
| 102-1                    | Maintenance of Traffic<br>Includes all Labor, Equipment and Materials.<br><b>(not to exceed \$1500 per day)</b>   | Estimated 30 ED<br><b>\$ 1,500.00 /ED</b>                                 | Estimated 30 ED<br><b>\$ 1,500.00 /ED</b>                                 | <b>\$ 45,000.00</b>                          |
| 102-14                   | Traffic Control Officer<br>2 Hours Minimum + Travel Time  | Estimated 100 HR<br><b>\$83.42</b>  | Estimated 100 HR<br><b>\$100.10</b>                                       | <b>\$ 10,010.00</b>                          |
| 102-99                   | Portable Changeable Message Sign  | Estimated 1,000 ED<br><b>\$33.37</b>                                      | Estimated 1,000 ED<br><b>\$40.04</b>                                      | <b>\$ 40,040.00</b>                          |
| 324-1                    | Rework Existing Asphalt Pavement<br>Using Indirect Heat   | Estimated 800 SY<br><b>\$ 6.67 /SY</b>                                    | Estimated 800 SY<br><b>\$8.00</b>   | <b>\$ 6,400.00</b>                           |
| 425-6                    | Water Valve or Similar Cover Adjustment   | Estimated 25 EA<br><b>\$ 166.83 /EA</b>                                   | Estimated 25 EA<br><b>\$200.20</b>  | <b>\$ 5,005.00</b>                           |
| 425-7                    | Manhole Ring Adjustment   | Estimated 25 EA<br><b>\$ 250.25 /EA</b>                                   | Estimated 25 EA<br><b>\$300.30</b>  | <b>\$ 7,507.50</b>                           |
| 525-1                    | Asphaltic Concrete Curb   | Estimated 500 LF<br><b>\$ 27.81 /LF</b>                                   | Estimated 500 LF<br><b>\$33.37</b>  | <b>\$ 16,685.00</b>                          |
| <b>TOTAL FOR GROUP V</b> |   |   |   | <b>\$ 134,651.42</b>                         |

Company Name: P&S



**IFB-603616-19/BJC - Pavement Management Program Services  
Road Construction Products & Related Materials**

**Group VI: Asphalt Materials - FOB @ Plant and FOB to Job Site**

| Pay Item No.              | Description   | FOB<br>Plant  | FOB<br>Plant +20%   | FOB<br>Job Site  | FOB<br>Job Site +20%   | Sum of Extended Cost |
|---------------------------|---|---|---|--|--|----------------------|
| 6-1                       | SP-12.5 Hot Mix Asphaltic Concrete<br>Traffic Level C<br>(Section 334)                  | Estimated 1000 Tons<br><b>\$ 72.29 /Ton</b><br>Total: \$ 72,293.00  | Estimated 1000 Tons<br><b>\$ 86.75 /Ton</b><br>Total: \$ 86,750.00  | Estimated 200 Tons<br><b>\$ 97.87 /Ton</b><br>Total: \$ 19,574.72  | Estimated 200 Tons<br><b>\$ 117.45 /Ton</b><br>Total: \$ 23,490.00 | <b>\$ 110,240.00</b> |
| 6-2                       | SP-9.5 Hot Mix Asphaltic Concrete<br>Traffic Level C<br>(Section 334)                   | Estimated 1000 Tons<br><b>\$ 74.52 /Ton</b><br>Total: \$ 74,517.40  | Estimated 1000 Tons<br><b>\$ 89.42 /Ton</b><br>Total: \$ 89,420.00  | Estimated 200 Tons<br><b>\$ 103.43 /Ton</b><br>Total: \$ 20,686.92 | Estimated 200 Tons<br><b>\$ 124.12 /Ton</b><br>Total: \$ 24,824.00 | <b>\$ 114,244.00</b> |
| 6-3                       | Asphalt Concrete Friction Course<br>Traffic Level C<br>FC-12.5 (PG 76-22) (Section 337) | Estimated 200 Tons<br><b>\$ 90.09 /Ton</b><br>Total: \$ 18,017.64   | Estimated 200 Tons<br><b>\$ 108.11 /Ton</b><br>Total: \$ 21,622.00  | Estimated 200 Tons<br><b>\$ 114.56 /Ton</b><br>Total: \$ 22,911.32 | Estimated 200 Tons<br><b>\$ 137.47 /Ton</b><br>Total: \$ 27,494.00 | <b>\$ 49,116.00</b>  |
| 6-4                       | Asphalt Concrete Friction Course<br>Traffic Level C<br>FC-9.5 (PG 76-22) (Section 337)  | Estimated 200 Tons<br><b>\$ 92.31 /Ton</b><br>Total: \$ 18,462.52   | Estimated 200 Tons<br><b>\$ 110.78 /Ton</b><br>Total: \$ 22,156.00  | Estimated 200 Tons<br><b>\$ 114.56 /Ton</b><br>Total: \$ 22,911.32 | Estimated 200 Tons<br><b>\$ 137.47 /Ton</b><br>Total: \$ 27,494.00 | <b>\$ 49,650.00</b>  |
| 6-5                       | Asphalt Milling Material  | Estimated 500 Tons<br><b>\$ 23.91 /Ton</b><br>Total: \$ 11,956.15   | Estimated 500 Tons<br><b>\$ 28.69 /Ton</b><br>Total: \$ 14,345.00   | Estimated 500 Tons<br><b>\$ 26.69 /Ton</b><br>Total: \$ 13,346.40  | Estimated 500 Tons<br><b>\$ 32.03 /Ton</b><br>Total: \$ 16,015.00  | <b>\$ 30,360.00</b>  |
| 6-6                       | Tack Type RS-1/RS-2<br>(Section 300)  | Estimated 1000 Gallons<br><b>\$ 5.00 /Gal</b><br>Total: \$ 5,004.90 | Estimated 1000 Gallons<br><b>\$ 6.01 /Ton</b><br>Total: \$ 6,010.00 |  |  | <b>\$ 6,010.00</b>   |
| <b>TOTAL FOR GROUP VI</b> |   |   |   |  |  | <b>\$ 359,620.00</b> |

Company Name: P&S



**IFB-603616-19/BJC - Pavement Management Program Services  
Road Construction Products & Related Materials**

| Pay Item No.               | Description                          | 0-50 CY/Job   | 0-50 CY/Job +20%  | 51-100 CY/Job  | 51-100 CY/Job +20%   | 101-500 CY/Job   | 101-500 CY/Job +20%  | Over 500 CY/Job  | Over 500 CY/Job +20%   | Sum of Extended Cost   |
|----------------------------|--------------------------------------|---|---|--|--|--|--|--|--|------------------------|
| 120-1                      | Regular Excavation                   | Estimated 50 CY<br><b>\$ 146.73 /CY</b><br>Total: \$ 7,336.55   | Estimated 50 CY<br><b>\$ 176.08 /CY</b><br>Total: \$ 8,804.00   | Estimated 100 CY<br><b>\$ 73.37 /CY</b><br>Total: \$ 7,336.55    | Estimated 100 CY<br><b>\$ 88.04 /CY</b><br>Total: \$ 8,804.00    | Estimated 500 CY<br><b>\$ 14.67 /CY</b><br>Total: \$ 7,336.55    | Estimated 500 CY<br><b>\$ 17.61 /CY</b><br>Total: \$ 8,805.00    | Estimated 800 CY<br><b>\$ 9.20 /CY</b><br>Total: \$ 7,359.12     | Estimated 800 CY<br><b>\$ 11.04 /CY</b><br>Total: \$ 8,832.00    | <b>\$ 35,245.00</b>    |
| 120-6                      | Embankment                           | Estimated 50 CY<br><b>\$ 79.01 /SY</b><br>Total: \$ 3,950.45    | Estimated 50 CY<br><b>\$ 94.81 /CY</b><br>Total: \$ 4,740.50    | Estimated 100 CY<br><b>\$ 39.50 /SY</b><br>Total: \$ 3,950.45    | Estimated 100 CY<br><b>\$ 47.41 /CY</b><br>Total: \$ 4,741.00    | Estimated 500 CY<br><b>\$ 18.06 /SY</b><br>Total: \$ 9,029.60    | Estimated 500 CY<br><b>\$ 21.67 /CY</b><br>Total: \$ 10,835.00   | Estimated 800 CY<br><b>\$ 12.42 /SY</b><br>Total: \$ 9,932.56    | Estimated 800 CY<br><b>\$ 14.90 /CY</b><br>Total: \$ 11,920.00   | <b>\$ 32,236.50</b>    |
| 121-70                     | Flowable Fill                        | Estimated 500 SY<br><b>\$ 395.05 /CY</b><br>Total: \$ 19,752.25 | Estimated 500 SY<br><b>\$ 474.05 /CY</b><br>Total: \$ 23,702.50 | Estimated 1000 SY<br><b>\$ 395.05 /CY</b><br>Total: \$ 39,504.50 | Estimated 1000 SY<br><b>\$ 474.05 /CY</b><br>Total: \$ 47,405.00 |  |  |  |  | <b>\$ 71,107.50</b>    |
| 160-4                      | 12" Type B Stabilization LBR 40      | Estimated 500 SY<br><b>\$ 10.72 /SY</b><br>Total: \$ 5,361.33   | Estimated 500 SY<br><b>\$ 12.87 /CY</b><br>Total: \$ 6,435.00   | Estimated 2000 SY<br><b>\$ 8.18 /SY</b><br>Total: \$ 16,366.15   | Estimated 2000 SY<br><b>\$ 9.82 /CY</b><br>Total: \$ 19,640.00   | Estimated 3000 SY<br><b>\$ 5.64 /SY</b><br>Total: \$ 16,930.50   | Estimated 3000 SY<br><b>\$ 6.77 /CY</b><br>Total: \$ 20,310.00   | Estimated 4000 SY<br><b>\$ 4.80 /SY</b><br>Total: \$ 19,187.90   | Estimated 4000 SY<br><b>\$ 5.76 /CY</b><br>Total: \$ 23,040.00   | <b>\$ 69,425.00</b>    |
| 285-701                    | Base Group 01 (4" Limerock LBR 100)  | Estimated 500 SY<br><b>\$ 16.93 /SY</b><br>Total: \$ 8,465.25   | Estimated 500 SY<br><b>\$ 20.32 /CY</b><br>Total: \$ 10,160.00  | Estimated 1000 SY<br><b>\$ 14.46 /SY</b><br>Total: \$ 14,458.65  | Estimated 1000 SY<br><b>\$ 17.35 /CY</b><br>Total: \$ 17,350.00  | Estimated 1500 SY<br><b>\$ 13.33 /SY</b><br>Total: \$ 19,994.92  | Estimated 1500 SY<br><b>\$ 16.00 /CY</b><br>Total: \$ 24,000.00  | Estimated 2000 SY<br><b>\$ 12.22 /SY</b><br>Total: \$ 24,447.64  | Estimated 2000 SY<br><b>\$ 14.67 /CY</b><br>Total: \$ 29,340.00  | <b>\$ 80,850.00</b>    |
| 285-706                    | Base Group 06 (8" Limerock LBR 100)  | Estimated 500 SY<br><b>\$ 33.86 /SY</b><br>Total: \$ 16,930.50  | Estimated 500 SY<br><b>\$ 40.63 /CY</b><br>Total: \$ 20,315.00  | Estimated 1000 SY<br><b>\$ 28.22 /SY</b><br>Total: \$ 28,217.50  | Estimated 1000 SY<br><b>\$ 33.86 /CY</b><br>Total: \$ 33,860.00  | Estimated 1500 SY<br><b>\$ 18.49 /SY</b><br>Total: \$ 27,732.16  | Estimated 1500 SY<br><b>\$ 22.19 /CY</b><br>Total: \$ 33,285.00  | Estimated 2000 SY<br><b>\$ 17.36 /SY</b><br>Total: \$ 34,718.81  | Estimated 2000 SY<br><b>\$ 20.83 /CY</b><br>Total: \$ 41,660.00  | <b>\$ 129,120.00</b>   |
| 285-709-A                  | Base Group 09 (10" Limerock LBR 100) | Estimated 500 SY<br><b>\$ 40.00 /SY</b><br>Total: \$ 20,000.00  | Estimated 500 SY<br><b>\$ 48.00 /CY</b><br>Total: \$ 24,000.00  | Estimated 1000 SY<br><b>\$ 30.00 /SY</b><br>Total: \$ 30,000.00  | Estimated 1000 SY<br><b>\$ 36.00 /CY</b><br>Total: \$ 36,000.00  | Estimated 1500 SY<br><b>\$ 22.01 /SY</b><br>Total: \$ 33,015.00  | Estimated 1500 SY<br><b>\$ 26.41 /CY</b><br>Total: \$ 39,615.00  | Estimated 2000 SY<br><b>\$ 21.01 /SY</b><br>Total: \$ 42,020.00  | Estimated 2000 SY<br><b>\$ 25.21 /CY</b><br>Total: \$ 50,420.00  | <b>\$ 150,035.00</b>   |
| 285-709-B                  | Base Group 09 (6" Type B-12.5)       | Estimated 500 SY<br><b>\$ 79.01 /SY</b><br>Total: \$ 39,504.50  | Estimated 500 SY<br><b>\$ 94.81 /CY</b><br>Total: \$ 47,405.00  | Estimated 2000 SY<br><b>\$ 56.44 /SY</b><br>Total: \$ 112,870.00 | Estimated 2000 SY<br><b>\$ 67.72 /CY</b><br>Total: \$ 135,440.00 | Estimated 3000 SY<br><b>\$ 34.31 /SY</b><br>Total: \$ 102,937.44 | Estimated 3000 SY<br><b>\$ 41.17 /CY</b><br>Total: \$ 123,510.00 | Estimated 4000 SY<br><b>\$ 33.18 /SY</b><br>Total: \$ 132,735.12 | Estimated 4000 SY<br><b>\$ 39.82 /CY</b><br>Total: \$ 159,280.00 | <b>\$ 465,635.00</b>   |
| 570-1-2                    | Performance Turf, Sod                | Estimated 500 SY<br><b>\$ 9.03 /SY</b><br>Total: \$ 4,514.80    | Estimated 500 SY<br><b>\$ 10.84 /CY</b><br>Total: \$ 5,420.00   | Estimated 1000 SY<br><b>\$ 6.77 /SY</b><br>Total: \$ 6,772.20    | Estimated 1000 SY<br><b>\$ 8.13 /CY</b><br>Total: \$ 8,130.00    | Estimated 1500 SY<br><b>\$ 5.64 /SY</b><br>Total: \$ 8,465.25    | Estimated 1500 SY<br><b>\$ 6.77 /CY</b><br>Total: \$ 10,155.00   | Estimated 2000 SY<br><b>\$ 4.51 /SY</b><br>Total: \$ 9,029.60    | Estimated 2000 SY<br><b>\$ 5.42 /CY</b><br>Total: \$ 10,840.00   | <b>\$ 34,545.00</b>    |
| 577-70                     | Shoulder Rework                      | Estimated 500 SY<br><b>\$ 15.80 /SY</b><br>Total: \$ 7,900.90   | Estimated 500 SY<br><b>\$ 18.96 /CY</b><br>Total: \$ 9,480.00   | Estimated 1000 SY<br><b>\$ 6.77 /SY</b><br>Total: \$ 6,772.20    | Estimated 1000 SY<br><b>\$ 8.13 /CY</b><br>Total: \$ 8,130.00    | Estimated 1500 SY<br><b>\$ 5.64 /SY</b><br>Total: \$ 8,465.25    | Estimated 1500 SY<br><b>\$ 6.77 /CY</b><br>Total: \$ 10,155.00   | Estimated 2000 SY<br><b>\$ 4.51 /SY</b><br>Total: \$ 9,029.60    | Estimated 2000 SY<br><b>\$ 5.42 /CY</b><br>Total: \$ 10,840.00   | <b>\$ 38,605.00</b>    |
| <b>TOTAL FOR GROUP VII</b> |                                      |   |   |  |  |  |  |  |  | <b>\$ 1,106,804.00</b> |

Company Name: P&amp;S



**IFB-603616-19/BJC - Pavement Management Program Services  
Road Construction Products & Related Materials**

**Totals: Group I thru VII**

| <b>Group No.</b>       | <b>Group Description</b>   | <b>Totals</b>    |
|------------------------|--|------------------|
| <b>Group I</b>         | Asphalt Concrete and Friction Course in-place  | \$ 26,466,940.30 |
| <b>Group II</b>        | Sand and Seal in-place   | \$ 67,190.00     |
| <b>Group III</b>       | Milling Existing Asphalt Pavement in-place   | \$ 757,020.00    |
| <b>Group IV</b>        | Temporary Pavement Marking in-place  | \$ 59,813.00     |
| <b>Group V</b>         | Misc. Items - LD's, MOB, MOT, Traffic Control Officer, PCMS, Valve & MH Adjust, Asph. Curb | \$ 134,651.42    |
| <b>Group VI</b>        | Asphalt Materials - FOB @ Plant and FOB to Job Site  | \$ 359,620.00    |
| <b>Group VII</b>       | Earthwork  | \$ 1,106,804.00  |
| TOTAL GROUP I THRU VII |  | \$ 28,952,038.72 |

Company Name: P&S