

The City of Ocala's Traffic Division is responsible for maintaining traffic infrastructure throughout the City, including signal pole mast arms, mono-tube assemblies and aluminum pedestrian signal assemblies. The City is requesting bids from Contractors to prep and re-paint mast arm structures and aluminum pedestrian signal assemblies at **24** intersections throughout the city limits.

This project will be completed over a 3-year period or approximately 8 intersections per year. Funding for each fiscal year is dependent upon City Council's annual budget allocations and the department's specific request for services during each year.

The Contractor will furnish all materials, labor and equipment and perform all of the work to the specifications set forth in this scope of work. This project consists of painting traffic signal poles mast arms, monotube assemblies, as well as aluminum pedestrian assemblies at the intersections listed below:

Intersections

1. SR 40 & NE OSCEOLA AVE
2. SR 40 & SW. M.L.K.
3. SW. 20 ST. & 38 AV.
4. NE 36 AVE & 21 ST
5. CR 200A & NE 24 ST
6. NE. OLD 301 & 28 ST.
7. N. MAG. & 20 ST.
8. SE. 36 AV. & 31 ST.
9. US 27 & NW 35th Ave Rd
10. SW 19th Ave Rd & SW 22nd Lane
11. SR 40 & NE 49 CT RD
12. NW. 10 ST. & M.L.K.
13. SR 200 & SW. 48 AV.
14. SW. 19 AV. RD & 24 AV.
15. LAKE WEIR & 38 ST
16. SR 200 & SW 44 CT
17. SR 200 & SW 43rd St Rd
18. SW 20 ST. & CARLTON ARMS (5000 BLOCK)
19. SW. 27 AV. & 42 ST.
20. SW 42nd St & SW 31st Ave
21. SW 42nd St & Trinity Catholic High School
22. NW. 10 ST. & I-75 E.
23. SR 40 & SW. 33 AV.
24. SR 492 & NE 30 AV

Surface preparation and application of coatings will be performed in accordance with color requirements and Florida Department of Transportation (FDOT) specifications. The work will be

performed while maintaining the flow of traffic through each intersection, according to an approved Temporary Traffic Control (TTC) plan to be submitted and approved before starting work. Contractor shall be responsible for any damages resulting from this project to vehicles traveling through an intersection where coating and painting work is performed.

Contractor Responsibilities

- Clean all surfaces in accordance with SSPC-SP-1, Solvent Cleaning.
- Prepare all surfaces in accordance with SSPC-SP-2, Hand Tool Cleaning and/or SSPC-SP-3, Power Tool Cleaning.
- Apply one (1) full prime coat of SW Macropoxy 646 according to manufacturer's recommendations.
- Apply one (1) finish coat of SW Acrolon 218 Acrylic aliphatic urethane according to manufacturer's recommendations.

Warranty

Upon the completion of each intersection, it is expected mast arm, monotube assemblies and aluminum pedestrian assemblies will meet coating adhesion and color retention specifications for at least five (5) years. Contractor will be responsible for ensuring coating adhesion and color quality for the five (5) year warranty term.

When the contract documents call for painted aluminum pedestrian assemblies, steel strain poles, mast arms or monotube assemblies, the contractor shall accept responsibility. Contractor shall also bear the continued responsibility for performing all remedial work associated with repairs of any adhesion or color retention failure as defined in Section 975, as to which notice was provided to the contractor within the five (5) year warranty period.

Upon final acceptance of the contract in accordance with Section 560 of FDOT Standard Specifications for Road and Bridge Construction, latest edition, it is the contractor's responsibility to ensure that the coating system adhesion and color retention requirements specified in 975. The obligations of the contractor set forth in this section shall start at final acceptance of the contract in accordance with FDOT Standard Specifications for Road & Bridge Construction, latest edition, and continue thereafter until expiration of the five (5) year warranty period.

Required Certifications

Bidders must hold current, active Society for Protective Coatings (SSPC) QP1 and QP2 certifications. Bidders must upload proof of their current certifications in the "**Certification Requirements**" section of this listing

Information on these certifications can be found at this link: <https://sspc.org/>

Experience

Bidders must have a minimum of three (3) years' experience painting traffic signal mast arms. A bidder having less than three (3) years' experience will be grounds for bid rejection.

Bond Requirement

- **MAINTENANCE BOND:** The successful bidder will be required to furnish a Maintenance Bond for a period of five (5) years for labor, and five (5) years for materials from the date of final completion for the value of the project.

Permit

Contractor will be required to obtain an FDOT Right of Way Permit for any work to be done along State Roads. There is no cost for this permit.

Contract Term

Any resulting contract will be for a term of three (3) years.

Maintenance of Traffic

The Contractor shall be responsible for submitting a detailed Temporary Traffic Control (TTC) Plan and must be approved by the City before commencement of work. Contractor will keep this TTC plan available for review at all times. Contractor shall furnish, erect, and maintain all necessary traffic control devices in accordance with the latest Manual of Uniform Traffic Control Devices and the latest Florida Department of Transportation Roadway Design Standards. The Contractor shall maintain access for the local traffic with destination adjacent to the project limits at all times.

Surface Preparation

Meet the color requirements as specified in the bid documents and shall exhibit no loss of adhesion or loss of color greater than 8ΔEs for five (5) years after final acceptance as specified in Section 561 FDOT Standard Specifications for Road & Bridge Construction, latest edition.

Signal poles, mast arms and aluminum pedestrian signal assemblies shall be painted according to FDOT's Standards Specifications Section 561, latest edition. Coating products must meet the requirements of Section 975 and be listed on the FDOT Approved Products List (APL).

Prepare all surfaces to be painted in accordance with ASTM D6386 and the manufacturer of the coating system's specifications. Area(s) damaged will have any loose/cracked/scratched paint/primer removed and blended as to not leave sharp edges. Underlying galvanized coating will be checked for conformity to ASTM A123 and repaired as necessary in accordance with ASTM A780. Conforming galvanized coating will then be "Roughed-Up" as to give a profile of 1.5 mil min to promote coating adhesion and surrounding area blending into undamaged areas will also be given a profile for coating. Prior to any coating repair area(s) will be cleaned thoroughly and then galvanized can be coated with Primer to give a DFT of 3-5mils (mfg spec). Product that has

only the topcoat damaged will be cleaned, blended/roughed up and repainted. Correct any deficient areas to the satisfaction of the Engineer at no additional cost to the City.

Painting

Following sufficient time for Primer to cure to allow top coating, the topcoat paint will then be applied to the repair area(s) to give a DFT of 2.0-4.0 mils Provide products from a fabricator on FDOT's list of prequalified fabricators of painted steel strain poles, mast arms and monotube. Provide products that will meet specification requirements throughout the warranty period. Meet the color requirement as specified within this scope of work. Provide the City Engineer with two metal sample coupons, a minimum of two inches (2") by four inches (4").

Color

Semi-gloss black

Pricing/Award

Pricing will be lump sum per intersection and will be full compensation for all work specified within this scope of work. Bidders must upload a completed Exhibit B- Price Proposal with bid submittal.

Award will be made to the lowest and responsible bidder meeting all the requirements within the scope of work.