

TENNIS COURT RESURFACING

AND POST REPLACEMENT

SECTION 02541

PART 1 – GENERAL

1.1 Description of Work

The contract work to be performed under this section consists of furnishing all required labor, materials, equipment, implements, parts and supplies necessary for, or appurtenant to, the colored/textured surfacing of play courts and the replacement of the net posts (tennis and/or basketball) in accordance with these specifications. The color should be as close to the current color as possible. Realizing the condition and age of the current surface, we recommend, if there are different shades available, District approval shall be sought.

1.2 Quality Assurance

The work shall be done in a thorough, workmanlike manner. No Asphalt Emulsion/Resurfacer coatings of any type will be allowed as a substitute filler coat to the specified Acrylic Resurfacer. Contractor references for five similar, successfully executed projects will be required. All bidding Contractors shall be certified in the application of their represented product. The District will only accept product manufacturer's certification stating product application proficiency. This will be strictly enforced. ASBA certifications or having a certified tennis court builder on staff could/would be helpful, but not required.

1.3 Limitations

Application temperature shall be a minimum of 50 degrees Fahrenheit in direct sunlight and be above 40 degrees Fahrenheit at nighttime. The surface temperature shall also not exceed 130 degrees Fahrenheit. Do not apply when surface is wet or if rain is imminent or forecasted. Keep all coatings from freezing. Do not store in direct sunlight for an extended period of time. Container shall be closed when not in use.

1.4 Warranty

The contractors guaranty their respective work against defective materials or faulty workmanship for a period of three years from the date of completion, excluding all crack repairs and patching of low spots.

PART 2 – MATERIALS – RSS Acrylic Coatings or approved equal.

2.1 Rhino Patch Binder

To level areas of standing water and fill cracks.

Rhino Patch will be mixed as follows:

2.5 gallons of Rhino Patch Latex,

2 gallons of Portland Cement

100 lbs. of Silica Sand.

2.2 RSS Acrylic Resurfacer

One Acrylic Resurfacer coat shall consist of the following mixture:

55 gals. RSS Acrylic Resurfacer

400 lbs. Silica Sand 30 – 60 mesh

15 – 23 gals. Water – fresh & potable

2.3 RSS Acrylic Color

The acrylic color applications for a slow tennis surface will consist of two (2) coats of the following mixture:

50 gals. RSS Acrylic Color Concentrate

400 lbs. Washed Silica Sand, 40 – 60 mesh slow speed of play formulation

20 gals. Water – fresh & potable

2.4 Playing Lines

Playing lines shall be (2”) wide and painted on using RSS Textured White Line paint. Lines shall have (1) RSS Tape Sealer prime coat applied before line paint is used to ensure crisp edges.

2.5 Manufacturer

RSS Acrylic Coatings – 775 Canosa Court, Denver, CO 80204, (800) 738-8106 or approved equal.

PART 3 – EXECUTION

3.1 Surface Preparation

- A. Prior to the surfacing applications, the courts shall be thoroughly cleaned by the use of a power broom or a pressure washer to remove all dirt and debris.
- B. Existing cracks will be cleaned of debris and filled full depth and level with the playing surface using Rhino Crack Filler. Cracks shall be ground smooth to court surface prior to application of RSS Acrylic Resurfacer coats. All loose and failed caulking needs to be removed. Hairline cracks and spalled concrete should be addressed using best trade practices.
- C. If applicable, after a flood test and then a (1) hour wait in direct sunlight with temperatures 70 degrees and rising, any areas of standing water remaining that cover a US nickel shall be patched with Rhino Patch. Areas to receive patches shall be primed first with a mix of Water and RSS Rhino Binder Latex 2:1.

3.2 RSS Acrylic Resurfacer

One (1) coat will be applied over the entire court. The mixture will be agitated in a one hundred (100) gallon paddled mortar mixer so as to provide a consistent and homogeneous solution. The acrylic resurfacer coat shall provide a uniform surface with no ridges.

3.3 RSS Acrylic Color

Two (2) coats of the mixture will be agitated in a one hundred (100) gallon paddled mortar mixer so as to provide a consistent and homogeneous solution. The mixture will be applied over the entire court surface using a rubber-tipped squeegee. The color is to be free of ridges and shall have a uniform appearance.

3.4 Playing Lines

One (1) coat of RSS White Textured Line paint shall be applied, two inches (2") wide and will be accurately located and marked by snapping chalk lines and placing one-inch (1") masking tape guides using a line taper to USTA Specifications for doubles play. All lines will be primed first with (1) coat of RSS Tape Sealer to provide a uniform crisp line.

3.5 Completion Date

All work is to be completed by July 31, 2025.

PART 4 – BID

- 4.1 There is no specific bid form. All quantifiable items must be line itemed for comparison.
- 4.2 If applicable, a Wyoming Certificate of Residency Status should be included with the bid.