

BID SPECIFICATIONS FOR TENNIS COURTS

RENOVATE COURTS 1 & 2

SCOPE OF PROJECT

Includes all labor, materials and equipment to pulverize, renovate, repair, colorcoat and line 2 bituminous concrete tennis court(s). Bid price to include all sub-surface work fence/nets/tennis sleeve repairs, bituminous concrete installation, final surface preparation and colorcoat/lining at said courts with the work as follows:

- A. The Contractor shall take the fence down as needed in such a manner that it can be reinstalled after the pulverizing and paving work is completed. The tennis courts (pavement) will be crushed and mixed with the base course material to a depth of 12" by a road reclamation machine. The mixture of crushed pavement and gravel base shall be blended together into a homogenous, stabilized base, which bonds the material together when compacted.

The crushed material should meet the following gradation:

Sieve Designation	Percentage by Passing Weight
3"	100
1 1/2"	70 - 100
3/4"	55 - 90
#4	40 - 75
#40	10 - 30
#200	0 - 10

*Any stones over 3" diameter must be removed from the new homogenous 12" sub-base or if exposed below the sub-base at the Contractor's expense.

The stabilized base will be compacted using a ten ton vibratory compactor, and carefully fine graded to insure proper drainage. Any excess pulverized material will be removed from the site by the Contractor. The Contractor will be responsible for all grades so that the finish court surface slopes one inch for each ten feet on a true plane from side to side, end to end and corner to corner.

While the Contractor is pulverizing he/she is responsible for making sure that all bottom rail pipes are freed from the old bituminous (you may not want to do this, it may require resetting all the fence fabric) and raised to a height which will be above the finished grade of the courts.

- B. The Contractor will remove the existing net post sleeves/concrete balls from the courts during the pulverization process. The Contractor will purchase new tennis posts, sleeves and center anchors. Post foundations shall be not less than 24" in diameter at the top, not less than 30" in diameter at the bottom and not less than 36" in depth. Foundations shall be so situated as to provide a clear distance between posts 42' on double courts. Concrete for foundations shall be mixed in ratios of six standard 94-pound sacks of cement per cubic yard of concrete, with one such sack of cement to not more than six U.S. gallons of water, attaining a compressive strength of not less than 3,500 pounds per square inch at the 28th day after pouring. Foundations shall be so designed and poured and the posts so set as not to cause cracking or other damage to the finished court surface.
- C. The Contractor is responsible to install three inches (compressed) of bituminous concrete over the total surface. This installation is to take place in two different applications. The first 2" (final compaction) course is to be binder course, consisting of 3/4", 1/2" and 1/4" stone.
- D. Net Posts and Sleeves - Shall be Edwards Wimbledon or equal. Posts shall be set plumb and true so as to support the net at a height of 42" above the court surface at the net posts.
- E. A center strap anchor shall be positioned in the center of each court and set in concrete footings measuring 12" X 12" X 12".
- F. All tennis posts sleeves and center anchors will be set after the binder course and before the finish course of paving. All fence work is to be completed prior to the colorcoating and striping work.
- G. The second course of 1" compressed rice mix is to be installed in compliance with the court drainage slope/grading plan (1" for each 10'). The paving should also be done in such a manner that no depressions over 1/8" along a 10" straight edge in any direction exists when the court is flooded at a later date by the Contractor.
- H. Once the paving is done, the Contractor is to reinstall the fence that was taken down originally.
- I. The courts must be swept clean and prepared ready to receive the surfacing material after they have been allowed to cure for at least ten days after the bituminous has been installed.

- J. The Contractor is to apply three coat Nova Acrylic Colorcoating System (or equal Manufactured by Nova Sports of Framingham, MA) as outlined below:
- A. Sweep and clean area to be surfaced.
 - B. Apply one coat of Nova Acrylic Resurfacer mixed with 5-10 lbs. of 50-60 mesh silica sand per gallon of resurfacer and applied at a rate of .07 to .10 gallon per square yard. The first coat is to be applied the length of the court.
 - C. A careful inspection of the entire surface is to be made to remove any loose or foreign particles and ridges.
 - D. Apply two (2) coats of Nova Combination Surface at a rate of approximately .05 gallons per square yard per coat. These two coats are to be applied going the width of the court.
 - E. Layout, mask and stripe playing lines conforming to the U.S. Lawn and Tennis Association Specifications using Novatex 100% acrylic line paint or equal. Lines are to be hand painted by brush.
- K. When the job has been completed, the contractor shall leave the site in a clean and orderly condition, acceptable to the Owner.

TOTAL AMOUNT OF BID _____