



ATHLETIC SURFACES / CONCRETE POLISHING

Jeremy Mosher
Project Manager
DL Porter Constructors Inc
471 US Hwy 1 #102
Key West , Florida 33040

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786-423-0864

Re: Basketball Court Prep and Surfacing – City of Key West

We hereby submit specifications and estimates for:

- A. **GENERAL:** Vendor shall provide all personnel necessary to complete the work of this project, which includes, but is not limited to: Preparation of existing concrete slab, Application of Epoxy coating system to seal moisture, Application of New Laykold Masters 5 - 5mm court system and New acrylic playing surface for one (1) full basketball court. These services will be performed on the existing basketball court located at 11 Olivia Avenue, Key West, Florida.
- B. **SCHEDULE:** Work for this project must begin on or about 45 days upon of receiving email notification of awarding of the work.
- C. **EQUIPMENT:** Vendor will be responsible for providing all equipment, materials and other items required to complete as described in the Specifications Section D. Price to include all labor, supplies, materials, equipment.
- D. **SPECIFICATIONS:**
 1. **CONCRETE SLAB PREPARATION:**
 - i. Existing vinyl court tiles to be removed by others
 - ii. Gym floor to cleared and cleaned of all equipment, accessories, debris and construction materials by others prior to Mobilization by Premier Surface Solutions Inc. –
 - iii. We will prepare the entire concrete floor surface for proper application of all adhesive required for the Masters 5 system to be installed. This process will be completed with concrete grinding equipment and diamond tooling as needed to obtain appropriate surface texture. This process will be completed on the entire floor surface from wall to wall inside the gym.
 - iv. The court shall be leveled with Laykold Patching Mix or a Court Patch Binder mix as manufactured by California Products or approved equal.
 2. **EPOXY COATING SYSTEM:**
 - i. Due to the relative humidity of the gym concrete slab we will have to apply a vapor control epoxy system to prepare the court for the new Masters 5 system.
 - ii. The epoxy system will be a water based concrete adhesion promoter low VOC, non flammable 2 part mix on site system.
 - iii. One coat of the epoxy system will be applied by squeegee and rollers in sections broadcast with 10lbs 50-mesh silica sand per gallon on the wet epoxy.
 3. **LAYKOLD MASTERS 5 SURFACING SYSTEM:**
 - i. 5mm System installation:
 - a. SEE ATTACHED Masters 5 system specifications.
 - ii. Finish Coatings :
 - a. The contractor is to apply the court resurfacing material in **two successive coats** to the manufacturer's specifications and directions over the entire court surfaced with a broad squeegee according to the manufacture's recommended coverage rates providing a smooth, consistent service.
 - b. Once this has cured according to the manufacturer's specifications and directions, the contractor shall apply two applications of the color coat material over the entire court. **Court colors to be chosen by owner.**
 - c. No applications shall be covered by a successful application until thoroughly cured.
 - d. The mixed material shall be homogenous. Segregation before or during application will not be permitted.
 - e. The finished surface shall have a uniform appearance and be free from ridges and tool marks.

