1. **SCOPE OF WORK**

Contractor shall furnish labor, materials, equipment, and any incidentals necessary for the delivery and installation of clay at various parks. Clay shall be delivered, installed, and groomed for ball fields, infields, warning tracks, warm-up areas, pitcher’s mounds, and home plate areas, or specified designated area. All areas shall maintain a safe, attractive, clean, and neat appearance with a smooth grade of elevation to blend in with the surrounding grasses.

Work shall be in strict compliance with the latest codes, standards, and practices and in accordance with Federal, State, and Local laws.

1. **CONTRACTOR RESPONSIBILITIES**

Contractor shall:

* 1. Furnish and install baseball / softball field clay to various Lake County Parks.
  2. Provide a 5 lbs. bag of clay for approval upon request, at no additional cost to County, within five (5) business days of request.
  3. Provide for all tools and equipment necessary to complete the project.
  4. Provide competent personnel in all aspects of clay removal, delivery, and installation.
  5. Provide only skilled, qualified tradesman with the ability to speak English, project a professional image, and work effectively with the public.
  6. Verify and coordinate all work to field locations and dimensions.
  7. Work shall be performed during normal business hours posted at each park.
  8. No work shall be permitted on Saturday, Sunday, or any day between the hours of 4:00 PM and 7:00 AM unless otherwise stipulated by the County.
  9. Respond to County request within forty-eight (48) hours of notification.
  10. Notify County at a minimum of two (2) days in advance of project start date.
  11. Work shall be completed within fourteen (14) days of receipt of notice.
  12. Work deemed non-compliant shall be replaced at Contractor’s expense.
  13. Provide and maintain a clean and safe work environment.
  14. All excess materials, soil, debris, and equipment shall be removed and properly disposed.
  15. Be responsible for the replacement or repair of any damages caused as the result of completing projects, to include but not limited to, irrigation systems, landscaping, fencing, concrete, and curbing, etc.

1. **COUNTY RESPONSIBILITIES**

County will:

* 1. Reserve the right to add or remove services in conjunction with County’s needs.
  2. Reserve the right to inspect materials, workmanship, and equipment of each project prior to final acceptance.
  3. Provide for irrigation and water at athletic fields for Contractor’s use.
  4. Provide for a minimum order of clay of eighteen (18) cubic yards for each project.
     1. Each additional order shall be placed in increments of eighteen (18) cubic yards.

1. **DELIVERY REQUIREMENTS AND ACCEPTANCE.**
   1. Deliveries shall be FOB – Destination.
   2. Deliveries shall be made Monday through Friday, during the posted time at each park or as specified by County.
2. **TECHNICAL SPECIFICATIONS**

Technical specifications represent the minimum standards required. When not specifically identified, such materials and equipment must be of a suitable type and grade for the purpose. Materials, workmanship, and equipment are subject to inspection and approval by County.

* 1. **Installation and Finish Grade**
     1. Clay mixture, consistency, and color shall match existing clay. NO EXCEPTIONS.
     2. Clay shall be installed, spread, free of clumps, and groomed in fields.
     3. Installation shall be performed with ATV/Golf Cart size vehicles.
        1. No dump trucks allowed on fields.
     4. Finish grade of the infield clay area shall be a fine grade.
        1. Final grade shall not exceed + or – ½” from the proposed elevation.
        2. Surface shall be sufficiently smooth, a continuous surface elevation blending with the grass surfaces.
        3. Minor raking and leveling may be required for ruts and disturbances of grade made by clay installers.
     5. Ball fields clay areas are to be left in a neat, clean, and “Game Ready” condition.
     6. Excess clean clay shall be removed and placed in the designated areas.
  2. **Materials:** 
     1. **Clay mixture Mechanical Analysis**
        1. Sand: 70% - 80%
        2. Silt: 4% - 8%
        3. Clay: 16% - 25%
     2. **Sand Sieve Analysis Screen Size % Passing**
        1. ¼” (6.300mm) 100%
        2. #4 (4.760mm) 95 – 100%
        3. #10 (2.000mm) 90 – 98%
        4. #16 (1.000mm) 80 – 90%
        5. #32 (0.500mm) 40 – 60%
        6. #60 (0.250mm) 10 – 20%
        7. #140 (0.105mm) 0 – 5%
        8. #270 (0.053mm) 0 – 2%
        9. With 0% greater than ¼”
        10. Maximum of 20% greater than 1.0mm
        11. Maximum of 60% between .25mm and 1.0mm
        12. Maximum of 20% smaller than .25mm
     3. **Dry Loose Weight Density:** 
        1. 70 – 75 lbs. per Cubic Foot min. or approved.
        2. All natural in color
        3. Free of stones and debris
        4. Red in color
        5. No separation of color
        6. To be pulverized and screened thru a ⅜” screen.

1. **WARRANTY REQUIREMENTS**
   1. Contractor shall warrant workmanship of installation and clay as specified herein.
   2. Contractor shall bear all costs for all corrections of work.
   3. Contractor shall promptly correct all apparent and latent deficiencies in work, or any work that fails to conform to the specifications regardless of project completion.
   4. Corrections shall be made within three (3) calendar days after notification.
   5. County reserves the right to obtain services from another contractor should Contractor fail to correct the work within the three (3) days.
      1. Contractor shall be charged for the costs associated, either through a deduction from the final payment owed or through invoicing.
      2. Failure to honor this invoice or credit memo shall result in contract termination for default.

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