



## Jackson County Board of Commissioners

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Date: December 29, 2015

To: General Contractors

From: Len Bernat, Purchasing Manager

**RE: Addendum 1 to Jackson County RFP 6008-01, Request for Proposal for the West Jackson Middle School Athletic Field Project**

1. Addendum 1 is issued to inform all companies that have a copy of RFP 6008-01, **Request for Proposal for the West Jackson Middle School Athletic Field Project** of the following questions and answers.
  - a. **QUESTION:** On page 34 of the project manual, five unit costs were cited, while on pages 35-37, only four unit prices are listed. Please clarify the total unit costs needed. **ANSWER:** *Attached is an updated sheet for the unit costs. A unit section for the off-site haul-off of the blasted mass and/or trench rock was added.*
  - b. **QUESTION:** On page 24, there is a conflict with the total amount of days for the period of performance section. Please clarify the total amount of days for the period of performance section. **ANSWER:** *Attached is the updated sheet for the period of performance. The period of performance for the project will be 145 days.*
  - c. **QUESTION:** Is there a designated location for the excess dirt from the project? **ANSWER:** *All excess dirt will be transported to Jackson County High School, approximately 8 miles from the project site.*
  - d. **QUESTION:** Will an access road be provided for the installation of the light poles? **ANSWER:** *There will not be an access road provided for the light poles. Steps will be installed on the light poles to allow access for service and maintenance.*
  - e. **QUESTION:** Regarding the turf product testing, is that to be done on the actual turf manufactured for this specific project or are previous test results from similar projects ok? **ANSWER:** *Testing will be required on the actual turf manufactured for this project. Also, an updated sheet is attached to clarify the tufting gauge maximum spacing.*
2. All other terms and conditions in RFP 6008-01 remain unchanged.
3. Any inquiries concerning Addendum 1 should be made to Len Bernat, Purchasing Manager, (706) 367-6309 or via email at [lbernats@jacksoncountygov.com](mailto:lbernats@jacksoncountygov.com).
4. Jackson County reserves the right to reject any and all proposals, to waive any technicalities or irregularities and to award the offer based upon the most responsive, responsible submission.

2.2 PROPOSED AND ANTICIPATED CONSTRUCTION SCHEDULE:

- **NOTICE OF AWARD:** Within Ninety (90) days from date of receipt of Bids by Jackson County, the award of the work of this Project may be awarded by Jackson County to the Contractor. The Notice of Award is NOT the Notice to Proceed, and the Contractor is advised NOT to proceed with the work of the Project until and unless the Notice to Proceed has been issued confirming execution of the Construction Agreement and acceptance of the Contractor's accompanying insurance and bond forms.
- **NOTICE TO PROCEED:** Pending the prompt return by and from the Contractor of the Construction Agreement and accompanying insurance certificates and Performance and Labor & Material Payment Bonds, the Notice to Proceed shall be issued by Jackson County to the Contractor to commence performance of the work of this Project, per the agreed upon schedule for the Project. Failure by the Contractor(s) to effect a prompt return of the required documents shall not form the basis for an extension to the required completion dates for the work of this Project.
- **PRE-CONSTRUCTION PLANNING AND PREPARATION SERVICES:** Within three (3) calendar days from date of Notice to Proceed issued by Jackson County, representatives of the Contractor, the Project Architect Engineer and Jackson County shall meet for the coordination for receipt of the project's permit for construction to proceed. This activity shall be known as Pre- construction Planning and Preparation, and shall conclude upon issuance of the project's permit to allow construction to commence by the Contractor.
- **SPECIFIC PERIOD AND SEQUENCE OF WORK FOR CONSTRUCTION PERFORMANCE, MILESTONE DATE(S) AND SUBSTANTIAL COMPLETION:**
  1. **PRE-CONSTRUCTION PLANNING AND PREPARATION SERVICES COMPLETION DATE:** The Contractor shall complete Pre-construction Planning and Preparation services and mobilize on the project site not later than five (5) calendar days from the date of issuance of the Project's permit.
  2. **PERIOD OF PERFORMANCE FOR CONSTRUCTION OF THE PROJECT:** The period of time established for construction of the Project is **ONE HUNDERED FORTY FIVE (145) CALENDAR DAYS;** commencing  
  
on the Date of the Notice to Proceed letter by and from Jackson County, to the Date of Substantial Completion, as defined and determined by and in the Contract Documents.
  3. **PROJECT SUBSTANTIAL COMPLETION DATE:** All work to be performed under this Project by the Contractor shall be commenced, performed and substantially completed by this date in accordance with the Construction Agreement, the letter of Notice to Proceed and the Construction Documents for the work of this Project.
  4. **PROJECT FINAL COMPLETION: FORTY-FIVE (45) CALENDAR DAYS** from date of the Project's Substantial Completion, as established by Jackson County and the Project Architect Engineer, and accepted by the Contractor.

END OF SECTION

Jackson County reserves the right to select any alternate, in any order, or to select no alternates. All/any alternates selected by Jackson County shall be made at the time of its review of the submitted bid proposals, and such selection of any, or no alternates, shall be added to or subtracted from the submitted Base Bid proposal amount to each submitted Bid Proposal for the determination by Jackson County for award of the Base Bid contract, plus any selected alternates, to the most responsible Bidder, with the most responsive bid. **The County reserve the sole right to review and adjust the proposed design to determine the final, accepted design and cost of the proposed work.**

**ALTERNATE NO. 1:** The Contractor shall furnish to Jackson County all work necessary and required for the complete fabrication, delivery, assembly, construction and installation of the End Zone Logos, in accordance with and as set forth by the drawings and specifications. ALL other work associated with the site preparations and paint is included as a part of the Base Bid cost of work under this Bid proposal Form. **The County reserve the sole right to review and adjust the proposed design to determine the final, accepted design and cost of the proposed work.**

(ADD)\_\_\_\_\_DOLLARS

(\$ \_\_\_\_\_) to the submitted Individual Separate Bid Component for the **W. Jackson Middle School Athletic Field Project.**

**ALTERNATE NO. 2:** The Contractor shall furnish to Jackson County all work necessary and required for the complete fabrication, delivery, assembly, construction and installation of the Center of Field Logos, in accordance with and as set forth by the drawings and specifications. ALL other work associated with the site preparations and paint is included as a part of the Base Bid cost of work under this Bid proposal Form. **The County reserve the sole right to review and adjust the proposed design to determine the final, accepted design and cost of the proposed work.**

(ADD)\_\_\_\_\_DOLLARS

(\$ \_\_\_\_\_) to the submitted Individual Separate Bid Component for the **W. Jackson Middle School Athletic Field Project.**

3. UNIT PRICES:

The following calculations for Unit Prices are based upon preliminary quantities established by the Contract Documents times prices for each respective Unit Price Item as determined by the Bidder; and are **fully included in and a part of the base bid price proposal.**

Thereafter, the following Unit Prices are amounts to be used for work that will be **ADDED TO OR DELETED FROM** the Contract by Change Order as and when unsuitable soils & other materials occurs in the performance of the work of this Project, and in the event such additional work may also be required.

**Such preliminary quantities are possible additional work; not base bid work and are not an estimated quantity of base bid work. SUCH PRELIMINARY QUANTITIES ARE IN ADDITION TO THE CONTRACTOR'S ESTIMATE OF BASE BID QUANTITIES OF WORK TO BE PERFORMED. Such preliminary quantities do not represent a unit price performance of work to be completed.**

**Should such anticipated additional work NOT occur, in whole or in part, the full or remaining balance of these Unit Prices shall be deleted from the contract sum amount by change order**

All Unit Prices are inclusive and complete for labor, equipment, material, mobilization and associated time for the work of each unit price for site operations, installation, applicable taxes, supervision, bonds and insurance, management & supervision, overhead and profit, and all other incidental costs; and are **applicable at any point or location at and within the Project.** Units will be measured in place by Jackson County or the project's materials testing and consulting firm, as the work progresses or upon completion of the work.

Jackson County reserves the sole right to accept or reject these Unit Prices or to require the Work to be performed on a time and material basis with complete daily breakdowns and logs submitted, or to have the work performed for an agreed upon lump sum price.

UNIT PRICE(S): For the planned W. Jackson Middle School Athletic Field Project. **The Contractor shall provide Unit Prices as listed below.**

**Such preliminary quantities are possible additional work; not base bid work and are not an estimated quantity of base bid work. SUCH PRELIMINARY QUANTITIES ARE IN ADDITION TO THE CONTRACTOR'S ESTIMATE OF BASE BID QUANTITIES OF WORK TO BE PERFORMED. Such preliminary quantities do not represent a unit price performance of work to be completed.**

**Should such anticipated additional work NOT occur, in whole or in part, the full or remaining balance of these Unit Prices shall be deleted from the contract sum amount by change order.**

**UNIT PRICE(S):** The Contractor shall provide Unit Prices as listed below and as further detailed in Section 01 2200 Unit Prices.

**Unit Price No. 1: FOR MASS ROCK BLASTING,** as defined by the Contract Documents; and as measured in the field by the Owner's Materials Testing Laboratory representative:

The quantity of **FIVE HUNDRED CUBIC YARDS (500 CY)** (as established by the Contract Documents) at the following unit price of (as established by the Bidder):

\_\_\_\_\_ Dollars Per Cubic Yard (\$ \_\_\_\_\_ Per Cubic Yard) as measured in place by Jackson County: for the grand total price of:

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_)  
**which Sum is hereinafter called the "Unit Price for Mass Rock Blasting."**

**UNIT PRICE NO. 2: FOR TRENCH ROCK BLASTING:** as defined by the Contract Documents; and as measured in the field by the Owner's Materials Testing Laboratory representative:

The quantity of **FIVE HUNDRED CUBIC YARDS (500 CY)** (as established by the Contract Documents) at the following unit price of (as established by the Bidder):

\_\_\_\_\_ Dollars Per Cubic Yard (\$ \_\_\_\_\_ Per Cubic Yard) as measured in place by Jackson County: for the grand total price of:

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_)  
**which Sum is hereinafter called the "Unit Price for Trench Rock Blasting."**

**UNIT PRICE NO. 3: FOR THE OFF-SITE HAUL-OFF OF BLASTED (MASS AND/OR TRENCH) ROCK AND OTHER SOILS MATERIALS UNSUITABLE FOR USE OR**

**DISPOSAL ONSITE:** as defined by the Contract Documents; and as measured in the field by the Owner's Materials Testing Laboratory representative:

The quantity of **ONE THOUSAND CUBIC YARDS (1000 CY)** (as established by the Contract Documents) at the following unit price of (as established by the Bidder):

\_\_\_\_\_ Dollars Per Cubic Yard (\$\_\_\_\_\_ Per Cubic Yard) as measured in place by Jackson County.

**Unit Price No. 4: FOR EXCAVATION AND OFF-SITE HAUL-OFF OF 1000 CY UNSUITABLE SOILS AND REPLACE WITH SUITABLE SOIL MATERIAL,** as defined by the Contract Documents:

\_\_\_\_\_ Dollars Per Cubic Yard (\$\_\_\_\_\_ Cubic Yard) as measured by Jackson County.

**UNIT PRICE NO. 4 NOTATION: If the "unsuitable soils materials" is approved and acceptable or use on-site by the Project's Materials Testing Laboratory representative and the Project Engineers and Owner, then this Unit Price No. 1 shall NOT be utilized and the Contractor shall use and distribute on-site the materials at no additional cost to the Project or Owner.**

**Such preliminary quantities are possible additional work; not base bid work and are not an estimated quantity of base bid work. SUCH PRELIMINARY QUANTITIES ARE IN ADDITION TO THE CONTRACTOR'S ESTIMATE OF BASE BID QUANTITIES OF WORK TO BE PERFORMED. Such preliminary quantities do not represent a unit price performance of work to be completed.**

**Should such anticipated additional work NOT occur, in whole or in part, the full or remaining balance of these Unit Prices shall be deleted from the contract sum amount by change order.**

**Unit Price No. 5: FOR EXCAVATION OF 1000 CY UNSUITABLE SOILS AND REPLACE WITH #57 STONE,** as defined by the Contract Documents:

\_\_\_\_\_ Dollars Per Cubic Yard (\$\_\_\_\_\_ Cubic Yard) as measured by Jackson County.

**UNIT PRICE NO. 5 NOTATION: If the "unsuitable soils materials" is approved and acceptable for use on-site by the Project's Materials Testing Laboratory representative and the Project Engineers and Owner, then this Unit Price No. 1 shall NOT be utilized and the Contractor shall use and distribute on-site the materials at no additional cost to the Project or Owner.**

**Such preliminary quantities are possible additional work; not base bid work and are not an estimated quantity of base bid work. SUCH PRELIMINARY QUANTITIES ARE IN ADDITION TO THE CONTRACTOR'S ESTIMATE OF BASE BID QUANTITIES OF WORK TO BE PERFORMED. Such preliminary quantities do not represent a unit price performance of work to be completed.**

**Should such anticipated additional work NOT occur, in whole or in part, the full or remaining balance of these Unit Prices shall be deleted from the contract sum amount by change order.**

Section 012200  
Unit Prices

Part 1- General

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This section includes administrative and procedural requirements for unit prices for work above and beyond that shown in the contract documents.

1.3 DEFINITIONS

- A. Unit price is an amount incorporated in the Agreement, applicable during the duration of the Work as a price per unit of measurement for materials, equipment, or services, or a portion of the Work, added to the scope of Work or estimated quantities of Work required by the Contract Documents.
- B. Rock shall be defined as material that cannot be ripped by a single tooth ripper.

1.4 PROCEDURES

- A. Unit prices include all necessary material, plus cost for delivery, installation, insurance, applicable taxes, overhead, and profit.
- B. Measurement and Payment: Refer to individual Specification Sections for work that requires establishment of unit prices. Methods of measurement and payment for unit prices are specified in those Sections. Rock will be measured via survey cross section prior to removal and after removal to determine the quantity. Unit price will include surveying for quantity determination.
- C. Owner reserves the right to reject Contractor's measurement of work-in-place that involves use of established unit prices and to have this work measured, at Owner's expense, by an independent surveyor acceptable to Contractor.
- D. List of Unit Prices: A schedule of unit prices is included in Part 3. Specification Sections referenced in the schedule contain requirements for materials described under each unit price.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF UNIT PRICES

- A. Unit Price No. 1: To excavate rock encountered in mass excavation and replace with satisfactory soil material.
1. Description: Rock excavation, crushing and placement on site and replacement with satisfactory fill material or engineered fill, as required, in accordance with specification section 312000 "Earth Moving." In addition, excavated rock may be used in fill placement only if approved by Jackson County and the geotechnical engineer. Excavated rock (shot rock/fill) may be used for on-site fill as long as the excavated rock is no larger than 36" in diameter, placed at least 5-ft below the proposed grade, outside of proposed and future building pads, outside of modular wall foundations and tie-back areas, and not in conflict with proposed and future utilities. Soil shall be placed around the rock to fill voids. Monitoring of the blasting and placement of excavated rock will be performed by Jackson County and the geotechnical engineer. All placement areas will be approved by the civil engineer and the owner prior to placement of the excavated rock. As an option, the contractor may elect to haul all rock off site and dispose of it and replace the rock with suitable soil materials from off site. Any soil materials brought in off site must be approved by the geotechnical engineer for the intended use. Refer to specification section 312000 Earth moving for definition of rock.
  2. Unit of Measurement: Cubic yard of rock excavated, based upon survey of volume removed by Owner's Materials Testing Laboratory Representative.
  3. Quantity Allowance: Assume minimum 500 cubic yards.
- B. Unit Price No. 2: To excavate rock encountered in trench excavation and replace with satisfactory soil material.
1. Description: Rock excavation, crushing and placement on site and replacement with satisfactory fill material or engineered fill, as required, in accordance with specification section 312000 section "Earth Moving." In addition, excavated rock may be used in fill placement only if approved by Jackson County and the geotechnical engineer. Excavated rock (shot rock/fill) may be used for on-site fill as long as the excavated rock is no larger than 36" in diameter, placed at least 5- ft below the proposed grade, outside of proposed and future building pads, outside of modular wall foundations and tie-back areas, and not in conflict with proposed and future utilities. Soil shall be placed around the rock to fill voids. Monitoring of the blasting and placement of excavated rock will be performed by Jackson County and the geotechnical engineer. All placement areas will be approved by the civil engineer and the owner prior to placement of the excavated rock. As on option, the contractor may elect to haul all rock off site and dispose of it and replace the rock with suitable soil materials from off site. Any soil materials brought in off site must be approved by the geotechnical engineer for the intended use. Refer to specification section 312000 Earth moving for definition of rock.
  2. Unit of Measurement: Cubic yard of rock excavated, based upon survey of volume removed.
  3. Quantity Allowance: Assume minimum 500 cubic yards
- C. Unit Price No. 3: To Remove blasted mass and/or trench rock and other soils material unsuitable for use or disposal on site.
1. Description: Unsatisfactory rock that is unsuitable for use or disposal onsite. Refer to specification section 312000 Earth moving for definition of rock.
  2. Unit of Measure: Unit of Measurement: Cubic yard of rock excavated, based upon survey of volume removed.
  3. Quantity Allowance: Assume minimum 1000 cubic yards
- D. Unit Price No. 4: To Remove unsatisfactory soil and replace with satisfactory soil material from off site.
1. Description: Unsatisfactory soil excavation and disposal off site by contractor and replacement with satisfactory fill material or engineered fill from off site, as required, in accordance with

Division 31 Section "Earth Moving."

2. Unit of Measurement: Cubic yard of soil excavated, based upon survey of volume removed.
  3. Quantity Allowance: This unit price applies when unsuitable soil removals exceed that shown on the drawings. Assume minimum 1000 CY.
- E. Unit Price 5: To Remove unsatisfactory soil and replace with #57 stone.
1. Description: Unsatisfactory soil excavation and disposal off site by contractor and replacement with #57 stone.
  2. Unit of Measurement: Cubic yard of soil excavated, based upon survey of volume removed.
  3. Quantity Allowance: This unit price applies when unsuitable soil removals exceed that shown on the drawings. Assume minimum 1,000 CY.

END OF SECTION



- |    |   |               |
|----|---|---------------|
| e. | Linear Density (Denier): >8,000                     | ASTM D1907-07 |
| f. | Breaking Load: 22 psi                               | ASTM D2256-02 |
| g. | Elongation to Break: >45%                           | ASTM 02256-02 |
| h. | Specific Gravity: 0.90                              | ASTM D792-08  |
| i. | Melting Point: 220 Degrees Fahrenheit I 104 Celsius | ASTM D789-07  |
- C. Primary Backing: The synthetic Turf Vendor shall construct the backing system of the turf material as detailed in the requirements of this section.
1. The primary backing system must consist of a minimum of three layers, and include the specific three layers as specified in this section.
  2. The top layer of the primary backing system must be an 18 pie polybac.
  3. The second layer from the top of the primary backing system must be an 80 gram Colbond dimensional stability layer.
  4. The bottom layer of the primary backing system must be a 5 pie action back, stitch lock layer.
- D. The components and performance shall meet or exceed the following requirements:
1. Weight: 7.5 Ounces per sq. yd. ASTM D5848-07.
  2. 5% elongation (warp): 410 minimum.
  3. Force @ 5% elongation (weft): 615 minimum.
  4. Grab Tear Strength: (MD) minimum 225 lbs. (CMD) minimum 225 lbs.
  5. Backing (roll) width: 15 Feet.
- E. Secondary Backing - The secondary backing shall saturate the primary backing and effectively lock the fiber tufts in place to the primary backing. The Turf Vendor is to ensure that the urethane applied as the secondary backing layer has adequate penetration through all the multiple layers of the primary backing fabrics. As part of the secondary backing material application, the turf material is to be perforated as part of the inline process. The perforations are to be created through a heat process that is adequate in temperature to cauterize the perforations as they are made through both the primary and secondary backing layers. Perforations are the only acceptable drainage design. Each perforation shall be a minimum of 3/16 of an inch in diameter, and shall not be spaced more than 4 inches apart on a grid both with the machine direction (MD) and across the machine direction (CMD). The perforations are to be constructed with a ninety percent (90%) efficiency. The drainage of the synthetic turf system is to be designed to ensure a minimum drainage of 35 inches per hour. The components and performance shall meet or exceed the following requirements:
1. Material: Heat Activated Polyurethane .
  2. Weight: 25 Ounces per sq. yd. ASTM D5848-07.
- F. Infill Requirements - Infill material must be installed in a minimum of six uniform lifts to prevent trapped fibers and ensure proper leveling and consistency of material. The exposed fiber height above the infill material shall not exceed half of an inch (1/2"). The entire synthetic turf system shall be resistant to attack by bacteria and to fungal growths. The infill will be a 100% rubber system and will conform to the following requirements and characteristics:
1. Sieve: 10 - 25 mesh.
  2. Weight: 3.9 lbs. per sq. ft. minimum.
  3. Height: 1.75" minimum.
- G. Total Components and Manufacturing Requirement - The product manufacturing process will conform to the following requirements and produce a synthetic turf will the following minimum characteristics:
1. Total Product Weight: 67.5 Ounces per sq. yd. ASTM D5848-07.
  2. Tufting Gauge: 1/2" maximum spacing ASTM D5793-05.
  3. Stitches per 3": 7 ASTM D5793-05.
  4. HUD Density Rating: Min 700 I Max 800HUD Rating.