

**FOX RUN REGIONAL PARK SPECIFICATIONS  
ADDITIVE ALTERNATES**

Prepared for:  
**EL PASO COUNTY**  
**PARKS & COMMUNITY SERVICES DEPARTMENT**  
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Project No. 24.237.008

PROJECT SUMMARY OF APPROXIMATE QUANTITIES FOR ADDITIVE ALTERNATES				
ITEM NO.	DESCRIPTION	UNIT	PLAN	AS CONSTRUCT.
601-03027	CLASS D CONCRETE (COLORED)	CY	37	
608-00000	CONCRETE SIDEWALK (COLORED)	SY	722	
929-00040	GAZEBO STONE COLUMNS	LS	1	

## SCHEDULE C – TECHNICAL PROVISIONS

The Schedule C – Technical Provisions for the base project will apply to Additive Alternate items.

### C.3.35 Additive Alternatives

The Contractor shall submit pricing for the additive alternatives as listed below.

CLASS D CONCRETE (COLORED)  
CONCRETE SIDEWALK (COLORED)  
GAZEBO STONE COLUMNS

The additive alternatives for the Class D (Colored Concrete) and Sidewalk (Colored) will replace the standard bid items for their respective items with standard non-colored concrete.

The item for the Gazebo Stone Columns will be priced as an addition to the Gazebo.

## SCHEDULE E – MEASUREMENT AND PAYMENT – ADDITIVE ALTERNATIVES

### MEASUREMENT OF PAY QUANTITIES

The Contractor shall make all measurements and determine all quantities and amounts of work done under the Contract subject to approval by the Engineer. At the time measurements are made for quantity determinations, the Engineer or his authorized assistant shall be present to verify such measurements. From quantity figures so ascertained, it will be the Contractor's responsibility to prepare a monthly periodical estimate of the work accomplished to date. This estimate shall be submitted to the Engineer each month for his review and check not later than the date established at the pre-construction conference. The form of such monthly estimates is to be subject to the approval of the Engineer.

B. No measurement will be made for:

1. Work performed, or materials placed outside of lines indicated in the plans or established by the Engineer.
2. Materials wasted, used, or disposed of in a manner not called for under the contract.
3. Rejected materials (including material rejected after it has been placed, if the rejection is due to the Contractor's failure to comply with the provisions of the contract).
4. Hauling and disposing of rejected materials.
5. Materials on hand after completion of the work.
6. Any other work or material when payment is contrary to any provision of the contract.
7. All incidental costs necessary for proper performance of the work.

Payment for work performed by the CONTRACTOR under these Contract Documents will be made at the approved unit price or lump sum price for each of the items as listed in the bid proposal and measured as hereinafter specified. Such payment shall compensate the CONTRACTOR for all costs in connection with furnishing all labor, equipment and material required and performing the operations necessary to complete the item in accordance with the contract documents.

Any items of work which are called out in the DRAWINGS and/or the SPECIFICATIONS and do not have a specific line item in the bid proposal but which are necessary to complete the work in accordance with the requirements of good and standard practice, such as sub-grade preparation and form work are to be considered as incidental to the construction of the project and the CONTRACTOR'S cost for such work shall be included in the bid price for the related item of work.

The CONTRACTOR shall accomplish all incidental work essential to the completion of the project, including cleanup and disposal of waste or surplus material without additional cost to the County. The cleanup and disposal of waste or surplus material shall be performed during construction or as soon after as is reasonably possible to better maintain the safety and aesthetics of the construction area.

The quantities listed in the bid schedule are estimated quantities and are listed only for convenience in comparing bids. Unless otherwise noted, final payment will be made for the actual quantities constructed or installed at the contracted unit prices, be they more or less than the listed quantities, said quantities being measured as specified.

All improvement work shall be done in accordance with the most recent edition of the "CDOT Standard Specifications for Road and Bridge Construction and CDOT M+S Standard Plans" and all published

revisions and addenda incorporated therein, except as modified hereinafter, which are incorporated in the Contract Documents by reference as though embodied herein their entirety.

#### ESTIMATED QUANTITIES

The estimated quantities shown in the bid form are estimates only, being given only as the basis for comparison of the bids, and the County does not warrant, expressly or by implication, that the actual amount of work will correspond therewith. The right to increase or decrease the amount of any class or portion of the work, or to make changes in the work required as may be deemed necessary is reserved by the County as provided elsewhere in these specifications. The basis of payment will be the actual unit bid items of work performed and measured in accordance with the contract unless noted otherwise in the plans or specifications. All prospective bidders should note that certain bid items may be included in the Bid Form to establish a unit price should the use of those items become necessary during construction. Allowance will not be made for loss of anticipated profits of additional compensation should the use of these items be deemed unnecessary.

#### DESCRIPTION AND PAYMENT

Payment will be made only for those items listed in the bid form. All other items required for the work shall be considered incidental to the construction.

The following describes the method of measurement and payment for all the Bid Items in greater detail than shown on the Form of Bid. This section is intended to be used in conjunction with the DRAWINGS and SPECIFICATIONS to assist in defining the intent and scope of Work included in the Bid Item. Measurement and payment for items listed in the Special Provisions shall supersede the Measurement and Payment listed in the "CDOT Standard Specifications for Road and Bridge Construction and CDOT M+S Standard Plans" Refer to the SPECIFICATIONS for further information. Units of measure shown on the Bid Schedule shall be as follows, unless specified otherwise.

Pay Item	Unit	Method of Measurement
Acre	AC	Field Measure of area using mean length and width or radius or calculated area within a boundary
Cubic Yard	CY	Field Measure of volume by using truck counts or by comparing pre-construction and proposed or post-construction topographic data.
Each	EA	Field count
Linear Foot	LF	Field Measure to the nearest whole foot or calculated from stationing shown on the Construction Design Plan.
Vertical Foot	VF	Field Measure to the nearest whole foot along the vertical plane, perpendicular to the ground or paved surface.
Lump Sum	LS	Unit is one; no measurement will be made.
Square Foot	SF	Field Measure of area using mean length and width or radius or calculated area within a boundary.
Square Yard	SY	Field Measure of area using mean length and width or radius or calculated area within a boundary.
Pound	LB	Field Measure of mass by using tickets of delivery.
Ton	TN	Field Measure of mass by using tickets of delivery.

#### PAYMENT FOR LUMP SUM ITEMS

A. Measurement shall be for work and materials actually completed.

#### PAYMENT FOR MATERIAL ON HAND

- A. Partial payments may be made on monthly estimates to the extent of 90 percent of the cost of materials not yet incorporated in the completed work, if the materials conform to the following requirements:
  - 1. Meet the requirements of the Contract based upon inspections or testing by the Engineer, and
  - 2. Are delivered to or stockpiled in the vicinity of the project or other storage site(s) specifically approved by the Engineer, and
  - 3. Are properly stored, protected, and insured as to loss, damage, and title.
- B. Material delivered to an off-site storage facility will be considered for partial payment only if:
  - 1. The storage site has been approved by the Engineer.
  - 2. The off-site storage of materials is required for more than thirty calendar days.
  - 3. The material is tagged, labeled, or otherwise identified as belonging to the project.
  - 4. The cost of transportation to the site is provided for in advance.
- C. The cost of the material on hand will be determined by written evidence supplied by the Contractor in sufficient detail as will permit the Engineer to determine the Contractor's actual cost of the materials. The Contractor shall furnish the Engineer with an invoice prior to the progress payment.

608-00000

CONCRETE SIDEWALK (COLORED)

METHOD OF MEASUREMENT

The quantity of CONCRETE SIDEWALK to be paid for shall not be re-measured but shall be the quantities designated in the Contract per square yard. Exceptions will be made when field changes are ordered or when it is determined that there are discrepancies in the plans in an amount of at least plus or minus five percent of the plan square yard. CONCRETE SIDEWALK shall be in accordance with Section 608 of the CDOT Standard Specifications for Road and Bridge Construction.

BASIS OF PAYMENT

Payment shall be made at the applicable contract unit price for Bid Item and shall include full compensation for all labor, equipment, tools, and materials necessary to complete the work.

601-03027

CLASS D CONCRETE (COLORED)

METHOD OF MEASUREMENT

The quantity of CLASS D CONCRETE to be paid for shall not be re-measured but shall be the quantities designated in the Contract per cubic yard. Exceptions will be made when field changes are ordered or when it is determined that there are discrepancies in the plans in an amount of at least plus or minus five percent of the plan cubic yard. CLASS D CONCRETE shall be in accordance with Section 601 of the CDOT Standard Specifications for Road and Bridge Construction.

BASIS OF PAYMENT

Payment shall be made at the applicable contract unit price for Bid Item and shall include full compensation for all labor, equipment, tools, and materials necessary to complete the work. Payment shall include, but is not limited to, colored concrete form liner, concrete, formwork, curing, expansion joints, sealant, contraction joints and smooth round steel bar.

929-00040

GAZEBO STONE COLUMNS

METHOD OF MEASUREMENT

The quantity of GAZEBO to be paid for shall be lump sum. GAZEBO shall be in accordance with Section 908 of the CDOT Standard Specifications for Road and Bridge Construction.

BASIS OF PAYMENT

Payment shall be made at the applicable contract unit price for Bid Item and shall include full

compensation for all labor, equipment, tools, and materials necessary to complete the work.  
Payment of shall include, but is not limited to, coordination with El Paso County and stone columns around the canopy posts.



## SCHEDULE F – TECHNICAL SPECIFICATIONS – Additive Alternates

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## TECHNICAL SPECIFICATIONS

This section contains the Standard Specifications and Revisions of Standard Specifications.

### STANDARD SPECIFICATIONS

The following are the Standard Specifications which apply to this project. In the event there are conflicting Standard Specifications, the order of precedence will be based upon the listed order of precedence below.

1. Drawings (Plans)
2. Schedule F - Technical Specifications
3. Schedule E - Measurement and Payment
4. Schedule C - Technical Provisions
5. Field Markings and Construction Oversight (Figure dimensions will govern over scaled dimensions on all Plans) G
6. General Provisions
7. Digital drawing files, if provided to the Contractor.

All Contractors are required to have on the job site and utilize the current updated copy of the Standard Specifications applicable to the work.

Any revisions to the Standard Specifications can be found in this document.

### COLORADO DEPARTMENT OF TRANSPORTATION

1. The "Colorado Department of Transportation Standard Specifications for Road and Bridge Construction", 2023 version, and all published standard special provisions, except as modified hereinafter, which are incorporated in the contract documents by reference as though embodied herein in their entirety, shall apply to this project. This document is referenced as the "CDOT Standard Specifications". The following Technical Specifications, or revisions to the CDOT Standard Specifications, shall apply to this project unless otherwise contradicted hereinafter. Inclusion of these revisions does not override the detailed M&P specifications.
2. The "Colorado Department of Transportation M&S Standard Plans", latest version, except as modified hereinafter, which are incorporated in the contract documents by reference as though embodied herein in their entirety, shall apply to this project. This document is reference as the "CDOT Standard Plans".

## Revisions to Colorado Department of Transportation Standard Specifications

The definition of the Engineer in the Colorado Department of Transportation (CDOT) Standard Specifications is revised to mean the Engineer as defined in Schedule C of the Technical Provisions.

References within the CDOT Standard Specifications that identify approval by CDOT are hereby revised to mean approval by the Engineer.

References within the CDOT Standard Specifications that identify requirements with CDOT Procedures are in effect to the extent the Engineer determines applicability to the County project.

References within the CDOT Standard Specifications that identify pre-approved products that are on the CDOT Approved Products List are recognized by the County as acceptable material for this County project.

The following Revisions supplement or modify the Colorado Department of Transportation (CDOT) Standard Specifications for Road and Bridge Construction. Measurement and Payment for all bid items shall be in accordance with Schedule E - Measurement and Payment and shall take precedence over the measurement and payment sections of the Standard Specifications and revisions thereof.

REVISION OF CDOT SECTIONS 601  
STRUCTURAL CONCRETE

Sections 601 of the Standard Specifications are revised to include the following:

Subsection 601.01 shall include the following:

The work for the Class D Concrete Pay Item shall include colored concrete, form liner, expansion joint and sealant, non-sag sealant, sika green streak water stop and smooth round steel bar with expansion cap.

Subsection 601.03 shall include the following:

The following materials shall be submitted to the Engineer for approval: colored concrete, form liner, expansion joint and sealant, non-sag sealant, sika green streak water stop and smooth round steel bar with expansion cap.

REVISION OF CDOT SECTIONS 608  
SIDEWALK

Sections 608 of the Standard Specifications are revised to include the following:

Subsection 608.01 shall include the following:

The work for the Sidewalk Pay Item shall include colored concrete.

Subsection 608.03 shall include the following:

The following materials shall be submitted to the Engineer for approval: colored concrete.

SECTION 930  
GAZEBO STONE COLUMNS  
DESCRIPTION

908.01. This work includes the installation of the Gazebo Stone Columns. The scope of work consists of coordination with the Engineer, installation masonry columns around the gazebo posts. The work also includes all materials, labor, equipment, and incidentals necessary to complete the work.

CONSTRUCTION REQUIREMENTS

908.02. Gazebo Stone Columns. The contractor shall coordinate with the Engineer on the shop drawings and materials for the stone columns.