



ADDENDUM NO. 2

PROJECT NAME: TOM SLICK CREEK PARK IMPROVEMENTS

DATE: 9/30/13

ADDENDUM NO.

This addendum should be included in and be considered part of the plans and specifications for the name of the project. The contractor shall be required to sign an acknowledgement of the receipt of this addendum and submit with their bid.

CIMS PROJECT NO.: 40-00398

Item 1: Scope of Work

The scope of work for the base bid has changed and now includes only the construction of the basketball court, shade structures over exercise equipment, and shade structures over picnic units at small neighborhood dog park (labeled on plans as Alternates 1, 2, & 3). Alternate #1 will now include all elements previously labeled as base bid in the design plans.

Item 2: Planting Plan

Utilize and replace plan Sheet LP1.00 with the attached revised Sheet LP 1.00 dated 9-30-2013.

Item 3: Bid Form

Utilize and replace document entitled Form 020 Bid Form with the attached 020 Bid Form.

Item 4: Waste Management

The requirements detailed in Waste Management Plan prepared by Pape-Dawson Engineers and attached shall be a part of the specifications for the project.

Item 5: Shade Structures

The shade structures at the small dog park and over the existing exercise equipment shall have a minimum eave height of ten (10) feet. The cantilever shade structure over the exercise equipment may have 4 posts instead of 3 shown if recommended by the manufacturer.



CITY OF SAN ANTONIO
**CAPITAL IMPROVEMENTS
MANAGEMENT SERVICES**

As per the equipment legend on Sheet SD1.00 the manufacturer is responsible for submitting structural footing drawings sealed by a Structural Engineer licensed in the State of Texas and shop drawings of structures for approval by the Landscape Architect.

The following manufacturers are approved in addition to those listed on Sheet SD 1.00:

USA Shade & Fabric Structures, Inc.

Hunter Kneppshield of Texas, Inc.



Note: Addenda Acknowledgement Form for Addendum 1 is attached herein. This form must be signed and submitted with the bid package.



RECEIPT OF ADDENDUM NUMBER(S) ___ IS HEREBY ACKNOWLEDGED FOR PLANS AND SPECIFICATIONS FOR CONSTRUCTION OF: TOM SLICK CREEK PARK IMPROVEMENTS FOR WHICH BIDS WILL BE OPENED ON **TUESDAY, OCTOBER 15 AT 2:00 P.M.**

THIS ACKNOWLEDGEMENT MUST BE SIGNED AND RETURNED WITH THE BID PACKAGE.

Company Name: _____

Address: _____

City/State/Zip Code: _____

Date: _____

Signature

Print Name/Title

CITY OF SAN ANTONIO

Project Name: Tom Slick Creek Park Improvements
ID NO.: 40-00398

Date Issued: September 30, 2013

The estimated construction budget for this contract is \$250,000.00

Page 1 of 2

020

BID FORM

I. BASE BID

Provide and install all materials, labor and construction operations necessary to complete the intended work described and shown in the plan-drawings and technical specifications, which includes but not limited to; Basketball court with sport court surfacing, basketball goals, and nets complete in place (shown on plans as Alternate #1), Shade structure over 2 picnic units in small dog park, complete in place (shown on plans as Alternate #2), Shade structure over exercise area, complete in place (shown on plans as Alternate #3) per:

Total Amount of Base Bid (Insert Amount in Words and Numbers):

_____ \$ _____

II. ALTERNATES

Demolition and hauling, site preparation and earthwork, excavation and backfill, concrete forming, concrete pouring and finishes, asphalt paving, landscape, cleanup, maintenance, and warranty, complete-in-place per:

Amount of each Alternates (if applicable) insert in Numbers: If Applicable, or write N/A, if not applicable

Additive Alternate #1 - Demolition and construction of new parking lot (shown on plans as base bid)

Total Amount of Bid for Additive Alternate #1 (Insert Amount in Words and Numbers):

_____ \$ _____

III. UNIT PRICES

Bidders shall complete and submit the unit pricing requested on the **Section 025 Unit Pricing Form** and it shall be attached immediately following this sheet. The unit prices bid shall be the '**complete-in-place unit costs**' that is necessary and required to complete the unit bid item work described.

The unit prices bid may be used by the City of San Antonio to change the intended scope and/or the final contract amount for this project by applying "additions-to" or "deletions-form" the scope of work, at the sole discretion of the City of San Antonio.

IV. ALLOWANCES

No Allowance Given for this Bid Request, N/A.

Official Name of Company (legal)

Telephone No.

Address

Fax No.

Form 020 Bid Form

City, State and Zip Code

E-mail Address

Name of the proposed **Project Manager:** _____

Name of the proposed **Site Superintendent:** _____

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September 2013

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September 2013

Texas Board of Professional Engineers, Firm Registration # 470
Texas Board of Professional Geoscientists, Firm Registration # 50351

**TOM SLICK PARK IMPROVEMENTS
Waste Management Plan**

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Exhibit 3 – Soil Management Area – Proposed Improvements Plan

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1. INTRODUCTION

This report presents information regarding management of impacted soil during construction of the Tom Slick Park Improvements. Tom Slick Park is a 62-acre tract located at 7400 Texas State Highway 151 in the west side of San Antonio, Bexar County, Texas. Tom Slick Park is located on the south side of Texas State Highway 151 approximately one (1) mile east of the intersection of Interstate Highway Loop 410. A site location map is attached as Exhibit 1.

The Texas Commission on Environmental Quality (TCEQ) approved the Final Closure of the subject site formerly referred to as the Hall's 151 Site in a letter dated April 29, 2002. The Hall's 151 Site was one of several sites that allegedly received impacted fill material from the construction of the Alamodome Sports Complex in the early 1990s. The site was closed under Risk Reduction Standard No. 3 in accordance with 30 TAC Chapter 335, Subchapter S. The closure involved consolidation of Alamodome materials within one area of the site and construction of a cap overlying the impacted soil. A parking area for a municipal park (Tom Slick Park) was constructed in accordance with the Closure Plan within the capped area.

The City of San Antonio now plans to expand the parking area overlying the cap. Other park improvements in areas outside the cap are also proposed. The construction of the additional parking will be completed in the same manner as the existing driveway and parking area without removal of the clay cap. The existing cap consists of 18 inches of clay and 6 inches of top soil in unpaved areas. In paved areas the cap is comprised of 6-9 inches of clay, 9 inches of base material, and 1.5 inches of asphalt. The proposed new paved areas will consist of the same layer thicknesses. In addition to the pavement construction, six signs will be posted at accessible parking spaces and three park signs will be placed within the existing cap. The signs will be set in concrete within the cap.

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Trees will be installed as landscaping to provide shade for the parking lot and to comply with City of San Antonio landscaping ordinances regarding new construction. Soil will be mounded within the proposed parking lot islands and along the edge of the parking lot where trees will be planted. The mounds will be constructed such that excavations within the mounds to plant trees will not penetrate the top of the clay cap, but instead will leave 10 to 12-inches of soil between the root ball and the top of the cap.

Demolition of portions of the existing parking lot will be conducted to prepare for the reconstruction of the new driveways, parking spaces, and sidewalks. The demolition and shallow excavation needed to construct the new driveways, parking spaces, and sidewalks is not anticipated to fully penetrate the existing clay cap. Therefore, exposure or excavation of the underlying Alamodome materials is not anticipated. However, if it is necessary to excavate any Alamodome materials underlying the cap, the excavated Alamodome materials will be segregated from other materials, properly staged, and disposed at a permitted landfill.

If Alamodome materials are exposed within excavations, the material must be capped in the same manner as previously approved by TCEQ. Therefore, in paved areas the cap must consist of 6-9 inches of clay, in addition to base material and asphalt thicknesses specified in the construction documents.

Drilling of holes for installation of nine signs within the clay capped area is anticipated to potentially encounter Alamodome materials below the clay cap. If Alamodome materials are excavated by the sign excavations, the materials must be segregated and staged properly for disposal at a permitted landfill.

Previous environmental assessments have revealed the presence of Lead and Semi-Volatile Organic Compounds (SVOCs) within the Alamodome materials now capped within an approximately 8-acre portion of the project site. The classification of the waste

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is anticipated to be class 2 non-hazardous, but sampling and analysis of segregated Alamodome materials will be necessary to obtain waste disposal authorization from a permitted landfill facility.

Soils from areas outside of the clay capped area that do not exhibit signs of impact should be handled as non-impacted soils and staged separately from impacted soils, hauled off as clean fill, or reused on site. Exhibits 2 and 3 identify the area of the capped Alamodome materials where excavation below the level of the clay cap will require special management and disposal. Based on the proposed construction plans, only the installation of nine signs within the capped area is anticipated to potentially encounter Alamodome materials. Excavation for the parking lot expansion and tree installations is not anticipated to encounter Alamodome materials.

Construction practices must comply with all applicable regulations concerning the prevention of stormwater pollution. Decontamination of equipment must be conducted prior to moving from a contaminated excavation. Decontamination can be conducted by dry soil removal methods. Impacted soil cleaned from equipment must be properly disposed. Impacted soil tracked onto roadways must be scraped/swept up immediately and properly stored/disposed.

Data presented within this and previously prepared reports must be used by the site contractor to develop a health and safety plan to comply with recommendations of this waste management plan.

2. SITE CONTAMINANTS AND CONCENTRATIONS

The project site allegedly received impacted fill material from the construction of the Alamodome Sports Complex in the early 1990s. Fill material impacted with Lead and SVOCs were capped with clay within an approximately 8-acre portion of the project site. Maps illustrating the portion of the project site with clay capped impacted fill material are

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attached as Exhibits 2 and 3. The following sections describe the concentrations and areas of impact.

2.1 Soil

Fill material impacted by Lead and two (2) SVOCs (dibenz-a,h-anthracene and benz(a)anthracene) at concentrations greater than the Texas Risk Reduction Program (TRRP) Tier 2 Soil to Groundwater Leachate (^{GW}Soil_{Ing}) Protective Concentration Limits (PCLs) were identified from 2 to 15 feet below ground surface (bgs) across approximately 8 acres of the project site (Exhibits 2 and 3). An existing cap is located across the impacted fill material. The existing cap consists of 18 inches of clay and 6 inches of top soil. The paved area of the cap is comprised of 6-9 inches of clay, 9 inches of base material, and 1.5 inches of asphalt.

2.1.2 Parking Lot Expansion

The proposed expansion of the parking lot will consist of the same layer thicknesses as the existing paved area. Therefore, the soil excavated from within the proposed parking lot expansion area is not anticipated to be deep enough to fully penetrate the clay cap and expose underlying Alamodome materials. Therefore, no special management of soil excavated within the proposed parking lot expansion area is anticipated.

If excavation activities unexpectedly penetrate the cap and expose underlying Alamodome materials, the excavated Alamodome materials must be segregated from other materials, properly staged, and disposed at a permitted landfill.

If Alamodome materials are exposed within excavations, the material must be capped in the same manner as previously approved by TCEQ. Therefore, in paved areas the cap must consist of 6-9 inches of clay, in

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addition to base material and asphalt thicknesses specified in the construction documents.

2.1.3 Parking Lot Signs

In addition to the pavement construction, six (6) signs will be posted at accessible parking spaces and three (3) park signs will be placed within the existing cap. The proposed signs will be set within concrete to a total depth of 2.5 feet bgs. Therefore, the soils from the bottom 6 inches of the sign post holes will need special segregation, proper staging, and disposal at a permitted landfill.

The contractor will be responsible for stockpiling the impacted Alamodome materials excavated from the sign excavation holes on plastic sheeting. The materials must also be covered with plastic sheeting as described in Section 4.3 of this report. The City of San Antonio will arrange to have the staged soil sampled, analyzed, and approved for disposal at a permitted landfill. The contractor will then be responsible for hauling and disposing the waste along with manifests that will be provided by the City of San Antonio.

2.2 Groundwater

No Constituents of Concern (COCs) above laboratory minimum detection limits were identified in groundwater samples. Depth to groundwater was determined to be approximately 30 feet bgs from the top of the fill material. Since the maximum depth of the proposed improvements is 2.5 feet bgs, groundwater is not anticipated to be encountered during construction activities.

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3. ENVIRONMENTAL MANAGEMENT OF IMPACTED SOILS AND GROUNDWATER

Proper management of soil must be conducted within impacted areas of the project site. In areas where no impact has been documented, soil and groundwater can be managed as clean material. The following sections describe appropriate management methods.

3.1 Soil

Approximately 8 acres of the project site consists of soils impacted with Lead and SVOCs from 2 to 15 feet bgs. Impacted soils are not expected to be encountered during the proposed expansion of the asphalt parking lot. However, the bottom 6 inches of the sign post holes for nine (9) signs will need special management.

If excavation activities unexpectedly penetrate the cap as determined by a City of San Antonio Inspector or Consultant, and expose underlying Alamodome materials, the excavated Alamodome materials must be segregated from other materials, properly staged, and disposed at a permitted landfill. City of San Antonio Inspectors will visually evaluate the excavation and determine if Alamodome materials beneath the cap have been exposed.

If Alamodome materials are exposed within excavations, the material must be capped in the same manner as previously approved by TCEQ. Therefore, in paved areas the cap must consist of 6-9 inches of clay, in addition to base material and asphalt thicknesses specified in the construction documents.

Any impacted soils encountered during the construction activities will be stockpiled on a high density polyethylene (HDPE) sheeting and covered with HDPE. The City of San Antonio will be responsible for sampling and analyzing the stockpiled soil for characterization and obtaining approval for disposal at a permitted landfill.

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A composite soil sample will be collected and submitted for laboratory analysis and analyzed for Toxicity Characteristic Leaching Procedure (TCLP) Volatile Organic Compounds (VOCs), TCLP Semi-VOCs, Total Petroleum Hydrocarbons (TPH), TCLP Resource Conservation and Recovery Act (RCRA) 8 Metals, and Reactivity, Corrosivity, and Ignitability. Once approval from an authorized landfill facility is obtained by the City of San Antonio, the stockpiled soil will be transported and disposed following applicable regulations by the contractor.

During excavation activities in areas not suspected to be affected, on-site personnel should handle soils as non-impacted material unless incidental olfactory or visual evidence of contamination is detected. If in the course of excavation or handling, olfactory or visual evidence of contamination is detected, the impacted soils should be segregated as contaminated.

Soils from areas that are not impacted shall be handled and stored separately from impacted soils.

Any construction materials contaminated during use should be decontaminated or disposed in accordance with applicable regulations.

3.2 Groundwater

Water generation is not anticipated during the excavation operations due to the depth of groundwater measured in monitoring wells previously located at the subject site. Monitoring for water will be conducted during the excavation process and if water is generated, it will be containerized. In addition, if stormwater or other water comes in contact with the impacted soils, it will also be contained. If rainfall is anticipated, the impacted soils will be backfilled with clean material or covered with HDPE at the end of each workday and prior to rainfall events to prevent exposure to precipitation and stormwater.

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4. CONSTRUCTION OPERATION CONSIDERATIONS

4.1 Personal Protective Equipment

During excavation activities in suspected areas of impact and other areas in which signs of contamination are detected, appropriate personal protective equipment (PPE) should be utilized by workers. A Health and Safety Plan that specifies what PPE should be used during different activities and conditions will be prepared by the contractor. The Health and Safety Plan will outline monitoring equipment and practices, PPE, decontamination procedures, and procedures to follow in case of emergencies. All construction personnel should be familiar with the requirements and procedures outlined in the Health and Safety Plan.

Any PPE that is specified in the Health and Safety Plan and used on site should be disposed in accordance with all applicable regulations.

4.2 Traffic Control Measures

Appropriate traffic control devices and site access limitation devices (i.e., signage, fencing, etc.) should be utilized according to applicable regulations.

4.3 Soil Stockpile Areas

If impacted soils are stockpiled on site, the soils must be placed on and covered by a 10-mil HDPE liner at the end of each working day. The stockpile areas should not be placed in any area of concentrated runoff such as along curbs and adjacent property runoff discharge points. A berm (Exhibit 4) should be constructed around the perimeter of the stockpile area to prevent the impact of surface water.

4.4 Tracking Soil onto Roadways

The contractor shall minimize tracking soil from contaminated areas onto non-contaminated areas through the use of dry, soil removal operations. The

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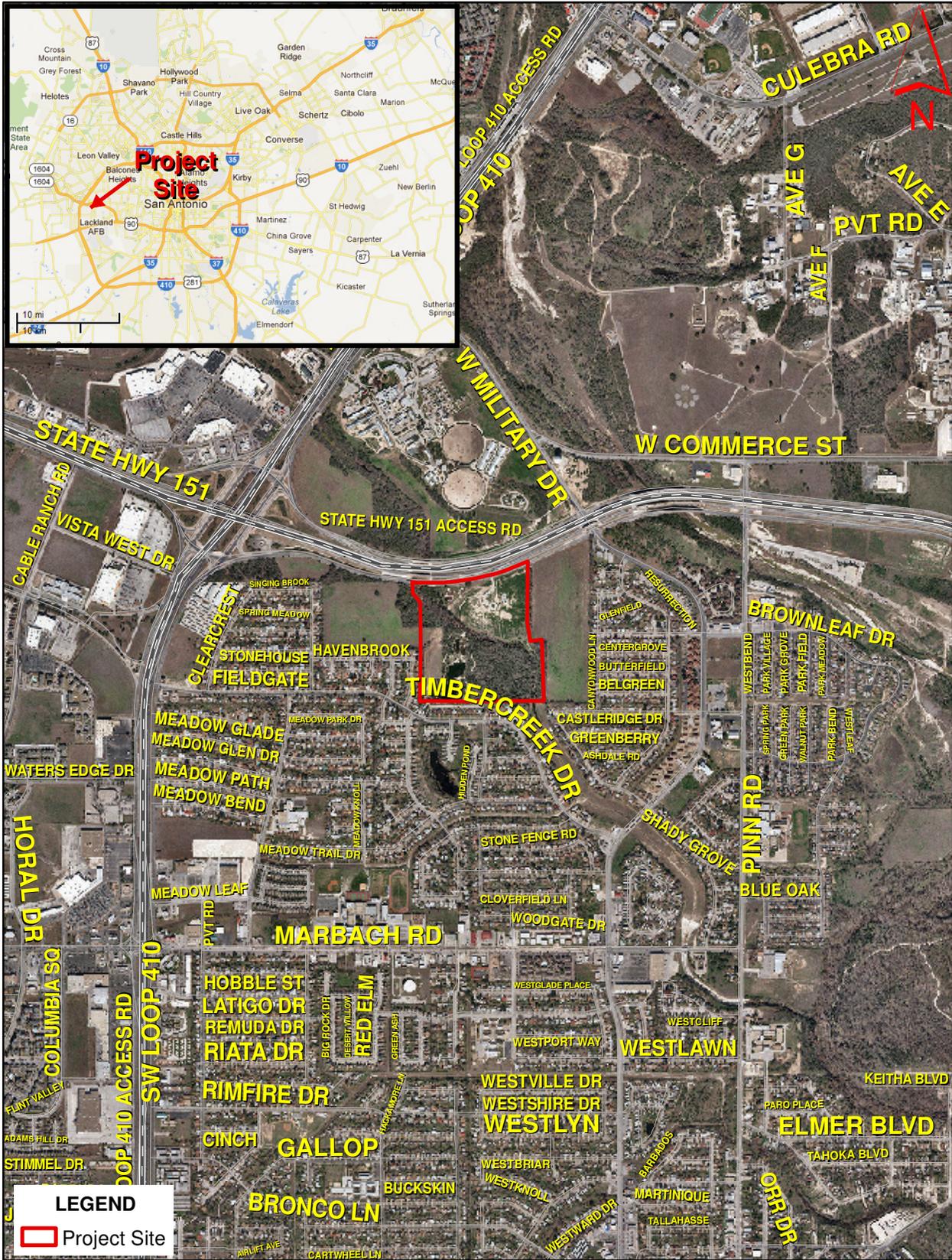
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contractor shall remove excess soil from equipment and vehicles prior to exiting affected areas.

EXHIBITS

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EXHIBIT 1

SITE LOCATION MAP 2012 AERIAL PHOTOGRAPH
 SCALE: 1"= 2000'

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EXHIBIT 2

SPECIAL MANAGEMENT AREA OVERVIEW - 2012 AERIAL PHOTOGRAPH
 SCALE: 1"= 500'



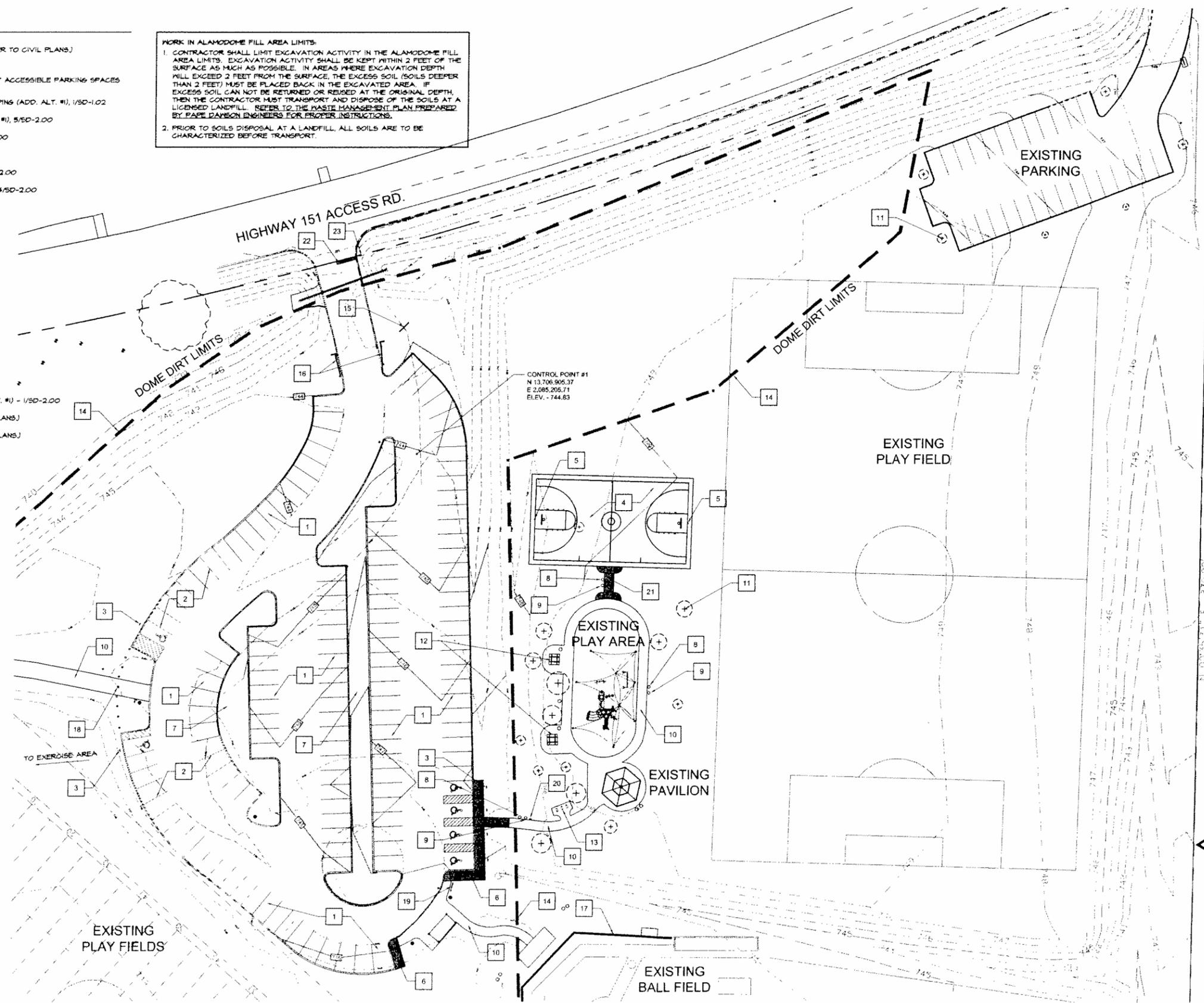
KEY NOTES

- 1 NEW ASPHALT PARKING LOT - (REFER TO CIVIL PLANS.)
- 2 RE-STRIPE EXISTING PARKING LOT
- 3 NEW ACCESSIBLE SIGNS & POSTS AT ACCESSIBLE PARKING SPACES (REFER TO CIVIL PLANS)
- 4 NEW BASKETBALL COURT WITH STRIPING (ADD. ALT. #1), 1/50-1.02
- 5 NEW BASKETBALL GOAL (ADD. ALT. #1), 5/50-2.00
- 6 NEW CONCRETE SIDEWALK - 1/50-2.00
- 7 NEW PLANTING ISLAND
- 8 NEW RECYCLE RECEPTACLE - 4/50-2.00
- 9 RELOCATED TRASH RECEPTACLE - 4/50-2.00
- 10 EXISTING SIDEWALK
- 11 EXISTING TREE TO REMAIN (TYP)
- 12 EXISTING PICNIC UNITS
- 13 EXISTING BIKE RACKS
- 14 LIMIT OF ALAMODOME FILL
- 15 EXISTING PARK SIGN
- 16 EXISTING PARK ENTRY GATES
- 17 EXISTING BALL FIELD BACKSTOP
- 18 EXISTING BOLLARDS
- 19 5 RELOCATED PARK SIGNS
- 20 NEW PET STATION - 3/50-2.00
- 21 NEW CONCRETE SIDEWALK (ADD. ALT. #1) - 1/50-2.00
- 22 NEW STOP LINE - (REFER TO CIVIL PLANS.)
- 23 NEW STOP SIGN - (REFER TO CIVIL PLANS.)

WORK IN ALAMODOME FILL AREA LIMITS:

1. CONTRACTOR SHALL LIMIT EXCAVATION ACTIVITY IN THE ALAMODOME FILL AREA LIMITS. EXCAVATION ACTIVITY SHALL BE KEPT WITHIN 2 FEET OF THE SURFACE AS MUCH AS POSSIBLE. IN AREAS WHERE EXCAVATION DEPTH WILL EXCEED 2 FEET FROM THE SURFACE, THE EXCESS SOIL (SOILS DEEPER THAN 2 FEET) MUST BE PLACED BACK IN THE EXCAVATED AREA. IF EXCESS SOIL CAN NOT BE RETURNED OR REUSED AT THE ORIGINAL DEPTH, THEN THE CONTRACTOR MUST TRANSPORT AND DISPOSE OF THE SOILS AT A LICENSED LANDFILL. REFER TO THE WASTE MANAGEMENT PLAN PREPARED BY PAPE DANSON ENGINEERS FOR PROPER INSTRUCTIONS.

2. PRIOR TO SOILS DISPOSAL AT A LANDFILL, ALL SOILS ARE TO BE CHARACTERIZED BEFORE TRANSPORT.



- NOTES:**
1. REFER ALSO TO THE DEMOLITION PLAN FOR REMOVAL OF ALL EXISTING SITE ELEMENTS.
 2. REFER ALSO TO THE CIVIL PLANS FOR PARKING LOT LAYOUT, GRADING, AND EROSION CONTROL.
 3. TREE PROTECTION FENCING MUST BE IN PLACE BEFORE THE START OF ANY SITE WORK.

SITE HAS NO BUILDING FACILITIES PLANNED. IMPROVEMENTS PLANNED ARE PARKING LOT EXPANSION AND AN OUTDOOR BASKETBALL COURT.



Date	Revisions/Submissions

CITY OF SAN ANTONIO
 CAPITAL IMPROVEMENTS MANAGEMENT SERVICES
 VERTICAL PROJECTS DIVISION
 SAN ANTONIO, TX 78215
 114 W. COMMERCE ST.
 TEL: (210) 207-4187

TOM SLICK PARK
 7400 HIGHWAY 151
 SAN ANTONIO, TEXAS 78227
 SITE DEVELOPMENT PLAN

WARNING!
 ALL CONTRACTORS MUST KNOW EXACT LOCATION OF, AND AVOID, ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING WORK. CALL 1-800-DIG-TESS AT LEAST 72 HOURS PRIOR.

STOP!
CALL BEFORE YOU DIG
 DIG TESS
 1-800-DIG-TESS
 (at least 72 hours prior to digging)



1 SITE DEVELOPMENT PLAN
 1" = 30'-0"

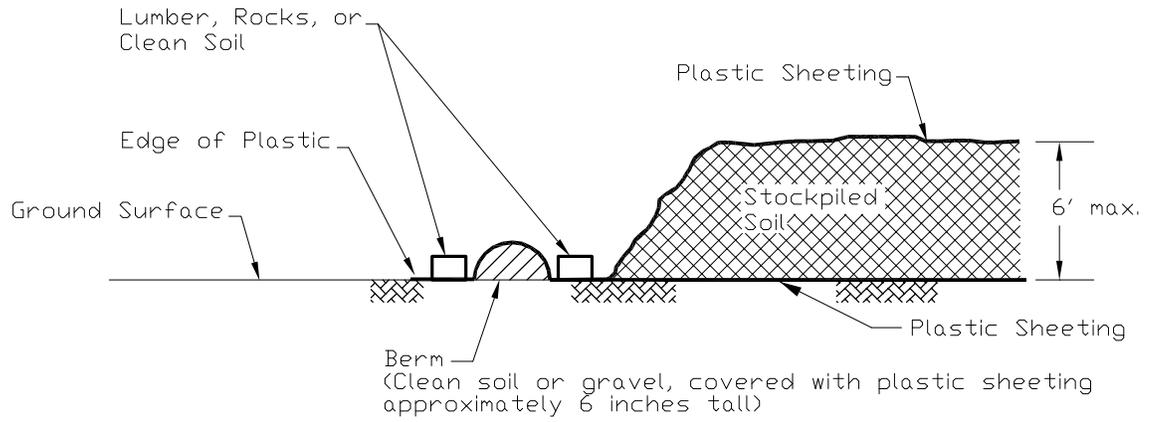


THE DOME DIRT LIMIT SHOWN ON THE PLAN IS CONSIDERED THE LATEST INFORMATION OBTAINED BY THE DESIGNER. BENDER WELLS CLARK DESIGN CAN NOT ATTEST TO ITS ACCURACY. CONTRACTOR SHALL WORK WITH CARE IN THE VICINITY OF THE LIMIT. CONTRACTOR SHALL ALSO BE FAMILIAR WITH THE ENVIRONMENTAL SITE ASSESSMENT (2012) ASSOCIATED WITH THIS PARK.

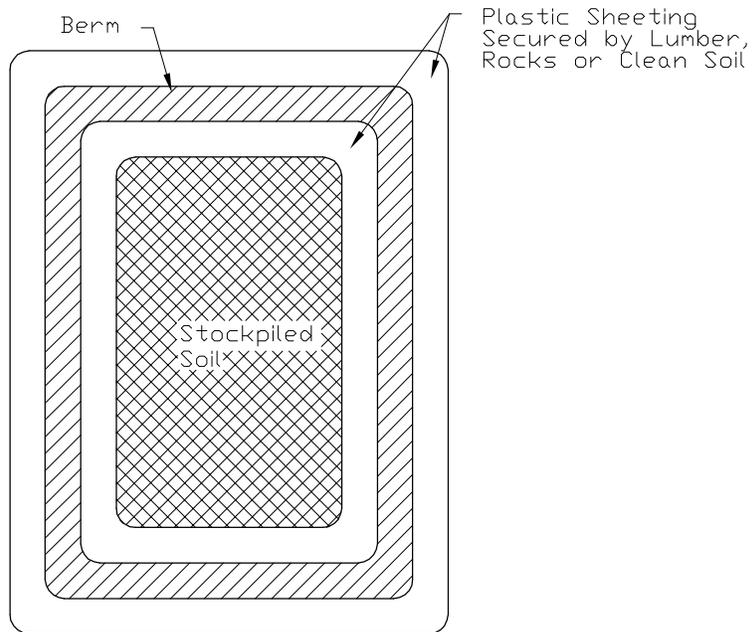


Designed By: BWCD
 Drawn By: JP
 Date: 08-12-2013
 Project No.: COSA #40-00398
 Filename: _____

Suggested Stockpile Protection



PROFILE



PLAN



555 EAST RAMSEY | SAN ANTONIO, TEXAS 78216 | PHONE: 210.375.9000
FAX: 210.375.9010

TEXAS BOARD OF PROFESSIONAL ENGINEERS, FIRM REGISTRATION # 470

ITEM 110

110.1 Contractors Bid Item –Transportation and Disposal of Impacted Soils

110.1.1 Transportation to Disposal Facility [Contractor] (Estimated Quantity: 0.7 loose or truck cubic yards) Refer to Bid Item 110.1.1

110.1.2 Landfill Disposal [Contractor] (Estimated Quantity: 0.7 loose or truck cubic yards) Refer to Bid Item 110.1.2

ITEM 110.2 SITE SAFETY AND HAZARDOUS MATERIALS TRAINING

Because of the potential for exposure to hazardous materials, all contractors, employees, and subcontractors working in or near the areas of known impacted media shall be required to have successfully completed a 40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER) course in accordance with the Occupational Safety and Health Administration (OSHA) guidelines contained in 29 Code of Federal Regulations 1910.120 and retain current certification in such. The site health and safety supervisor shall have completed the 8-hour HAZWOPER Supervisory Training course.

The Contractor shall be responsible for providing this training to their employees and subcontractors' employees. The Contractor shall make current completion certifications available for inspection at any time during the project.

ITEM 110.3 SITE SPECIFIC HEALTH AND SAFETY PLAN

The Contractor shall prepare and implement a Site Specific Health and Safety (H&S) Plan. The Contractor shall also provide a competent Health and Safety Officer/Supervisor or environmental consultant who will comply and implement the Site Specific H&S Plan. The Project Health and Safety Officer/Supervisor or environmental consultant shall also be responsible for providing environmental oversight, air monitoring and aiding the Contractor, City Inspector(s), and/or City's representative to coordinate handling and disposition of impacted soils at the construction site. The Construction

Superintendent may also be considered as the Health and Safety Officer/Supervisor.

The Contractor's H&S Plan must comply with applicable regulations contained in 29 CFR 1910.120. The Contractor should review and apply the standards found in Section 1910.120 (Hazardous Waste Operations), Subsection M (personal protective equipment), and Subsection Z (Toxic and Hazardous Substances). Additionally, the Contractor should review and incorporate into the H&S Plan all relevant construction procedures which are regulated by Section 1926. The H&S Plan shall be submitted to the City of San Antonio, Environmental Management Division to the attention of the Environmental Project Manager for review prior to beginning construction activities in the impacted areas. Once the Contractor H&S Plan meets the requirements below, the Contractor may begin construction activities in the affected areas.

Where the various sections of the Occupational Safety and Health Administration (OSHA) regulations require specific subplans/programs, such as Confined Space, Lockout/Tagout, Hazard Communication, Excavation and Trenching, etc., written documentation shall be developed by the Contractor that is specific for the potential hazards associated with this construction effort. This is in addition to standard OSHA requirements for this type of construction project. Appropriate traffic control devices and location access limitation devices shall be utilized according to applicable regulations and the approved H&S Plan.

The H&S Plan shall include at a minimum the following information:

- 1) A health and safety risk analysis for each location, task, or operation to be performed by the Contractor.
- 2) A description of the training to be provided to location workers to comply with 29 CFR 1910.120(f).
- 3) List of engineering controls, work practices, and personal protective equipment to be provided by the Contractor to the Contractor's employees for each task or operation to be performed. These must comply with 29 CFR 1910.120(g).
- 4) A description of the frequency and type of air monitoring to be provided to comply with 29 CFR 1910.120(h), including the concentrations of contaminants or air constituents that will cause the Contractor to take actions to increase or decrease protective measures.

- 5) A description of location control measures to be used to comply with 29 CFR 1910.120(d).
- 6) A decontamination plan to comply with requirements of 29 CFR 1910.120(k). This plan must address both personnel and equipment decontamination and disposal of decontamination-generated fluids and materials.
- 7) An emergency response and spill containment plan to comply with 29 CFR 1910.120(i and j).
- 8) A confined space entry program to comply with 29 CFR 1910.146.
- 9) An excavation safety program to comply with 29 CFR 1926, Subpart P.
- 10) A location map, with a route and phone number, to the nearest emergency medical facility.
- 11) Personal Protective Equipment (PPE) levels shall be defined as appropriate to location contaminant concentrations in order to maintain worker safety.
- 12) A route map showing the closest medical facility to the site.
- 13) A truck route map showing the designated route from the project site to the proposed disposal facility.

The Contractor shall add additional elements to the H&S Plan, as required, for the safe execution of the project. The Contractor must include a written statement that they are committed to employing/enforcing the H&S Plan and will be implemented for all project operations. All workers and visitors to the site shall be informed of the H&S Plan and shall sign a statement acknowledging their commitment to following the procedures of the H&S Plan. The Contractor will be required to submit a finalized copy of the H&S Plan, a copy of the 40-hour HAZWOPER training certifications, and a copy of the 8 hour supervisory training certificates of all employees qualified to work within the impacted area to the City of San Antonio, Environmental Management Division (EMD), prior to beginning construction. CIMS EMD will review the submittals and determine whether the contractor meet the requirements or not.

The chemicals of concern in the impacted soils will be forwarded to the selected contractor to prepare the H&S Plan.

There is the possibility that other contaminants could be encountered within the project limits. If the Contractor suspects additional contamination or impacted media outside the designated areas, the Contractor shall notify the City's representative and/or City's representative immediately.

Upon completion, the Contractor is required to submit a final report for this project. The environmental report shall include but not be limited to: air monitoring results, total cubic yards of impacted media removed and disposed, and a summary of environmental activities.

This work will be paid under Item 110.4, "Site Specific Health and Safety Plan," and includes all equipment, time, materials, and labor required to complete the work.

110.4 Contractors Bid Item -- Site Specific Health and Safety Plan

Development and Implementation of a Site Specific Health and Safety Plan (Lump Sum) - - Refer to Bid Item 110.4.