



CITY OF SAN ANTONIO
TRANSPORTATION & CAPITAL IMPROVEMENTS
Seeling Channel Phase II Drainage #40-00427

ADDENDUM NO.2

March 24, 2015



TO BIDDER OF RECORD:

The following changes, additions, and/or deletions are hereby made a part of the Contract Documents for the Seeling Channel Phase II Drainage #40-00427 project for the City of San Antonio, Transportation & Capital Improvements, San Antonio, Texas, dated March 2015, as fully and completely as if the same were full set forth therein. The contractor shall be required to sign an acknowledgement of the receipt of this addendum and submit with their bid.

GENERAL

Not applicable.

BIDDING AND CONTRACT REQUIREMENTS

Not applicable.

TECHNICAL SPECIFICATIONS

Not applicable.

DRAWINGS:

Appended hereto and part of Addendum No. 2 is:

1. Plan Sheets, Sheet 104 - General Notes II (Attached to this Addendum) is revised as follows:
Add a section of notes titled "ADDITIONAL NOTES" and include the following numbered notes.

"1. EXCESS SOIL DISPOSAL: Contractor shall provide a submittal regarding disposal sites to the City once the contractor receives the Intent of Award letter. The conditions set forth herein are solely due to a desire by the City to manage and document the disposal of excess soils from this site in accordance with the City's policy. Accordingly, in the soil disposal submittal, the contractor shall:

Contractor shall certify and assure that the number of soil disposal sites does not exceed three (3) sites.

Contractor shall certify that no disposal areas are within the flood plain and provide OWNER evidence to that effect.

Contractor shall provide to the City of San Antonio the written authorization from all affected landowners to dispose of soil from this project site on their property for future development.



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Contractor shall include provisions in landowner agreements that the City reserves the right to conduct independent visual inspections and soil testing on listed properties, if necessary prior to disposal of project excess soils to determine background levels of various elements as identified by the City. Said landowner agreements will provide an effective right of entry that will expire upon substantial completion of the project.

Contractor agrees to abide by the landowners written conditions in landowner agreements including those related to for placing, compacting, restoration, and erosion control of the site(s), and that the landowner's will be requested to provide final written approval before prior to substantial completion, and that any costs the City incurs to address legitimate landowner concerns will be considered and may be deducted from the Contractor's final payment as determined by the City.

Contractor agrees to comply with other regulatory authorizations for proper and legal implementation of the reuse plan prior to soils transport, as applicable. Contractor needs to ensure an appropriate storm water pollution prevention plan is developed and implemented in accordance with Texas Pollutant Discharge Elimination System requirements, as applicable.

Contractor shall be responsible for tracking excess soil disposed of at approved designated areas. Contractor shall track loads and provide documentation, such as trip tickets or "bill of lading" for all transported soil to each approved site."

OTHER:

Not applicable.

SUPPLEMENTAL GENERAL NOTES:

1. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN ALL REQUIRED STORM WATER PERMITS, FEES, AND APPROVALS. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PERMITS REQUIRED FOR CONSTRUCTION IN DRAINAGE EASEMENTS, RIGHT-OF-WAYS, AND FLOODPLAINS.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING DRAINAGE FACILITIES FROM DAMAGE. ANY DAMAGE TO EXISTING DRAINAGE SYSTEMS, WHETHER OR NOT SHOWN ON THE PLANS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AT HIS EXPENSE. THE CONTRACTOR SHALL NOTIFY STORM WATER ENGINEERING AT 210-207-8052 AS SOON AS CONFLICTS WITH UTILITIES ARE ENCOUNTERED OR ANY DRAINAGE SYSTEM IS DAMAGED DURING CONSTRUCTION.
3. UPON COMPLETION OF TRENCHING, THE AREA WILL BE BACK FILLED AND COMPACTED TO ITS ORIGINAL CONDITION. TRENCHES/BORE PITS TO BE OPEN AND UNATTENDED LONGER THAN 24 HOURS SHALL BE PROTECTED TO WITHSTAND ALL HYDRODYNAMIC AND HYDROSTATIC FORCES AND PREVENT DOWNSTREAM IMPACTS. TRENCHES/BORE PITS TO OPEN LONGER THAN 30 DAYS AFTER STARTING EXCAVATION SHALL BE BACK FILLED WITH A SEMI-PERMANENT REPAIR BACK FILL.
4. IMPROVED SECTIONS OF EARTHEN CHANNELS AND/OR WATERWAYS WILL BE VEGETATED BY SEEDING OR SODDING. EIGHTY FIVE PERCENT OF THE CHANNEL SURFACE AREA MUST HAVE ESTABLISHED VEGETATION BEFORE THE CITY OF SAN ANTONIO WILL ACCEPT THE CHANNEL FOR MAINTENANCE.

STORM WATER ENGINEERING NOTES:

1. THE CONTRACTOR SHALL NOTIFY STORM WATER ENGINEERING AT LEAST 24 HOURS PRIOR TO THE INSTALLATION OF ANY DRAINAGE FACILITY WITHIN A FLOODPLAIN, DRAINAGE EASEMENT OR STREET RIGHT-OF-WAY NOT INDICATED ON THE CONSTRUCTION PLANS. ANY DAMAGE TO EXISTING DRAINAGE SYSTEMS, WHETHER OR NOT SHOWN ON THE PLANS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AT HIS EXPENSE. THE CONTRACTOR SHALL NOTIFY STORM WATER ENGINEERING AT 210-207-8052 AS SOON AS CONFLICTS WITH UTILITIES ARE ENCOUNTERED OR ANY DRAINAGE SYSTEM IS DAMAGED DURING CONSTRUCTION.
2. CONSTRUCTION SPOILS WILL NOT BE ALLOWED TO BE DEPOSITED ANYWHERE WITHIN A DRAINAGE EASEMENT, RIGHT-OF-WAY, OR FLOODPLAIN WITHIN THE LIMITS OF THE PROJECT AND SHALL BE DISPOSED OFF SITE IN COMPLIANCE WITH CURRENT APPLICABLE REGULATIONS.
3. NO STRUCTURE, FENCES, WALLS, LANDSCAPING, OR OTHER OBSTRUCTIONS THAT IMPEDE DRAINAGE SHALL BE PLACED WITHIN THE LIMITS OF THE DRAINAGE EASEMENTS SHOWN ON THE CONSTRUCTION DOCUMENTS.
4. EIGHTY -FIVE PERCENT OF THE EARTHEN CHANNEL SURFACE AREA MUST HAVE ESTABLISHED VEGETATION BEFORE THE CITY OF SAN ANTONIO WILL ACCEPT THE CHANNEL FOR MAINTENANCE.

ENGINEER'S NOTES:

1. ALL STORM DRAIN PIPE SHALL BE RCP CLASS III WITH RUBBER GASKET JOINTS CONFORMING TO ASTM C361 OR C443 UNLESS OTHERWISE NOTED ON THE DRAWINGS. ALL PRECAST BOX CULVERTS SHALL BE ASTM C1433 WITH RUBBER GASKETS FOR SEALING THE JOINTS.
2. ALL TRENCH EXCAVATION SHALL BE IN ACCORDANCE WITH THE OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION. THE CONTRACTOR IS REMINDED OF HIS RESPONSIBILITY TO PROVIDE A TRENCH SAFETY PROTECTION PLAN PRIOR TO THE START OF CONSTRUCTION. THIS DOCUMENT SHALL BE SUBMITTED TO THE CITY AT THE PRE CONSTRUCTION CONFERENCE.
3. LOCATIONS OF ALL UNDERGROUND UTILITIES IN THE VICINITY OF STORM DRAIN CONSTRUCTION SHALL BE UNCOVERED TO DETERMINE EXACT LOCATIONS PRIOR TO THE START OF CONSTRUCTION. THIS SHALL BE A NO SEPARATE PAY ITEM.
4. ALL JOINTS, SEALS, CONNECTIONS, AND MODIFICATIONS NECESSARY FOR PROPER INSTALLATION OF STORM DRAINAGE SYSTEMS SHALL BE SUBSIDIARY TO RCP AND BOX CULVERT BID ITEMS.
5. ENERGY DISSIPATION BLOCKS SHALL BE INCLUDED IN THE PRICE BID FOR CONCRETE RIP RAP AND ARE A NO SEPARATE PAY ITEM.
6. CONTROL POINTS FOR MANHOLES AND JUNCTION BOXES SHALL BE THE CENTER OF THE STRUCTURE BASE.
7. CONTROL POINTS FOR CURB INLETS SHALL BE THE MIDPOINT OF THE FACE OF CURB FOR CURB INLET ONLY (EXCLUDING INLET EXTENSIONS) . TOP OF CURB INLET ELEVATIONS SHALL MATCH THE PROPOSED TOP OF CURB ELEVATIONS, ON GRADE INLETS SHALL BE CONSTRUCTED AT THE SAME ROADWAY PROFILE GRADE AS PER APPLICABLE STANDARD DETAILS.
8. ALL RCP STORM DRAINAGE PIPE SHALL BE INSTALLED WITH A CLASS 'C' EMBEDMENT UNLESS OTHERWISE SHOWN ON THE DRAWINGS. ALL BACK FILL AND EMBEDMENT SHALL BE SUBSIDIARY TO COSA BID ITEM 401.
9. MANHOLE RISERS ARE SUBSIDIARY TO JUNCTION BOX, MANHOLE AND INLET, BID ITEMS. ALL MANHOLE COVERS SHALL BE BOLTED.
10. ALL HORIZONTAL BENDS AND PIPE TO PIPE ANGLED CONNECTIONS IN RCP PIPE SHALL BE CONSTRUCTED USING PRE -FABRICATED BENDS AND FITTINGS.
11. THE LOCATIONS OF DRIVEWAYS, STEPS, ETC., AS SHOWN ON THESE PLANS ARE APPROXIMATE. ACCURATE LOCATIONS SHALL BE DETERMINED AT THE TIME OF CONSTRUCTION AFTER CONSULTATION WITH THE PROPERTY OWNERS.
12. CONTRACTOR SHALL REPLACE ALL BENCHMARKS REMOVED OR MODIFIED BY CONSTRUCTION.
13. CONTRACTOR SHALL RECONSTRUCT ALL EXISTING DRIVEWAYS TO THE LIMITS SHOWN OR TO THE NEAREST CONSTRUCTION JOINT IN THE EXISTING DRIVEWAYS AS DIRECTED BY THE ENGINEER.

ENGINEER'S NOTES (CONT'D) :

14. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND MAINTAIN ALL EROSION CONTROL FACILITIES BEFORE, DURING AND AFTER ALL CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.
15. FLEXIBLE BASE SHALL BE TYPE D GRADE 1.
16. FOR PEDESTRIAN SAFETY, THE CONTRACTOR SHALL INSTALL ORANGE PLASTIC CONSTRUCTION FENCING (4 FEET TALL MINIMUM) AROUND ALL OPEN EXCAVATIONS OR AS DIRECTED BY THE ENGINEER, SUCH FENCING SHALL NOT OBSTRUCT SIGHT LINES OF THE TRAVELING PUBLIC. THIS SHALL BE A NO SEPARATE PAY ITEM.
17. THE CONTRACTOR SHALL COVER OR TEMPORARILY REMOVE EXISTING SIGNS THAT CONFLICT WITH THE SUGGESTED TRAFFIC CONTROL PLANS OR THE INTENT THEREOF BUT DO NOT REQUIRE RELOCATION DUE TO PHYSICAL CONFLICTS, SAID SIGNS SHALL NOT BE RELOCATED UNTIL TEMPORARY SIGN SUPPORTS HAVE BEEN INSTALLED TO ALLOW FOR THE IMMEDIATE RELOCATION OF ANY SUCH SIGNS. THIS SHALL BE A NO SEPARATE PAY ITEM.
18. THE PROJECT IS LOCATED WITHIN THE FEMA 100 YR FLOODPLAIN, AND IS SUBJECT TO PERIODIC INUNDATION. CONTRACTOR SHALL NOT STOCKPILE ANY CONSTRUCTION MATERIALS WITHIN THE 100-YEAR FLOOD PLAIN AND SHALL BE RESPONSIBLE FOR CLEARING ANY CONSTRUCTION MATERIALS FROM ADJACENT WATERWAYS AFTER A FLOOD EVENT REPAIR OF ANY DAMAGES TO DRAINAGE STRUCTURES IN THE PROJECT AREA, OR DOWNSTREAM CAUSED BY CONSTRUCTION DEBRIS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
19. ALL BEARINGS AND COORDINATES ARE REFERENCED TO THE TEXAS STATE PLANE COORDINATE SYSTEM NAD-83 THE SOUTH CENTRAL ZONE. GRID TO SURFACE FACTOR: 1.00017. COORDINATES PROVIDED ARE SURFACE COORDINATES.
20. CONTRACTOR SHALL BE RESPONSIBLE FOR BRACING AND PROTECTION OF UTILITY POLES DURING ALL PHASES OF CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY A MINIMUM OF 72 HOURS IN ADVANCE OF CONSTRUCTION IN THE VICINITY OF THEIR POLES SO THEY CAN VERIFY THE POLES ARE BEING PROPERLY BRACED, PROTECTED, AT NO DIRECT PAYMENT.
21. PREPARATION OF ROW SHALL INCLUDE ALL ROW AREAS WITHIN THE PROJECT, DRIVEWAY AND LEAD WALK PENETRATION AREAS AND SEELING CHANNEL AREA WITHIN THE DAYLIGHT AND PROJECT LIMITS. PREPARATION OF ROW SHALL INCLUDE REMOVAL OF EXISTING CONCRETE, RETAINING WALLS, CONCRETE COLUMNS, BRIDGE CLASS CULVERTS, SLOPE PAVING, FLUMES, AND STORM DRAIN CONDUIT, EXISTING REMOVAL & SALVAGE OF WOODEN BOLLARDS AND OTHER AREAS AS REQUIRED FOR THE DIVERSION AND CARE OF WATER.
22. ALL COORDINATES ARE TAKEN AT EDGE OF PAVEMENT OR FACE OF VERTICAL CURBS UNLESS NOTED OTHERWISE.
23. ALL RADII DIMENSIONS ARE TO FACE OF CURB.
24. CONTRACTOR SHALL PROTECT ALL EXISTING FENCE AND GATES ALONG ROW LINES UNLESS OTHERWISE NOTED ON PLANS.
25. FILL MATERIAL SHALL BE FREE OF VEGETATION AND DEBRIS, AND SHALL BE UNIFORMLY COMPACTED TO A MINIMUM 95% TEX-113-E AT -2% TO +2% PERCENTAGE POINTS ABOVE THE SOILS' OPTIMUM MOISTURE CONTENT UNTIL FINAL COMPACTION, DETERMINED BY THAT TEST. FILL MATERIAL SHALL BE SPREAD IN LOOSE LIFTS NOT EXCEEDING 8 INCHES THICK, ON -SITE SOILS. FREE OF ANY UNSUITABLE MATERIAL, ROCK OR CONCRETE GREATER THAN 4 INCHES IN ANY DIRECTION, MAYBE USED AS GENERAL SITE FILL.
26. FENCE AND GATE ITEMS SHALL INCLUDE CONNECTIONS TO EXISTING FENCING NOT IMPACTED BY THE PROJECT AND INCLUDE REPLACEMENT OF MOW STRIPS IF PRESENT ALONG THE EXISTING FENCE LINE. ADDITIONAL CORNER POSTS MAY BE REQUIRED FOR CONNECTION, AND ARE A NO SEPARATE PAY ITEM.
27. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING IRRIGATION SYSTEMS IN THE PROJECT AREA. ADJUSTMENTS TO EXISTING IRRIGATION SYSTEMS IMPACTED BY THE PROJECT SHALL BE NO SEPARATE PAY ITEM.
28. CONTRACTOR SHALL SALVAGE EXISTING LANDSCAPING PLANTS AND MATERIALS ON PRIVATE PROPERTY TO THE MAXIMUM EXTENT PRACTICABLE.
29. TREES LESS THAN 5" IN DIAMETER ARE NOT SHOWN ON PLANS.
30. THE REPAIR AND MAINTENANCE OF THE DIVERSION AND CARE OF WATER SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE A NO SEPARATE PAY ITEM.
31. THE CONTRACTOR IS ENCOURAGED TO REUSE ON-SITE EXCAVATED SOILS TO THE MAXIMUM EXTENT PRACTICABLE.
32. LIME STABILIZED SUBGRADE SHALL CONTAIN 6% HYDRATED LIME BY WEIGHT. IF DRY PLACEMENT OF LIME IS USED DURING CONSTRUCTION, AN ADDITIONAL 1% OF LIME SHOULD BE ADDED.
33. CONTRACTOR SHALL ENSURE FENCES DISTURBED BY CONSTRUCTION ARE CLOSED AT THE END OF EACH WORKING DAY WITH TEMPORARY CONSTRUCTION FENCING AT A MINIMUM. THIS SHALL BE A NON-SEPARATE PAY ITEM.
34. CONTRACTOR SHALL REFER TO THE DIVERSION AND CARE OF WATER SPECIFICATION FOR ADDITIONAL REQUIREMENTS RELATED TO THE MANAGEMENT OF STORMWATER DURING CONSTRUCTION.
35. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE APPEARANCE OF ALL CONCRETE STRUCTURES UNTIL FINAL ACCEPTANCE OF THE PROJECT.
36. CONTRACTOR SHALL CONSTRUCT LIME STABILIZED SUBGRADE AND FLEXIBLE BASE TO MAXIMIZE 1'-0" BEYOND THE BACK OF CURB. CONSTRUCTION BEYOND THIS LIMIT WILL BE AT CONTRACTORS EXPENSE.
37. CHAIN LINK FENCE ALONG THE CHANNEL WALLS SHALL BE VINYL COATED OR OTHER SIMILAR TREATMENT TO PROVIDE A MORE DURABLE FINISH.

ADDITIONAL NOTES:

1. EXCESS SOIL DISPOSAL: CONTRACTOR SHALL PROVIDE A SUBMITTAL REGARDING DISPOSAL SITES TO THE CITY ONCE THE CONTRACTOR RECEIVES THE INTENT OF AWARD LETTER. THE CONDITIONS SET FORTH HEREIN ARE SOLELY DUE TO A DESIRE BY THE CITY TO MANAGE AND DOCUMENT THE DISPOSAL OF EXCESS SOILS FROM THIS SITE IN ACCORDANCE WITH THE CITY'S POLICY. ACCORDINGLY, IN THE SOIL DISPOSAL SUBMITTAL, THE CONTRACTOR SHALL:

CONTRACTOR SHALL CERTIFY AND ASSURE THAT THE NUMBER OF SOIL DISPOSAL SITES DOES NOT EXCEED THREE (3) SITES.

CONTRACTOR SHALL CERTIFY THAT NO DISPOSAL AREAS ARE WITHIN THE FLOOD PLAIN AND PROVIDE OWNER EVIDENCE TO THAT EFFECT.

CONTRACTOR SHALL PROVIDE TO THE CITY OF SAN ANTONIO THE WRITTEN AUTHORIZATION FROM ALL AFFECTED LANDOWNERS TO DISPOSE OF SOIL FROM THIS PROJECT SITE ON THEIR PROPERTY FOR FUTURE DEVELOPMENT.

CONTRACTOR SHALL INCLUDE PROVISIONS IN LANDOWNER AGREEMENTS THAT THE CITY RESERVES THE RIGHT TO CONDUCT INDEPENDENT VISUAL INSPECTIONS AND SOIL TESTING ON LISTED PROPERTIES, IF NECESSARY PRIOR TO DISPOSAL OF PROJECT EXCESS SOILS TO DETERMINE BACKGROUND LEVELS OF VARIOUS ELEMENTS AS IDENTIFIED BY THE CITY. SAID LANDOWNER AGREEMENTS WILL PROVIDE AN EFFECTIVE RIGHT OF ENTRY THAT WILL EXPIRE UPON SUBSTANTIAL COMPLETION OF THE PROJECT.

CONTRACTOR AGREES TO ABIDE BY THE LANDOWNERS WRITTEN CONDITIONS IN LANDOWNER AGREEMENTS INCLUDING THOSE RELATED TO FOR PLACING, COMPACTING, RESTORATION, AND EROSION CONTROL OF THE SITE (S) , AND THAT THE LANDOWNER'S WILL BE REQUESTED TO PROVIDE FINAL WRITTEN APPROVAL BEFORE PRIOR TO SUBSTANTIAL COMPLETION, AND THAT ANY COSTS THAT CITY INCURS TO ADDRESS LEGITIMATE LANDOWNER CONCERNS WILL BE CONSIDERED AND MAY BE DEDUCTED FROM THE CONTRACTOR'S FINAL PAYMENT AS DETERMINED BY THE CITY.

CONTRACTOR AGREE TO COMPLY WITH OTHER REGULATORY AUTHORIZATIONS FOR PROPER AND LEGAL IMPLEMENTATION OF THE REUSE PLAN PRIOR TO SOILS TRANSPORT, AS APPLICABLE. CONTRACTOR NEEDS TO ENSURE AND APPROPRIATE STORM WATER POLLUTION PREVENTION PLAN IS DEVELOPED AND IMPLEMENTED IN ACCORDANCE WITH TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM REQUIREMENTS, AS APPLICABLE.

CONTRACTOR SHALL BE RESPONSIBLE FOR TRACKING EXCESS SOIL DISPOSED OF AT APPROVED DESIGNATED AREAS. CONTRACTOR SHALL TRACK LOADS AND PROVIDE DOCUMENTATION, SUCH AS TRIP TICKETS OR "BILL OF LADING" FOR ALL TRANSPORTED SOIL TO EACH APPROVED SITE.

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March 24, 2015

2 03/24/2015 Addendum 2 Added "ADDITIONAL NOTES"				
NO	DATE	DESCRIPTION	DWG	CHK
REVISIONS				

AECOM TECHNICAL SERVICES, INC.
112 E. PECAN ST., SUITE 400
SAN ANTONIO, TEXAS 78205
WWW.AECOM.COM
TBPB REG. NO. F-3580

CITY OF SAN ANTONIO
TRANSPORTATION & CAPITAL IMPROVEMENTS
SEELING CHANNEL IMPROVEMENTS PHASE 2

GENERAL NOTES II

100% SUBMITTAL	PROJECT NO.: 60312595	DATE: MARCH, 2015
DRWN. BY: CP	DSGN. BY: BEH	CHKD. BY: EKC
		SHEET NO. 104



City of San Antonio
TRANSPORTATION AND CAPITAL IMPROVEMENTS

RECEIPT OF ADDENDUM NUMBER(S) 2 IS HEREBY ACKNOWLEDGED FOR PLANS AND SPECIFICATIONS FOR CONSTRUCTION OF THE Seeling Channel Phase II Drainage #40-00427 FOR WHICH BIDS WILL BE OPENED ON April 7, 2015 at 2:00pm THIS ACKNOWLEDGEMENT MUST BE SIGNED AND RETURNED WITH THE BID PACKAGE.

Company Name: _____

Address: _____

City/State/Zip Code: _____

Date: _____

Signature

Print Name/Title