Bid No. B12-09
South Perimeter Road Repair, Phase II

Addendum No. 1

This Addendum No. 1 sets forth modifications to portions of the bid and contract documents for the above-referenced work described as:

South Perimeter Road Repair, Phase II

1) Revised Bid Bond Document, attached.
   Bid Bond should read: Cabrillo Community College District
   There was a typographical error in the original Bid Bond. Please replace with the revised Bid Bond that shows Cabrillo as the Community College District.

2) Addition to the Specifications:
   Add: Section 31 23 00 – Excavation and Fill for Utilities
   Add: Section 33 40 00 – Storm Drainage
   Add: 23 Pictures
   See attached specifications for complete details.

ADD TO THE PROJECT:

a. The removal and replacement of 500 linear feet of Asphalt Concrete Dike. The locations have been marked in the field. See attached photos. The Asphalt Concrete Dike shall be 6 inches high, 12 inches wide at the base and 6 inches wide at the top with a 3 inch batter of the face, similar to the existing asphalt concrete dikes to be replaced.

b. The replacement of 5 through curb drains before replacement of the asphalt concrete dike along the north side of the roadway adjacent to the day care center play area.

   Remove the existing through curb drains at least two feet behind the asphalt concrete dike. Place a Christy V1 concrete drain box, with cast iron grate, or
equal substitute, with the inlet at the end of the remaining existing through curb drain. Grate elevation to be at existing grade or above elevation of asphalt concrete dike, whichever is higher. Place a 3” diameter HDPE, or better, at the drain box outlet, laid to meet the flow line of the to be placed asphalt concrete dike prior to placement of the asphalt concrete dike. Landscaping to be done by the College.

Addendum No. 1 is total of 10 pages and 23 pictures.

Bid Due Date remains the same:

Due: On or before 2:00PM, Thursday, May 24, 2012
Purchasing, Contracts & Risk Management Office
6500 Soquel Dr. Building 2030
Aptos, CA  95003
BID BOND

KNOW ALL MEN BY THESE PRESENTS that we, ________________________________, as Surety and ___________________________________, as Principal, are jointly and severally, along with their respective heirs, executors, administrators, successors and assigns, held and firmly bound unto CABRILLO COMMUNITY COLLEGE DISTRICT, hereinafter “the Obligee,” for payment of the penal sum hereof in lawful money of the United States, as more particularly set forth herein.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT:

WHEREAS, the Principal has submitted the accompanying Bid Proposal to the Obligee for the Work commonly described as the South Perimeter Road Repair, Phase II.

WHEREAS, subject to the terms of this Bond, the Surety is firmly bound unto the Obligee in the penal sum of ten percent (10%) of the maximum amount of the Bid Proposal submitted by the Principal to the Obligee, as set forth above.

NOW THEREFORE, if the Principal shall not withdraw said Bid Proposal within the period specified therein after the opening of the same, or, if no period be specified, for sixty (60) days after opening of said Bid Proposal; and if the Principal is awarded the Contract, and shall within the period specified therefor, or if no period be specified, within five (5) days after the prescribed forms are presented to him for signature, enter into a written contract with the Obligee, in accordance with the Bid Proposal as accepted and give such bond(s) with good and sufficient surety or sureties, as may be required, for the faithful performance and proper fulfillment of such Contract and for the payment for labor and materials used for the performance of the Contract, or in the event of the withdrawal of said Bid Proposal within the period specified for the holding open of the Bid Proposal or the failure of the Principal to enter into such Contract and give such bonds within the time specified, if the Principal shall pay the Obligee the difference between the amount specified in said Bid Proposal and the amount for which the Obligee may procure the required Work and/or supplies, if the latter amount be in excess of the former, together with all costs incurred by the Obligee in again calling for Bids, then the above obligation shall be void and of no effect, otherwise to remain in full force and effect.

Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or the Call for Bids, the Work to be performed thereunder, the Drawings or the Specifications accompanying the same, or any other portion of the Contract Documents shall in no way affect its obligations under this Bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of said Contract, the Call for Bids, the Work, the Drawings or the Specifications, or any other portion of the Contract Documents.

In the event suit or other proceeding is brought upon this Bond by the Obligee, the Surety shall pay to the Obligee all costs, expenses and fees incurred by the Obligee in connection therewith, including without limitation, attorneys fees.
IN WITNESS WHEREOF, the Principal and Surety have executed this instrument this ______ day of ______, 20__ by their duly authorized agents or representatives.

(Principal’s Corporate Seal)                                                                                     (Principal Name)

By:________________________________________________________________________

(Principal’s Corporate Seal)                                                                                     (Principal Name)

Title: _______________________________________________________________________

(Surety’s Corporate Seal)                                                                                       (Surety Name)

By: _______________________________________________________________________

(Signature of Attorney-in-Fact for Surety)

(Attach Attorney-in-Fact Certificate)                                                                             (Typed or Printed Name)

( ) ________________ __________________

(Area Code and Telephone Number of Attorney-In-Fact for Surety)

Contact name, address, telephone number and email address for notices to the Surety

( ) _______________________________________________________________________

(Contact Name)

( ) _______________________________________________________________________

(Address)

( ) _______________________________________________________________________

(Telephone)

( ) _______________________________________________________________________

(Email address)
Addendum #1

May 18, 2012

To: Prospective Bidders

Subject: Addendum #1 to the Bidding Documents for:

South Perimeter Road Repair, Phase II
Aptos Campus
Bid No. B12-09

This addendum forms a part of the bidding and contract documents and modifies the original bidding documents dated May 4, 2012. Acknowledge receipt of this addendum in space provided on bid form. FAILURE TO DO SO MAY SUBJECT THE BIDDER TO DISQUALIFICATION.

PROJECT MANUAL:

1. **ADD:** SECTION 31 23 00 – EXCAVATION AND FILL FOR UTILITIES

2. **ADD:** SECTION 33 40 00 – STORM DRAINAGE

ADD TO THE PROJECT:

1. The removal and replacement of 500 linear feet of Asphalt Concrete Dike. The locations have been marked in the field. See attached photos. The Asphalt Concrete Dike shall be 6 inches high, 12 inches wide at the base and 6 inches wide at the top with a 3 inch batter of the face, similar to the existing asphalt concrete dikes to be replaced.

2. The replacement of 5 through curb drains before replacement of the asphalt concrete dike along the north side of the roadway adjacent to the day care center play area.

Remove the existing through curb drains at least two feet behind the asphalt concrete dike. Place a Christy V1 concrete drain box, with cast iron grate, or equal substitute, with the inlet at the end of the remaining existing through curb drain. Grate elevation to be at existing grade or above elevation of asphalt concrete dike, whichever is higher. Place a 3" diameter HDPE, or better, at the drain box outlet, laid to meet the flow line of the to be placed asphalt concrete dike prior to placement of the asphalt concrete dike. Landscaping to be done by the College.

BID DATE:

This addendum does not alter the previously published bid date.

Very truly yours,
Bowman & Williams

Joel F. Ricca, RCE 53588
Principal Engineer

Attachment: 5 pages, 23 photos
SECTION 31 23 00 – EXCAVATION AND FILL FOR UTILITIES

PART 1 - GENERAL

1.01 SUMMARY

A. Section Includes
   1. Trench excavation for utilities.
   2. Excavation drain inlets
   3. Compacted bedding and compacted backfill over utilities to subgrade elevations.

1.02 REFERENCES

A. Standards listed below, with their designation in parenthesis, apply where designation is cited in this Section. Where the applicable year of adoption or revision is not listed below, the latest edition applies.


1. Interpretation of Standard Specifications:
   a. Wherever the term Commission of Department occurs, it shall mean the College.
      Whenever the term Director or Executive Officer occurs, it shall mean the College's Representative.
   b. Whenever a discrepancy occurs between the Standard Specifications and this specification, this specification governs.

1.03 DEFINITIONS

A. Relative Compaction: Ratio (expressed as a percentage) of the field dry density to the maximum dry density of a representative sample of the same material determined by ASTM D1557.

B. Field Density: In-place compacted dry density as determined in accordance with ASTM D2922 or ASTM D1556 at the discretion of the Geotechnical Engineer.

C. Unstable or "Pumping" Surface: Compacted soil or aggregate which, in the opinion of the Geotechnical Engineer, shows unacceptable deflection either vertically or laterally, under loading of construction equipment.

1.04 SUBMITTALS

A. Deliver samples of bedding and backfill materials to the District's Geotechnical Engineer in quantities sufficient for testing. Deliver at least 15 days prior to use.

1.05 QUALITY CONTROL

A. The Geotechnical Engineer shall monitor the quality control testing during trenching and backfilling operations.
PART 2 - PRODUCTS

2.01 BEDDING AND SELECT BACKFILL MATERIALS

A. Utility Trench Bedding and Backfill Material shall be native material or imported sand and be approved by the District’s Geotechnical Engineer.

2.02 SOURCE QUALITY CONTROL

A. The District’s Geotechnical Engineer shall test earth materials for conformance with requirements specified.

PART 3 - EXECUTION

3.01 PREPARATION

A. Underpin adjacent structures which may be damaged by excavation work, including utilities.

B. Maintain trench crossings for vehicular and pedestrian traffic at street crossings, driveways, and fire hydrants, and at paved pedestrian paths to remain in service.

C. Maintain uninterrupted flow of storm water in gutters and drainage channels.

D. Prevent surface water run-off into excavation.

3.02 EXCAVATION

A. Perform work in accordance with applicable federal, state and local safety codes, ordinances and regulations.

B. Where trenching for Utilities is required within tree drip lines, tunnel under and around roots by hand digging. Main lateral roots and tap roots shall not be cut. Smaller roots that interfere with installation of new work may be cut only as necessary.

C. Excavate trenches sufficiently wide to enable installation of utilities and allow inspection.

E. Remove all material excavated and not usable for landscaping, filling, or backfilling; remove off District property to a legal disposal site.

3.03 PIPE BEDDING

A. Bedding Excavation: Excavate trenches below grade of pipe bottom to the minimum depth indicated in the Drawings.

B. Stabilization of Trench Bottom: When trench is unstable due to wet or spongy foundation, stabilize trench bottom with gravel or crushed rock. The Geotechnical Engineer will determine suitability of trench bottom and amount of gravel or crushed rock needed to stabilize soft foundation. Remove and replace soft material with gravel or crushed rock per District’s Geotechnical Engineer.

C. Placement of Bedding Material: Place a minimum of 6” bedding material in trench bottom up to the grade of bottom of pipe.
3.04 BACKFILLING

A. General:
1. Ponding or jetting of backfill is not permitted.
2. Proceed with backfilling as soon as possible after placing pipe; however, place no backfill until all required inspections and tests have been made.

B. Initial Backfill:
1. Prior to trench backfill, the Geotechnical Engineer will observe condition of trench.
2. Place and compact backfill material in eight inch lift maximum. Backfill material shall be native material or imported sand in the pipe zone extending not less than 6” above crown of pipe. Material shall be installed as required per the Project Geotechnical Investigation.

C. Subsequent Backfill:
1. Above initial backfill, place and compact engineered fill to at least 90 percent relative compaction as determined by the ASTM D1557 Test Procedure. Place backfill material in layers not exceeding 8 inches in loose depth, and compact each layer before succeeding layers are placed.
2. Compact backfill to a relative compaction of not less than 95 percent beneath paved areas and playfield.
3. Place additional warning tape as required in accordance with the Drawings.

3.05 TRENCH SURFACING

A. General: In unimproved areas, restore trench surface to its original condition, with topsoil, cap in vegetated areas.

3.06 FIELD QUALITY CONTROL

A. Testing and inspection will be performed under provisions of the Geotechnical Engineer.

B. The District’s Geotechnical Engineer will periodically observe trench excavation and placement and compaction of backfill.

C. The District’s Geotechnical Engineer will perform field density. Location and frequency of testing will be at the discretion of the District's Testing Laboratory in conformance with testing program established by the Geotechnical Engineer.

END OF SECTION 31 23 00
SECTION 33 40 00 – STORM DRAINAGE

PART 1 - GENERAL

1.01 SUMMARY

A. Section Includes
   1. Installation of drainage lines.

B. Related Sections
   1. Section 31 23 00 – Excavation and Fill for Utilities

1.02 REFERENCES

A. Standards listed below, with their designation in parenthesis, apply where designation is cited in this Section. Where the applicable year of adoption or revision is not listed below, the latest edition applies.

   1. Interpretation of Standard Specifications:
      a. Wherever the term Commission of Department occurs, it shall mean the College.
      b. Whenever the term Director or Executive Officer occurs, it shall mean the College's Representative.

b. Whenever a discrepancy occurs between the Standard Specifications and this specification, this specification governs.

1.03 SUBMITTALS

A. Submit the following:
   1. Product Data.
   2. Manufacturer's installation requirements.

1.04 SITE CONDITIONS

A. Existing Conditions:
   1. Verify existing conditions in the field prior to commencing work.
   2. Contractor to identify all existing utility lines at points or crossing and/or connection of new system. Refer to Section 31 23 00.

PART 2 - PRODUCTS

2.01 PIPE AND FITTINGS

A. HDPE Pipe:
   1. Storm drain pipe shall be High Density Polyethylene (HDPE), or approved substitute, unless otherwise noted on plans, both Pipe and Fittings shall conform to ASTM F2306.
2.02 DRAINAGE INLET STRUCTURES

A. Contractor shall not reuse existing inlet structures, unless noted on the plans.

B. New Inlet Structures – Pre-cast concrete drainage structures as specified.

PART 3 - EXECUTION

3.01 PIPE LAYING

A. General

1. Prepare trench bottom or bedding material so that the pipe is supported for the full length of the barrel, with full bearing on the bottom segment of pipe, equal to a minimum of 0.5 times the outside diameter of the barrel. Densification of bedding, haunching, or initial backfill for pipe shall be accomplished after any sheeting or shoring has been removed from the zone. Bedding zone for HDPE, unless noted on plans, shall be mechanically compacted before backfill is placed.

2. Beginning at the lowest point, lay pipe on a straight grade upstream from structure to structure, with bell-end upgrade.

3. Join the pipe using materials recommended by the pipe manufacturer for the purpose intended. Obtain a watertight joint to prevent leakage and infiltration under all conditions of expansion, contraction, and settlement.

B. Plugging Pipes

1. Temporary closures during construction: Whenever the work ceases for any reason, securely close the end of the pipe with a tight fitting plug.

3.04 FIELD TESTING

A. Include all labor and equipment for testing and repairs, if any, in the base price.

B. Cleaning: Prior to acceptances, thoroughly clean the inlets, clean-outs, drainage structures and pipe installation by flushing. Contractor responsible for clean-up and transport of flushed material off District property for disposal.

END OF SECTION 33 40 00