April 15, 2009

Enclosed is **ADDENDUM NO. 2** to the Construction Documents on the above-captioned project.

The Bid date has been changed from Wednesday, April 22, 2009 at 2:30 PM to **Friday, April 24, 2009** at **2:30 PM** to be held at:

**CONTRACTING SERVICES**
Facilities Management, Bldg. 439,
Door #E, Reception Counter
University of California, Santa Barbara
Santa Barbara, CA 93106-1030.

Late arrivals shall be disqualified. Please allow time for unforeseen traffic delays, securing a parking permit and potential parking problems.

Anna Galanis
Director, Contracting Services
ADDENDUM NUMBER 2

to the

Construction Documents

April 15, 2009

GENERAL

The following changes, additions or deletions shall be made to the following document(s) as Indicated; all other conditions shall remain the same.

I. ADVERTISEMENT FOR BIDS

Item No.

1. Second page, first sentence beginning with “Bid Deadline”. Change to read in it’s entirety:
   “Bid Deadline: Sealed bids must be received on or before 2:30 P.M. on Friday, April 24, 2009. Sealed Bids will be received only at: Contracting Services, Facilities Management, Building #439, Door #E, Reception Counter, University of California, Santa Barbara, Santa Barbara, California 93106-1030.”

II. SUPPLEMENTARY INSTRUCTIONS TO BIDDERS

Item No.

1. Number 4, Change to read in it’s entirety: “Bids will be received on or before the Bid Deadline: 2:30 P.M. on Friday, April 24, 2009. Sealed Bids will be received only at: Contracting Services, Facilities Management, Building #439, Door #E, Reception Counter, University of California, Santa Barbara, Santa Barbara, California 93106-1030.”
III TABLE OF CONTENTS

Item No.

1. **Replace** Table of Contents in its entirety with attached Table of Contents.

IV. SPECIFICATIONS

Item No.

1. **SECTION 02100, DEMOLITION, PART I GENERAL, 1.01 DESCRIPTION, A. WORK INCLUDED, ITEM 2. Replace** in its entirety to read:

   “2. Cut and remove asbestos cement ("Transite") storm drain under building pad,
   
   a. Contractor shall have a safety meeting with the University’s asbestos lead representative prior to removing transite pipe.
   
   b. Pipe removal work to be done per CCR Title 8 Section 1529 and pipe shall not be broken up.
   
   c. University shall supply waste bin, contractor shall load and package waste for disposal and coordinate drop-off and pick-up of waste with University’s Representative.”

2. **SECTION 13020, PREFABRICATED MODULAR BUILDING, PART 2, MATERIALS PARAGRAPH 2.08, SPECIALTIES, A. INTERIOR SPECIALTIES, 2**: **Delete** item “2” in its entirety.

3. **SECTION 13020, PREFABRICATED MODULAR BUILDING, PART 2, MATERIALS, PARAGRAPH 2.08, SPECIALTIES, A. INTERIOR SPECIALTIES, 3**: **Delete** item “3” in its entirety.
V. DRAWINGS

Item No.

1. SHEET A0 - PROJECT DESCRIPTION / DATA, SHEET INDEX / CONSULTANTS. Replace in its entirety with attached drawing SHEET A0 - PROJECT DESCRIPTION / DATA, SHEET INDEX / CONSULTANTS, dated 4/9/09.


3. SHEET A2 - FLOOR PLAN & NOTES, DOOR & WINDOW SCHEDULES Replace in its entirety with attached drawing SHEET A2 - FLOOR PLAN & NOTES, DOOR & WINDOW SCHEDULES, dated 4/9/09.


VI. LIST OF SKETCHES

Item No.

1. Add List of Sketches, Attached.

VII. SKETCHES

Item No.


Item No.

2. Add SKETCH NO. 2 - SANITARY SEWER, CLEANOUT TO GRADE, dated April 9, 2009.

Item No.

3. Add SKETCH NO. 3 - STORM DRAIN, A.C. TO HDPE PIPE, dated April 9, 2009.

Item No.
4. **Add** SKETCH NO. 4 - STORM DRAIN, WYE CONNECTIONS, dated April 9, 2009.

Item No.

5. **Add** SKETCH NO. 5 - STORM DRAIN, 45-DEGREE BENDs, dated April 9, 2009.

Item No.

6. **Add** SKETCH NO. 6 - STORM DRAIN, UTILITY TRENCH, dated April 9, 2009.

Item No.

7. **Add** SKETCH NO. 7 - STORM DRAIN - HDPE TO A.C. PIPE, dated April 9, 2009.

VIII. **CLARIFICATIONS**

Item No.

1. SECTION 03300 CAST-IN-PLACE CONCRETE, PART 2 PRODUCTS, PARAGRAPH 2.01, ARTICLE C. **Clarification:** Aggregate conforming to ASTM 33 and tested for reactivity in accordance with ASTM C1260 and 1293 and meeting the same quality standard as San Gabriel is acceptable. Aggregates from Beereock, Santa Margarita or Grimes Canyon may be considered as meeting the intent of these specifications.

2. SECTION 13020, PREFABRICATED MODULAR BUILDING, PART 1 GENERAL, PARAGRAPH 1.04 REFERENCES. A. **Clarification:** The referenced standard of construction is California Department of Housing and Community Development.

3. SECTION 13020, PART 2 MATERIALS, PARAGRAPH 2.06 OPENINGS. F. METAL WINDOWS. **Clarification:** Aluminum window frames are furnished with nailing tabs, flanges or equal.

4. SHEET A2 FLOOR PLAN & NOTES/DOOR & WINDOW SCHEDULES. Window Schedule Note 1. **Clarification:** Aluminum window frames are furnished with nailing tabs, flanges or equal.

4. SHEET A4, EXTERIOR ELEVATIONS/BUILDING SECTION. EXTERIOR NOTE 2. **Clarification:** Outside corners are mitered and covered by a sheet metal corner to fit lap. Sheet metal corners are manufactured by Simplicity Tool Co.

5. SHEET E2.0 – ELECTRICAL FLOOR PLANS/LIGHTING COMPLIANCE FORMS. Lighting Note 3. **Clarification:** Blue Box does not interlock with light fixtures or motion sensors.

END OF ADDENDUM NO. 2
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Specifications  
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Sketches  

May 1, 2004  
Revision: 1 – 2005_07-06  
LF:TOC
LIST OF SKETCHES

1. SKETCH NO. 1 - BUILDING WATER SUPPLY, POC, dated April 9, 2009.
2. SKETCH NO. 2 - SANITARY SEWER, CLEANOUT TO GRADE, dated April 9, 2009.
3. SKETCH NO. 3 - STORM DRAIN, A.C. TO HDPE PIPE, dated April 9, 2009.
4. SKETCH NO. 4 - STORM DRAIN, WYE CONNECTIONS, dated April 9, 2009.
5. SKETCH NO. 5 - STORM DRAIN, 45-DEGREE BENDS, dated April 9, 2009.
6. SKETCH NO. 6 - STORM DRAIN, utility TRENCH, dated April 9, 2009.
7. SKETCH NO. 7 - STORM DRAIN - HDPE TO A.C. PIPE, dated April 9, 2009.
CONTINUE 1" TYPE 'L' COPPER PIPE IN WALL WITH 3/4" BRANCH TO NEW WATER CLOSET AND LAV AND 3/4" BRANCH WITH BALL TYPE SOV, INTERIOR WALL ACCESS PANEL TO THRU EXTERIOR WALL TO NEW EMERGENCY EYEWASH AND SINK. SEE ARCHITECTURAL PLANS FOR LOCATION OF FIXTURES.

EXISTING 1-1/2" COPPER WATER SERVICE. CUT IN NEW 1-1/2X1-1/2X1 TEE. EXTEND 1" TYPE 'L' COPPER LINE TO NEW BUILDING, CAP WATER SERVICE AT TEE. ABANDON REMAINDER OF 1-1/2" PIPE IN PLACE.

PROVIDE ESCUTCHEONS AT EXTERIOR WALL PIPE PENETRATIONS.

3/4" BRASS HOSE BIB W/ VACUUM BREAKER

EXTERIOR WALL OF NEW BUILDING

1/2" MIN.

18" MIN.

BRASS BALL VALVE (TWO PIECE FULL PORT)

F.G.
SKETCH NO. 2

8" THICK X 18"Ø CONCRETE COLLAR
FINISHED GRADE

ELEVATE TOP TO GRADE (TO BE DETERMINED IN THE FIELD.)
A.C. PAVING
THREADED CLEAN OUT PLUG.
CAST IRON FRAME AND COVER
CONCRETE

WASTE PIPE, SEE SPECIFICATIONS.

1/8 BEND OR LONG SWEEP 90° ELBOW AT TERMINATION OF PIPE

NOTE;
1. TOP OF CLEANOUT TO BE ADJUSTED TO FINISHED SURFACE AFTER GRADING IS COMPLETED.
2. COTG SHALL BE THE SAME SIZE AS THE WASTE PIPE IT SERVES.

SANITARY SEWER, CLEANOUT TO GRADE
REMOVE EXISTING 12"Ø A.C. STORM DRAIN PIPE BACK TO NEXT PLANE END JOINT. BUTT NEW 12"Ø ADS HDPE N-12 MEGA GREEN WT IB PIPE (OR EQUAL) TO PLANE END OF EXISTING A.C. PIPE. WRAP DOUBLE WIDE MAR-MAC COUPLER AROUND CONNECTION. USE MAR-MAC THAT IS ONE DIAMETER LARGER TO PROVIDE ADEQUATE OVERLAP.

SEE HDPE TRENCH DETAIL FOR BEDDING, HAUNCHING, BACK FILL AND NEW AC PAVING REQUIREMENTS.

POUR CONCRETE SLURRY AROUND PIPE JOINT AT MIN. 8" ABOVE AND 12" BELOW PIPE JOINT AND 12" PAST PIPE JOINT ON EACH SIDE.

STORM DRAIN, A.C. TO HDPE PIPE
FACTORY FABRICATED BELL AND SPIGOT WATER TIGHT HDPE FITTING WITH GASKET AND JOINT LUBRICATION. FIELD VERIFY EXACT DEGREE OF FITTING TO ALIGN NEW PIPING WITH EXISTING.

NEW HDPE 12"Ø, BELL AND SPIGOT, N-12, 45° PIPE FITTING WITH WATER TIGHT GASKETS AND JOINT LUBRICANT, OR EQUAL.

NEW HDPE 12"Ø, BELL AND SPIGOT, N-12, WYE PIPE FITTING WITH WATER TIGHT GASKETS AND JOINT LUBRICANT, OR EQUAL.

NEW ADS HDPE 12"Ø, N-12 MEGA GREEN WT IB PIPE WITH WATER TIGHT JOINTS WITH GASKETS AND JOINT LUBRICANT, OR EQUAL, (TYP.).

NOTE:
INSTALL PIPING WITH BELLS UP STREAM OF FLOW.

4 STORM DRAIN, WYE CONNECTIONS
SKETCH NO. 5

NEW ADS HDPE 12"φ, N-12 MEGA GREEN WT IB PIPE WITH WATER TIGHT JOINTS WITH GASKETS AND JOINT LUBRICANT, OR EQUAL, (TYP.).

HDPE 12"φ, BELL AND SPIGOT, N-12, 45° PIPE FITTING WITH WATER TIGHT GASKETS AND JOINT LUBRICANT, OR EQUAL, (TYP. 2).

5 STORM DRAIN, 45-DEGREE BENDS

NTS
SKETCH NO. 6

AFTER INSTALLATION OF PIPE, TACK EDGES OF EXISTING PAVING AND INSTALL NEW AC PAVING TO MATCH ELEVATION AND THICKNESS OF EXISTING.

EXCAVATED TRENCH WIDTH
1.5 X O.D. PIPE + 12"

CLASS II BASE, 2 LIFTS, COMPACTED TO 95% FROM SPRING LINE TO BOTTOM OF AC PAVING

CLASS II, BACKFILL COMPACTED TO 90% BETWEEN BOTTOM OF PIPE TO TOP OF HAUNCH ZONE.

4" MIN. CLASS II, SAND BEDDING COMPACTED TO 95% DENSITY, BELOW PIPE

12"Ø HDPE PIPE

SPRINGLINE

HAUNCH ZONE

6 STORM DRAIN, UTILITY TRENCH

NTS
SKETCH NO. 7

NEW ADS HDPE 12"Ø, N-12 MEGA GREEN WT IB PIPE WITH WATER TIGHT JOINTS WITH GASKETS AND JOINT LUBRICANT, OR EQUAL, (TYP.).

SEE HDPE TRENCH DETAIL FOR BEDDING, HAUNCHING, BACK FILL AND NEW AC PAVING REQUIREMENTS.

DOUBLE WIDE MAR-MAC COUPLER WRAPPED AROUND CONNECTION. USE MAR-MAC THAT IS ONE DIAMETER LARGER TO PROVIDE ADEQUATE OVERLAP.

EXISTING 12"Ø AC PIPE

FLOW

HDPE 12"Ø, WATER TIGHT INTERNAL COUPLER SPIGOT ADAPTER

POUR CONCRETE SLURRY AROUND PIPE JOINT AT MIN. 8" ABOVE AND 12" BELOW PIPE JOINT AND 12" PAST PIPE JOINT ON EACH SIDE.

7 STORM DRAIN, HDPE TO A.C. PIPE

NTS