

City of San Juan Bautista

Notice to Planholders

ADDENDUM NO. 1

July 31, 2008

OWNER: City of San Juan Bautista

PROJECT: San Juan Bautista Treated Water Reservoir

TO: All Planholders of Record

FROM: Chris Morrison, Project Manager

BID DATE: 14, August 2008, 2:30 PM

Notice is hereby given to prospective bidders that the Plans and Specifications for the San Juan Bautista Treated Water Reservoir Project, dated May 2008, have been modified as hereinafter set forth. This Addendum No. 1 shall form a part of the Contract Documents and takes precedence over the original Contract documents.

Bidder shall acknowledge receipt of this addendum in the space below and include this page with the Proposal. Failure to do so may subject bidder to disqualification.

The date of bid opening is not changed by this addendum. The location is not changed by this addendum.

By:  _____
Chris Morrison
Project Manager
MWH Americas Inc.



I acknowledge receipt of Addendum No. 1 consisting of 4 pages.

Signed _____

Contractor _____

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Addendum Item	Page or Drawing	Location and Description of Changes
1	02810	Section 1.1.A: REPLACE “shall design and provide an automatic irrigation system”, with “shall provide an automatic drip irrigation system”.
2	02810	<p data-bbox="683 327 1300 359">Section 1.3.B – DELETE AND REPLACE WITH</p> <p data-bbox="683 363 1468 426">B. Pressure Testing: Tests shall be performed in the presence of the ENGINEER.</p> <ol style="list-style-type: none"> <li data-bbox="781 464 1468 590">1. All instruments, equipment, facilities, and labor required to conduct the specified irrigation system tests shall be provided by CONTRACTOR. <li data-bbox="781 627 1468 1719">2. Hydrostatic Pressure Test: The CONTRACTOR shall notify the Engineer at least 48 hours prior to performing the tests. To be valid all tests shall be performed in the presence of the Engineer. Test requirements shall be as follows: <ol style="list-style-type: none"> <li data-bbox="837 863 1468 1052">a. All PVC main lines with valves installed and closed shall be flushed and pressure tested with all joints exposed to one hundred fifty (150) psi until watertight. Maximum psi loss in a thirty (30) minute test period shall be five (5) psi. <li data-bbox="837 1094 1468 1388">b. Similarly, all PVC lateral lines with risers installed and capped shall be flushed to remove all air from the lines and pressure tested with all joints exposed to service line pressure required for design for 15 minutes. Backfill trenches between pipe connections to prevent pipe from moving under pressure. Maximum psi loss allowed shall be five (5) psi. <li data-bbox="837 1430 1468 1514">c. All testing shall be approved prior to installation of electric control valves or sprinkler heads. <li data-bbox="837 1556 1468 1719">d. Water lines and valves which show evidence of leakage or fail to be watertight shall be repaired or replaced. After all repairs or replacements have been made, the above tests shall be performed again.

Addendum Item	Page or Drawing	Location and Description of Changes
3	02810	<p data-bbox="682 189 1250 262">Section 2.2 DELETE AND REPLACE WITH 2.5 PLASTIC PIPE AND FITTINGS</p> <ul style="list-style-type: none"> <li data-bbox="722 294 1469 451">B. Pipe shall be continuously and permanently marked with the manufacturer's name, nominal pipe size, PVC type, pressure rating, and extrusion date. Pipe shall be as recommended for the intended application. <li data-bbox="722 493 1469 556">C. Lateral lines shall be PVC SDR 21, Class 200, NSF approved. <li data-bbox="722 598 1469 850">D. Piping upstream from remote control valves and quick coupling lines shall be PVC SDR 21, Schedule 40, NSF approved, or galvanized steel pipe in accordance with Section 431053. Galvanized steel pipe shall have joints of standard size and length. Joints on PVC piping larger than 3-inches diameter shall be O-ring type flexible couplings and on size 3-inches and smaller shall be solvent welded. <li data-bbox="722 892 1469 955">E. Fittings shall be PVC Schedule 40, Type II, NSF, or Schedule 80 as indicated. <li data-bbox="722 997 1469 1060">F. Teflon thread tape sealant shall be Rectorseal No. 5 or equal., 3/4-inch wide. <li data-bbox="722 1102 1469 1144">G. Emitter lines shall be Rainbird 16mm distribution tubing, or equal.
4	02810	<p data-bbox="682 1186 1307 1218">Section 2.3.D.1 DELETE AND REPLACE WITH</p> <ul style="list-style-type: none"> <li data-bbox="779 1249 1469 1354">1. Control valves shall be Rainbird Low Volume Control Zone Kit Model XCZ-100-B-COM, or equal
5	02810	<p data-bbox="682 1386 1274 1417">Section 2.3.F DELETE AND REPLACE WITH</p> <ul style="list-style-type: none"> <li data-bbox="682 1449 1469 1715">F. Double Check Valve: Double check valve assembly shall be 1 -1/2-inches with gate valves and Y-type strainer just upstream. The CONTRACTOR shall provide a one-inch double-acting air relief valve. The CONTRACTOR shall provide all appropriate 1 -1/2 inch nipples and unions, testing cocks. A double check valve shall be installed in a meter vault, as indicated.

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6	02810	<p>Section 2.4 DELETE AND REPLACE WITH</p> <p>2.5 AUTOMATIC CONTROLLER</p> <p>B. Controllers shall be electrically-timed devices for automatically opening and closing remote control valves. Controllers and remote control valves shall be of the same manufacturer and have similar operational and adjustment features.</p> <p>C. Controller(s) shall be single-phase, 115 volt AC operated and shall be provided with an On-Off switch and fuse assembly. Controller(s) shall be equipped with a transformer to reduce voltage to 24 volt control valves.</p> <p>D. Controllers shall be adjustable so that each control valve in the circuit will remain open for an adjustable period of 5 or less minutes to 60 minutes. Readily made field adjustments shall include a provision whereby any number of days in a week can be skipped and whereby one or more positions on the controller may be skipped. When any or all of the above adjustments have been made, the controller shall continue to operate automatically until further adjustments are made. Provision shall be made for conveniently resetting the start of the irrigation cycle at any time and also for advancing from one position to any other position at will.</p> <p>E. Automatic controller shall be Rainbird Model ESP-LX-8 Plus, or equal. interior mount.</p>
7	02810	<p>2.5 Drip Emitters and Dripline</p> <p>A. Drip emitters shall be Rainbird Xeri-bug, or equal.</p> <p>B. Drip line shall be Rainbird LD-06-24-500 advanced drip line.</p>
8	02810	<p>Section 3.1.D: REPLACE “design pressure [50] [60] psi”, with “design pressure 30 psi”.</p>

Addendum Item	Page or Drawing	Location and Description of Changes
9	02810	Section 3.5: DELETE paragraphs G, H and I
10	02900	Section 2.6: DELETE table in 2.6.B and INSERT C. Seed mix shall be a mixture of 35% Sheep Fescue and 65% California Coastal Wildflower Mix as supplied by Environmental Seed Producers, P.O. Box 2709, Lompoc CA 93438-2709, USA., Or approved equal. D. Apply seed at a rate of 22 lb/acre.
11	02900	Section 2.7: DELETE
12	02900	Section 2.8: REVISE Numbering to 2.7
13	02900	Section 2.9: REVISE Numbering to 2.8 and DELETE paragraphs B, C, D, E and F
14	02900	Section 3.13.A: REPLACE "16 lb" with "22 lb" and "Native seed mix" with "wildflower seed mix".
15	02900	Section 3.13.B: REPLACE "Native seed mix" with "wildflower seed mix".
16	02900	Section 3.14: DELETE section and REPLACE with A. Wood chip mulch shall be placed in all planting areas, spread carefully and evenly to a minimum depth of 4-inches over planted areas.
17	C-1	ADD to Bioswale Drain Callouts The Contractor shall construct a swale a minimum of 12 inches deep and 36 inches wide. The Contractor shall install 4 inch depth of 2 inch quarry spalls at the bottom of the swale. The swale shall then be planted with mix shown on sheet L-03.
18	C-2	Detail 1 of C-2 indicates over-excavation beneath tank base. This is to conform with Detail 1 of S-1.
19	C-2	Detail 4 refers to C-107. There is no sidewalk or curb and gutter required however the redwood header and stakes shall be installed as shown.
20	S-2	Max Operating Water Surface shall be El. 421.00

- END OF ADDENDUM -