

NEVADA IRRIGATION DISTRICT

**Cement Hill Water Supply Project
Contract No. 09-02**

Addendum No. 1

May 14, 2009

This Addendum No. 1 shall be considered a part of the Contract Documents, except as noted otherwise, and shall be signed and attached and submitted with the Bid Proposal. This Addendum consists of five (5) pages plus the additional attachments indicated in the following addendum items.

Item No.	Section and Page	Description
1.1	Specifications page 3 of 8	<p>The following text is added to the top of page 3 of 8 in the <i>Notice Inviting Sealed Bids</i>:</p> <p>“Nevada Irrigation District seeks to encourage, as and where feasible, the use of businesses, contractors, suppliers, and laborers established and/or residing within the boundaries of the counties served by NID -- Placer and Nevada Counties. To encourage submittal of bids consistent with this intent, Nevada Irrigation District will require that the three apparent low bidders, within thirty (30) days of bid opening, provide a certification of the efforts they made to solicit and secure subcontractors, suppliers and laborers within the Nevada Irrigation District area to provide services and materials to the Project.”</p> <p>The Contractor is asked to fill out the <i>Local Business Procurement Form</i> attached as page BF-21 as indicated in the Addendum No. 1, Item 1.2.</p>
1.2	Specifications adding page BF-21	The <i>Local Business Procurement Form</i> is added as page BF-21 of the <i>Bid Forms</i> . The <i>Local Business Procurement Form</i> is attached at the end of this Addendum.
1.3	Specifications pages BF-2 to BF-5	The project bid schedule has been revised and is added as an attachment to Addendum No. 1 titled <i>Revised Bid Schedule</i> . The <i>Alternative Bid Items</i> bid schedule on page BF-6 remains the same.
1.4	Revised Bid Schedule Bid Item #12	Bid Item #12 is for the construction of the storage tank foundation and pad. Foundation design is provided in Drawing C302, Detail B.
1.5	Revised Bid Schedule Bid Items #60 and 61	Note: Unassigned indicates that meters are not yet assigned to a specific parcel.
1.6	Revised Bid Schedule Bid Items #70 and 71	The unit designation for this bid item was changed to LF. This bid item shall include the cost per linear foot for restoration of the trench subgrade and crushed rock surface.
1.7	Revised Bid Schedule Bid Item #72	Tree removal shall occur within public right-of-way and acquired easement locations as necessary. Tree removal is defined as trees 6-inches in diameter and larger. These areas are anticipated to include

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		<p>the following:</p> <ul style="list-style-type: none"> - The area at the Harmony Ridge Tank Site - The easement along the reservoir alignment STA 4000+00 to STA 4010+62 - Cross-country alignment, approximately, STA 86+00 to STA 96+50
1.8	Drawing M102	Tank diameter is 88-ft
1.9	Drawing C100	Add note: The proposed property line indicated on Drawing C100 is subject to change pending property acquisition.
1.10	Drawing PP 232	Call out for 8-in restrained ductile iron pipe shall be changed to 250 LF.
1.11	Specifications Sections 32, 33, 35, 36, 37, 38, 39, 40, 41, 42 and 45	All brass materials in this project shall conform to the California Senate Bill AB 1953 regarding lead free products effective January 1, 2010.
1.12	Specifications page 45-3	Fire hydrant model Mueller A-423 shall be used for high pressure applications between 150 psi and 250 psi.
1.13	Drawing PP258 and C200	Drawings indicate the use of 16-inch CMP. 18-inch CMP shall be used instead.
1.14	Drawing PP214	The length of the 4-inch line between the Red Hill Canal and the pressure reducing valve (PRV) is approximately 350-feet. Please note that PRV pad shall not surround the existing junction pole (JP) shown.
1.15	Drawing PP214	The end of the 4-inch pipeline will include a dissipater structure.
1.16	Drawing PP256	Drawing indicates 6-inch dissipater pipe. Dissipater pipe shall be 4-inch.
1.17	Specifications Page 27-1	<p>Revise the first sentence to read:</p> <p>This section describes the requirements for furnishing and installing welded steel treated water storage tank, tank accessories, coating, and disinfecting per AWWA C652-02.</p>
1.18	Specifications Page 27-1	Section 27-1.03 <i>Required Work Sequence</i> , revise Item 1 to:

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		1. Construction drawings (submitted within 45 days of the Notice to Proceed) must be approved by the District Engineer prior to starting work on the foundation.
1.19	Specifications Page 27-2	Section 27-3.02 <i>Design</i> , third paragraph, second sentence revise to read: Alternative rules and design stresses specified in ANSI/AWWA D100-05, Section 14, may be used.
1.20	Specifications Page 27-2	Fourth paragraph, line item 1 revise to read: See Geotechnical Report attached in Appendix G of the Specifications.
1.21	Specifications Page 27-6	Section 27-3.04B <i>Paint System Approval</i> , revise the first sentence to read: All materials and cure times, including paint, thinners, accelerators, retarders, and other indirect paint additives (coatings, gaskets, valves, etc.) shall meet the specifications of NSF 61.
1.22	Specifications Page 27-8	Section 27-3.05 <i>Curing and Disinfecting</i> , revise the first sentence to read: The interior coating shall be allowed to cure adequately, in accordance with the coating manufacturer's recommendation and NSF 61 requirements.
1.23	Specifications Page 27-8	Section 27-3.05 <i>Curing and Disinfecting</i> , second paragraph, first sentence revise to read: Once properly cured, the inside of the tank shall be disinfected by spraying all surfaces with a solution of chlorine mixed with treated water at a strength of not more than 80ppm, and in accordance with AWWA Standard C652-02.
1.24	Specifications Page 32-1	Section 32-1.04 <i>Design</i> , revise first sentence to read: Air Release Valve Assemblies shall be designed to withstand the working pressures shown on the plans or to a design working pressure of 250 psi, whichever is greater, and comply with AWWA Standard C512-04 (Section 64576, T22, CCR).
1.25	Specifications page 39-17	Section 39-3.09-C <i>Sand Cement Slurry Backfill</i> , first sentence revised

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		<p>to read:</p> <p>All water main and service line crossings under paved roadways (excluding paved residential driveways) shall be backfilled from 6" above the pipe to the underside of the replacement paving with sand-cement slurry, as shown on the plan set, or required by provisions of an encroachment permit or other agreement.</p>
1.26	Specifications page 17010-1	<p>Paragraphs B and D last sentence revised to say:</p> <p>The system integrator shall be Tesco, Meyer Controls, Saber or approved equal.</p>
1.27	Specifications Appendix F, page 12 of <i>Mitigation Monitoring Program</i>	<p>Second paragraph, first sentence shall read:</p> <p>Because project construction will cover an area greater than 1 acre, a SWPPP will be prepared by the Contractor, as required by the State Water Resources Control Board (SWRCB) under the statewide <i>NPDES General Permit for Discharges of Storm Water Associated with Construction Activity</i> (National Pollutant Discharge Elimination System Permit No. CAS000002).</p>

Dated

Signed

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REVISED BID SCHEDULE

	Description	Quantity	Unit	Unit Price	Extended Amount
1	Mobilization, Demobilization, and Bonds	1	LS	\$100,000	\$100,000
2	Environmental Compliance	1	LS		
3	Rock Removal Including Haul Away	125	CY		
4	Shoring	1	LS		
5	Traffic Control	1	LS		
6	Clearing and Grubbing	1	LS		
7	Seeding and Mulching	1	LS		
8	Construction Schedule Bulletin Board Including Weekly Updates	1	LS		
9	Project Signs	1	LS		
10	Edge Line Striping	1	LS		
	Harmony Ridge Tank Site	Quantity	Unit	Unit Price	Extended Amount
11	1.0 Million Gallon Tank (Specialty Item per Section 6)	1	LS		
12	Foundation & Pad ¹	1	LS		
13	Storage Tank Site Work	1	LS		
14	Tank Site Paving	14,900	SF		
15	Fencing and Gates	1	LS		
16	Entrance Paving	2,900	SF		
17	Maintenance Road to Harmony Ridge Tank Site	1	LS		
18	--- NOT USED ---	--	--	--	--
19	Electrical/Instrumentation Harmony Ridge	1	LS		
20	Painting (Specialty Item per Section 6)	1	LS		
21	Cure and Disinfect Tank	1	LS		

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	Description	Quantity	Unit	Unit Price	Extended Amount
22	Test and Disinfect Site Piping	1	LS		
23	12" DIP CL 350 Restrained (Mech)	475	LF		
24	8" DIP CL 350 Restrained (Mech)	436	LF		
25	8" PVC C900 CL 200	160	LF		
26	Storage Tank Welded Steel Pipe Connections	1	LS		
27	12" Valves	5	EA		
28	8" Valves	1	EA		
	Pump Station at Snow Mountain WTP	Quantity	Unit	Unit Price	Extended Amount
29	Pump Station (Mechanical)	1	LS		
30	Pump Station Electrical/Instrumentation	1	LS		
31	Emergency Generator & Foundation	1	LS		
32	1,000 Gallon Propane Tank & Foundation	1	LS		
33	PLC Programming (Specialty Item per Section 6)	1	LS		
34	Building Modification	1	LS		
35	Tie-in to Existing Piping	1	LS		
36	8" DIP CL 350 Restrained (Mech)	319	LF		
	Distribution System	Quantity	Unit	Unit Price	Extended Amount
37	Pipeline Testing & Disinfection	1	LS		
38	12" DIP CL 350 Restrained (Mech)	1,687	LF		
39	12" DIP CL 350	8,091	LF		
40	12" PVC C900 CL 200	3,500	LF		
41	10" DIP C350	1,394	LF		
42	10" PVC C900 CL 200	1,650	LF		

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	Description	Quantity	Unit	Unit Price	Extended Amount
43	10" PVC C900 CL 150	5,475	LF		
44	8" DIP CL 350 Restrained (Mech)	1,970	LF		
45	8" DIP CL 350	13,087	LF		
46	8" PVC C900 CL 200	14,108	LF		
47	8" PVC C900 CL 150	3,705	LF		
48	4" DIP CL 350	736	LF		
49	4" PVC C900 CL 200	2,007	LF		
50	4" PVC C900 CL 150	1,580	LF		
51	2" Blow-Off Valve	29	EA		
52	4" Blow-Off Valve	3	EA		
53	6" Fire Hydrant	55	EA		
54	1" ARV	29	EA		
55	Pressure Reducing Station (PRVs) and Dissipater Structure	2	LS		
56	Single Meters	46	EA		
57	Single Meters w/ Crossing	52	EA		
58	Double Meters	3	EA		
59	Double Meters w/ Crossing	6	EA		
60	Double Meters (unassigned) ²	25	EA		
61	Double Meters w/ Crossing (unassigned) ²	25	EA		
62	4" In-line Valve	2	EA		
63	8" In-line Valve	46	EA		
64	10" In-line Valve	12	EA		
65	12" In-line Valve	15	EA		

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	Description	Quantity	Unit	Unit Price	Extended Amount
66	4" Pipeline Trench Restoration	8,646	SF		
67	8" Pipeline Trench Restoration	93,450	SF		
68	10" Pipeline Trench Restoration	25,557	SF		
69	12" Pipeline Trench Restoration	36,648	SF		
70	Crushed Rock for 4" Pipeline Trench ³	200	LF		
71	Crushed Rock for 12" Pipeline Trench ³	2,300	LF		
72	Trees to be Removed ⁴	100	EA		
TOTAL					

Total Price in Words: _____

Bidder's Firm

Bidder's Signature

Notes:

1. Bid Item #12 is for the construction of the storage tank foundation and pad. Foundation design is provided in Drawing C302, Detail B.
2. Unassigned indicates that meters are not yet assigned to a specific parcel.
3. The unit designation for this bid item was changed to LF. This bid item shall include the cost per linear foot for restoration of the trench subgrade and crushed rock surface.
4. Tree removal shall occur within public right-of-way and acquired easement locations as necessary. Tree removal is defined as trees 6-inches in diameter and larger. These areas are anticipated to include the following:
 - The area at the Harmony Ridge Tank Site
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