SWEETWATER SPRINGS WATER DISTRICT

TO: Board of Directors **AGENDA NO. V-A.**

FROM: Steve Mack, General Manager

Meeting Date : **March 4, 2010**

Subject: AWARD OF CIP PHASE IV-B, PROJECT 1 CONSTRUCTION CONTRACT

RECOMMENDED ACTION: Approve Resolution 10-07 which conditionally awards the CIP Phase IV-B, Project 1 construction contract to W.R. Forde Associates for a not to exceed amount of $928,332.00 and authorizes the General Manager to approve change orders for a total amount not to exceed $92,833.00 with no single change order exceeding $25,000.

FISCAL IMPACT: $928,332, plus up to $92,833 in possible change orders, approximately 75% to be funded from Sonoma County Community Redevelopment Agency (RDA) grant funding which was approved in December 2009 by the RDA and 25% from the Sweetwater Springs Water District Private Placement Loan.

DISCUSSION:

Replacement of aging water main infrastructure is an important activity of the Sweetwater Springs Water District. Toward that end the District has developed a multiyear capital improvement program that has prioritized the capital infrastructure that needs to be replaced or improved. The District is currently working on Phase IV-B, Project 1 (Project 1) as described in Table 1 below:

Table 1. CIP IV-B, Project 1

Year	Projects	Estimated Cost
2010	**CIP IV-B, Project 1**	
	Schoolhouse Tank and Upper Schoolhouse Tank (MR) – Construct a storage tank with a capacity of approximately 65,000 gallons at the top of Bonita Terrace, install a booster station, and connect with replacement reservoir at Upper Schoolhouse site.	$638,000
	Bonita Terrace (MR) - Replace 1,500 ft of existing main and appurtenances on Bonita Terrace, including ties to Schoolhouse Tank and Delta Way (CIP IV-A), to create a loop.	$238,000

	Riverlands Road (GV) - Replace 1,600 lf of existing main and appurtenances in Riverlands Road, including two ties at Drake Road to create a loop.	$393,000
	Handy Andy Booster Feed Line (GV) – Replace 300 lf of existing main between Hwy 116 and the booster pump at Old Monte Rio Road.	$59,000
	2010 - CIP IV-B, Project 1 Total	**$1,328,000**
	75% RDA/RRROC Funding Amount	**$899,250**

This construction project was advertised on January 28, 2010, and 6 bids were received and opened on February 24, 2010 in accordance with bid instructions. The bidders and bid amounts are shown in Table 2 below. Brelje & Race Consulting Civil Engineers (B&R), the firm providing design and construction management services for this project, has reviewed the bids and determined that W.R. Forde Associates is the apparent low bidder for the amount of $928,332.00. B&R has determined that W.R. Forde Associates has the proper license to perform Project 1 and appears to otherwise be qualified to complete Project 1. The bid of W.R. Forde Associates complies with the bid instructions and appears to be responsive.

The work authorized under this contract is scheduled to start within 10 days of notice to proceed and, according to the contract, will be completed within 210 days of the notice to proceed.

The contract amount is $928,332.00 which is $60,343.00 under the engineer's estimate of probable cost of $988,675.00. The staff recommendation includes authorization for the General Manager to approve up to $92,833.00 in total change order authority for work not anticipated by the contract with no single change order exceeding $25,000. This contract will be funded approximately 75% by a grant from the RDA and 25% from the Private Placement Loan Fund. The work is part of the District's Capital Improvement Program and will provide important and necessary improvements to the District's distribution system.

Staff recommends approval of Resolution 10-07 which conditionally awards the CIP Phase IV-B, Project 1 construction contract to W.R. Forde Associates for a not to exceed amount of $928,332.00, based on the Board's determination that W.R. Forde Associates is a responsible bidder and the bid submitted by W.R. Forde Associates is responsive, and authorizes the General Manager to approve change orders for an amount not to exceed $92,833.00, with no single change order exceeding $25,000. The conditions of the bid award include W.R. Forde Associates' timely delivering a duly executed Project contract and submitting all required documents, including properly executed bonds, certificates of insurance and endorsements, pursuant to the Project bid documents.

Table 2

Sweetwater Springs Water District
CIP Phase IV-B
Project 1 - Distribution System and Storage Improvements
Bid Tabulation
Feburary 24, 2010

				W.R. Forde		Piazza Construction		Maggiora and Ghilotti		Argonaut Constructors		Pfister Excavating		North Bay Construction	
Item No.	**Item**	**Estimated Quantity**	**Unit**	**Unit Cost**	**Total**	**Unit Cost**	**Total**	**Unit Cost**	**Total**	**Unit Cost**	**Total**	**Unit Cost**	**Total**	**Unit Cost**	**Total**
1	6-Inch Water Main (Type A Trench)	1622	LF	$46.00	$74,612.00	$51.75	$83,938.50	$64.00	$103,808.00	$55.00	$89,210.00	$82.00	$133,004.00	$119.00	$193,018.00
2	6-Inch Water Main (Type B Trench)	188	LF	$60.00	$11,280.00	$72.75	$13,677.00	$95.00	$17,860.00	$80.00	$15,040.00	$82.00	$15,416.00	$72.00	$13,536.00
3	4-Inch Water Main (Type A Trench)	1040	LF	$45.00	$46,800.00	$52.00	$54,080.00	$75.00	$78,000.00	$60.00	$62,400.00	$77.00	$80,080.00	$65.00	$67,600.00
4	4-Inch Water Main (Type A Trench with Patch Paving)	120	LF	$50.00	$6,000.00	$60.90	$7,308.00	$58.00	$6,960.00	$60.00	$7,200.00	$150.00	$18,000.00	$90.00	$10,800.00
5	4-Inch Water Main (Type B Trench)	333	LF	$44.00	$14,652.00	$49.35	$16,433.55	$58.00	$19,314.00	$50.00	$16,650.00	$66.00	$21,978.00	$57.00	$18,981.00
6	2-Inch Water Main (Type A Trench)	201	LF	$38.00	$7,638.00	$45.25	$9,095.25	$55.00	$11,055.00	$25.00	$5,025.00	$50.00	$10,050.00	$50.00	$10,050.00
7	6-Inch Water Main and 2-Inch Electric Conduit (Type B Trench)	295	LF	$70.00	$20,650.00	$71.00	$20,945.00	$65.00	$19,175.00	$80.00	$23,600.00	$88.00	$25,960.00	$78.00	$23,010.00
8	6-Inch Water Main, 4-Inch Water Main and 2-Inch Electric Conduit (Type B Trench)	92	LF	$100.00	$9,200.00	$125.50	$11,546.00	$87.00	$8,004.00	$110.00	$10,120.00	$115.00	$10,580.00	$140.00	$12,880.00
9	4-Inch Water Main and 2-1-Inch Electric Conduits (Type B Trench)	243	LF	$50.00	$12,150.00	$78.25	$19,014.75	$88.00	$21,384.00	$75.00	$18,225.00	$84.00	$20,412.00	$93.00	$22,599.00
10	6-Inch Water Main Directional Drilled Installation	114	LF	$75.00	$8,550.00	$53.60	$6,110.40	$95.00	$10,830.00	$215.00	$24,510.00	$100.00	$11,400.00	$128.00	$14,592.00
11	6-Inch Water Main On Bridge TR-Flex	1	LS	$22,000.00	$22,000.00	$25,597.00	$25,597.00	$3,703.00	$3,703.00	$22,000.00	$22,000.00	$27,000.00	$27,000.00	$18,900.00	$18,900.00
12	6-Inch Gate Valve	8	EA	$1,100.00	$8,800.00	$1,315.00	$10,520.00	$1,600.00	$12,800.00	$1,300.00	$10,400.00	$1,087.00	$8,696.00	$1,550.00	$12,400.00
13	4-Inch Gate Valve	4	EA	$1,300.00	$5,200.00	$1,964.00	$7,856.00	$1,000.00	$4,000.00	$1,020.00	$4,080.00	$1,059.00	$4,236.00	$950.00	$3,800.00
14	2-Inch Gate Valve	3	EA	$600.00	$1,800.00	$844.00	$2,532.00	$1,000.00	$3,000.00	$710.00	$2,130.00	$591.00	$1,773.00	$725.00	$2,175.00
15	3/4-Inch Water Service (std.)	51	EA	$850.00	$43,350.00	$1,412.00	$72,012.00	$2,200.00	$112,200.00	$1,625.00	$82,875.00	$1,600.00	$81,600.00	$1,700.00	$86,700.00
16	2-Inch and Smaller Water Main Tie-In	3	EA	$1,400.00	$4,200.00	$2,742.00	$8,226.00	$1,200.00	$3,600.00	$1,400.00	$4,200.00	$2,500.00	$7,500.00	$1,900.00	$5,700.00
17	Water Main Tie-In	7	EA	$4,500.00	$31,500.00	$2,291.00	$16,037.00	$3,000.00	$21,000.00	$2,600.00	$18,200.00	$3,000.00	$21,000.00	$3,400.00	$23,800.00
18	Fire Hydrant	4	EA	$4,200.00	$16,800.00	$4,357.00	$17,428.00	$6,800.00	$27,200.00	$5,500.00	$22,000.00	$6,000.00	$24,000.00	$4,300.00	$17,200.00
19	Wharf Hydrant	1	EA	$2,200.00	$2,200.00	$2,033.00	$2,033.00	$2,300.00	$2,300.00	$2,100.00	$2,100.00	$3,000.00	$3,000.00	$1,750.00	$1,750.00
20	Bollard	9	EA	$300.00	$2,700.00	$357.00	$3,213.00	$435.00	$3,915.00	$300.00	$2,700.00	$300.00	$2,700.00	$400.00	$3,600.00
21	Booster Pump Station	1	LS	$20,000.00	$20,000.00	$27,559.00	$27,559.00	$15,000.00	$15,000.00	$20,000.00	$20,000.00	$26,500.00	$26,500.00	$20,250.00	$20,250.00
22	Electrical Facilities	1	LS	$50,000.00	$50,000.00	$49,080.00	$49,080.00	$44,500.00	$44,500.00	$70,000.00	$70,000.00	$90,000.00	$90,000.00	$50,900.00	$50,900.00
23	Modifications to Existing Booster Pump Station	1	LS	$5,000.00	$5,000.00	$6,731.00	$6,731.00	$5,470.00	$5,470.00	$13,500.00	$13,500.00	$8,620.00	$8,620.00	$13,000.00	$13,000.00
24	Tank Pad Excavation	1	LS	$50,000.00	$50,000.00	$31,941.00	$31,941.00	$3,800.00	$3,800.00	$32,200.00	$32,200.00	$15,000.00	$15,000.00	$72,500.00	$72,500.00
25	Tank Site Retaining Wall	1	LS	$63,000.00	$63,000.00	$57,480.00	$57,480.00	$67,150.00	$67,150.00	$50,000.00	$50,000.00	$69,000.00	$69,000.00	$71,700.00	$71,700.00
26	Sub Excavation	20	CY	$100.00	$2,000.00	$10.00	$200.00	$25.00	$500.00	$75.00	$1,500.00	$100.00	$2,000.00	$80.00	$1,600.00
27	Bolted Steel Tank Foundation Concrete	40	CY	$400.00	$16,000.00	$556.00	$22,240.00	$600.00	$24,000.00	$370.00	$14,800.00	$550.00	$22,000.00	$330.00	$13,200.00
28	Bolted Steel Tank Foundation Reinforcement	3200	LBS	$1.00	$3,200.00	$1.05	$3,360.00	$1.00	$3,200.00	$2.00	$6,400.00	$4.00	$12,800.00	$1.00	$3,200.00
29	Bolted Steel Tank	1	LS	$50,000.00	$50,000.00	$78,138.00	$78,138.00	$62,500.00	$62,500.00	$57,250.00	$57,250.00	$70,000.00	$70,000.00	$65,000.00	$65,000.00
30	Tank Site Piping	1	LS	$65,000.00	$65,000.00	$53,559.00	$53,559.00	$48,330.00	$48,330.00	$60,000.00	$60,000.00	$30,000.00	$30,000.00	$42,000.00	$42,000.00
31	Tank Site Surfacing	1	LS	$5,000.00	$5,000.00	$7,519.00	$7,519.00	$2,600.00	$2,600.00	$10,000.00	$10,000.00	$4,000.00	$4,000.00	$3,500.00	$3,500.00
32	Tank Site fencing	1	LS	$7,000.00	$7,000.00	$7,385.00	$7,385.00	$6,700.00	$6,700.00	$6,700.00	$6,700.00	$8,000.00	$8,000.00	$6,700.00	$6,700.00
33	Concrete Tank	1	LS	$70,000.00	$70,000.00	$62,969.00	$62,969.00	$43,200.00	$43,200.00	$70,000.00	$70,000.00	$54,000.00	$54,000.00	$65,000.00	$65,000.00
34	Sheeting and Shoring	1	LS	$2,500.00	$2,500.00	$1.00	$1.00	$1.00	$1.00	$100.00	$100.00	$10,000.00	$10,000.00	$2,500.00	$2,500.00
35	Abandon Existing Booster Pump Station	1	EA	$1,000.00	$1,000.00	$1,000.00	$1,000.00	$2,500.00	$2,500.00	$3,500.00	$3,500.00	$3,000.00	$3,000.00	$2,900.00	$2,900.00
36	Abandon Gate Valve	3	EA	$150.00	$450.00	$100.00	$300.00	$250.00	$750.00	$160.00	$480.00	$300.00	$900.00	$325.00	$975.00
37	Abandon Wharf Hydrant	2	EA	$300.00	$600.00	$100.00	$200.00	$500.00	$1,000.00	$300.00	$600.00	$500.00	$1,000.00	$250.00	$500.00
38	Trench Through Stump Greater Than 18 Inches in Diameter	5	EA	$200.00	$1,000.00	$1.00	$5.00	$500.00	$2,500.00	$500.00	$2,500.00	$2,000.00	$10,000.00	$1,200.00	$6,000.00
39	County Road Restoration	45000	SF	$3.00	$135,000.00	$2.05	$92,250.00	$2.35	$105,750.00	$1.90	$85,500.00	$1.60	$72,000.00	$1.75	$78,750.00
40	Harrison Tank Site Modification	1	LS	$6,000.00	$6,000.00	$6,925.00	$6,925.00	$7,300.00	$7,300.00	$5,500.00	$5,500.00	$7,000.00	$7,000.00	$5,300.00	$5,300.00
41	Driveway Surfacing	12000	EA	$2.00	$24,000.00	$2.25	$27,000.00	$1.80	$21,600.00	$1.15	$13,800.00	$2.00	$24,000.00	$1.40	$16,800.00
42	1" Water Service (Std)	1	EA	$1,500.00	$1,500.00	$1,772.00	$1,772.00	$1,500.00	$1,500.00	$1,700.00	$1,700.00	$2,200.00	$2,200.00	$2,400.00	$2,400.00
		TOTAL BID (ITEMS 1-42)			$928,332.00		$945,216.45		$959,959.00		$968,695.00		$1,070,405.00		$1,107,766.00

Resolution No. 10-07

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE SWEETWATER SPRINGS WATER DISTRICT APPROVING THE CONSTRUCTION PROJECT BUDGET AND AUTHORIZING THE AWARD OF CONTRACT FOR THE CIP PHASE IV-B, PROJECT 1, AND AUTHORIZING THE GENERAL MANAGER TOTAL CHANGE ORDER APPROVAL OF $92,833 AND SINGLE CHANGE ORDER APPROVAL UP TO $25,000

WHEREAS, District staff, including the District Engineer, prepared construction bid documents and advertised for construction of the CIP Phase IV-B, Project 1 ("Project"); and

WHEREAS, District staff solicited bids for the Project on January 28, 2010; and

WHEREAS, on February 24, 2010, six bids were received and opened in accordance with the bid instructions; and

WHEREAS, the lowest bid for the Project was from W.R. Forde Associates in the amount of $928,332 and

WHEREAS, staff has determined that W.R. Forde Associates' bid satisfies the bidding requirements for the Project; and

WHEREAS, staff has verified that W.R. Forde Associates possesses the required licenses and is otherwise qualified to perform the Project; and

WHEREAS, the Project is exempt from environmental review, pursuant to the California Environmental Quality Act ("CEQA") and Title 14, the California Code of Regulations ("CEQA Guidelines"), section 15301(b) and 15302(c); and

WHEREAS, the project involves the replacement or reconstruction of existing facilities and will result in negligible or no expansion of capacity; and

WHEREAS, the project has been approved by the Russian River Redevelopment Oversight Committee (RRROC), and the Sonoma County Community Redevelopment Agency (CRA) for approximately 75% grant funding, with the remaining amount funded by the District. The District has adequate funds to fund its portion of the project funding amount; and

WHEREAS, notwithstanding the above-referenced bid amount, it is anticipated that the Project will have a certain amount of unanticipated construction issues during construction necessitating change orders; and

WHEREAS, it is of importance to the contractor and District alike that construction not be unduly delayed; and

WHEREAS, the General Manager is familiar with the project and will be monitoring construction

NOW, THEREFORE BE IT RESOLVED, that the District Board of Directors hereby:

1. Approves the Project construction contract in the amount of $928,332.00; and

2. Waives any and all non-conformance in the bid of W.R. Forde Associates for the Project; and

3. Finds the bid in the amount of $928,332.00 to be the lowest responsive bid and further finds that W.R. Forde Associates is a responsible bidder; and

4. Awards the contract for the CIP Phase IV-B, Project 1 to W.R. Forde Associates in the amount of $928,332.00, the amount of the lowest responsive bid, conditioned on W.R. Forde Associates timely executing the Project contract and submitting all required documents, including but not limited to, executed bonds, certificates of insurance, and endorsements, in accordance with the Project bid documents; and

5. Directs staff to issue a Notice of Award to W.R. Forde Associates; and

6. Authorizes and directs the General Manager to execute the Project contract on behalf of the District upon timely submission by W.R. Forde Associates of the signed Project contract and all other required contract documents, in accordance with the contract bid instructions.

7. Authorizes the General Manager to approve change orders on the Project without Board approval up to $25,000 per change order, with total change order approval not to exceed $92,833.

I hereby certify that the foregoing is a full, true, and correct copy of a Resolution duly and regularly adopted and passed by the Board of Directors of the SWEETWATER SPRINGS WATER DISTRICT, Sonoma County, California, at a meeting held on March 4, 2010, by the following vote.

Director	**Aye**	**No**
Sukey Robb-Wilder	_____	_____
Jim Quigley	_____	_____
Wanda Smith	_____	_____
Gaylord Schaap	_____	_____
Victoria Wikle	_____	_____

_____
Jim Quigley
President of the Board of Directors

_____
Attest: Julie A. Kenny
Clerk of the Board of Directors