SWEETWATER SPRINGS WATER DISTRICT

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

FROM: Steve Mack, General Manager

Meeting Date : **May 6, 2010**

Subject: AWARD OF CIP PHASE IV-B, PROJECT 2 CONSTRUCTION CONTRACT

RECOMMENDED ACTION: Approve Resolution 10-09 which conditionally awards the CIP Phase IV-B, Project 1 construction contract to KAT Construction for a not to exceed amount of $938,640.00 and authorizes the General Manager to approve change orders for a total amount not to exceed $93,864.00 with no single change order exceeding $25,000.

FISCAL IMPACT: $938,640, plus up to $93,864 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 2 (Project 2) as described in Table 1 below:

Table 1. FY11 Capital Projects - CIP IV-B, Project 2	
Alder Road, Pebble Way, & Heller Streets (MR) – On River Blvd, Alder Rd., Willow Rd., and Railroad Ave., replace existing mains and appurtenances with approximately 6,000 lf of 6-inch water main, to complete loop.	$1,515,000
2011 - CIP IV-B, Project 2 Total Cost Estimate	**$1,515,000**
RDA/RRROC Grant Funding Amount	**$1,095,000**
Private Placement Loan Funding Amount	**$420,000**

This construction project was advertised on April 15, 2010, and 10 bids were received and opened on April 29, 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 KAT Construction is the apparent low bidder for the amount of $938,640.00. B&R has determined that KAT Construction has the proper licenses to perform Project 2 and appears to otherwise be qualified to complete Project 2. The bid of KAT Construction 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 150 days of the notice to proceed.

The contract amount is $938,640.00 which is $425,305.00 under the engineer's estimate of probable cost of $1,363,945.00. As shown in Table 2, two other bidders were within $10,000 of the KAT construction bid, reflecting the excellent current bidding climate. The staff recommendation includes authorization for the General Manager to approve up to $93,864.00 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 10-09 which conditionally awards the CIP Phase IV-B, Project 2 construction contract to KAT Construction for a not to exceed amount of $938,640.00, based on the Board's determination that KAT Construction is a responsible bidder and the bid submitted by KAT Construction is responsive, and authorizes the General Manager to approve change orders for an amount not to exceed $93,864.00, with no single change order exceeding $25,000. The conditions of the bid award include KAT Construction's 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 2- Distribution System Improvements
Bid Tabulation
Bid Date: April 29, 2010

				KAT Construction		Argonaut Constructors		W. R. Forde		North Bay Construction		Western Engineering	
Item No.	Item	Estimated Quantity	Unit	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
1	6-Inch Water Main (Type A Trench)	4,410	LF	$45	$198,450	$49	$213,885	$48	$211,680	$61	$268,128	$51.10	$225,351
2	6-Inch Water Main (Type B Trench)	1,507	LF	$45	$67,815	$37	$55,759	$60	$90,420	$28	$42,196	$42	$63,294
3	6-Inch Water Main Directional Drilled Installation	700	LF	$65	$45,500	$80	$56,000	$75	$52,500	$53	$37,100	$62	$43,400
4	Sleeve 4-Inch Water Main Through Existing 6-Inch	1	LS	$9,560	$9,560	$6,500	$6,500	$1,050	$1,050	$3,400	$3,400	$1,600	$1,600
5	4-Inch Water Main (Type C Trench)	30	LF	$45	$1,350	$50	$1,500	$30	$900	$44	$1,320	$45	$1,350
6	2-Inch Water Main (Type A Trench)	453	LF	$40	$18,120	$25	$11,325	$38	$17,214	$31	$14,043	$36	$16,308
7	6-Inch DIP Water Main on Bridge TR-Flex	1	LS	$22,000	$22,000	$18,250	$18,250	$15,000	$15,000	$21,500	$21,500	$14,100	$14,100
8	6-Inch Gate Valve	29	EA	$1,320	$38,280	$1,050	$30,450	$1,000	$29,000	$1,085	$31,465	$1,015	$29,435
9	4-Inch Gate Valve	1	EA	$1,000	$1,000	$1,000	$1,000	$750	$750	$935	$935	$1,035	$1,035
10	2-Inch Gate Valve	1	EA	$1,000	$1,000	$650	$650	$600	$600	$600	$600	$565	$565
11	3/4-Inch Water Service (std.)	103	EA	$1,550	$159,650	$1,250	$128,750	$1,100	$113,300	$1,280	$131,840	$1,200	$123,600
12	3/4-Inch Water Service Installed on Existing Main	36	EA	$1,150	$41,400	$1,450	$52,200	$1,300	$46,800	$1,440	$51,840	$1,500	$54,000
13	1-Inch Water Service	3	EA	$1,350	$4,050	$1,725	$5,175	$1,400	$4,200	$2,145	$6,435	$2,700	$8,100
14	2-Inch and Smaller Water Main Tie-In	1	EA	$750	$750	$2,000	$2,000	$1,300	$1,300	$2,160	$2,160	$640	$640
15	Water Main Tie-In	10	EA	$2,150	$21,500	$2,700	$27,000	$2,500	$25,000	$3,000	$30,000	$2,600	$26,000
16	Sleeve 1-Inch CTS Through Existing 6-Inch	1	LS	$5,000	$5,000	$1,550	$1,550	$1,000	$1,000	$3,450	$3,450	$1,580	$1,580
17	Fire Hydrant	9	EA	$4,150	$37,350	$4,500	$40,500	$4,200	$37,800	$3,600	$32,400	$4,100	$36,900
18	Replace Fire Hydrant on Existing Main	3	EA	$4,550	$13,650	$6,200	$18,600	$4,200	$12,600	$6,400	$19,200	$4,300	$12,900
19	Wharf Hydrant	1	EA	$1,850	$1,850	$2,100	$2,100	$2,000	$2,000	$1,600	$1,600	$1,760	$1,760
20	Bollard	26	EA	$100	$2,600	$236	$6,136	$197	$5,122	$250	$6,500	$270	$7,020
21	Air Release Valve	2	EA	$1,750	$3,500	$1,950	$3,900	$1,700	$3,400	$2,180	$4,360	$2,560	$5,120
22	Water Main Lowering Greater Than 18-Inches	3	EA	$1,450	$4,350	$4,000	$12,000	$2,200	$6,600	$3,800	$11,400	$3,400	$10,200
23	Sheeting and Shoring	1	LS	$250	$250	$300	$300	$1	$1	$500	$500	$1	$1
24	Abandon Gate Valve	11	EA	$250	$2,750	$150	$1,650	$100	$1,100	$290	$3,190	$350	$3,850
25	Abandon Fire Hydrant	2	EA	$250	$500	$450	$900	$100	$200	$265	$530	$1,000	$2,000
26	Abandon Wharf Hydrant	8	EA	$250	$2,000	$60	$480	$100	$800	$265	$2,120	$900	$7,200
27	Abandon Bridge Piping	1	EA	$5,500	$5,500	$800	$800	$1,000	$1,000	$1,200	$1,200	$1,900	$1,900
28	Abandon Blow-off	1	EA	$250	$250	$165	$165	$100	$100	$265	$265	$975	$975
29	County Road Surface Restoration	190,000	SF	$1.15	$218,500	$1.25	$237,500	$1.35	$256,500	$1.23	$233,700	$1.40	$266,000
30	Trench Through Stump Greater Than 18 Inches in Diameter	5	EA	$350	$1,750	$500	$2,500	$100	$500	$1,200	$6,000	$1,000	$5,000
31	8-Inch Water Main (Type A Trench)	99	EA	$85	$8,415	$50	$4,950	$100	$9,900	$71	$7,029	$67	$6,633
			L BID (ITEMS		$938,640.00		$944,475.00		$948,337.00		$976,406.00		$977,817.00

Sweetwater Springs Water District
CIP Phase IV-B Project 2- Distribution System Improvements
Bid Tabulation
Bid Date: April 29, 2010

				Piazza Construction		Ghilotti Construction		Team Ghilotti		Pfister Excavating		Maggiora & Ghilotti	
Item No.	Item	Estimated Quantity	Unit	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
1	6-Inch Water Main (Type A Trench)	4,410	LF	$51.25	$226,012.50	$55.00	$242,550	$65.00	$286,650	$78.00	$343,980	$56.00	$246,960
2	6-Inch Water Main (Type B Trench)	1,507	LF	$47.10	$70,979.70	$50.00	$75,350	$48.50	$73,090	$53.00	$79,871	$50.00	$75,350
3	6-Inch Water Main Directional Drilled Installation	700	LF	$45.75	$32,025.00	$50.00	$35,000	$55.00	$38,500	$73.00	$51,100	$50.00	$35,000
4	Sleeve 4-Inch Water Main Through Existing 6-Inch	1	LS	$5,440.50	$5,440.50	$1,500.00	$1,500	$6,850.00	$6,850	$8,000.00	$8,000	$2,000.00	$2,000
5	4-Inch Water Main (Type C Trench)	30	LF	$93.55	$2,806.50	$50.00	$1,500	$60.00	$1,800	$50.00	$1,500	$100.00	$3,000
6	2-Inch Water Main (Type A Trench)	453	LF	$41.90	$18,980.70	$50.00	$22,650	$41.00	$18,573	$53.00	$24,009	$45.00	$20,385
7	6-Inch DIP Water Main on Bridge TR-Flex	1	LS	$19,654.00	$19,654.00	$25,000	$25,000	$16,750	$16,750	$18,000	$18,000	$19,813	$19,813
8	6-Inch Gate Valve	29	EA	$1,181.00	$34,249.00	$800	$23,200	$1,500	$43,500	$990	$28,710	$900	$26,100
9	4-Inch Gate Valve	1	EA	$913.00	$913.00	$800	$800	$800	$800	$700	$700	$750	$750
10	2-Inch Gate Valve	1	EA	$747.00	$747.00	$800	$800	$775	$775	$600	$600	$600	$600
11	3/4-Inch Water Service (std.)	103	EA	$1,230.00	$126,690.00	$1,800	$185,400	$1,595	$164,285	$1,550	$159,650	$2,400	$247,200
12	3/4-Inch Water Service Installed on Existing Main	36	EA	$1,363.00	$49,068.00	$1,800	$64,800	$1,715	$61,740	$1,500	$54,000	$2,500	$90,000
13	1-Inch Water Service	3	EA	$1,442.00	$4,326.00	$1,800	$5,400	$1,780	$5,340	$1,700	$5,100	$3,300	$9,900
14	2-Inch and Smaller Water Main Tie-In	1	EA	$1,291.00	$1,291.00	$3,500	$3,500	$3,200	$3,200	$1,700	$1,700	$1,100	$1,100
15	Water Main Tie-In	10	EA	$3,231.00	$32,310.00	$3,500	$35,000	$4,000	$40,000	$3,200	$32,000	$2,000	$20,000
16	Sleeve 1-Inch CTS Through Existing 6-Inch	1	LS	$1,585.00	$1,585.00	$1,400	$1,400	$1,500	$1,500	$2,000	$2,000	$1,500	$1,500
17	Fire Hydrant	9	EA	$5,226.00	$47,034.00	$4,500	$40,500	$5,550	$49,950	$5,400	$48,600	$6,400	$57,600
18	Replace Fire Hydrant on Existing Main	3	EA	$5,952.00	$17,856.00	$4,500	$13,500	$6,700	$20,100	$5,800	$17,400	$7,500	$22,500
19	Wharf Hydrant	1	EA	$2,790.00	$2,790.00	$2,400	$2,400	$2,600	$2,600	$2,200	$2,200	$2,500	$2,500
20	Bollard	26	EA	$205.00	$5,330.00	$236	$6,136	$240	$6,240	$185	$4,810	$450	$11,700
21	Air Release Valve	2	EA	$3,531.00	$7,062.00	$2,000	$4,000	$2,900	$5,800	$2,500	$5,000	$2,100	$4,200
22	Water Main Lowering Greater Than 18-Inches	3	EA	$1,500.00	$4,500.00	$500	$1,500	$4,300	$12,900	$3,600	$10,800	$4,000	$12,000
23	Sheeting and Shoring	1	LS	$1.00	$1.00	$400	$400	$500	$500	$8,000	$8,000	$1	$1
24	Abandon Gate Valve	11	EA	$125.00	$1,375.00	$200	$2,200	$375	$4,125	$400	$4,400	$150	$1,650
25	Abandon Fire Hydrant	2	EA	$100.00	$200.00	$200	$400	$450	$900	$1,200	$2,400	$700	$1,400
26	Abandon Wharf Hydrant	8	EA	$100.00	$800.00	$200	$1,600	$450	$3,600	$800	$6,400	$400	$3,200
27	Abandon Bridge Piping	1	EA	$100.00	$100.00	$200	$200	$3,500	$3,500	$6,000	$6,000	$1,010	$1,010
28	Abandon Blow-off	1	EA	$100.00	$100.00	$200	$200	$800	$800	$3,000	$3,000	$700	$700
29	County Road Surface Restoration	190,000	SF	$1.60	$304,000.00	$1.25	$237,500	$1.58	$300,200	$1.68	$319,200	$1.90	$361,000
30	Trench Through Stump Greater Than 18 Inches in Diameter	5	EA	$1.00	$5.00	$100	$500	$1,500	$7,500	$2,500	$12,500	$450	$2,250
31	8-Inch Water Main (Type A Trench)	99	EA	$54.00	$5,346.00	$70	$6,930	$83	$8,168	$95	$9,405	$80	$7,920
			L BID (ITEMS		$1,023,576.90		$1,041,816.00		$1,190,235.00		$1,271,035.00		$1,289,289.00

Math Error on Bid Item No. 12

Resolution No. 10-09

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 2 TO KAT CONSTRUCTION IN THE SUM OF $938,640, AND AUTHORIZING THE GENERAL MANAGER TOTAL CHANGE ORDER APPROVAL OF $93,864 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 2 ("Project"); and

WHEREAS, District staff solicited bids for the Project on April 15, 2010; and

WHEREAS, on April 29, 2010, 10 bids were received and opened in accordance with the bid instructions; and

WHEREAS, the lowest bid for the Project was from KAT Construction Associates in the amount of $938,640 and

WHEREAS, staff has determined that the KAT Construction bid satisfies the bidding requirements for the Project; and

WHEREAS, staff has verified that KAT Construction 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 $938,640.00; and

2. Waives any and all non-conformance in the bid of KAT Construction for the Project; and

3. Finds the bid in the amount of $938,640.00 to be the lowest responsive bid and further finds that KAT Construction is a responsible bidder; and

4. Awards the contract for the CIP Phase IV-B, Project 2 to KAT Construction in the amount of $938,640.00, the amount of the lowest responsive bid, conditioned on KAT Construction 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 KAT Construction; and

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

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 $93,864.

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 May 6, 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