SWEETWATER SPRINGS WATER DISTRICT

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

FROM: Steve Mack, General Manager

Meeting Date: July 1, 2010

SUBJECT: DISCUSSION/ACTION REGARDING RIO VISTA TERRACE ADDITION TO CIP IV-B, PROJECT 2, INCLUDING AUTHORIZATION FOR PROFESSIONAL ENGINEERING SERVICES

RECOMMENDED ACTION: 1. Receive an update on the addition of the Rio Vista Project to CIP IV-B, Project 2;

2. Approve Resolution 10-15 which authorizes the General Manager to execute an agreement with Brelje and Race to provide design and construction management professional services for the Rio Vista Terrace Project should it be added to the CIP IV-B, Project 2 Sonoma County Redevelopment Agency (RDA)/Russian River Redevelopment Oversight Committee (RRROC) grant.

FISCAL IMPACT: no significant additional costs expected.

DISCUSSION:

Staff is moving forward with working with Sonoma County CDC staff to amend the CDC grant agreement to add the Rio Vista Terrace project to CIP IV-B, Project 2. RRROC supported the project at their June 17, 2010 meeting and it is scheduled for consideration by the CDC at their July 13, 2010 meeting. Should the amendment be approved, the District will need design and construction management services for this project. Brelje and Race Consulting Engineers who designed CIP IV-B and who is providing construction management services on these projects, has submitted an acceptable proposal at a total cost of $69,000 to provide these services for this project (attachment 1). These services would be funded by the CDC grant, should the Rio Vista amendment be approved.

Staff recommend approval of Resolution 10-15 so that design of the Rio Vista Terrace project can proceed immediately upon CDC approval and construction management services will be available when a contract has been award and construction begins sometime this fall.

RESOLUTION 10-15

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE SWEETWATER SPRINGS WATER DISTRICT APPROVING AN AGREEMENT FOR ENGINEERING SERVICES FOR CIP IV-B, PROJECT 2, RIO VISTA AMENDMENT, AND AUTHORIZING THE GENERAL MANAGER TO SIGN

WHEREAS, the consulting engineering firm of Brelje and Race is under contract to the District for design services for CIP IV-B; and

WHEREAS, CIP IV-B is 75% funded from a Sonoma County Redevelopment Agency (RDA)/Russian River Oversight Committee (RRROC) grant approved by the Sonoma County Community Development Council (CDC) in December 2009; and

WHEREAS, the construction contract for CIP IV-B, Project 2, main replacement on Alder Road, Pebble Way, & Heller Streets in Monte Rio was awarded at a cost which has made approximately $350,000 of the RDA/RRROC grant available for additional work; and

WHEREAS, Sweetwater Springs Water District staff has identified the Rio Vista Terrace Project as a needed project that could be constructed within the available grant funding, if a project amendment is approved; and

WHEREAS, Sweetwater Springs Water District has requested a grant amendment from the CDC to include the Rio Vista element in this grant; and

WHEREAS, the CDC is expected to consider this amendment at their July 13, 2010 meeting; and

WHEREAS, Brelje and Race has submitted a proposal with a projected cost of $69,000.to do the design and construction management services, and the work effort and staff rate schedule are consistent with the existing CIP IV-B contract, and:

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NOW, THEREFORE, BE IT RESOLVED, that:

1. The General Manager is authorized to execute an agreement for design and construction management services for the Rio Vista Terrace project with Brelje and Race Consulting Engineers in the amount of $69,000 on behalf of the District upon approval of the RDA/RRROC CIP-IV-B grant amendment by the CDC.

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 July 1, 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

Brelje & Race
CONSULTING CIVIL ENGINEERS

June 2, 2010

Steve Mack
Sweetwater Springs Water District
P.O. Box 48
Guerneville, CA 95446

Subject: CIP Phase IV-B, Project 3
B&R File No. 3154.05

Dear Steve:

We understand that the Redevelopment Agency may allow the District to utilize grant funds left over from Projects 1 and 2 on a construction project to be defined by the District. Kevin Gilman forwarded the attached project sketch to us last week and followed up with a phone call that resulted in one modification (a third fire hydrant). The project would generally involve replacement of approximately 1,300 lineal feet of water main and appurtenances in the Monte Rio terraces. Kevin requested that we prepare a project estimate for the work so that it could be compared to the anticipated unexpended grant funds.

A summary of the anticipated project costs for the main replacement project follows.

CIP Phase IV-B, Project 3
Project Cost Estimate

Design Phase Services		$25,600
Construction Phase Services		$43,400
Construction		$226,500
Contingency Allowance		$22,500
	Total	$318,000

The estimate assumes that the mainline piping material will be HDPE. Due to Brelje & Race's recent work with the District and familiarity with the project requirements we anticipate that only a single review of the bid documents by staff will be needed. Our construction management services estimate assumes a 60 calendar day contract during which construction will be ongoing for approximately 6 weeks. Breakdowns of the design and construction management services are attached and we have included a line item for compaction testing given the County's recent decision to make that item a requirement of the project owner.

5570 Skylane Blvd. • Santa Rosa, CA 95403 • v: 707-576-1322 • f: 707-576-0469
www.brce.com

Should the design effort be authorized in the next 7 to 10 days it will be possible to complete the design and bid phases on a schedule that would allow bids to be available at the regular August Board meeting (presumes that the County would cooperate in providing encroachment permit conditions in a timely manner). If that were to occur, construction could be accomplished in September and October. If for any number of reasons the bid date slipped to late August, the work would still likely be complete by late November. Please contact me should there be any questions.

Very truly yours,

BRELJE & RACE

John S. Locey

enclosures

P.O. Box 48, Guerneville, California 95446
Tel: (707) 869-4000
FAX: (707) 869-4005
E-mail: sws@ monitor.net

Sweetwater Springs Water District

Memo:

To:	Jack Locey	**From:**	Kevin Gilman/Field Manager
Fax	576-0469	**Pages**	1 including cover
		Date:	5/27/10
Re:	**Estimate for water main replacement**		

☐ **Urgent** x **For Review** **Please Comment** ☐ **HARD COPY TO FOLLOW**

TOTAL 1,285' OF MAIN 24 SERVICES 2 HYDRANTS

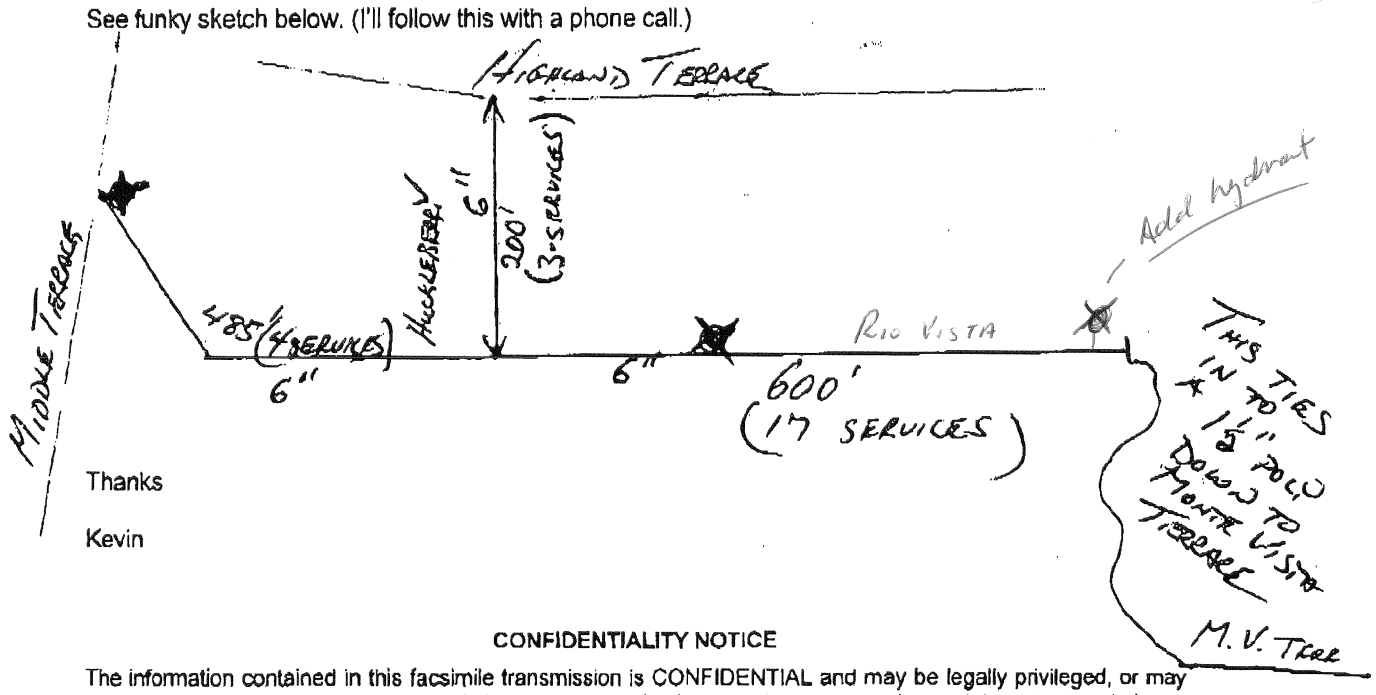
Comments: Hi Jack, Here is some information for the Rio Vista area we would like to replace pipe and upgrade existing pipe size.

Middle Terrace to Huckleberry is 485ft with 4 services.

Huckleberry from Highland Terrace to Rio Vista is 200ft with 3 services.

Rio Vista Terrace from base of Huckleberry to the end is approximately 600ft with 17 services.

See funky sketch below. (I'll follow this with a phone call.)



Thanks

Kevin

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KEITH - FOR ADDITIONAL INFO

Sweetwater Springs Water District
Distribution System Pipe Replacement Projects
Rio Vista Terrace (MR)
Preliminary Estimate of Probable Cost
June 2010

Item No.	Item	Estimated Quantity	Unit	Unit Cost	Total
1	6" Water Main	1300	LF	$75	$97,500
2	6" Valve	5	EA	$1,500	$7,500
3	Fire Hydrant	3	EA	$6,500	$19,500
4	Connection to Existing Main	3	EA	$5,000	$15,000
5	Service	24	EA	$2,000	$48,000
6	Pavement Restoration	1300	LF	$30	$39,000
				Sub Total	$226,500
				Contingency (10%)	$22,750
				Total	**$249,000**

SWEETWATER SPRINGS WATER DISTRICT
CIP IMPROVEMENT PROGRAM
PHASE IV-B, PROJECT 3

DESIGN PHASE SERVICES WORK HOUR ESTIMATE

	TASK	ESTIMATED WORK HOURS						
		PRIN	PR. MGR.	TECH	SUR. SUPR.	S. TECH	SURVEY	CLERICAL
Preliminary Tasks								
1	Project Initiation	2	3					
2	Preliminary Site Recognizance		4		1			
3	Design Surveys & Base Mapping		2	12	1	2	16	
	Subtotal	2	9	12	2	2	16	0
Approval Documents 95% Submittal								
4	Improvement Plans							
	1-2 Cover Sheet, Index of Drawings, Location Map	8	6	12				
	3-4 Rio Vista Terrace		16	24				
	5-7 Water System Details		6	12				
	Specifications	4	32					16
	Submittal to CDPH		4					
	County Encroachment Permit		4					
	Attend Bid Document Review Meeting		4					
	Subtotal	12	72	48	0	0	0	16
Bid Documents 100% Submittal								
5	Improvement Plans							
	1-2 Cover Sheet, Index of Drawings, Location Map	2	1	2				
	3-4 Rio Vista Terrace		2	4				
	5-7 Water System Details		1	2				
	Specifications	2	4					4
	Resubmittal to CDPH		2					
	Resubmittal to County Road Department		2					
	Est. of Probable Const. Costs	2	4					
	Subtotal	6	16	8	0	0	0	4
DESIGN PHASE SERVICES GRAND TOTALS		**20**	**97**	**68**	**2**	**2**	**16**	**20**

CONSTRUCTION PHASE SERVICES WORK HOUR ESTIMATE

	TASK	ESTIMATED WORK HOURS						
		PRIN	PR. MGR.	INSP	SUR. SUPR.	S. TECH	SURVEY	CLERICAL
1	Assistance During Bidding	4	16					16
2	Shop Drawing Submittals		16	16				
3	Request For Information (RFI)	2	8					
4	Schedule Review		4					
5	Construction Observation		8	240				
6	Construction Progress Meetings		4					
7	Changes and Claims Management	4	10					
8	Preconstruction Meeting		3	2				
9	Testing Coordination			8				
10	Compaction Testing							
11	Project Closeout Services	2	4	8				
12	Miscellaneous Work and Claims Defense							
CONSTRUCTION PHASE SERVICES GRAND TOTALS		**12**	**73**	**274**	**0**	**0**	**0**	**16**

Sweetwater Springs Water District
Distribution System Pipe Replacement Projects
Rio Vista Terrace (MR)
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June 2010

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4	Connection to Existing Main	3	EA	$5,000	$15,000
5	Service	24	EA	$2,000	$48,000
6	Pavement Restoration	1300	LF	$30	$39,000
				Sub Total	$226,500
				Contingency (5%)	$11,250
				Total	**$238,000**