EXHIBIT B

HDR Cost Proposal for SCCRTC RFP 2603
Cost Estimate By Title, Task And Cost

		Prime HDR Engineering, Inc.																							Subconsultants						
HDR's Work Plan for SCCRTC RFP No. 2603 MBSST Coastal Rail Trail Southern Segments Project		Project Manager	Principal In Charge	Supervising Communications Specialist	Trail Lead	Quality Manager	CPUC/Grade Crossings Lead	Communications Specialist	Staff Project Manager	Supervising Engineer	Staff Engineer	Project Controller	Project Coordinator	Staff Technical Editor	Sr. Landscape Architect	Landscape Architect	Transportation Planner	Sr. CADD Designer	CADD Designer	Estimator	Risk Manager	Grants/Financial Consultant	Total Hours	Total HDR Cost	AR/WS-RW Appraisals and Acqisitions	Chaudhary - Surveys	Parikh Consultants-Geotechnical	CF-Environmental	Toole- Trail Design	DIRECT EXPENSES	TOTAL FEE PER TASK
Task 0	Project Management and Coordination																														
0.1	Project Administration and Coordination	148	0	24	0	0	0	0	0	0	0	80	380	0	0	0	0	0	0	0	0	0	632	$ 119,009	0	0	0	0	0	$ -	$ 119,009
0.2	CPMProject Schedule	44	0	0	0	0	0	0	0	56	0	0	0	0	0	0	0	0	0	0	0	0	100	$ 36,638	0	0	0	0	0	$ -	$ 36,638
0.3	Agency and Subconsultant Coordination	128	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	8	8	144	$ 43,828	0	0	0	0	0	$ -	$ 43,828
0.4	Kickoff and RTC Stakeholder Meetings	142	32	0	0	0	16	60	24	67	0	0	0	0		0	40	0	0	0	0		381	$ 117,704	0	0	0	$ 13,439	$ 14,628	$ 4,826.50	$ 150,597
0.5	Technical Meetings and Outreach Meetings	156	32	60	48	0	24	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	400	$ 115,661	0	0	0	$ 20,757	$ 15,522	$ 4,826.50	$ 156,767
0.6	Invoices and Progress Reports	82	0	0	0	0	0	0	0	80	0	360	24	0	0	0	0	0	0	0	0	0	546	$ 115,091	0	0	0	0		$ 1,200.00	$ 116,291
0.7	Project Management Plan	32	0	6	0	12	0	0	0	0	0	0	80	16	0	0	0	0	0	0	0	0	146	$ 29,062	0	0	0	0	0	$ -	$ 29,062
0.8	Quality Management Plan	16	0	6		100	0	0	0	0		0	0	16	0	0	0	0	0	0	0	0	138	$ 37,350	0	0	0	0	0	$ 100.00	$ 37,450
0.9	Develop Risk Management Plan	16	0	0	0	12	0	0	0	0	0	0	0	16	0	0	0	0	0	0	68	0	112	$ 31,051	0	0	0	0	0	$ 100.00	$ 31,151
																														$ 100.00	$ 100
SUBTOTAL TASK 0		764	64	96	48	124	40	140	24	203	0	440	484	48	0	0	40	0	0	0	76	8	2599	$ 645,395	$ 0	$ 0	$ 0	$ 34,196	$ 30,150	$ 11,153	$ 720,894
Task A	Project Scoping																														
A1	Develop Conceptual Alignments	12	0	0	24	0	16	0	0	220	340	0	0	0	60	40	0	210	420	180	0	0	1522	$ 362,269	0	0	0	$ -	$ 28,785	$ 25,000	$ 416,054
A2	Conduct Environmental Screening	8	0	0	0	0	0	0	0	24	80	0	0	0	0	0	0	0	0	0	0	0	112	$ 26,628	0	0	0	$ 17,877	$ 4,250	$ 25,000	$ 73,754
A3	Evaluate Opportunities and Constraints	8	0	0	8	0	16	0	0	12	60	0	0	0	0	12	24	20	28	0	8	0	196	$ 46,430	0	0	0	$ -	$ 18,592	$ -	$ 65,022
A4	Agency and Stakeholder Public Input	28	16	76	40	0	12	100	0	48	0	0	0	0	0	0	48	18	60	0	0	0	446	$ 112,543	0	0	0	$ 15,161	$ 19,015	$ 22,662	$ 169,381
SUBTOTAL TASK A		56	16	76	72	0	44	100	0	304	480	0	0	0	60	52	72	248	508	180	8	0	2,276	$ 547,869	$ 0	$ 0	$ 0	$ 33,038	$ 70,642	$ 72,662	$ 724,211
Task B	Premininary Engineering																														
B1	15% Plans, Studies and Estimate																														
B1.A	15% Plans	28	0	0	22	0	24	0	0	64	318	0	0	0	24	24	0	204	156	220	0	0	1084	$ 248,963	$ -	$ -	$ -	$ -	$ 66,251	$ -	$ 315,214
B1.B	Geotechnical Investigations	2	0	0	0	0	0	0	0	0	748	0	0	0	0	0	0	0	0	0	0	0	750	$ 133,667	$ -	$ -	$ 377,007	$ -	$ -	$ -	$ 510,674
B1.C	Stormwater Data Report	2	0	0	0	0	0	0	24	80	160	0	0	24	0	0	0	0	0	0	0	0	290	$ 76,862	$ -	$ -	$ -	$ -	$ -	$ -	$ 76,862
B1.D	Initial Site Assessment	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	$ 609	$ -	$ -	$ -	$ -	$ -	$ -	$ 609
B1.E	Drainage Impact Report	2	0	0	0	0	0	0	68	80	330	0	0	46	0	0	0	50	0	0	0	0	576	$ 145,081	$ -	$ -	$ -	$ -	$ -	$ -	$ 145,081
B1.F	Traffic Management Plan	2	0	0	0	0	0	0	0	16	100	0	0	0	0	0	80	0	24	0	0	0	222	$ 43,538	$ -	$ -	$ -	$ -	$ -	$ -	$ 43,538
B1.G	15% Construction Cost Estimate	4	0	0	0	0	0	0	0	48	50	0	0	0	0	0	0	20	80	40	0	0	242	$ 57,904	$ 7,612	$ -	$ -	$ -	$ 11,435	$ -	$ 76,951
B2	30% Design Plans and Estimate																														
B2.A	30% Plans	32	0	0	42	0	32	0	0	80	580	0	0	0	50	50	0	98	210	220	0	0	1394	$ 302,242	$ -	$ -	$ -	$ -	$ 85,738	$ -	$ 387,980
B2.B	30% Construction Cost Estimate	6	0	0	0	0	0	0	0	48	50	0	0	0	0	0	0	4	80	40	0	0	228	$ 53,769	$ 5,262	$ -	$ -	$ -	$ 14,848	$ -	$ 73,879
B3	Utilities																														
B3.A	Develop Utility Base Map	2	0	0	0	0	0	0	0	80	120	0	0	0	0	0	0	24	80	0	0	0	306	$ 76,506	$ -	$ -	$ -	$ -	$ -	$ -	$ 76,506
B4	Surveys																														
B4.A	Establish Survey Control for LiDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$ 0	$ -	$ 78,238	$ -	$ -	$ -	$ -	$ 78,238
B5	LiDAR Aerial Mapping																														
B5.A	Develop LiDAR Aerial Base mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$ 0	$ -	$ 287,240	$ -	$ -	$ -	$ -	$ 287,240
B6	Right of Way																														
B6.A	Prepare Right of Way Base Files	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	80	0	0	0	120	$ 26,090	$ 8,563	$ 160,760	$ -	$ -	$ -	$ -	$ 195,413
B7	Community Engagement																														
B7.A	Public Outreach and Community Engagement Meetings	24	24	80	60	0	24	120	0	80	0	0	0	0	0	0	0	0	0	0	0	0	412	$ 119,907	$ -	$ -	$ -	$ -	$ -	$ 27,662	$ 147,569
SUBTOTAL TASK B		106	24	80	124	0	80	120	92	576	2,456	0	0	70	74	74	80	440	710	520	0	0	5,626	$ 1,285,138	$ 21,437	$ 526,238	$ 377,007	$ 0	$ 178,272	$ 27,662	$ 2,415,754
Task C	Initial Right of Way Support Services																														
C1	Prepare ROW and Easement Needs Exhibit	2	0	0	0	0	0	0	0	6	16	0	0	0	0	0	0	8	24	56	0	0	112	$ 23,378	$ 7,560	$ -	$ -	$ -	$ -	$ -	$ 30,938
SUBTOTAL TASK C		2	0	0	0	0	0	0	0	6	16	0	0	0	0	0	0	8	24	56	0	0	112	$ 23,378	$ 7,560	$ 0	$ 0	$ 0	$ 0	$ 0	$ 30,938
Task D	Draft and Final CEQA Document and Technical Studies																														
D.1	Environmental Kickoff Meeting	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	$ 2,723	$ -	$ -	$ -	$ 2,118	$ -	$ -	$ 4,841
D.2	Data Collection	0	0	0	0	0	0	0	0	8	40	0	0	0	0	0	0	0	0	0	0	0	48	$ 10,436	$ -	$ -	$ -	$ 6,560	$ -	$ -	$ 16,996
D.3	Project Description	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$ 0	$ -	$ -	$ -	$ 9,397	$ -	$ -	$ 9,397
D.4	Notice of Preparation and Scoping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$ 0	$ -	$ -	$ -	$ 6,148	$ -	$ -	$ 6,148
D.5	Technical Reports	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$ 0	$ -	$ -	$ -	$ 50,588	$ -	$ -	$ 50,588
D.6	Administrative Draft EIR																														
D.6.A	Administrative Draft EIR	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	$ 1,827	$ -	$ -	$ -	$ 353,057	$ -	$ -	$ 354,884
D.6.B	Draft EIR	6	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	$ 1,827	$ -	$ -	$ -	$ 48,110	$ -	$ -	$ 49,936
D.6.C	Response to Comments and Administrative Draft Final EIR	8	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	$ 2,916	$ -	$ -	$ -	$ 60,058	$ -	$ -	$ 62,974
D.6.D	Final EIR	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	$ 1,522	$ -	$ -	$ -	$ 25,763	$ -	$ -	$ 27,285
D.7	Esiting Conditions Research	0	0	0	0	0	0	0	3	16	40	0	0	0	0	0	0	0	0	0	0	0	59	$ 15,091	$ -	$ -	$ -	$ 7,607	$ -	$ -	$ 22,698
SUBTOTAL TASK D		30	0	7	0	0	0	0	3	24	80	0	0	0	0	0	0	0	0	0	0	0	144	$ 36,341	$ 0	$ 0	$ 0	$ 569,407	$ 0	$ 0	$ 605,747
TOTAL BASE HOURS		194	40	163	196	0	124	220	95	910	3032	0	0	70	134	126	152	696	1242	756	8	0	8158								
TOTAL BASE COST																								$ 2,538,121	$ 28,997	$ 526,238	$ 377,007	$ 636,640	$ 279,064	$ 111,477	$ 4,497,545
Task E	Grant Support (OPTIONAL)																														
E.1	Prepare Grant Applications	8	2		0	0	0	16	0	16	0	0	0	80	0	0	0	24	0	16	0	200	362	$ 97,645	$ -	$ -	$ -	$ -	$ -	$ -	$ 97,645
SUBTOTAL TASK E (OPTIONAL)		8	2	0	0	0	0	16	0	16	0	0	0	80	0	0	0	24	0	16	0	200	362	$ 97,645	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 97,645
Task F	NEPA Review and Environmental Clearance (OPTIONAL)																														
F.1	Technical Reports	12	3	16	16	0	0	0	40	196	480	0	16	90	0	0	24	0	0	0	0	0	893	$ 221,141	0	0	0	$ 362,111	$ -	$ -	$ 583,253
F.2	Environmental Assessment																														
F2.A	Administrative Draft EA	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	$ 1,218	0	0	0	$ 82,158	$ -	$ -	$ 83,375
F2.B	Public Draft EA	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	$ 1,218	0	0	0	$ 32,004	$ -	$ -	$ 33,222
F2.C	Final EA	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	$ 1,218	0	0	0	$ 32,832	$ -	$ -	$ 34,049
SUBTOTAL TASK F (OPTIONAL)		24	3	16	16	0	0	0	40	196	480	0	16	90	0	0	24	0	0	0	0	0	905	$ 224,794	$ 0	$ 0	$ 0	$ 509,105	$ 0	$ 0	$ 733,899
Task G	Final Design (OPTIONAL)																														
G1.A	Final Plans, Specifications and Estimate (PS&E)	80	6	4	100	200	120	40	280	886	8248	360	360	80	220	360	160	360	1080	2400	8	0	15352	$ 3,146,856	0	0	0	$ -	$ 178,738	$ -	$ 3,325,594
G1.B	Structures Final Design	0	0	0	0	0	0	0	220	420	1020	0	0	0	0	0	0	390	200	560	0	0	2810	$ 712,726	0	0	0	$ -	$ -	$ -	$ 712,726
G2	CG/GC Support	0	0	0	0	0	0	0	168	160	300	0	0	0	0	0	0	80	100	0	0	0	808	$ 235,994	0	0	0	$ -	$ -	$ -	$ 235,994
G3	Bid Support for DBB	0	0	0	0	0	0	0	0	100	300	0	0	0	0	0	0	0	0	0	0	0	400	$ 94,872	0	0	0	$ -	$ -	$ -	$ 94,872
G4	Final Geotechnical Design																														
G4.A	65% Geotechnical Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$ 0	0	0	259521.97	$ -	$ -	$ -	$ 259,522
G4.B	95% Geotechnical Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$ 0	0	0	112130	$ -	$ -	$ -	$ 112,130
G4.C	Design Review Consultation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$ 0	0	0	28132	$ -	$ -	$ -	$ 28,132
G5	Final Ground Surveys																														
G5.A	Survey Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	16	0	0	0	20	$ 4,032	0	58754	0	$ -	$ -	$ -	$ 62,786
G5.B	Supplemental Ground Surveys	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	20	0	0	0	32	$ 7,115	0	440144	0	$ -	$ -	$ -	$ 447,259
G5.C	Survey Integration into Topo Base	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	16	24	0	0	0	40	$ 9,013	0	69446	0	$ -	$ -	$ -	$ 78,459
G6	Drainage Report	2	0	0	0	0	0	0	40	160	380	0	0	0	0	0	0		0	0	0	0	582	$ 152,404	0	0	0	$ -	$ -	$ -	$ 152,404
G7	Stormwater Data Report	2	0	0	0	0	0	0	24	80	120	0	0	0	0	0	0	0	0	0	0	0	226	$ 65,833	0	0	0	$ -	$ -	$ -	$ 65,833
G8	Bridge Design Hydraulic Report	2	0	0	0	0	0	0	40	220	580	0	0	0	0	0	0	0	0	0	0	0	842	$ 212,885	0	0	0	$ -	$ -	$ -	$ 212,885
SUBTOTAL TASK G (OPTIONAL)		86	6	4	100	200	120	40	772	2,026	10,948	360	360	80	220	360	160	862	1,440	2,960	8	0	21,112	$ 4,641,730	$ 0	$ 568,344	$ 399,784	$ 0	$ 178,738	$ 0	$ 5,788,597
Task H	Final Right of Way Services (OPTIONAL)																														
H.1	Prepare Plats and Legal Descriptions	4	0		0	0	0	0	0	14	0	0	0	0	0	0	0	24	40	0	0	0	82	$ 21,259	$ 399,791	$ 376,467	$ -	$ -	$ -	$ -	$ 797,517
SUBTOTAL TASK H (OPTIONAL)		4	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	24	40	0	0	0	82	$ 21,259	$ 399,791	$ 376,467	$ 0	$ 0	$ 0	$ 0	$ 797,517
Task I	Environmental Permitting (OPTIONAL)																														
I1	Environmental Permits	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	80	24	0		0	128	$ 37,949	$ -	$ -	$ -	$ 221,118	$ -	$ -	$ 259,067
SUBTOTAL TASK I (OPTIONAL)		0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	80	24	0	0	0	128	$ 37,949	$ 0	$ 0	$ 0	$ 221,118	$ 0	$ 0	$ 259,067
TOTAL OPTIONAL HOURS		122	11	20	116	200	120	56	812	2276	11428	360	376	250	220	360	184	990	1504	2976	8	200	22589								
TOTAL OPTIONAL COST																								$ 5,023,378	$ 399,791	$ 944,811	$ 399,784	$ 730,223	$ 178,738	$ 0	$ 7,676,725