

Description	Vendor	Value as of March 2015	Adjustment	Total	Adjustment Source
PMT (Tasks)	Parsons Brinckerhoff team	\$251,958,396	\$60,000,000	\$311,958,396	CARRD estimate
Network Integration (Task 15)	Parsons Brinckerhoff team	\$9,678,148	\$4,000,000	\$13,678,148	CARRD estimate
Legal assistance with permitting (Mark Ebbin)	Ebbin Moser & Scaggs LLP		\$750,000	\$750,000	Authority
Legal assistance with permitting	Perkins Coie LLP		\$500,000	\$500,000	Authority
Legal assistance with D-B contracts	Greenberg Traurig, LLP		\$3,000,000	\$3,000,000	Authority
Legal assistance with D-B contracts	Rutan & Tucker		\$3,000,000	\$3,000,000	Authority
Data for subsidence evaluation	US Geological Survey		\$498,310	\$498,310	Authority
Subsidence study	Amec Foster Wheeler		\$1,500,000	\$1,500,000	Authority
Permit assistance	US Army Corps		\$1,884,657	\$1,884,657	Authority
Two environmental staff positions	Governor's office		\$1,079,329	\$1,079,329	Authority
Permit assistance	US EPA		\$692,340	\$692,340	Authority
D-B program manager		\$261,636,544	\$76,904,636	\$338,541,180	
CP 1 Project Construction Management	Wong-Harris	\$34,900,000	\$10,000,000	\$44,900,000	CARRD estimate
CP 2-3 Project Construction Management	Arcadis U.S. Inc	\$71,844,690		\$71,844,690	
CP 4 Project Construction Management	HNTB	\$23,578,755	\$6,485,262	\$30,064,017	Authority
CP 5 Project Construction Management	TBD	\$19,990,671		\$19,990,671	
Independent quality control	Caltrans		\$3,180,000	\$3,180,000	Authority
Project Construction Management		\$150,314,116	\$19,665,262	\$169,979,378	
D-B Program & Construction Management		\$411,950,660	\$96,569,898	\$508,520,558	
Real Property - preliminary work		\$26,730,325		\$26,730,325	
Legal assistance for ROW acquisition (eminent domain)	Caltrans		\$6,649,115	\$6,649,115	Authority
Additional surveys and ROW consulting	Various (see next tab)		\$50,000,000	\$50,000,000	Authority
Expert witness for ROW valuation	Various		\$2,000,000	\$2,000,000	Authority
Acquisition and Relocation assistance	City of Fresno		\$4,577,855	\$4,577,855	Authority
CP1 ROW Services		\$288,560,451		\$288,560,451	
CP2-3 ROW Services		\$313,622,046		\$313,622,046	
CP4 ROW Services		\$170,257,798		\$170,257,798	
Real Property costs		\$799,170,620	\$63,226,970	\$862,397,590	
Environmental / ROW Mitigation		\$5,000,000	\$100,000,000	\$105,000,000	Authority
Real Property Acquisition		\$804,170,620	\$163,226,970	\$967,397,590	
SR-99 (Relocate 2 miles of SR-99, HSR civil construction, p Caltrans/ Granite Construction		\$225,900,000		\$225,900,000	
D-B CP1 bid price	Tutor Perini team	\$969,988,000		\$969,988,000	
D-B CP1 Haz Material Prov.	Tutor Perini team				
D-B CP1 Allowances (utility, "construction", hazardous)	Tutor Perini team	\$53,000,000		\$53,000,000	
D-B CP1 approved change orders (from contingency)	Tutor Perini team	\$8,132,061	\$3,990,351	\$12,122,412	Authority
CP1 Remaining Contingency (originally \$160 million)		\$151,867,939	-\$3,990,351	\$147,877,588	Authority

Additional contingency (barriers, delays, utilities, Golden State)			\$100,000,000	\$100,000,000	CARRD Estimate
Third Parties CP1	PG&E, AT&T, UPRR	\$110,402,343	-\$110,402,343	\$0	Authority
Relocation of facilities	UPRR		\$41,000,000	\$41,000,000	Authority
Relocation of facilities	BNSF		\$41,000,000	\$41,000,000	CARRD Estimate
Assistance with evaluation of facilities	San Joaquin Valley Railroad Co		\$5,000,000	\$5,000,000	Authority
Relocation of facilities	San Joaquin Valley Railroad Co		\$10,000,000	\$10,000,000	CARRD Estimate
Relocation of utilities	PG&E		\$50,433,506	\$50,433,506	Authority
Relocation of utilities	AT&T		\$18,412,133	\$18,412,133	Authority
Veterans Blvd Overcrossing	City of Fresno/Caltrans		\$28,000,000	\$28,000,000	Authority
Assistance with evaluation of facilities	County of Fresno		\$3,197,459	\$3,197,459	Authority
Insurance broker and administrative services for first cons	Alliant Insurance		\$1,056,053	\$1,056,053	Authority
Stipends to bidders			\$8,000,000	\$8,000,000	Authority
Misc 3rd party costs			\$1,000,000	\$1,000,000	Authority
CP1		\$1,293,390,343	\$196,696,808	\$1,490,087,151	
Madera to Fresno civil construction (CP1/ SR 99)		\$1,519,290,343	\$196,696,808	\$1,715,987,151	
D-B CP2-3 bid price	Dragados team	\$1,205,335,890		\$1,205,335,890	
D-B CP2-3 Utilities Allowance for PG&E	Dragados team	\$160,000,000		\$160,000,000	
D-B CP2-3 Haz Material Prov.	Dragados team	\$29,232,000		\$29,232,000	
D-B CP2-3 change orders (from contingency)	Dragados team			\$0	
CP2-3 Contingency (\$261,200,000 originally)			\$261,200,000	\$261,200,000	Authority
Stipends to bidders			\$4,000,000	\$4,000,000	Authority
Third Parties / Support Costs	BNSF, ?	\$140,000,000		\$140,000,000	
Fresno to Corcoran civil construction (CP2-3)		\$1,534,567,890	\$265,200,000	\$1,799,767,890	
D-B CP4 Contract price		\$392,794,635	-\$55,547,635	\$337,247,000	Authority
D-B CP2-3 Utilities Allowance			\$107,000,000	\$107,000,000	Authority
D-B CP2-3 Haz Material Prov.			\$10,310,000	\$10,310,000	Authority
D-B CP4 contingency			\$55,000,000	\$55,000,000	CARRD Estimate
Stipends to bidders			\$6,000,000	\$6,000,000	Authority
CP4 Third Parties / Support Costs	BNSF, ?		\$25,000,000	\$25,000,000	CARRD Estimate
Corcoran to Wasco civil construction (CP4)		\$392,794,635	\$147,762,365	\$540,557,000	
Wasco - Bakersfield civil construction			\$500,000,000	\$500,000,000	Authority
D-B CP5 (track bed, tracks, basic facilities)		\$446,096,000	\$128,904,000	\$575,000,000	CARRD Estimate
CP5 Contingency			\$69,000,000	\$69,000,000	CARRD Estimate
CP5		\$446,096,000	\$197,904,000	\$644,000,000	
Project Reserves (not clear what this is for)		\$46,267,109		\$46,267,109	
Interim Use Reserve (Amtrak signaling/ connection to existing track)		\$108,023,253		\$108,023,253	
Specific Project-wide Reserves		\$154,290,362		\$154,290,362	

Project budget	\$5,722,752,462		\$5,722,752,462
Allocated costs	\$5,263,160,510	\$1,567,360,041	\$6,830,520,551
Unallocated contingency	\$459,591,952	-\$259,591,952	\$200,000,000 CARRD Estimate
Project budget	\$5,722,752,462	\$1,307,768,089	\$7,030,520,551

Description	Notes
PMT (Tasks	Project delays will increase soft costs
Network Integration (Task 15)	Project delays will increase soft costs
Legal assistance with permitting (Mark Ebbin)	Contracts report
Legal assistance with permitting	Contracts report
Legal assistance with D-B contracts	Contracts report
Legal assistance with D-B contracts	Contract 8/2015
Data for subsidence evaluation	Contracts report
Subsidence study	From RFP, note: we have correspondence contract excuted June 2015
Permit assistance	
Two environmental staff positions	
Permit assistance	
D-B program manager	
CP 1 Project Construction Management	Delays
CP 2-3 Project Construction Management	Contracts report
CP 4 Project Construction Management	Contracts report
CP 5 Project Construction Management	
Independent quality control	Contracts report
Project Construction Management	
D-B Program & Construction Management	
Real Property - preliminary work	
Legal assistance for ROW acquisition (eminent domain)	Contracts report
Additional surveys and ROW consulting	Contracts report
Expert witness for ROW valuation	Contracts report
Acquisition and Relocation assistance	Contracts report
CP1 ROW Services	
CP2-3 ROW Services	
CP4 ROW Services	
Real Property costs	
Environmental / ROW Mitigation	
Real Property Acquisition	
SR-99 (Relocate 2 miles of SR-99, HSR civil construction, property acquisition)	
D-B CP1 bid price	Signed contract \$15 million original estimate - assume part of contingency
D-B CP1 Haz Material Prov.	
D-B CP1 Allowances (utility, "construction", hazardous)	Signed contract
D-B CP1 approved change orders (from contingency)	As of Nov 30, 2015
CP1 Remaining Contingency (originally \$160 million)	Estimate - utilities, ROW delays, freight barriers Estimate - utilities, ROW delays, freight barriers
Additional contingency (barriers, delays, utilities, Golden §	(discussed at Dec 2015 Finance/Audit committee)
Third Parties CP1	

Relocation of facilities	Contracts report
Relocation of facilities	Estimate (based on UPRR costs)
Assistance with evaluation of facilities	Contracts report
Relocation of facilities	Estimate
Relocation of utilities	Authority agreement from 2013
Relocation of utilities	Authority agreement from 2013
	\$28 million contribution
	http://www.fresnobee.com/2013/09/12/3494500/fresno-city-council-oks-veterans.html
	Addendum 9 Special Provisions (Veterans Blvd Overpass excluded) Cost of project including road extension \$111041000
	http://www.dot.ca.gov/dist6/environmental/envdocs/d6/veterans_blvd_080812.pdf
Veterans Blvd Overcrossing	
Assistance with evaluation of facilities	Contracts report
Insurance broker and administrative services for first cons	Contracts report
Stipends to bidders	
Misc 3rd party costs	Rough sum of smaller line items in contracts report

CP1

Madera to Fresno civil construction (CP1/ SR 99)

D-B CP2-3 bid price	
D-B CP2-3 Utilities Allowance for PG&E	
D-B CP2-3 Haz Material Prov.	
D-B CP2-3 change orders (from contingency)	
CP2-3 Contingency (\$261,200,000 originally)	
Stipends to bidders	
Third Parties / Support Costs	

Fresno to Corcoran civil construction (CP2-3)

D-B CP4 Contract price	
D-B CP2-3 Utilities Allowance	
D-B CP2-3 Haz Material Prov.	
D-B CP4 contingency	estimate
Stipends to bidders	
CP4 Third Parties / Support Costs	estimate

Corcoran to Wasco civil construction (CP4)

Wasco - Bakersfield civil construction (CP4b) truncated CP4

D-B CP5 (track bed, tracks, basic facilities)	Assumed \$5 million per mile (consistent with early budgets)
CP5 Contingency	12% of contract value

CP5

Project Reserves (not clear what this is for)	Added by FRA several years ago
Interim Use Reserve (Amtrak signaling/ connection to exi: FRA requirement)	

Specific Project-wide Reserves

Project budget

Allocated costs

Unallocated contingency

Project stage still requires unallocated contingency

Project budget

Reconciliation of current costs to budget as of December 2012

Category	Breakdown, as of 2012	Current
Program Management	\$266,422,656	\$358,541,180
Right of Way	\$773,670,021	\$902,397,590
SR-99 (Relocate highway 99 in Fresno)	\$225,900,000	\$250,900,000
CP 1	\$1,450,823,148	\$1,600,941,151
CP 2-3	\$2,064,052,714	\$1,963,202,580
CP 4/4b	\$466,547,844	\$1,111,257,017
CP 5	\$512,336,079	\$683,990,671
Total (excludes project reserves)	\$5,759,752,462	\$6,871,230,189

Notes:

\$105 million environmental mitigation, \$3.18 million Caltrans quality review, \$200 millic

Notes

Delays, need for legal/ specialists

Significant consultant expenses

Handled separately by Caltrans, could require additional contingency

Significant "Alternative Technical Costs" resulted in lower costs

More expensive alignment chosen to avoid oil wells near Shafter

on in assumed unallocated contingency included in estimates

Detail for existing ROW consultants

Firm	Amount
Quade Knopf	\$3,200,000
Steele Land and Inspection LLC	\$3,621,000
Universal Field Services	\$4,133,000
Universal Field Services	\$10,625,000
O'Dell Engineering	\$3,200,000
Mark Thomas and Company	\$3,200,000
Hernandez, Kroone & Associates	\$3,200,000
Epic Land Solutions, Inc.	\$4,340,000
Continental Acquisition	\$5,297,000
Chaudhary & Associates, Inc	\$3,200,000
Briggs Field Services, Inc	\$3,885,000
Bender Rosenthal, Inc.	\$5,095,000
Bender Rosenthal, Inc.	\$10,625,000
Beacon Integrated Professional Resources	\$4,227,000
Beacon Integrated Professional Resources	\$5,569,098
Associated Right of Way Services, Inc	\$4,402,000
Total	\$77,819,098