



Exhibit C Baseline Contract Amendments and Previous Board Actions

PCM Services Contract – HNTB CP 4 Amendment

Terry Ogle

This request is to amend HSR15-01 (HNTB) to increase FY18/19 funding to cover services through June 2018. This is the Project and Construction Management contract for CP4 to provide project management, quality management oversight, safety and security oversight, risk management, engineering oversight, construction oversight, environmental oversight, third-party oversight, public outreach and specialty support services, including right-of-way coordination.

CONTRACT NO.	CONTRACTOR	EXISTING CONTRACT END DATE	PROPOSED END DATE	CURRENT CONTRACT VALUE	PROPOSED CONTRACT AMENDMENT	PROPOSED CONTRACT VALUE
HSR15-01	HNTB Corporation	11/25/2020	12/31/2020	\$30,064,017	\$12,800,000	\$42,864,017

Previous Board Actions

- October 2015, Resolution #HSRA 15-17, approved contract for Project and Construction Management Service for a term of approximately five years, including term of one year past substantial completion of CP 4 design-build contract in an amount not to exceed \$30,064,017.

UPRR ECM Agreement Budget Amendment

Frank Vacca

This request is to increase HSR 14-63 by \$30M to a total of \$69M. This is due to design variance related to construction within CP1. Due to these design variances and the current spend rate, the Authority requires additional funds to complete UPRR's work within CP1.

CONTRACT NO.	CONTRACTOR	EXISTING CONTRACT END DATE	PROPOSED END DATE	CURRENT CONTRACT VALUE	PROPOSED CONTRACT AMENDMENT	PROPOSED CONTRACT VALUE
HSR14-63	Union Pacific Railroad Company	09/30/2018	09/30/2020	\$39,400,000	\$30,000,000	\$69,400,000

Previous Board Actions

- September 2013, Resolution #HSRA 13-24, Construction, Engineering and Maintenance and Related Insurance and Indemnification Agreements in an amount not to exceed \$39,400,000.



Regional Consultants

Regional Consultants – HNTB

Rebecca Kohstrand

This request is to approve updated baseline costs and Record of Decision (ROD) schedule for HSR 15-34, San Francisco to San Jose (FJ) and San Jose to Merced (JM). Contracts supporting the FJ and JM Record of Decision (ROD) require amending to reflect the latest information available and to reconcile with the 2018 Baseline. Updates reflect current scope, schedule, budget and expenditure forecasts assuming ROD by March 2021 for FJ and November 2020 for JM.

CONTRACT NO.	CONTRACTOR	EXISTING CONTRACT END DATE	PROPOSED END DATE	CURRENT CONTRACT VALUE	PROPOSED CONTRACT AMENDMENT	PROPOSED CONTRACT VALUE
HSR15-34	HNTB	11/15/2018	09/30/2021	\$46,000,000	\$29,600,000	\$75,600,000

Previous Board Actions

- September 2017, Resolution #HSRA 17-17, Amendment to the Environmental and Engineering Contract for the San Francisco and San Jose to Merced Project Sections with HNTB Corporation to add \$10M increasing the contract to an amount not to exceed \$46M.
- November 2015, Approval to Award the Environmental and Engineering Service Contract for the San Francisco to San Jose and San Jose to Merced Project Sections in an amount not to exceed \$36M and a term of three years.

Regional Consultants - Parsons Transportation Group (PTG)

Serge Stanich

This request is to authorize an extension of time for an additional six months and increase the contract value by \$400,000 for HSR 08-05. Updates reflect current scope, schedule, budget and expenditure forecasts assuming a ROD by July 2019 for the Central Valley Wye.

CONTRACT NO.	CONTRACTOR	EXISTING CONTRACT END DATE	PROPOSED END DATE	CURRENT CONTRACT VALUE	PROPOSED CONTRACT AMENDMENT	PROPOSED CONTRACT VALUE
HSR08-05	Parsons Transportation Group	06/30/2019	09/30/2019	\$80,240,000	\$400,000	\$80,640,000

Previous Board Actions

- September 2017, Resolution #HSRA 17-18, Amendment to the Environmental and Engineering Contract for the Central Valley Wye, to add \$3M and extend the term of the contract to June 30, 2019.
- June 2016, Resolution #HSRA 16-18, Amend the Merced to Fresno Central Valley Wye Regional Consultant Contract with Parsons Transportation Group, Inc. to add \$4M and extend the term of the contract to June 30, 2018.
- June 2014, Resolution #HSRA 14-17, Amendment to the San Jose to Merced Project Section Regional Consultant Contract with Parsons Transportation Group, Inc., for an amount not to exceed \$8.94M for a total contract of \$73.3M and extend the term of the contract to June 30, 2016.
- April 2013, Resolution HSRA 13-05, Amendment to complete analysis of the Central Wye alternatives and prepare a Draft and Final Supplemental EIR and EIS for the Merced to Fresno section in an amount not to exceed \$9.3M for a total contract of \$64.3M through FY 13/14.

This request is to approve updated baseline costs and Record of Decision (ROD) schedule for HSR 14-42, Palmdale to Burbank (P-B). Contracts supporting the P-B Record of Decision (ROD) require amending to reflect the latest information available and to reconcile with the 2018 Baseline. Updates reflect current scope, schedule, budget and expenditure forecasts assuming a January 2021 ROD.

CONTRACT NO.	CONTRACTOR	EXISTING CONTRACT END DATE	PROPOSED END DATE	CURRENT CONTRACT VALUE	PROPOSED CONTRACT AMENDMENT	PROPOSED CONTRACT VALUE
HSR14-42	Sener	04/23/2020	12/31/2021	\$56,000,000	\$8,901,223	\$64,901,223

Previous Board Actions

- March 2015, Resolution #HSRA 15-07, Approval of Award of Palmdale to Burbank Section Environmental/Engineering Services contract to the amount of \$56M.

Regional Consultants - STV

This request is to approve updated baseline costs and Record of Decision (ROD) schedule for HSR 14-39, Burbank to Los Angeles (BLA) and Los Angeles to Anaheim (LAA). Contracts supporting the Records of Decision (ROD) require amending to reflect the latest information available and to reconcile with the 2018 Baseline. Updates reflect current scope, schedule, budget and expenditure forecasts assuming RODs by July 2020 for BLA and October 2019 LAA.

CONTRACT NO.	CONTRACTOR	EXISTING CONTRACT END DATE	PROPOSED END DATE	CURRENT CONTRACT VALUE	PROPOSED CONTRACT AMENDMENT	PROPOSED CONTRACT VALUE
HSR14-39 ¹	STV	01/31/2020	01/31/2021	\$51,000,000	\$12,483,097	\$63,483,097

^{1.} ~\$23.3m is currently allocated for Burbank-LA Section and ~\$27.7m for Los Angeles to Anaheim Section, for a total of \$51m for both sections. The total proposed project budget for Burbank to LA is now \$29,276,588, which when combined with the proposed LA to Anaheim budget of \$34.2m results in a revised contract budget total of \$63,483,098.

Previous Board Actions

- February 2015, Resolution #HSRA 15-03, Approval of Award of Burbank to Anaheim Corridor Environmental/ Engineering Services contract in an amount not to exceed of \$51M.

Regional Consultants - T.Y. Lin International

This request is to approve updated baseline costs and Record of Decision (ROD) schedule for HSR 13-44, Bakersfield to Palmdale (B-P). Contracts supporting the B-P Record of Decision (ROD) require amending to reflect the latest information available and to reconcile with the 2018 Baseline. Updates reflect current scope, schedule, budget and expenditure forecasts assuming a June 2020 ROD.

CONTRACT NO.	CONTRACTOR	EXISTING CONTRACT END DATE	PROPOSED END DATE	CURRENT CONTRACT VALUE	PROPOSED CONTRACT AMENDMENT	PROPOSED CONTRACT VALUE
HSR13-44	TY Lin	01/31/2019	01/31/2021	\$65,200,000 ¹	\$7,458,068	\$72,658,068 ¹

1. \$46.1m is allocated for Bakersfield to Palmdale Section and \$19.1m for Fresno to Bakersfield Locally Generated Alternative (LGA). The total proposed project budget for Bakersfield-Palmdale is \$53,558,068. LGA Project budget remains at \$19.1m.

Previous Board Actions

- October 2016, Resolution #HSRA 16-27, Amend the Bakersfield to Palmdale Project Section Environmental and Engineering Contract with T.Y. Lin International, in and amount not to exceed \$22.1M.
- November 2013, Resolution #HSRA 13-32, Award of the Regional Consultant Contract for the Bakersfield

to Palmdale Project Section, in an amount not to exceed \$46.1M and a contract term of up to five years.

Environmental Mitigation and Compliance

Westervelt Ecological Services, Inc.

Mark McLoughlin

This request is to approve a contract amendment with Westervelt Ecological Services in the amount of \$25,060,943.00 for the purchase of 1,688 acres of habitat for listed species to satisfy permit obligations. Since receiving the permits from the California Department of Fish and Wildlife and the US Fish and Wildlife Services, changes in anticipated impacts and mitigation requirements have resulted in substantial increases in required compensatory mitigation. Purchase of adequate mitigation credits is a mandatory requirement of permits to allow construction of CP2-3 and CP4.

CONTRACT NO.	CONTRACTOR	EXISTING CONTRACT END DATE	PROPOSED END DATE	CURRENT CONTRACT VALUE	PROPOSED CONTRACT AMENDMENT	PROPOSED CONTRACT VALUE
HSR14-56	Westervelt Ecological Services, Inc.	02/28/2021	02/28/2025	\$48,895,000	\$25,060,943	\$73,955,943

Previous Board Actions

- June 2015, Resolution #HSRA 15-13, Approval to Award Contract for Habitat Mitigation Services with Westervelt Ecological Services in the amount of \$48,895,000 for a term of five years.

California Department of Conservation

Mark McLoughlin

This request is to extend the term of the contract with the Department of Conservation (HSR12-03) by three years and add an additional \$16M to the agreement. The purpose of this agreement is to fund agricultural conservation easements for the Authority’s high-speed rail program for the Merced-Fresno, Fresno-Bakersfield and San Jose-Merced project sections. This facilitates compliance with the Authority’s mitigation commitments for impacts to important farmland that is set forth in the EIR/S documents.

CONTRACT NO.	CONTRACTOR	EXISTING CONTRACT END DATE	PROPOSED END DATE	CURRENT CONTRACT VALUE	PROPOSED CONTRACT AMENDMENT	PROPOSED CONTRACT VALUE
HSR12-03	California Department of Conservation	09/30/2018	09/30/2021	\$19,993,339	\$16,000,000	\$35,993,339

Previous Board Actions

- November 2012, Resolution #HSRA 12-29, Interagency Agreement with the California Department of Conservation, for Agricultural conservation easements between Merced to Fresno, Fresno to Bakersfield, and San Jose to Merced, for a budget of \$20M and an initial five-year term.