California High-Speed Train Project

Request for Proposal for Design-Build Services

RFP No.: HSR 11-16
Scope of Work

ATTACHMENT 5
MANDATORY STANDARD SPECIFICATIONS LISTING

06/04/2012 - ADDENDUM 2 - RFP HSR 11-16

Construction Package 1 - Standard Specifications
Listing of Sections, Articles, and Paragraphs that are Contract Requirements

Notes:

1. Sections listed are for reference unless the entire Section is or parts of the Section (specific Parts, Articles, or Paragraphs) are indicated as Contract requirements. Listing of Article or Paragraph includes all Paragraphs (and subparagraphs) under listed Article or Paragraph.
2. Wherever portion of the Standard Specifications included as a Contract requirement (mandatory) refers to a portion of the Standard Specifications included as reference, the referenced portion is mandatory.

Title		Contract Requirements Sections, Parts, and Articles and Paragraphs indicated in this Column are Contract requirements (that is, "Mandatory")
Sec. No.	**DIV 02 TECHNICAL GENERAL REQUIREMENTS AND EXISTING CONDITIONS**	
02 01 00	STANDARD SPECIFICATIONS GENERAL STATEMENTS	Entire Section
02 01 56.39	TEMPORARY TREE AND PLANT PROTECTION	
02 21 13	SITE SURVEYS	Entire Section
02 21 23	FIELD ENGINEERING	Entire Section
02 21 33	PHOTOGRAPHIC DOCUMENTATION	Entire Section
02 22 00	EXISTING CONDITIONS ASSESSMENT	Entire Section
02 41 00	DEMOLITION	

06/04/2012 - ADDENDUM 2 - RFP HSR 11-16

Title		Contract Requirements Sections, Parts, and Articles and Paragraphs indicated in this Column are Contract requirements (that is, "Mandatory")
Sec. No.	**DIV 03 CONCRETE**	
03 05 15	PORTLAND CEMENT CONCRETE	Entire Section
03 05 18	PRESTRESSED CONCRETE	Entire Section
03 11 00	CONCRETE FORMING	1.3 Reference Standards 1.4 Quality Assurance
03 11 14	FALSEWORK	1.4 Submittals 2.3B. Design criteria regarding railroads
03 15 00	CONCRETE ACCESSORIES	
03 15 13	WATERSTOPS	Part 2- Products
03 15 15	ELASTOMERIC BEARING PADS	
03 20 00	CONCRETE REINFORCING	Entire Section
03 30 00	CAST-IN-PLACE CONCRETE	1.3 Reference Standards 1.4 Submittals 1.5 Quality Assurance
03 35 00	CONCRETE FINISHING	1.3 Reference Standards 1.5 Quality Assurance
03 37 13	SHOTCRETE	1.2 Reference Standards 1.5 Quality Assurance 3.6 Field Quality Control
03 40 00	PRECAST CONCRETE	1.3 Reference. Standards 1.5 Submittals 1.6 Quality Assurance 2.3 Source Quality Control
03 43 00	PRECAST CONCRETE SEGMENTAL CONSTRUCTION	Entire Section
03 62 00	NON-SHRINK GROUTING	1.4 Reference Standards 2.2 Source Quality Control

06/04/2012 - ADDENDUM 2 - RFP HSR 11-16

Title		Contract Requirements Sections, Parts, and Articles and Paragraphs indicated in this Column are Contract requirements (that is, "Mandatory")
03 70 00	MASS CONCRETE	Entire Section
Sec. No.	**DIV 05 METALS**	
05 05 22	METAL WELDING	Entire Section
05 12 00	STRUCTURAL STEEL FRAMING	Entire Section
05 50 00	METAL FABRICATIONS	
05 51 00	METAL STAIRS	1.3 Reference Standards 1.5 Regulatory Requirements
Sec. No.	**DIV 07 THERMAL AND MOISTURE PROTECTION**	
07 95 63	BRIDGE BEARINGS	1.3 Reference Standards; 1.4 Submittals 2.3 Design Requirements 3.1 Sampling, Testing, and Inspection 3.3 Field Quality Control
07 95 66	BRIDGE EXPANSION JOINT ASSEMBLIES	1.3 Reference Standards 1.4 Submittals 1.5 Quality Assurance 2.3 Design Requirements 3.2 Field Quality Control
07 95 73	TUNNEL SEISMIC JOINT ASSEMBLIES	

06/04/2012 - ADDENDUM 2 - RFP HSR 11-16

Title		Contract Requirements Sections, Parts, and Articles and Paragraphs indicated in this Column are Contract requirements (that is, "Mandatory")
Sec. No.	**DIV 31 EARTHWORK .**	
31 05 00	COMMON WORK RESULTS FOR EARTHWORK	1.4 Reference Standards 1.6 Submittals 1.7 Regulatory Requirements 1.8 Quality Assurance 2.2 Fill and Backfill Materials – Specific Requirements 2.4 Source Quality Control 3.11 Compaction 3.15 Field Quality Control
31 09 13	GEOTECHNICAL INSTRUMENTATION AND MONITORING	Entire Section
31 11 00	CLEARING AND GRUBBING	Entire Section
31 23 19	DEWATERING	Entire Section
31 23 26	AGGREGATE DRAINAGE LAYER	
31 35 00	SLOPE PROTECTION	
31 35 33	TURF AND HYDROSEED SLOPE PROTECTION	
31 38 13	REINFORCED SLOPES AND EARTH STRUCTURES	1.4 Reference Standards 1.5 Submittals 1.7 Design Requirements 1.8 Qualifications of Supplier 1.9A. Delivery, Storage and Handling 2.1B.1 Soil Reinforcement 3.4 Field Quality Control

06/04/2012 - ADDENDUM 2 - RFP HSR 11-16

Title		Contract Requirements Sections, Parts, and Articles and Paragraphs indicated in this Column are Contract requirements (that is, "Mandatory")
31 39 13	GROUND ANCHORS	1.4 Regulatory Requirements 1.5 Submittals 1.6 Quality Assurance 2.2 Design Requirements 3.3 Corrosion Protection 3.5 Field Quality Control – General 3.6 Stressing, Load Testing, and Acceptance of Ground Anchors
31 50 13	TEMPORARY EXCAVATION SUPPORT AND PROTECTION	Entire Section
31 62 00	DRIVEN PILES	1.3 Reference Standards 1.4 Regulatory Requirements 1.5E. Submittal of PDF and CAPWAP Records 1.5F. Test Pile Test Reports 1.6 Quality Assurance Part 2 – Products 3.3 Indicator Piles and Test Piles 3.4 Axial Compression and Tension Load Tests 3.5 Lateral Load Tests 3.6 Dynamic Pile Testing 3.8 Installation Tolerances
31 63 29	DRILLED CONCRETE PIERS AND SHAFTS	1.3 Reference Standards 1.5 Submittals 1.6 Quality Assurance Part 2- Products 3.1 Tolerances 3.2 Method Test Shafts 3.3 Load Tests 3.8 Field Quality Control

06/04/2012 - ADDENDUM 2 - RFP HSR 11-16

Title		Contract Requirements Sections, Parts, and Articles and Paragraphs indicated in this Column are Contract requirements (that is, "Mandatory")
Sec. No.	**DIV 32 EXTERIOR IMPROVEMENTS**	
32 11 23	AGGREGATE BASE COURSES	
32 31 13	CHAIN LINK FENCES AND GATES	Entire Section
32 90 00	PLANTING	
Sec. No.	**DIV 33 UTILITIES**	
33 05 16	UTILITY STRUCTURES	Entire Section
33 05 25	SUPPORT AND PROTECTION OF UTILITIES	Entire Section
33 05 28	TRENCHING AND BACKFILLING FOR UTILITIES	2.2B. Detectable Tape 3.4E. Detectable Tape
33 05 33	RELOCATION OF EXISTING UTILITIES	
33 11 00	WATER UTILITY DISTRIBUTION PIPING	
33 40 00	STORM DRAINAGE UTILITIES	
33 46 00	SUBDRAINAGE	
Sec. No.	**DIV 34 TRANSPORTATION**	
34 11 27	BALLASTED TRACK	

End of List for Construction Package 1

06/04/2012 - ADDENDUM 2 - RFP HSR 11-16