# **California High-Speed Rail Authority**



**Industry Awareness Day** 

**Questions and Responses** 

(Rail Procurements Technical Scope)

No.	Offeror Question	Authority Response
1	Recent board meeting provided plans for behind the meter Battery Energy Storage Systems (BESS) at each TPSS. This scope is not mentioned in any of the Packages; is this part of Package 2 - Systems or is it a separate procurement and if so, which?	Power Supply is currently anticipated to be part of the Package 2 procurement. The Authority will continue to refine its procurement schedule and packages moving forward.
2	Recent board meeting provided plans for behind the meter solar photovoltaic (PV) arrays. This scope is not mentioned in any of the Packages; is this part of Package 2 - Systems or is it a separate procurement and if so, which?	Power Supply is currently anticipated to be part of the Package 2 procurement. The Authority will continue to refine its procurement schedule and packages moving forward.
3	Recent board meeting provided plans for behind the meter Static Frequency Converters (SFC). This scope is not mentioned in any of the Packages; is this part of Package 2 - Systems or is it a separate procurement and if so, which?	Power Supply, including behind the meter elements, is currently anticipated to be part of the Package 2 procurement. The Authority will continue to refine its procurement schedule and packages moving forward.
4	What, if any, procurements associated with the Central Valley phase electrification scope will be made directly by PG&E?	There will be transmission lines and substation work undertaken by PG&E directly along with minor upgrades to their network. PG&E will have their SOW and the Authority will have separate SOW.
5	Can you provide an update on the location of the Heavy Maintenance Facility? If a final location has not been chosen, can you share the shortlist of cities in the running?	The Authority executed contract HSR 22-10 with STV, Inc in November 2023 to perform an environmental analysis of a Heavy Maintenance Facility in the Central Valley.  The Heavy Maintenance Facility location has not been determined at this time.
6	Can you provide an update on the track and system installation timeline. How/When contractors are expected to be awarded.	The procurement for construction of the Track Civils, Track Bed, and Track and OCS is anticipated to be a CM/GC contract and will likely be released in Q2 2024.

No.	Offeror Question	Authority Response
7	Regarding the Depot Equipment Bid, I would like to	There are several packages for the Depots/Facilities that
	know it [sic] will be one contractor or individual	are yet to be determined but there is a timeline shown on
	supplier bidding process? Also I would like to know the	the presentation slides that indicate Q3 2024 (Design) for
	bidding date and the date of sharing the specs.	release of the RFP/RFQ and 2026 Construction.
8	What about Automatic Fare Collection System (AFC)	The Authority has not developed a procurement package
	bidding?	that specifically includes Automatic Fare Collection System
		(AFC) as of the date of these responses. The Authority will
		continue to refine its procurement schedule and packages
		moving forward.
9	What is the anticipated timeline for a draft RFP for	The initial solicitations for both Packages 1B and 2 are
	package 1B and 2? Can you restate the budget for	estimated to be released in Q2 2024. The estimated
	package 1B and 2? Are both packages fully funded?	contract amounts for the Package 1B (CM/GC) and
	Has package 2 been released for bid yet?	Package 2 (PDB) are \$400 Million to \$2 Billion,
		respectively. Currently, both packages are not fully funded.
10	Please be as specific as you can about upcoming	Slide #17, Overview of Packaging and Anticipated Dates of
	procurement dates.	the presentation slides identifies the most up to date
		procurement schedule.
11	When will the sample CMGC and PDB contracts be	A draft RFQ document including a draft scope of work will
	made available?	likely be provided to Industry in early 2024 Q1 for review
		and feedback.
12	How is the Authority view [sic] the handling of the	The Authority's staff will manage the master schedule and
	Master Schedule integrating all contracts?	the contractor's schedules will be integrated with the
		master schedule. The Construction Manager(s) will provide
		support to assist with coordinating the various
		contractors' schedules.
13	Could you please provide the estimated budgets for	The estimated contract amounts for the additional
	the additional contracts such as ISA/Integration	contracts are \$10-15 Million (ISA); \$40-80 Million
	support, CM and the duration of these additional	(Integration Support); \$10 Million (ICE); \$200 Million (CM).
	contracts?	The RFQ for the Integration support contract is estimated
		to be released in Q1 2024.

No.	Offeror Question	Authority Response
	For the Integration Support contract, do you have a timeline for when the RFP will be released?	
14	What is the budget for the construction management contract?	See response to Question 13.
15	For the Integration Support contract, do you have a timeline for when the RFP will be released?	The RFQ for the Integration Support contract is estimated to be released in Q1 2024. The Authority intends to coordinate the start of the Integration Support contract with the start of the Design for Track & OCS contract.
16	Can you confirm if the Integration Support Contract will require IBM DOORS use?	Yes, the Integration Support contract will require IBM Rational Dynamic Object-Oriented Requirements System (DOORS) use. The Authority is using the classical version not the DOORS new Generation.
17	Is the Authority currently using DOORS as the requirements tool?	Yes, the Authority is currently using IBM Rational Dynamic Object-Oriented Requirements System (DOORS) as the requirements tool.
18	The procurement packages schedule indicated that packages 1B and 2 will occur in the Q2 of 2024. Additionally it was indicated that the Authority is considering draft RFQ/RFP packages to the industry for feedback?	Yes, the procurement packages 1B and 2 will occur in the Q2 of 2024. A draft RFQ document including a draft scope of work for the respective procurements will likely be provided to Industry in early 2024 Q1 for review and feedback.
19	If the Authority is successful in your federal grant application, when do you anticipate RFP release dates for Merced-San Jose and Bakersfield-Palmdale design packages	We anticipate RFP release dates for Merced-San Jose and Bakersfield-Palmdale design packages in 2024.
20	For the Track, OCS, and Systems-which materials and equipment will the Authority furnish versus what the contractor furnishes?	Currently all materials will be procured by the Contractors, but the Authority may consider Owner supplied materials in the future.

No.	Offeror Question	Authority Response
21	Track Procurement-How many miles will be built initially?	The 119-mile Central Valley segment will initially serve as the testing and certification track, and thus must be prioritized in construction schedules.
22	Can you provide an estimated budget for the additional bookend contracts?	Typically, the Authority refers to "bookend" projects in relation to specific allocations of Proposition 1A funds. For information on these projects, please refer to the 2022 Business Plan. With regard to the ISA, ISS, ICE, and future CM contracts, see responses to Question 13.
23	Is the green point/solar power grid included in the scope of package 2 or supplied by other?	Power Supply is currently anticipated to be part of the Package 2 procurement. The PG&E and solar array connections will be separate from each other.
24	Is there a workgroup looking at potential resource shortages as a result of other high speed schemes taking place in similar timescales and utilizing similar resource sets?	The Authority is aware of competing business interests across the nation and globally, and continues to take those market conditions under consideration in its procurement development processes.
25	Sorry if this question is being asked again, has Package 2 for Signalling, Train Control, and SCADA, has that been released yet?	No, Package 2 for Signaling, Train Control, and SCADA, has not been released yet. It is scheduled to be released in Q2 2024.
26	Where does the traction power substation design fall? Which package?	The traction power substation design is anticipated to be included in Package 2: Systems.
27	Can some specifications for the track and systems contracts be made available. i.e. trackform? OHLE specification. General cross section?	A draft RFQ document including a draft scope of work and relevant reference materials will likely be provided to Industry in early 2024 Q1 for review and feedback.

No.	Offeror Question	Authority Response
28	For Package 2 and considering the Progressive Design Build contracting model, can you confirm or add details to following elements of the procurement evaluation process: Will the RFP response require an indicative price and will this be part of the proposers evaluation score? Will the Proposer Teams be required to provide a firm fixed price for the design delivery period? Is there a view today related to the overall evaluation criteria for the progressive design build RFP?	The Authority anticipates making a draft of the Package 2: Systems (Progressive Design-Build for Rail Systems) procurement documents available for industry draft review prior to publication of the final procurement documents. Additional information regarding the procurement process will be available at that time.
29	Based on a Q2 2024 release of the PDB Package 2, what is the anticipated timeline for RFP response, submission, negotiation, award and Design Phase NTP?	The Authority has not finalized the timeline of the Package 2 procurement. Recent, past procurements have taken at least four (4) months between time of initial release and the NTP.
30	To confirm what was mentioned at the industry awareness by Mr. Armistead: Please confirm that the PDB contract will need to provision for the design, furnish, build and install of solar energy solutions and Battery Electric Storage (BES) at each of the substations to provide for alternate power sources in addition to the PG&E power supply?	See responses to Questions 1-4.
31	For the above supply of solar energy & BES solutions, can you confirm that the acquisition of any land would be done by the CHSR authority, and would not be required of the Design Builder for Package 2?	The acquisition of real property is the responsibility of the Authority.
32	Is it expected that the NTP's for Package 2 will follow the NTP scheme provided in Package 1A?	The NTP's for Package 2 have not been determined at this time.

No.	Offeror Question	Authority Response
33	For the Communications subsystems required at Stations or other buildings, (PA, VMS, CCTV, Station Intrusion/SCADA), can you please confirm it is expected that these subsystems and associated design/furnish/install/test will be included in Package 2?	The Communications subsystems and associated services are currently included within the Package 2 procurement.
34	When will the trainsets for the initial segment be delivered?	Prototype trainsets should be delivered by 2028 to support static/dynamic testing and trial running, followed by production trainsets by the end of 2030 to support revenue operations.
35	The RFQ Document outlines, that the authority intends to procure 6 trainsets + 30 years of maintenance. During last week's customer Awareness Day, the authorities mentioned that option contracts might follow for some of the packages. Our question is whether you would re-tender the trainset packages or negotiate options into the contract with your trainset vendor in order to reduce administrative effort and assure fleet homogeneity.	Section 3.1 of Request for Qualifications (RFQ) No. HSR23-18 outlines the anticipated Notices to Proceed (NTP) for the trainsets contract and includes an option order: "Additional NTP(s) may be issued for the delivery of an option order of up to six additional Trainsets."
36	Per the slides presented in the Industry day there is a bid package expected to be released in Q2 2024 for Package 2 (Systems).  1. Is there already a list of pre-qualified companies that are allowed to bid as the Prime? If yes, can we get this list with the contacts info.  2. If no, will there be a pre-qual phase before the RFP is	<ol> <li>No, there is not already a list of pre-qualified companies that are allowed to bid as the Prime.</li> <li>Package 2 is the Progressive Design Build (PDB) procurement, and there is not expected to be a pre-qualification phase and the RFQ is expected to be released at the end of Q2 2024.</li> </ol>

No.	Offeror Question	Authority Response
	released, and if so when will the RFQ come out. 3. Will the RFP be released in Q2 2024, or will it be a RFQ? When will the RFP be released?	3) This contract is expected to be released as a RFQ in Q2 2024.

## **California High-Speed Rail Authority**



**Industry Awareness Day** 

**Questions and Responses** 

(Small Business and Legal)

No.	Offeror Question	Authority Response
1	Does the Community Benefit Agreements apply to A/E or Professional Services Contracts?	The Community Benefit Agreements does not apply to A/E or Professional Services Contracts, they only apply to construction contracts.
2	We are looking to be a sub on the packages. How do you suggest we work with several other primes on different packages so HSR gets the best proposals.  There are dependencies among packages that are not clear how HSR will handle this.  (I'm going to have Kate come up and talk about the potential conflicts with joining multiple teams.)	In early 2024, we're going to be hosting teaming events and matchmaking events to give primes and small businesses an opportunity to connect. Support services will be available for those firms that need assistance with joint ventures, teaming agreements etc.  Kate: In general, a company can participate in multiple procurements. However, there are different factors that must be considered to determine whether there is a conflict. The best thing to do is contact HSR's Legal Dept.  For example, if you're participating in the trainsets procurement that doesn't conflict you out from also participating in the systems procurement, we've said that publicly and in writing before.
3	How do you get in contact with the small business team?  Who is small business officer? (interpreted the question-question)	Each Prime is going to have to hire a small business officer that is responsible for handling and tracking their goals, conducting outreach and interacting with our Small Business Advocate, Chardena Valley. Ms. Valley is the point of contact for you and her team will work with you to make sure that you're meeting your goals and hitting your objectives. Contact her at SBprogram@hsr.ca.gov

No.	Offeror Question	Authority Response
4	Will HSR ensure that Prime teams meet the 30% overall SB goals?	We're no longer using the 30% overall, we are expressing each goal individually. The question remains, will we make sure, that the Primes are meeting those goals, and the answer is yes.
		Each Prime will be required to submit a utilization plan that identifies the small businesses and their role(s) on the project. The utilization plan will detail how the Prime plans to achieve the 10% DBE, the 3% DVBE, the 25% Small Business and the 3% Micro Business. The Small Business Team will then meet with you (Prime) on a regular basis, monthly most likely, to make sure that you're (Prime) is hitting those targets and will help you conduct outreach events and, etc.
5	What will happen if Prime firms are not on track to meet their small business goals and project milestones?	We've revised the small business program plan and that's what we use to govern the program and that is what you will use to find out what you need to do to hit all your targets.
		In addition to the compliance measures, we now involve our executive leadership team. If we have an issue with a prime meeting their goals and we don't see any efforts to increase their goals, we escalate and involve Authority leadership as well as the Prime and their executive leadership. We will implement regular measures to make sure that all firms are on target to me meet their goals.

No.	Offeror Question	Authority Response
6	How will you describe the commitment level both from states and federal in terms of funding and investment?	We start each procurement with a sitting down with our financial team and we determine the funding breakdown of every contract. If there is a certain amount of state dollars and/or a certain amount of federal dollars, then we look at the breakdown in dollars. We determine where the goals are going to be applied. Most of our contracts are blended state and federal, so we will outline in the RFQ how many dollars are supposed to be committed to small business to DBE and to DVBE. You'll understand that at the time of the RFQ, so that you can get your teams together.
7	Are there any lessons learned from execution of the civil contracts in regards to supporting SBEs, DBEs, DVBEs, that could improve their inclusion and success in execution on future procurements?	Yes. I came to the Authority in 2018 and we immediately noticed the necessary changes as we went from planning, to design, to construction. There were a lot of "Lessons Learned" which is one of the reasons why we changed our goal structure. It's another reason why we revised the Small Business Program Plan, so that it's clearer and more concise, there's no ambiguity and everybody understands their roles and responsibilities in meeting the goals. In terms of supporting small businesses, we do plan, early next year to finish the work on a supportive services contract. We do want to have a bid effort go out that's specific for supporting small businesses in finding bonding, insurance and different things that have historically been roadblocks or hindrances in small businesses performing on contracts.
8	Did CAHSR perform a market study to determine the	We're actually going to do a disparity study, but I need
	DBE community can manage a 17% DBE goal? If so, would the Authority be willing to share this study?	to mention that we have not yet had a 100% Federal contract. Because we changed the goals, I wanted to
	would the Authority be willing to share this study!	contract. Because we changed the godis, I wanted to

No.	Offeror Question	Authority Response
		put a scenario, just in case there was a time that we had to go 100% Federal. We would (use) the standard, (which) is 10%. The floor is 10%, but we wanted to obviously maximize small business participation and not just have a 10% goal on a very large procurement. So, we did raise it to 17%. However, we're starting the work this year to do a disparity study because that's very important. We also plan to conduct a market availability study. We have to make sure that there's availability in the marketplace for small businesses to perform.
9	We are highly interested in the ICE Contract for Track and Systems that is scheduled to come out in Q2 2024 with an anticipated budget of \$10 million. Could you please provide us some insight on what the minority participation goal on that contract might look like?	The State of California does not have Minority Business Enterprise (MBE) participation goals. The certification categories recognized in California and the High-Speed Rail Authority are as follows:  • The Department of General Services (DGS) is the administrator and the oversite agency for the state's certification program for: o Disabled Veteran Business Enterprise (DVBE) o Micro Business (MB) o Small Business (SB) o and Small Business for the purpose of Public Works (SB-PW)  • Caltrans Administers the Disadvantaged Business Enterprise (DBE) Program Statewide, also known as the California Unified Certification Program. o This program is based on Socio-economic disadvantage, which minority individuals are eligible to apply.

No.	Offeror Question	Authority Response
10	Many of the other agencies post the names of primes who have downloaded the bid documents, and their contact information. This makes it possible for small businesses to contact them about teaming. I know your website shows who attended the prebid, but not all primes attend the prebid especially since the prebids generally don't give out much information that wasn't in the RFP. Would CAHSR consider providing more information on primes interested in the opportunities? My company has been trying to get work on CAHSR projects for months and even though we have done a great deal of work for LACMTA and other California agencies, we have been unsuccessful at getting CAHSR work.	The High-Speed Rail Authority does have a 10% DBE goal for contracts with blended state and federal funds and a 17% DBE goal for contracts with 100% federal funds.  All state departments, including High-Speed Rail, are required to post their bids in Cal eProcure which is maintained by the California Department of General Services (DGS). If that is a feature of Cal eProcure, you would need to contact DGS for assistance with accessing a list of primes who have downloaded the bids. Their contact is: OSDSHelp@dgs.ca.gov.
11	<ol> <li>We have two questions about conflicts that are related to another but separate questions.</li> <li>If our firm does work as a subconsultant on Package 1 or 2, would be eligible to work under a future contract for system safety assessor or system integration support?</li> <li>If our firm does work as a subconsultant on Package 1, are we eligible to get awarded work under Package 2?</li> </ol>	These questions are in regards to Organizational Conflicts of Interest (OCOI). Requests for Organizational Conflict of Interest determinations should be submitted to the Authority's Chief Counsel, Alicia Fowler, at Legal@hsr.ca.gov, referencing the RFQ(s) or RFP of interest.

# **California High-Speed Rail Authority**



**Industry Awareness Day** 

**Questions and Responses** 

(Procurement Process)

No.	Offeror Question	Authority Response
1	Is there a web portal that lists the current RFPs that have been released? Will I be able to download any of the RFPs to review?	All active procurements are available on the California State Contract Registar (CSCR) at www.caleprocure.ca.gov. Solicitation documents (RFQs, RFPs, and reference materials) can be downloaded directly from the CSCR event page for each solicitation.
2	Will the recording be shared with participants?	The recording, along with the presentation and registrant list, is available on our Track and Systems webpage at <a href="https://hsr.ca.gov/business-opportunities/contract-opportunities/track-systems/">https://hsr.ca.gov/business-opportunities/contract-opportunities/track-systems/</a> .
3	Will you be emailing us the entire recorded presentation?	See response to Question 2.
4	Also, Can you share the ppt for this webinar and the complete record?	See response to Question 2.
5	Will the ppt presentation be made available to download?	See response to Question 2.
6	Please could we get a copy of the presentation?	See response to Question 2.
7	Will a copy of the presentation be made available for the virtual attendees?	See response to Question 2.
8	Will a recording of the webinar be made available?	See response to Question 2.
9	Will a list of attendees be made available to allow virtual networking for those that couldn't attend in person?	See response to Question 2.

No.	Offeror Question	Authority Response
10	Is there an opportunity to see the organization for CHSR Authority so that I might direct some specific engineering/technical questions to the right person?	Yes, the Authority will post a general organizational chart on the website for contractors to review.
11	I would like to join in person the Industry Awareness Day. I signed up using the link provided. Is there any other registration that I have to do in the way to join the event in person in Sacramento?	Once you register online you will be registered for the event and will not have to register again in person.
12	Chardená Valley referred me to you. Hill International is interested in pursuing future professional services contracts with the Authority, specifically upcoming construction management work. We want to outreach to the small business community to find prospective SBE partners for our team. Would it be possible to exhibit or have a table at the Nov 15 Industry Awareness Day or other upcoming Authority outreach events?	Thank you for your interest in the Industry Awareness Day event. We are going to limit the tables to Authority staff only, but you may network with the small business attendees at the beginning of the event and during the breaks. The registration list of all the attendees will also be posted to the Industry Awareness Day webpage a week after the event for attendees to contact and network with each other. There will also be pre-bid meetings for each specific procurement once the contract RFQ is advertised.
13	I am inquiring about the schedule/agenda for the Industry Awareness Day – Upcoming Rail Procurements meeting on November 15. I see that the meeting starts at 1:30pm, can you please tell me what time the event is slated to conclude? Will there be networking opportunities for those in physical attendance?	The planned schedule for the event is 1:30 pm to 4:45 PM and there will be time to network in person at the event for 30 minutes before the presentations start at 2:00 pm and during the breaks.
14	Thank you for hosting the CAHSR Industry Day, 11/15 at 1:30 p.m. How long is the session is expected to last?	The Industry Awareness Day event is expected to last approximately 3 hours and 15 minutes, it's scheduled to start at 1:30 pm and conclude by 4:45 pm.

No.	Offeror Question	Authority Response
15	I wanted to confirm the following:  1. The Industry Awareness Day ( info below ) is both in person and via zoom. Please correct me if it is only in person  2. The Virtual Prebid conference is only via zoom. Please correct me if it is also both zoom and in person.	Yes, the Industry Awareness Day event is both in person and via zoom you can register for the event if you go to the website and click on the registration link. The virtual pre-bid conference for RFQ for Design Services for Track and OCS contract will be virtual only.
16	I wasn't able to attend yesterdays Industry Awareness Day as a last-minute obligation needed my attention. Is there any material available from the event that can review. Presentation material and/or video of the presentation.	See response to Question 2.
17	We attended in person and virtually the event and appreciate the excellent information. We understand the presentation materials were to be provided after the meeting. Could you tell us when or where they will be posted?	See response to Question 2.
18	Can you or someone on your team send me the PPT presentation? We would appreciate your effort in getting that completed so we may be well prepared to service everyone involved with CHSR projects with our products and products that we represent within the rail industry.	See response to Question 2.
19	Brandon Williams with Atlantic Track & Turnout Co.	See response to Question 2.

No.	Offeror Question	Authority Response
	I was registered for yesterday's webinar but could not make it. Is there any way you can send me the recording of it?	
	Thank you!	

# **California High-Speed Rail Authority**



**Industry Awareness Day** 

**Questions and Responses** 

(Other/General)

No.	Offeror Question	Authority Response
1	Please provide an update on the status of the Bakersfield LGA Design + when we'll expect to see contractor bidding opportunities for structure within the LGA (Shafter to Bakersfield)	Under design contract HSR 22-01 with HNTB, the design is progressing through the configuration footprint design and utility relocation design. The work on the configuration footprint design and future final design will inform future utility relocation and acquisition of right-of-way prior to construction, pending funding.
2	Will the CAHSR authority have other utility relocation packages on all segments in near future? Will they be broken out of entire civil works packages or allow for small businesses to perform on communication and utility works?	As the utility design are completed, the Authority will consider the delivery of early work packages including the relocation of utilities needed for alignment construction.
3	When will Bakersfield to Shafter utility work bid packages come out and how will this segment be managed?	See response to Question 2.
4	The Track & OCS design contract scope seems to overlap with the civils: drainage, crash walls, noise barriers, fencing, or utility relocations are mentioned. Can you confirm if these items are included in the scope, and if they are, how the overlap with the civil contracts that also have them will be solved?	The draft scope of work in addition to the entire RFQ for the Design Services for Track and Overhead Contact Systems (OCS) procurement is currently available for review on the Cal eProcure website. Questions on specific items within that scope or any other questions regarding the procurment should be submitted to Rachael Wong at trackdesign@hsr.ca.gov or (916) 324-1541.
5	Would you be able to disclose who any current incumbents/past consultants for similar ICE contracts are? Would it be possible to obtain any publicly available copies of their proposal submissions to review as well?	This will be the first Independent Cost Estimator (ICE) procurement for the Authority and therefore we do not have a history of past consultants for similar ICE contracts or copies of proposal submissions.

No.	Offeror Question	Authority Response
		With some exceptions, proposer submission documents
		are public records that can be requested and disclosed
		pursuant to the California Public Records Act.