



RESOLUTION No. 21-126

OF THE BOARD OF SUPERVISORS OF THE COUNTY OF NEVADA

AWARD OF TASK ORDER #1 TO HDR CONSTRUCTION CONTROL CORPORATION TO PROVIDE CONSTRUCTION MANAGEMENT AND INSPECTION SERVICES FOR THE SODA SPRINGS ROAD OVER SOUTH YUBA RIVER BRIDGE REPLACEMENT PROJECT

WHEREAS, on March 23, 2021, the Nevada County Board of Supervisors adopted Resolution 21-074, awarding a contract with HDR Construction Control Corporation, for a \$3,000,000 not to exceed on-call construction management and inspection contract for the period of March 23, 2021 to March 23, 2026; and

WHEREAS, the County has a need for construction management and inspection services for the Soda Springs Road Over South Yuba River Bridge Replacement Project; and

WHEREAS, on April 6, 2021, the County received mini-proposals from three on-call consultants, HDR Construction Control Corporation, Psomas, and Ghirardelli Associates, Inc., to provide construction management services on the Soda Springs Road over South Yuba River Bridge Replacement Project; and

WHEREAS, the selection panel determined that HDR Construction Control Corporation was the most responsive bidder; and

WHEREAS, a task order must be issued to approve the desired construction management services per the Caltrans Local Assistance Procedures Manual; and

WHEREAS, Resolution 21-074 stated that individual project scope of work and cost of services would be negotiated based on Caltrans approved rates and that all project task orders greater than \$50,000 would be brought to the County of Nevada Board of Supervisors to award within the global \$3,000,000 not to exceed contract; and

WHEREAS, this project will be Task Order #1 from the not to exceed on-call contract awarded with Resolution 21-074; and

WHEREAS, Task Order #1 has been negotiated in the amount of \$249,808.71 with HDR Construction Control Corporation and the remaining balance on their on-call contract will be \$3,000,000 - \$249,808.71 = \$ 2,750,191.29; and

WHEREAS, work is scheduled to begin spring/summer 2021; and

WHEREAS, sufficient budget is available in 1114-30154-702-3000/540712 to support this award.

NOW, THEREFORE, BE IT HEREBY RESOLVED that the Nevada County Board of Supervisors:

1. Awards Task Order #1 to HDR Construction Control Corporation in an amount of \$249,808.71 to provide construction management and inspection services as needed and approved per the project scope of work. The contract term for this Task Order #1 shall be from April 27, 2021 to April 27, 2022.
2. Authorizes the Public Works Director, or their designee, to execute on behalf of the County of Nevada the agreement between Nevada County and HDR Construction Control Corporation.

PASSED AND ADOPTED by the Board of Supervisors of the County of Nevada at a regular meeting of said Board, held on the 27th day of April, 2021, by the following vote of said Board:

Ayes: Supervisors Heidi Hall, Edward Scofield, Dan Miller, Susan K. Hoek and Hardy Bullock.

Noes: None.

Absent: None.

Abstain: None.

ATTEST:

JULIE PATTERSON HUNTER
Clerk of the Board of Supervisors

By: 


Dan Miller, Chair

4/27/2021 cc: DPW*
AC*



HDR CCC CM Team Cost Proposal for RE and Inspector
2021 Soda Springs Road Bridge Replacement Project

Nevada County

by: Greg Zeiss, 31 March 2021, Revised April 6, 2021

			1	2	3	4	5	6					
Personnel	Position	Pre Const	Construction						Post Const		Total Hours	Billing Rates	Cost Summary
		Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21				
Greg Zeiss/RE	PM/RE	3	4	4	4	4	4	4	3		30	\$ 265.15	\$ 7,954.40
Keil Banrard	Structure Rep/Inspector	80	160	160	160	160	160	160	100		1,140	\$ 165.65	\$ 188,841.03
Kari Johnson	Office Engineer	14	14	14	14	14	14	14	14		112	\$ 106.86	\$ 11,968.06
Janai Bloomfield	Project Controller		6	6	6	6	6	6	6		42	\$ 122.31	\$ 5,136.87
Office													
Jelica Arsenijevic	Biologist (If requested)										-	\$ 136.37	\$ -
Trucks (\$8/hr)											1,170	\$ 8.00	\$ 9,360.00
										Total HDR	1,324		\$ 223,260.36
DCM	Labor compliance										-		\$ 6,010.86
NV5 H&K	Materials												\$ 20,537.49
										Total Subs			\$ 26,548.35
											Total All		\$ 249,808.71

This Cost Proposal Assumes:

Budget assumes 120 contractor working days

Does not include HDR's consultant team cost for work beyond HDR's control such as extra working days, claims, and rain days beyond the schedule shown above.

Inspector Rates are subject to California Prevailing Wage. Rate will be actual wage or prevailing wage, which ever is greater.

Assumes a full time Structure Rep/inspector and an as-needed RE.

HDR Rates include laptop and phone for field personnel.

HDR does not include administration or project accounting in our overhead.

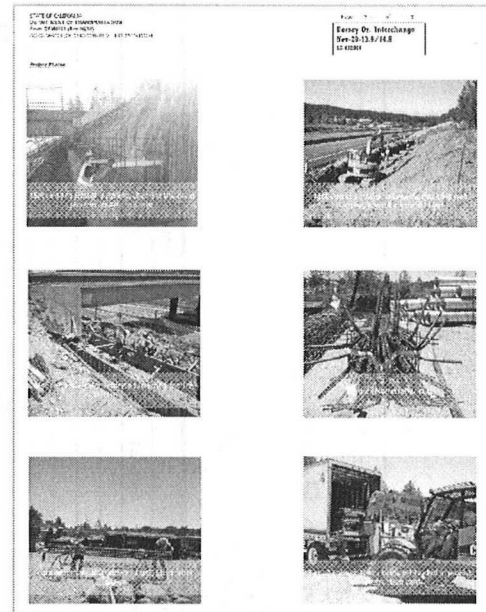
Work Plan/Scope of Work

Construction Phase Approach

Project Coordination

The Resident Engineer will serve as the focal point for coordination among the County, the Contractor, the permit agencies, the utility companies, the public, and the HDR team. The Resident Engineer will have weekly meetings with the Contractor and County that will include the parties who have a relevant interest in the work. Close communication will be maintained with the County Project Manager. The Resident Engineer's proactive project responsibilities include, but are not limited to:

- Preparation of construction management reports
- Clarifications and interpretations of contract documents
- Review and responses to submittals/shop drawings
- Design modifications/revisions as required
- Schedule management
- Testing and documentation
- Inspection and documentation
- Correction of defective work
- Preparation of record drawings



HDR photo logs taken to augment our daily diaries

Document Control

HDR will be responsible for the coordination and filing of the required contract documents. All documents will be filed in accordance with the Caltrans Local Assistance Procedures Manual for conformance with federal contract administration requirements. The County will be copied on all correspondence. Typical documents copied to the County during the contract will include:

- Resident Engineer diaries
- Contractor/Resident Engineer correspondences
- Progress pay recommendations
- Requests for information
- Change order/claim recommendations
- Traffic control and safety issues
- Public relation issues
- Weekly statement of working days

Submittal Management

The contract documents specify submittals to be provided by the Contractor, which are subject to review by the Resident Engineer. When the Resident Engineer receives submittals from the

Contractor, the submittals will be stamped and logged in by the date of receipt. The submittals will then be promptly reviewed and distributed to the designer, the County, and the HDR construction management team as required for approval/review. Typical submittals reviewed include material submittals, shop plans, traffic control plans, working drawings, and CPM schedules.

Request for Information (RFI)

HDR will manage Contractor-requested RFIs during construction. RFIs will be addressed by HDR construction management team, the designer, the County, or others as-needed. The Resident Engineer will log and track the RFIs to assure timely response, conduct meetings with the Contractor and/or others as needed for RFI resolution, and prepare responses to the Contractor.

Traffic Control

Traffic control plans will be prepared by the Contractor, reviewed by the Resident Engineer, and submitted to the County for final approval. In his review, the Resident Engineer will confirm that the plans conform to Nevada County Standards and the CA Manual of Uniform Traffic Control Devices. Emphasis will be placed on public safety, traffic flow, residents' access, and public convenience.

Video Tape and Digital Photography

HDR will document the Contractor's progress through videotaping and digital photography with date and time of the recording included in the imagery. HDR will document all non-compliance issues as well as any other site condition requested by the County.

Utility Coordination

While it is the Contractor's responsibility to coordinate with utilities, the Resident Engineer will take a proactive approach in verifying that the Contractor is scheduling, coordinating, installing, and relocating utilities during the construction contract. A utility coordination meeting will be held prior to beginning work to establish relationships, protocol for coordinating the utility work, and confirming the utility company schedules. Extremely important here is that the Contractor contacts Underground Service Alert (USA) 48-hours before each excavation begins.

Weekly Progress Meetings

HDR will hold weekly progress meetings with County, the Contractor, and other agencies, as required, to identify work completed, to plan and coordinate activities for the coming weeks, to discuss project issues and potential problems, and to facilitate solutions to construction issues. HDR will provide meeting agenda, record and transcribe the minutes of the meetings, assign action items, and distribute/review previous meeting minutes to relevant parties in order to put closure to completed items.

Schedule Management/CPM

The Resident Engineer will review both the construction base schedule and schedule updates to confirm adherence to the Project Specifications and progress of work. Submitted schedules will be noted as acceptable or unapproved (for Contractor resubmittal) with specifics for the rejection (if any). Change order, Contractor delay, and weather impacts will be analyzed to

determine schedule impact. Two-week look-ahead schedules will be requested from the Contractor by the Resident Engineer. In addition, Weekly Statement of Working Days will be developed by the Resident Engineer and submitted to the Contractor. Weekly progress meeting minutes will be recorded.

Project Payments

The Resident Engineer will review the project pay estimate submitted by the Contractor. Each contract pay item will be verified with our field measurement and confirmed by the Inspector Diaries. Quantity justifications for each item of work will be filed independently in the project files. Estimate verification will include any increase/ decrease in cost as a result of approved contract change orders. Once the Resident Engineer has found the payment acceptable, he will submit it to the County for payment.

Contract Change Orders (CCO)

CCOs will be issued to the Contractor on behalf of Nevada County. Our Resident Engineer will evaluate, negotiate, and prepare all contract change orders as directed by the County. In reviewing potential change orders, our Resident Engineer will:

CCO #	DESCRIPTION	Original Est	Payment Method	Prior Approval	CCO to Contractor	CCO signed by Contractor	Time Adjust	Date Approved	Comments
1	Blow off Extension	\$9,000.00	LS	8.22.2011	Directive on 8.23.2011	Resent on 8.16.2012	0	8.22.2011	City is reviewing costs
2	Move Piles	\$15,814.00	Item & LS	8.23.2011	8.23.2011	8.23.2011	0	8.22.2011	Dan is getting costs from sub
3	Remove Existing Abutment Footing	\$2,052.00	Agreed Lump Sum	10.11.2011	10.11.2011	10.11.2011	0	11.3.2011	Approved
4	Drain System #4	-\$3,534.00	LS, Item, FA	10.16.2011	10.16.2011	10.16.2011	0	11.28.2011	Approved
5	Risk Level 2 SWPP	\$10,035.00	LS	8.20.2011	Directive on 8.20.2011	Resent on 8.16.2012	0		
6	Erosion at Abutment Slopes	\$2,500.00	Force Account	8.6.2011	10.18.2011	10.18.2011	0	11.6.2011	Approved
7	Raise SDMW at Abutment Wing wall	\$2,000.00	Force Account	10.19.2011	10.18.2011	10.18.2011	0	12.6.2011	Approved
8	Stage 1 and Stage 2 Combined	\$0.00					0		
9	Element Pole 11B Standard		TBD						
10	EU Flood	\$4,358.00	LS				6.13.2012		
11	Current Total	\$41,895.00							

HDR Photo Logs Taken To Augment Our Daily Diaries

- Keep County informed on status of all CCOs
- Maintain a log of proposed CCOs, indicating actions dates and status
- Identify source of potential CCO (owner-directed, unforeseen site conditions, etc.)
- Determine if the condition is actually a changed condition and document if valid
- Coordinate with County and the County's design team regarding impacts to the design
- Independently evaluate cost and schedule impacts of CCO, and document findings
- Determine if extra working days are warranted due to schedule critical path impacts
- Evaluate Contractor's CCO cost estimate and schedule impacts and negotiate as necessary
- Prepare CCO documentation for County and Contractor signatures
- Prepare and incorporate the CCO into the progress payment breakdown
- Continually inspect and document work time and materials
- Verify that accurate inspector daily diaries of labor, equipment, and materials agree with the Contractor
- Perform force account calculations based on Section 9-1.03 of the Caltrans Standard Specifications
- Review daily extra work reports promptly

Claims Management

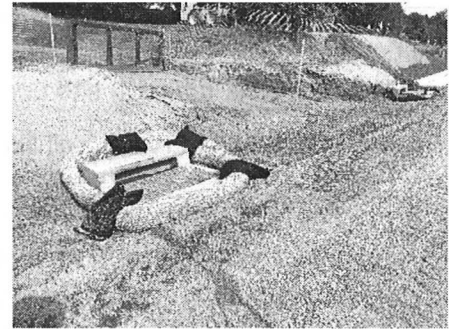
Our Resident Engineer will be responsible to evaluate, log, and prepare documents and supporting evidence in all claims during the construction period. Each claim and supporting

2403 [F]). To verify that the prime Contractor is performing his required share of the work, Local Assistance Form DC-CEM-1201 will be used. The inspector will perform Contractor and subcontractor employee interviews following State and Federal guidelines twice a month. HDR will also verify that the Contractor posts all specified posters, notices, and wage determinations at the job site.

Storm Water Pollution Prevention

HDR will take a proactive role in confirming the SWPPP is managed in accordance with the Regional Water Quality Control Board (RWQCB) General Permit. Responsibilities generally include:

- Uploading the required SWPPP documents into the Storm Water Multi Application Reporting and Tracking System (SMARTS)
- Submitting the Notice of Intent and the Notice of Termination
- Reviewing the Contractor's SWPPP Plan for contract compliance and accept/reject
- Placing appropriate BMPs onsite and addressed the BMPs and pollution risk in the SWPPP Plan
- Managing storm water run-off and run-on controls
- Developing a Rain Event Action Plan (REAP) developed 48-hours prior to a rain event probability of 50% or greater
- Confirm that Adherence Numeric Action Level are enforced
- Inspecting and documenting a minimum of every week, immediately before a rain event, every 24 hours during a rain event, and immediately after a rain event
- View "discharge" location within 24 hours of each Rain Event, report illicit discharges, if any
- Inspect and oversee Contractor required repairs and adjustments to project BMPs



SWPPP work in progress
along Combie Road

Material Control

HDR will use the Caltrans Construction Manual for materials testing frequencies incorporated in the work. Materials will either be tested in the field or will come in the form of manufactured materials. Materials will be accepted for use in the work as follows:

FIELD MATERIAL TESTING

For recording of tests, results will be logged. Failed tests that require additional work or replacement will be documented in the log and filed, as will retests. Only work with passing materials tests shall be accepted. Materials testing services that are typically be performed by our subconsultant include:

- Portland Cement Concrete: Compression, Sieve, and SE
- Asphalt Concrete: Sieve, SE, Density and AC Content
- Aggregate Base: Compaction
- Native Material Subgrade: Compaction
- Embankment/Structural Backfill: Compaction, Material Conformance

MANUFACTURED MATERIALS

Manufactured materials will be accepted on confirmation by the Resident Engineer of the materials' conformance to the Project Plans and Specifications based on the manufacturer's data sheet, Certificate of Compliance, and visual verification.

Post-Construction

The post-construction services include project closeout after issuance of substantial completion for the construction Contractor. This task will consolidate punch lists of remaining work, compile record drawing information, and provide one copy of marked-up red-lines of the project drawings to the design consultant.

Punch List/Final Inspection/Final Payment/Project Close Up

In accordance with "Final Inspection" of the contract specifications, after the Contractor has completed all deficient items noted on the final punch list and final clean-up prior to Contractor de-mobilization our Resident Engineer will coordinate all closeout procedures. This includes a final walk-through of the project with the County and other personnel or agencies who have a vested interest in the completed facilities. HDR will advise the County of key milestones such as substantial completion and liquidated damage issues, coordinate closeout procedures, and monitor the Contractor's progress to finalize all project records, complete and correct as-builts, and other documentations required by the contract documents. Ultimately, HDR will prepare and advise the County on final payment and contract documentation.

Claims Management

Our Resident Engineer will be responsible to evaluate, log, and prepare documents and supporting evidence and recommend resolution to County. Each claim and supporting documents will be assembled into a report and submitted to County for their review and use. We will be available to provide additional support if further actions are required after the contract is complete. Claims resolution work, if any, is typically handled in the post-construction service, and will be performed by HDR as an extra work item due to the indeterminate amount of time and effort required.

As-Built Record Drawings

HDR will obtain the Contractor's redline record (as-built) drawings, Operations and Maintenance Manuals, if any, required documents, lien releases, and written warranties. HDR will review and make recommendation to the County regarding final acceptance. On acceptance of the final inspection, our Resident Engineer and Inspector will perform a final review of the record drawings. Once the final review is complete, drawings will be submitted to the County.

Project Records

The original set of all the project construction administration files, including photographs, as mandated by the LAPM and the Construction Manual are to be submitted to the County.



**COUNTY OF NEVADA
COMMUNITY DEVELOPMENT AGENCY
DEPARTMENT OF PUBLIC WORKS**

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CONTRACT: **On-Call Construction Management Services**

TASK ORDER		
BY COUNTY	REQUEST DATE: March 27, 2021	COUNTY TASK ORDER # . 1
	PROJECT TITLE: Award of Task Order #1 to HDR Construction Control Corporation to Provide On-Call Construction Management and Inspection Services for the Soda Springs Road over South Yuba River Bridge Replacement Project	
	Consultant.: HDR Construction Control Corporation	FAX:
	REQUESTED BY: Zachary Lake	FOR DEPARTMENT: Public Works
	REQUEST: CM Services	REQUESTED DELIVERY DATE: 5/1/2021
	PROJECT LOCATION: Soda Springs Road Over South Yuba Bridge	
	DESCRIPTION: Consultant shall provide full construction management services for the Soda Springs Road Over South Yuba Bridge Replacement Project. Services shall be provided throughout the life of the project.	
	See Attached:	
	Soda Springs Road Over South Yuba Bridge Replacement Project – Mini RFP	
	COMPLETED BY CONSULTANT	ESTIMATED DELIVERY: 5/1/2021
COMMENTS:		
COUNTY	AUTHORIZATION TO PROCEED:	
	By: _____ DATE : ____ / ____ / ____ Trisha Tillotson, Director of Public Works	