

LAND USE PERMIT
San Juan County, Colorado

Applicant: Kirstin Brown, Colorado Division of Reclamation, Mining, and Safety	Permit No.
Address: 1313 Sherman St, Rm. 215	
City and State: Denver, CO 80203	Telephone: 970-903-7889

Description of Use: The historic Eclipse Smelter site has been identified as having high levels of lead across an area that is known to have dispersed camping use. The areas below the Animas Toll Road will be covered with clean cover material, while the areas above the road, where the Smelter foundation is located will be blocked off from vehicular access with large boulders.
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Dates and Times of Use: The project is scheduled between July 2021 and October 30, 2021

Location of Use: Historic Eclipse Smelter Site - intersection of County Rd 2 and the Animas Toll Road near Grouse Gulch Trailhead parking, also where County Road 2 crosses the Animas River.

Areas of Concern: Applicant should provide attachments for each relevant area
Land Use Administrator will initial approval if appropriate

Property Ownership	<u> X </u>	Permission of Property Owner	<u> X </u>
Vicinity Map	<u> X </u>	Plans and Drawings	<u> X </u>
Natural Hazards	<u> X </u>	Zoning Compatibility	<u> </u>
Sanitation	<u> </u>	Environmental Impacts	<u> X </u>
Building Permit	<u> </u>	Federal and /or State Permits	<u> </u>
Security	<u> </u>	Emergency Services	<u> X </u>
Parking	<u> X </u>	insurance Coverage	<u> X </u>
Clean Up	<u> </u>	County Road Impact	<u> X </u>
Other	<u> </u>	Other	<u> </u>

Date Application Submitted: 5/4/21	By (signature): Kirstin L Brown <small>Digitally signed by Kirstin L Brown DN: cn=Kirstin L Brown, o=Colorado Division of Reclamation, Mining and Safety, ou=Inactive Mine Program, email=kirstie.brown@state.co.us, c=US Date: 2021.05.04 12:13:18 -0600</small>
Date Permit Issued:	By (signature):
Conditions	
Acceptance of Conditions:	
By (signature):	

Lisa Adair

From: Brown - DNR, Kirstin <kirstin.brown@state.co.us>
Sent: Tuesday, May 04, 2021 12:16 PM
To: Lisa Adair; Willy Tookey; Mark Rudolph - CDPHE; Christin Kapatayes - CDPHE
Subject: Campground 7 - SJC Land Use Permit
Attachments: Camground 7 - county land use permit application._signed.pdf; Campground 7 Bid Schedule.docx; Silverton Visitors Center Pre Bid Meeting Location.pdf; Campground 7 SPEC Conditions - Documented Quote_DRAFT_20210408_MF comments_KB.docx; Campground 7 SHEAP CK comment.docx; ATT1_Campground 7 SOW.pdf; COVID-19 Construction Guidance 040120.pdf; ATT2_XRF sampling results EPA.pdf

Lisa and Willy,

Attached is our Campground 7 Land Use Permit.

Work is scheduled for fall of 2021 - August/September timeframe. We have not bid the work out yet though, so we don't have the timing details yet.

We are updating our consent for access with the Lehmann's currently, but we have consent from the past also.

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Kirstin Brown
Colorado Division of Reclamation, Mining and Safety
450 Legends Drive
Durango, CO 81301
(970) 903-8653 new cell number
kirstin.brown@state.co.us

Return by July 13th, 2021 at 4:00 P.M. to:

Receipt of Addenda
Nos. _____ is hereby
acknowledged

Submit Bids via ColoradoVSS:

<https://codpa-vss.cloud.cgifederal.com/webapp/PRDVSS2X1/AltSelfService>

or by email to: dnr_drms_imrp_bids@state.co.us

Submitting Bids by mail or fax is not permitted.

BPM D Campground 7 PROJECT
Bid Schedule
2021 - ****

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
A.	Special Requirements – HAZWOPER 40 hr training certificates	Na	Na	Na	Na
1	Mobilize/Demobilize	1	Job	\$	\$
2	Project Safety, Health and Environmental Action Plan	1	Job	\$	\$
3	S-Fence	400	Linear Feet	\$	\$
4	Cover Material	700	Cubic Yards	\$	\$
5	Boulders	30	Per Boulder	\$	\$
6	Revegetation	1	Acre	\$	\$
7	Additional Equipment Time – Not Guaranteed	5	Hours	\$	\$
GRAND TOTAL				\$	

Contractor _____ Date _____

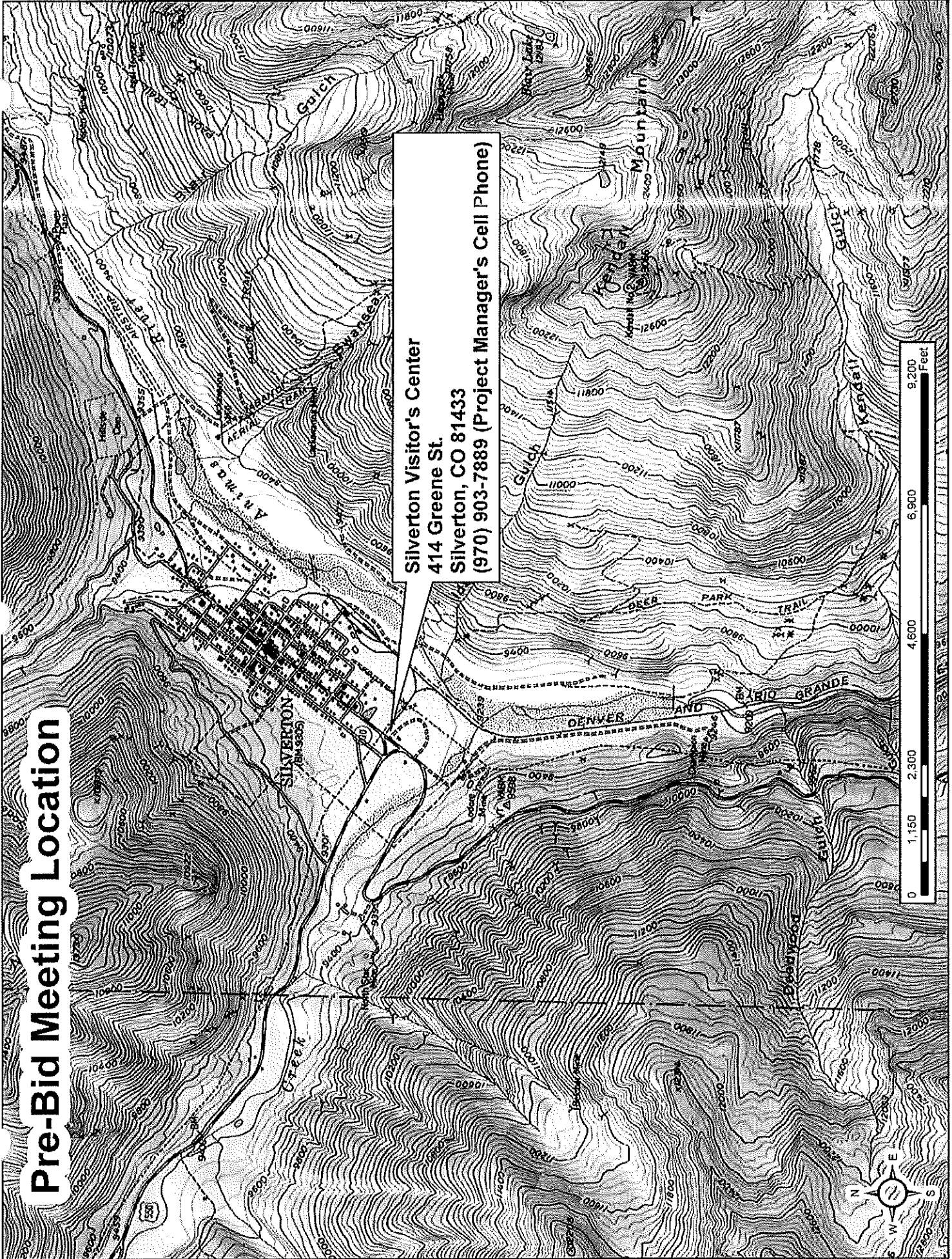
Signature _____ Phone _____

Address _____

**DO NOT AMEND ANY PART OF THIS BID SCHEDULE
ALL PAGES OF THIS BID SCHEDULE MUST BE RETURNED
ALL LINES ITEMS MUST BE COMPLETED**

Pre-Bid Meeting Location

Silverton Visitor's Center
414 Greene St.
Silverton, CO 81433
(970) 903-7889 (Project Manager's Cell Phone)





COLORADO

Division of Reclamation,
Mining and Safety

Department of Natural Resources

DATE: April 19, 2021

TO: Interested Contractors

FROM: Kirstin Brown, Division of Reclamation Mining and Safety

RE: BPMD Campground 7 Project

Enclosed is a brief description and bid schedule for the BPMD Campground 7 Project.

PROJECT LOCATION

Campground 7 is a dispersed camping area located near the ghost town of Animas Forks, 10 miles north of Silverton, Colorado in San Juan County. The dispersed camping area is where County Road 2 crosses the Animas River near Grouse Gulch. This site is also a trailhead for the Grouse Gulch trail that eventually meets up with the trail to the top of Handies Peak, a popular 14,000 foot peak in Colorado. See Attached Maps.

WORK SUMMARY

Campground 7 is the historic Eclipse Smelter site and has soil lead concentrations that exceed human health and safety levels. Lead concentrations have been measured as high as 9,500 ppm. The Eclipse Smelter is an eligible historic site because of the platforms, foundations, and charcoal and flux stockpiles as well as the site's great informational potential. The road that passes through this site is known as the Animas Toll Road, and is also an eligible historic resource. Due to the sensitive archaeological nature of the site, an archaeological monitor will be on-site periodically to ensure the site is left intact.

The site will be reclaimed by preventing vehicular camping access across the site. Large boulders placed along the Animas Toll Road will be sufficient to prevent access to camp on the site because the slopes (5-20%) on the hillside near the Smelter are not amenable to camping currently. Below the road and toward the river, where slopes are near level, the soils high in lead will be covered with clean soils with a lead content of 2,100 ppm or lower. The covered areas will be revegetated with native plants species, including willows. All cover material will be generated on site from the private land on the Forest Lily mineral survey #4835. Boulders will be placed along the downhill side of the Animas Toll Road and along County Road 2 to prevent vehicular access across the site and to better define the trailhead parking for Grouse Gulch to protect the reclamation area and the surrounding areas.

PRE-BID MEETING



The pre-bid meeting is scheduled for Thursday, June 24th, 2021 at 11:00 a.m. at the Silverton Visitors Center at 414 Greene St, Silverton, Colorado. In order to ensure compliance with ongoing efforts to stop the spread of COVID-19, the pre-bid meeting for the BPMD Campground 7 Project will be held on-site at multiple time intervals to ensure the recommended group size of less than 10 people is met. Interested parties must pre-register to attend the pre-bid by emailing Kirstin Brown at kirstin.brown@state.co.us by 5:00 PM on June 22nd, 2021. Once you have expressed an interest in the project by registering, you will be emailed specific information regarding the project and details for attending the pre-bid meeting. Pre bid meeting times will be assigned on a first come/first served basis. Masks and social distancing (minimum 6ft distance between attendees) are REQUIRED for attendance at the pre-bid meeting.

Each individual may represent him/herself or a single company at the virtual pre-bid for the purpose of bidding.

Please review Meeting Requirements PRIOR to the meeting. All interested bidders MUST attend. *Bidding documents must be obtained prior to the pre-bid meeting.* Any Documents that cannot be loaded to the VSS System are the ONLY documents that will be distributed at the Pre-Bid Meeting.

SPECIAL REQUIREMENTS

The contractor must show training certificates of OSHA HAZWOPER 40 hour training for all employees that will work on the site.

BID SUBMISSION AND EVALUATION

Bidders are cautioned that, notwithstanding any remarks or clarifications given at this meeting and site showing, all terms and conditions of the contract documents remain unchanged unless they are changed by written amendment issued by the OWNER. If the answers to questions, or any amendment to the contract documents create ambiguities, it is the responsibility of the bidder to seek clarification prior to submitting a bid.

BID SUBMITTAL DATE

The Deadline for all bids to be submitted is no later than 4:00 p.m. on Tuesday, July 13th, 2021.

All bids need to be submitted by VSS or email.

Bids submitted by email shall be sent to: dnr_drms_imrp_bids@state.co.us

Bids can also be submitted electronically via Colorado Vendor Self Service (ColoradoVSS) at the following link: <https://codpa-vss.cloud.cgifederal.com/webapp/PRDVSS2X1/AltSelfService>. You can find more information on how to submit solicitations here at the following link: <https://vss.state.co.us/instructions/solicitations>.

A responsive bid must include the following, properly completed:

- Bid Form
- Bid Schedule
- List of Equipment

BID OPENING DATE

The Bid for this project will be opened on Wednesday, July 14th, 2021 at 10:00 a.m.

A written tabulation of the Documented Quote (DQ) results will be available to those bidders who submit an email address or a clearly-visible, self-addressed, stamped envelope with their bid. Please allow two weeks for receipt of DQ results. **Telephone requests cannot be honored because of time constraints.**

PROJECT DATES

The project is scheduled for construction between September 13th, 2021 and October 1st, 2021. This includes ten (10) days mobilization time. These dates are tentative and may change.

TIME OF COMPLETION

The time of completion allowed for the project is 19 calendar days after receipt of the Notice to Proceed. This includes ten (10) days mobilization time.

BID BOND

Bid Bond. No Bid Bond required for Documented Quotes.

PERFORMANCE AND PAYMENT BONDS

A Performance and Payment bond **is** required if the amount bid is \$150,000.00 or greater. The CONTRACTOR shall furnish a labor and material payment bond for 100 percent of the original contract price and a performance bond for 100 percent of the original amount of the contract. The bonds are required by State Law, Title 24-105, 202-203, C.R.S., as amended. The bonds shall be submitted using the State forms. A certified or cashier's check or bank money order may be accepted in lieu of the bonds. If a surety other than a bond is used, the State will hold fifty percent (50%) of the surety until the final settlement date and fifty percent (50%) for six (6) months after the final settlement date.

BID AWARD

Award will be made with reasonable promptness, by written notice to the low responsive and responsible bidder whose bid meets the requirements and criteria set forth in the Invitation for bid. These criteria will include, but not be limited to the lowest GRAND TOTAL PRICE, corrected if necessary for errors in price extension and/or addition, on the Bidder's equipment if a List of Equipment Offered is required with the bid, and capability to meet the performance time requirements. The GRAND TOTAL PRICE will be used for comparing bids only.

To be considered responsive and responsible, bidders may not have a Below Standard "(1)", OVERALL (averaged) performance rating in the Colorado Contract Management System (CMS), for any construction project completed for Colorado in the last five years, per C.R.S. 24-105-1(2)

NOTICE OF AWARD AND EXECUTION OF DOCUMENTS

NOTE: As of 4/15/2018 all Vendors are now required to complete & return an EFT form unless they currently have a valid form on file.

A Notice of Award will be sent to the apparent low bidder within a reasonable time following the bid opening. The Division of Reclamation, Mining and Safety must receive the following by the date specified in the award letter:

- (a) Fully-executed Performance and Payment Bonds, accompanied by appropriate Power of Attorney, effectively dated, if required;
- (b) Certificates of Insurance showing proof of required coverage and Additional Insured Endorsement;
- (c) *AML Contractor Ownership and Control Form*;
- (d) *Minority (MBE)/women (WBE) Business Participation form*;
- (e) Completed W-9 forms, if required;
- (f) Project Schedule;
- (g) Completed EFT Form

If the above documents are not submitted properly by the date specified in the award letter, the Division of Reclamation, Mining and Safety may elect to award the project to the next lowest bidder.

The apparent low bidder must submit a certificate of insurance with the following limits:

THREE-WAY AGREEMENT

A three way "Agreement for Reclamation Activities" **is not required** for this job. Please see Article 4 of the *General Conditions* for the applicable insurance requirements.

INSURANCE

A. The CONTRACTOR shall obtain at his own expense, and maintain at all times during the term of this contract, insurance listed below. Proof of insurance must be submitted on certificates showing the following minimum coverage:

- 1) Worker's Compensation Insurance as required by state statute, and Employer's Liability Insurance covering all of contractor's employees acting within the course and scope of their employment.
- 2) Commercial General Liability Insurance written on ISO occurrence form CG 0001 10/93 or equivalent, covering premises operations, fire damage, independent contractors, products and completed operations, blanket contractual liability, personal injury, and advertising liability with minimum limits as follows:
 - a. \$1,000,000 each occurrence;
 - b. \$1,000,000 general aggregate;
 - c. \$1,000.00 products and completed operations aggregate; and
 - d. \$50,000.00 any one fire.

If any aggregate limit is reduced below \$1,000,000 because of claims made or paid, the CONTRACTOR shall immediately obtain additional insurance to restore the full aggregate limit and furnish to the State a certificate or other document satisfactory to the State showing compliance with this provision.

- 3) Automobile Liability Insurance covering any auto (including owned, hire and non-owned autos) with a minimum limit as follows: \$1,000,000 each accident combined single limit.

The Certificates of Insurance and insurance policies required above shall be subject to the following stipulations:

- B. The State of Colorado shall be named as additional insured on the Commercial General Liability Policy (leases and construction contracts will require the additional insured coverage for completed operations on endorsements CG 2010 11/85, CG 2037 or equivalent). Coverage required of the contract will be primary over any insurance or self-insurance program carried by the State of Colorado.
- C. The Insurance shall include provisions preventing cancellation or non-renewal without at least forty-five (45) days prior notice to the State by certified mail.

- D. The CONTRACTOR will require all insurance policies in any way related to the contract and secured and maintained by the contractor to include clauses stating that each carrier will waive all rights of recovery, under subrogation or otherwise, against the State of Colorado, its agencies, institutions, organizations, officers, agents, employees and volunteers.
- E. All policies evidencing the insurance coverages required hereunder shall be issued by insurance companies satisfactory to the State.
- F. The CONTRACTOR shall provide certificates showing insurance coverage required by this contract to the State within ten days of the notice of award. No later than 15 days prior to the expiration date of any such coverage, the CONTRACTOR shall deliver the State certificates of insurance evidencing renewals thereof. At any time during the term of this contract, the State may request in writing, and the CONTRACTOR shall thereupon within 10 days supply to the State, evidence satisfactory to the State of compliance with the provisions of this section.
- G. Subrogation Waiver: All insurance policies secured or maintained by CONTRACTOR or its Subcontractors in relation to this Contract shall include clauses stating that each carrier shall waive all rights of recovery under subrogation or otherwise against CONTRACTOR or the State, its agencies, institutions, organizations, officers, agents, employees, and volunteers.

Bidders are advised to consult with their insurance carrier concerning these requirements. Submit a bid only if you are prepared to complete these requirements.

RETAINAGE

If the bid amount is \$150,000.00 or over, five percent (5%) retainage will be withheld until the project has been satisfactorily completed and advertised.

LIQUIDATED DAMAGES

The liquidated damages for this project will be \$400.00 per day. Please see *General Bid Specifications 2009*, Article 39.

NOTICE OF CONTRACTOR'S SETTLEMENT

When the project is completed, the CONTRACTOR's settlement will be advertised electronically on Colorado Vendor Self Service (ColoradoVSS).

PROJECT FUNDING

This project is funded by Federal grant money made available to the State of Colorado through the Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division – Bonita Peak IROD Agreement. (CFDA # 66.802.)

SPECIAL REQUIREMENTS – CERTIFIED PAYROLL (Davis-Bacon Act)

The CONTRACTOR shall comply with the wage requirements of the Davis Bacon Act, 40 U.S.C. § 276(a) *et. seq.*, as supplemented by the Department of Labor regulations, 29 CFR Part 5, and any other applicable federal labor or workplace laws (Also known as Certified Payroll). Certified payroll forms must be submitted with all pay requests covering the work performed. The most current wage determinations can be found online at: <http://www.wdol.gov/dba.aspx>

CORA DISCLOSURE

To the extent not prohibited by federal law, this Contract and the performance measures and standards under CRS 24-103.5-101, if any, are subject to public release through the Colorado Open Records Act, CRS 24-72-101, *et. seq.*

HISTORIC PRESERVATION

Campground 7 is the historic Eclipse Smelter site and has soil lead concentrations that exceed human health and safety levels. The Eclipse Smelter is an eligible historic site because of the platforms, foundations, and charcoal and flux stockpiles as well as the site's great informational potential. The road that passes through this site is known as the Animas Toll Road, and is also an eligible historic resource. Due to the sensitive archaeological nature of the site, an archaeological monitor will be on-site periodically to ensure the site is left intact

Areas adjacent to the mine sites often contain related artifacts and structures, such as buildings, tipples, ore houses, headframes and foundations that may be historically significant. Care shall be exercised to avoid any disturbances to these structures and artifacts, in order to preserve their integrity. Existing structures shall not be used as load-bearing devices.

INDEMNIFICATION

CONTRACTOR shall indemnify, save and hold harmless the State, its employees and agents, against any and all claims, damages, liability and court awards including costs, expenses and attorney fees and related costs, incurred as a result of any act or omission by CONTRACTOR or its employees, agents, subcontractors, or assignees pursuant to the terms of this contract.

GENERAL BID SPECIFICATIONS

The Colorado Inactive Mine Reclamation Program *General Bid Specifications 2009*, which include General Conditions, Standard Work Specifications, and Standard Drawings and Figures are intended to complement this Documented Quote. The Documented Quote combined with the *General Bid Specifications 2009* form the complete Invitation and Bid document. Please refer to the Standard Work Specifications for all applicable types of work required in the Documented Quote. Copies of the General Bid Specifications are available at the Pre-Bid Meeting or from the Division of Reclamation, Mining and Safety (CDRMS), 1313 Sherman Street, Room 215, Denver, Colorado 80203 (303) 866-3567.

Work Description

The attached *General Conditions of the Contract and Purchase Order Terms and Conditions* apply to all work.

Campground 7 is the historic Eclipse Smelter site and has soil lead concentrations that exceed human health and safety levels. Lead concentrations have been measured as high as 9,500 ppm. The Eclipse Smelter is an eligible historic site because of the platforms, foundations, and charcoal and flux stockpiles as well as the site's great informational potential. The road that passes through this site is known as the Animas Toll Road, and is also an eligible historic resource. Due to the sensitive archaeological nature of the site, an archaeological monitor will be on-site periodically to ensure the site is left intact.

The site will be reclaimed by preventing vehicular camping access across the site. Large boulders placed along the Animas Toll Road will be sufficient to prevent access to camp on the site because the slopes (5-20%) on the hillside near the Smelter are not amenable to camping currently. Below the road and toward the river, where slopes are near level, the soils high in lead will be covered with clean soils with a lead content below 2,100 ppm, per the Bonita Peak Mining District requirements set by the EPA. The covered areas will be revegetated with native plants species, including willows. All cover material will be generated on site from the private land on the Forest Lily mineral survey #4835. Boulders will be placed along the downhill side of the Animas Toll Road and along County Road 2 to prevent vehicular access across the site and to better define the trailhead parking for Grouse Gulch to protect the reclamation area and the surrounding areas.

ITEM A SPECIAL REQUIREMENTS

The contractor must show training certificates of OSHA HAZWOPER 40 hour training for all employees that will work on the site.

Measurement and Payment

There will be no measurement and no payment for this line item for Special Requirements.

ITEM 1 MOBILIZATION/DEMobilIZATION

This item includes those measures necessary and incidental to move equipment and supplies onto the Project Area, to move equipment within the Project Area, and to complete any other requirements necessary to accomplish the goals of this Project. This item also includes all labor, equipment, and costs associated with demobilization and clean-up of the work site following completion of the Project. Please see Specification 1.0, Mobilization / Demobilization of the *General Bid Specifications, 2009*.

CONTRACTOR *must* comply with the following provisions during performance of this Project: No clearing will be conducted without prior approval of the PROJECT MANAGER and without an approved sediment control / stormwater control structure in place and functional, as required by PROJECT MANAGER, until construction is completed.

CONTRACTOR will dispose of waste materials, including but not limited to refuse, garbage, sanitary wastes, spent solvents; oil and other petroleum products off of the Project Area in accordance with applicable laws and regulations. CONTRACTOR will specify to PROJECT MANAGER proposed methods for all waste collection and disposal, modes of waste transport, and waste disposal facilities and locations CONTRACTOR and subcontractors will use while performing the work, including making any necessary arrangements for waste collection and disposal. Any fees or charges required to be paid for collection, transport or disposal of waste materials shall be paid by CONTRACTOR.

At its expense, CONTRACTOR will comply with all applicable federal, state, and local laws, ordinances, rules and regulations relating to the work, the site, and any materials and/or equipment provided by CONTRACTOR.

Upon completion of the work under this Contract, the CONTRACTOR shall remove all temporary facilities, temporary infrastructure and equipment. The CONTRACTOR shall remove from the work site all rubbish, unused materials, and leave all areas in good order and condition, subject to the approval of the PROJECT MANAGER.

Upon completion of the work, the Animas Toll Road (County Road 26) will be left in a similar condition to how it was found. The road prior to construction has some large rocks in the road bed which create enough obstacles to prevent unnecessary vehicle traffic on the Animas Toll Road (County Road 26). Surrounding landowners, including the Bureau of Land Management would like the road remain in the same or similar condition upon completion of construction.

NOXIOUS WEEDS

In an attempt to mitigate the rampant spread of noxious weeds from one area to another, there will be a mandatory inspection of all equipment to be used during the course of construction at the project site. Prior to inspection, it is the responsibility of the CONTRACTOR to employ whatever cleaning methods are necessary to ensure that all equipment is free of soil, seeds,

vegetative matter, or other debris that could contain or hold seeds. Equipment shall be considered clean when a visual inspection determines the equipment free of such material. The CONTRACTOR will be required to notify the PROJECT MANAGER in advance of mobilizing equipment on site to arrange for inspection. Disassembly of equipment components will not be required.

As part of Mobilization, the Contractor is required to coordinate with the San Juan County Road and Bridge Department on dates for mobilizing equipment and supplies into Campground 7.

San Juan County Road and Bridge
sjroads@outlook.com
970-387-9932

Measurement and Payment

Payment for Item 1 shall be reflected in a lump sum quote price under Item 1 on the Bid Schedule. Payment shall include all the CONTRACTOR'S expenses for mobilization of equipment to the site, transportation of the equipment within the project area, employee time, labor and materials necessary to accomplish the requirements of this item, compliance with the conditions and requirements described in this item description, and final clean-up of the work place.

Remobilization, if required, will be paid in accordance with the General Bid Specifications Section 1.4.4.

ITEM 2 PROJECT SAFETY, HEALTH, AND ENVIRONMENTAL ACTION PLAN (SHEAP)

The job will involve working around inactive mine features and hazards, and it is the responsibility of the CONTRACTOR to be aware of all OSHA regulations which apply to this contract. This item includes all the CONTRACTORS expenses for employee time, labor, materials, and safety equipment and safety training necessary for preparing and executing a job safety plan. The Successful Bidder will be required to prepare the Project Safety Plan (SHEAP) and submit it for review and approval to the DRMS. The CONTRACTOR is required to develop and implement a Project Safety Plan in conjunction with project implementation. PROJECT MANAGER must receive the Project Safety Plan within five (5) working days of Notice to Proceed date. It is expected that the Project Safety Plan will be comprehensive and sufficiently detailed so that every member of the work crew (including sub-contractors) on site understands their responsibilities and the responsibilities of CONTRACTOR to ensure a safe and injury free work place.

The Project Safety Plan must be submitted via email to:

Kirstin Brown

kirstin.brown@state.co.us

At a minimum, the plan **MUST** provide specific, detailed responses to the following list of safety concerns that are likely to present themselves during the course of Project completion. When developing the Project Safety Plan, please list specific types of equipment to be provided by CONTRACTOR, including subcontractor(s), in order to address the safety concern, or specifically state the actions to be taken by CONTRACTOR, including crew and subcontractor(s) order to address the safety concern.

COVID-19 Requirements: The SHEAP must address concerns related to the spreading of coronavirus. Current State of Colorado or San Juan County Public Health Orders, whichever is strictest, will be enforced during the project implementation. The attached State of Colorado, *Multi-Industry Construction Guidance*, contains specific requirements and suggested practices during construction activities to deal with COVID-19 restrictions.

NOTE that the PROJECT MANAGER may suspend the work, either wholly or in part, for such period or periods as he / she may deem necessary, due to unsafe work practices. The job clock will NOT be stopped in such a circumstance.

Note: *If unusually dry conditions exist at or during the execution of the project, or as directed by the PROJECT MANAGER, a twenty (20) pound fire extinguisher and a large round-pointed shovel with an overall length of at least forty-eight (48) inches or equivalent will be required to be on site at all times.*

Measurement and Payment

There will be no measurement for payment. Payment for this item will be reflected in a lump sum quote under Item 2 on the Bid Schedule. This lump sum quote will cover all costs for developing and implementing the Project Safety Plan or SHEAP, including writing and revising the plan as required, provision and maintenance of safety equipment, conduct of daily safety meetings and all other items necessary and incidental to meeting the specifications of this item and of the Project Safety Plan or SHEAP. Payment shall be made as this item is completed and approved by the PROJECT MANAGER.

ITEM 3 S-FENCE STORMWATER CONTROLS

Install S-fence (or approved equivalent) per manufacturer's specifications below the Campground 7 excavation areas and as directed by the PROJECT MANAGER as temporary stormwater controls during project execution. The estimated amount of S-fence to be installed is 400 linear feet (400'). It is the CONTRACTOR's responsibility to maintain all erosion control measures for the duration of project construction and to remove from the site upon project completion. S-Fence will be placed to minimize the transportation of sediment from the treated areas. Placement of S-Fence will occur prior to and during construction operations. Silt fence shall be ERTEC S-Fence Silt Fence with 18 inch x ½ inch metal rebar, or approved equivalent.

CONTRACTOR will provide and properly install S-Fence at the direction of the PROJECT MANAGER. S-Fence must be installed according to Section 22.4 of the 2009 General Bid Specification. All S-fence will be installed according to the manufacturer's specifications, which are included below. Please see attached maps for S-Fence installation locations.

ERTEC 10" S-Fence Specifications
Perimeter Sediment Control– alternative to silt fence – non-traffic
Sediment Control (S-Fence™)

ERTEC ENVIRONMENTAL SYSTEMS

Chris Liller
Montrose, Colorado
Regional Manager CO, WY, UT
cliller@ertecsystems.com
www.ertecsystems.com
970-596-8928
970-417-4720

Description:

Sediment Control System for non-traffic areas with concentrated flows shall conform to the details shown on the plans and these special provisions and shall be installed around the perimeter of areas with disturbed soil. The intended function of the Sediment Control System is to disperse or spread concentrated water runoff, to reduce runoff velocities and minimize the off-site flow of sediment. Stakes should be positioned every 80 inches along the installation – at segment overlaps.

Installation:

Sediment control filter system shall be installed as follows:

- A. A trench or slot shall be excavated at the downstream perimeter of the site or at elevation contours to a depth of at least 3 inches and at least 2 inches wide. The trench shall be cleared of obstructions including, but not limited to, rocks, clods, and debris greater than 1-inch in any dimension.
- B. Install stakes on downstream side, adjacent to trench, every 80 inches.
- C. Insert Sediment Control System into slot against the downstream wall of trench – then backfill remaining volume with native soil.
- D. Overlap segments by at least 4 inches.
- E. Stakes shall be installed 80 inches apart along the length on the downstream side of the Sediment Control System. Stakes shall be driven 2 inches below the top of the Sediment Control System. Fasten the segments together and to each stake with two or three 1" drywall screws.
- F. The ends of the Sediment Control System shall be dog-legged or angled up-slope to ensure water and sediment containment.
- G. Sediment Control System shall be installed before the application of other erosion control or soil stabilization materials in the same area. The intended function of the Sediment Control System is to disperse or spread concentrated water runoff, to reduce runoff velocities and to capture a very high percentage of flowing sediment. If impaired, the Contractor shall take action to repair the Sediment Control System. Split or torn segments shall be repaired or replaced. Broken or split stakes shall be replaced. Locations where rills and other evidence of concentrated runoff have

occurred beneath the segments shall be corrected. Sediment Control System shall be repaired or replaced within 24 hours of identifying the deficiency.

Measurement and Payment

Measurement will be by the lineal foot of S-Fence installed, maintained during construction and removed upon completion under Bid Item 3. PROJECT MANAGER will measure the lineal feet of S-Fence installed and accepted, and report the measured footage to CONTRACTOR. The price bid shall include all costs for labor, materials, equipment and all other items necessary for provision and installation of the S-fence as described in these specifications. Payment will be made only for the unit price bid in Bid Item 3 of the Bid Schedule, and as work is completed and accepted by PROJECT MANAGER.

ITEM 4 COVER MATERIAL

All cover material will be generated on the Forest Lily, mineral survey # 4835. Cover material will be derived to the south of the Eclipse Smelter site. Please see the attached maps for cover material borrow areas.

The area needing cover material is approximately 25,000 square feet. Approximately 8 to 12 inches of clean cover material will be placed over the area. It is estimated that as many as 700 cubic yards of clean cover material will be needed to cover lead contaminated areas. Cover material, including large rock must be below 2,100 ppm lead to be considered clean. This bid item includes the excavation and placement of cover materials across the approximate 25,000 square foot area with high lead levels.

This bid item also includes the provision that all grades across the area to be covered are sufficient enough to provide proper drainage to prevent ponding across the site.

Measurement and Payment

Measurement will be by the cubic yard of clean cover material excavated and placed across the area. The price bid shall include all costs for labor, materials, equipment and all other items necessary for excavating and covering the area. Payment will be made only for the unit price bid in Item 4 of the Bid Schedule, and as work is completed and accepted by the PROJECT MANAGER.

ITEM 5 BOULDERS

Areas along the project boundaries where camping should be prohibited will be blocked off with large boulders. Boulders will be found on private land on the Forest Lily, mineral survey #4835. Boulders will be used to protect the cover area and revegetation area, the smelter area, and the trailhead parking area. It is estimated that 30 boulders will be necessary to block access to these area off. The boulders must be large enough that they cannot be moved by

hand, generally greater than 3 feet in diameter. Please see attached maps for approximate placement locations for boulders.

Measurement and Payment

Measurement will be by the boulder found and placed at specified areas across the site. The price bid shall include all costs for labor, materials, equipment and all other items necessary for finding, moving and placing the boulders. Payment will be made only for the unit price bid in Item 5 of the Bid Schedule, and as work is completed and accepted by the PROJECT MANAGER.

ITEM 6 REVEGETATION

All areas disturbed during reclamation work and any other areas specified in these Special Conditions will be revegetated according to the Revegetation Specifications in the General Bid Specifications. Seed will be supplied by the OWNER.

WoodStraw mulch will be applied to all disturbed areas at the rate of four (4) tons per acre. Mulch will be provided by CONTRACTOR. Mulch must be evenly distributed over the soil surface, and can be applied to the site by hand or mulch blower. Wood Straw Strands must meet the following specifications:

- Free of weed seed
- Ratio of long strand to short strand, 50:50 by area
- Long strand length: 6.3 inches
- Short strand length: 2.5 inches
- Width: 3/16 inch
- Thickness: 1/10 to 1/8 inch

The estimated area to be revegetated is 1 acre.

Measurement and Payment

Payment for this Item will be made at the unit price established in Item 6 of the Bid Schedule. Measurement for payment will be made per acre of revegetation and mulch. Revegetation areas will be measured to the nearest 0.1 acre and paid at the unit price bid on the Bid Schedule. Payment for this Item will be upon completion of installation and upon approval of the PROJECT MANAGER. Such payment shall be considered full compensation for all labor, materials, equipment and all other items necessary and incidental to the completion of Bid Item 6.

PROJECT OBSERVATION

The PROJECT MANAGER and an ARCHAEOLOGICAL MONITOR will be at the project site periodically to monitor construction activities and ensure that each work item is completed and constructed to design specifications. The PROJECT MANAGER will be available during regular business hours (8:00 A.M. to 5:00 P.M.) on weekdays. Inspections will not be scheduled on weekend days or holidays without prior approval of the PROJECT MANAGER. It is the CONTRACTOR'S responsibility to schedule inspections with the Project Manager so as not to delay the work. The following items must be observed and approved by the PROJECT MANAGER before proceeding with additional work:

1. All access routes must be approved by the PROJECT MANAGER
2. All borrow areas must be approved by the PROJECT MANAGER
3. All boulder placement and boulder sizes must be approved by the PROJECT MANAGER prior to placement
4. All revegetation areas must be approved by the PROJECT MANAGER prior to roughening, seeding and mulching.
5. The Archaeological Monitor must be present at the beginning of the project and whenever operations are within 100 feet of the Smelter site, as defined by the Archaeological Monitor.

ADDITIONAL BID ITEMS

There are included on the Bid Schedule, several additional bid items. These bid items are not guaranteed, and will be used only in the event that conditions change on site, and only after approved by the PROJECT MANAGER. The additional bid items for this project include:

ITEM 7 ADDITIONAL EQUIPMENT TIME

This item includes additional machine time for a tracked excavator with operator to be used for grading, hydrologic control and other earthwork as directed by PROJECT MANAGER. The specified machine must have a minimum operating weight of 20,000 lbs and 65 flywheel horsepower. Equipment time will be accounted for in accordance with Equipment Rental Specifications 19 in the General Bid Specifications, 2009. Equipment time will start as directed by PROJECT MANAGER once the excavator is mobilized to the site. The hours of additional excavator time in Bid Item 7 are NOT GUARANTEED. The estimated quantity of hours that may be required is 5 hours.

Measurement and Payment

Payment for this Item will be reflected under Item 7 of the Bid Schedule as an hourly rate for an Excavator and Operator. Bid hourly rate shall reflect the CONTRACTORS estimate for equipment and personnel cost per hour to complete the Item. Measurement will be actual hours required to complete work as directed and approved by the PROJECT MANAGER. The hours of additional excavator time in Bid Item 7 are NOT GUARANTEED.

STANDARD WORK SPECIFICATIONS

SAFETY, HEALTH, & ENVIRONMENTAL ACTION PLAN RESPONSE ITEMS

The following is a summary list of items that must be addressed in writing by the CONTRACTOR. All items that are checked (☒) apply to the work to be performed and must be addressed in a written plan. Each employee is to read and sign the plan as part of the project orientation prior to starting work on the project.

A. SITE ACCESS

No person may enter the job site without first receiving hazard training from CONTRACTOR'S safety representative.	☒
CONTRACTOR employees are required to travel to and from their work areas by designated routes.	☒
All CONTRACTOR equipment is subject to a safety inspection before entering the job site.	☒
Traffic Control Plan for County Road 2 and Animas Toll Road	☒

B. PART 48 TRAINING REQUIREMENTS

Each CONTRACTOR employee shall receive orientation training, provided by the CONTRACTOR, comprised of all aspects of the contract's Safety, Health and Environmental Action Plan (SHEAP).	☒
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C. SUBSTANCE ABUSE SCREENING

Alcohol and drugs are not allowed on the job site.	☒
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D. PROACTIVE SAFETY

The CONTRACTOR shall designate one person to be the safety representative responsible for safety and health at the work site.	☒
The CONTRACTOR shall conduct safety meetings at least weekly.	☒
All safety meetings shall be documented and include the date, subject matter, trainer and all participants signatures.	☒
Daily pre-job safety talks shall be given by the CONTRACTOR .	☒
Any change in the daily work plan shall be communicated by the CONTRACTOR to all affected personnel.	☒
The CONTRACTOR shall conduct daily work area inspections.	☒
These inspections shall be documented in an approved book.	☒

[Type here]

E. GENERAL SAFETY STANDARDS

Horseplay will not be tolerated.	<input checked="" type="checkbox"/>
Safety glasses, steel toe boots, high visibility vests, and hard hats are required to be worn at all times. This equipment must meet ANSI standards.	<input checked="" type="checkbox"/>
Safety glasses and a face shield or goggles are required when performing any work that generates or could generate flying debris or when this type of work is being performed.	<input checked="" type="checkbox"/>
Trenches and other excavations more than three feet deep must be properly shored or laid back to a 1:1 slope before personnel are allowed to enter.	<input type="checkbox"/>
Procedures for night work shall be established and adequate illumination shall be provided.	<input type="checkbox"/>
During drilling and underground work, a recently calibrated multi gas tester with audible alarm (measuring O ₂ , CO, H ₂ S) shall be used at all times. A record shall be kept of tests.	<input type="checkbox"/>
An MSHA 40 hour underground mine safety training certificate, or a current Underground Miner training certificate, is required for each employee working underground.	<input type="checkbox"/>
Oxygen Generating Self-rescuers must be worn during underground travel. A minimum of two Oxygen Generating Self Rescuers will be provided in the work area for each employee.	<input type="checkbox"/>
Rubber boots or waders shall be provided for each employee working in wet conditions.	<input checked="" type="checkbox"/>
Temperature sensors shall be provided at work locations.	<input type="checkbox"/>
Any diesel powered equipment used underground shall be fitted with a fire suppression system and a 20 pound dry chemical fire extinguisher.	<input type="checkbox"/>

F. ACCIDENT REPORTING

All accidents and injuries must be immediately reported to the Colorado Division of Reclamation, Mining and Safety project manager.	<input checked="" type="checkbox"/>
The CONTRACTOR shall investigate all such occurrences and develop an action plan to prevent their recurrence.	<input checked="" type="checkbox"/>
All investigations shall be documented.	<input checked="" type="checkbox"/>

G. FIRST AID

First aid kits meeting MSHA (CFR 75.1713-7 or 77.1707) requirements shall be maintained in a sanitary condition and placed at all work sites.	<input checked="" type="checkbox"/>
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H. COMMUNICATIONS

The work areas shall have a method to communicate with outside personnel at all time. Personnel will never be allowed to work alone. One person will be stationed outside the portal any time personnel are working in the tunnel.	<input checked="" type="checkbox"/>
All communications will be positive in nature. A response is required.	<input checked="" type="checkbox"/>
Provide an equipment spotter equipped with a radio.	<input checked="" type="checkbox"/>

[Type here]

I. EQUIPMENT OPERATION

Seatbelts shall be used at all times.	<input checked="" type="checkbox"/>
Equipment always has the right-of-way.	<input checked="" type="checkbox"/>
Safe parking procedures (chock blocks, etc.) shall be used at all times.	<input checked="" type="checkbox"/>
All lights, horns, brakes, wipers, back-up alarms and other safety equipment shall be fully operational at all times.	<input checked="" type="checkbox"/>
Each piece of equipment shall have at least one 20 pound portable fire extinguisher.	<input checked="" type="checkbox"/>
All mobile equipment, with the exception of pickup trucks with unrestricted rear view, will be equipped with back-up alarms.	<input checked="" type="checkbox"/>
Mobile equipment shall be equipped with roll-over-protection (ROPS) and/or falling object protection structures (FOPS) as required by MSHA regulations.	<input checked="" type="checkbox"/>
All machinery shall be secured to ensure zero mechanical potential prior to work being performed on the machinery.	<input checked="" type="checkbox"/>
Equipment shall be maintained in safe condition.	<input checked="" type="checkbox"/>
Provide a driller's safety platform.	<input type="checkbox"/>
Inspect hydraulic and pneumatic lines and couplings daily.	<input checked="" type="checkbox"/>
Provide whip checks for all airline connections.	<input checked="" type="checkbox"/>

J. ELECTRICAL SAFETY

Electrical lock and tag procedures are to be used at all times.	<input checked="" type="checkbox"/>
Prepare a plan for working in the vicinity of overhead electrical transmission lines.	<input checked="" type="checkbox"/>

K. SAFE WORK IN ELEVATED AREAS

Fall Protection shall be a full body harness and shock-absorbing lanyard.	<input type="checkbox"/>
Wire rope lanyards are required for cutting and welding operations.	<input type="checkbox"/>
All personnel are to be tied off if working where a fall hazard exists.	<input type="checkbox"/>
Ladder work procedures shall include set up, tie off, inspection and protection from overhead electrical hazards. Only non-conductive ladders are to be used.	<input type="checkbox"/>

L. SCAFFOLDS

Scaffold use requires an approved plan.	<input type="checkbox"/>
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[Type here]

M. AERIAL LIFTS

Personnel must be tied off at all times when working in man baskets.	<input checked="" type="checkbox"/>
Provide rigging and signaling procedures for helicopter work.	<input type="checkbox"/>

N. CRANE REQUIREMENTS

Inspection and annual certification records must be provided.	<input type="checkbox"/>
Proper Rigging Procedures and inspection of lifting devices shall be standardized.	<input type="checkbox"/>
Tag lines shall be used at all times.	<input type="checkbox"/>
Ground persons shall be used at all times.	<input type="checkbox"/>
Signals shall be standardized and used at all times.	<input type="checkbox"/>
Overhead line clearances shall be checked before working.	<input type="checkbox"/>

O. HEALTH CONSIDERATIONS

Sanitary bathroom facilities shall be provided and maintained.	<input checked="" type="checkbox"/>
Sanitary potable water facilities shall be provided and maintained.	<input checked="" type="checkbox"/>
Inhalation hazards shall be minimized at all times through engineering and administrative controls.	<input checked="" type="checkbox"/>
Dust. Lead and Arsenic dust may be generated while working on the site, care should be taken to avoid inhalation of dust.	<input checked="" type="checkbox"/>
Gases.	<input checked="" type="checkbox"/>
Vapors.	<input checked="" type="checkbox"/>
Paint.	<input type="checkbox"/>
Engine exhaust.	<input checked="" type="checkbox"/>
Solvents.	<input type="checkbox"/>
Oxygen deficiency.	<input type="checkbox"/>
Welding fumes.	<input type="checkbox"/>
Ventilation and respiratory protection plan.	<input checked="" type="checkbox"/>
Lead and chromate paints are prohibited.	<input type="checkbox"/>
Other health hazards specific to this job: _____	<input type="checkbox"/>

[Type here]

P. ENVIRONMENTAL: LIQUID WASTES

Methods approved by Colorado Division of Reclamation, Mining and Safety shall be used to eliminate the possibility of water pollution caused by spills of materials and sedimentation run-off.	<input checked="" type="checkbox"/>
Methods approved by Colorado Division of Reclamation, Mining and Safety shall be used to prevent spill hazards at bulk storage areas for fuels, oils, or other fluids.	<input checked="" type="checkbox"/>
All used fluids will be drained into clearly marked DOT containers.	<input checked="" type="checkbox"/>
Under no circumstances will fluids be allowed to drain onto the ground.	<input checked="" type="checkbox"/>
Equipment fueling and service procedures will not be performed on topsoil.	<input checked="" type="checkbox"/>
EPA Prevention and Control Procedures are to be followed in the event of an accidental spill.	<input checked="" type="checkbox"/>
All employees shall be trained by the CONTRACTOR in spill prevention, cleanup and disposal of all wastes.	<input checked="" type="checkbox"/>
All spills must be reported to Colorado Division of Reclamation, Mining and Safety Personnel Immediately.	<input checked="" type="checkbox"/>
Reportable spills will be handled by the CONTRACTOR in accordance with State of Colorado And EPA regulations.	<input checked="" type="checkbox"/>

Q. ENVIRONMENTAL: SOLID, NON-HAZARDOUS WASTES

Construction debris and excess materials shall be disposed of in a container clearly marked "TRASH".	<input checked="" type="checkbox"/>
Trash containers must be covered at all times to prevent wind-blown litter.	<input checked="" type="checkbox"/>
Employees must be instructed by the CONTRACTOR in procedures used to segregate hazardous and non-hazardous wastes.	<input checked="" type="checkbox"/>
All disposal activities must comply with federal and state regulations.	<input checked="" type="checkbox"/>

[Type here]

R. ENVIRONMENTAL: HAZARDOUS WASTES

Contractor is responsible for all sampling, testing, and analysis of unknown waste streams.	<input checked="" type="checkbox"/>
<u>Disposal of hazardous waste is the responsibility of the CONTRACTOR .</u>	<input checked="" type="checkbox"/>
Contractor generated wastes such as equipment/machine oils, fuels, oily debris, residue paints, solvents, and containers containing same shall be cleaned and disposed of in compliance with all local, state, and federal regulations.	<input checked="" type="checkbox"/>
All containers will have CONTRACTOR 's name clearly marked on the containers.	<input checked="" type="checkbox"/>
Aerosol cans, oily rags, solvents and waste lubricants shall be segregated into separate containers.	<input checked="" type="checkbox"/>
All drums will be stored in an upright positon, on pallets or similar device to facilitate observation for leaks, corrosion or damage.	<input checked="" type="checkbox"/>
All products used on job site must be approved by Colorado Division of Reclamation, Mining and Safety prior to their use and an MSDS kept at the site.	<input checked="" type="checkbox"/>

S. FIRE PROTECTION

Specific procedures must be developed by the CONTRACTOR to ensure that fire hazards are addressed and controlled.	<input checked="" type="checkbox"/>
Use, storage and segregation of flammable and combustibile materials must be in accordance with NFPA regulations.	<input checked="" type="checkbox"/>
Contractor will immediately notify Colorado Division of Reclamation, Mining and Safety project manager of any fire emergency.	<input checked="" type="checkbox"/>
Provision for fire response must be addressed in plan approved by Colorado Division of Reclamation, Mining and Safety.	<input checked="" type="checkbox"/>
Hot Work Procedures will be used to ensure welding, cutting and grinding safety.	<input checked="" type="checkbox"/>
These procedures shall include grinding, welding and cutting safety, bottle handling and storage, training for employees expected to perform welding and cutting, fire watch procedures, and personnel protection during these operations.	<input checked="" type="checkbox"/>
Compressed gas cylinders must be stored in upright position, secured to prevent falling, regulators guarded on all sides.	<input checked="" type="checkbox"/>
Oxygen and Acetylene cylinders not in used must be shut off, pressure bled from hoses, regulators.	<input checked="" type="checkbox"/>
Fire extinguishers must provided for all mobile equipment and at all areas where hot work is being performed.	<input checked="" type="checkbox"/>
Fire extinguishers must be maintained and inspected in accordance with MSHA/OSHA regulations on/in all mobile equipment.	<input checked="" type="checkbox"/>

Costs for these measures will not be itemized and must be included within the bid schedule items.

The CONTRACTOR should provide a signature block similar to the one below that each employee can sign to verify that they have read and understand the safety aspects of the project, and accept the provisions of the

[Type here]

The above information was reviewed, received, and understood.

Contractor Representative:

Signature

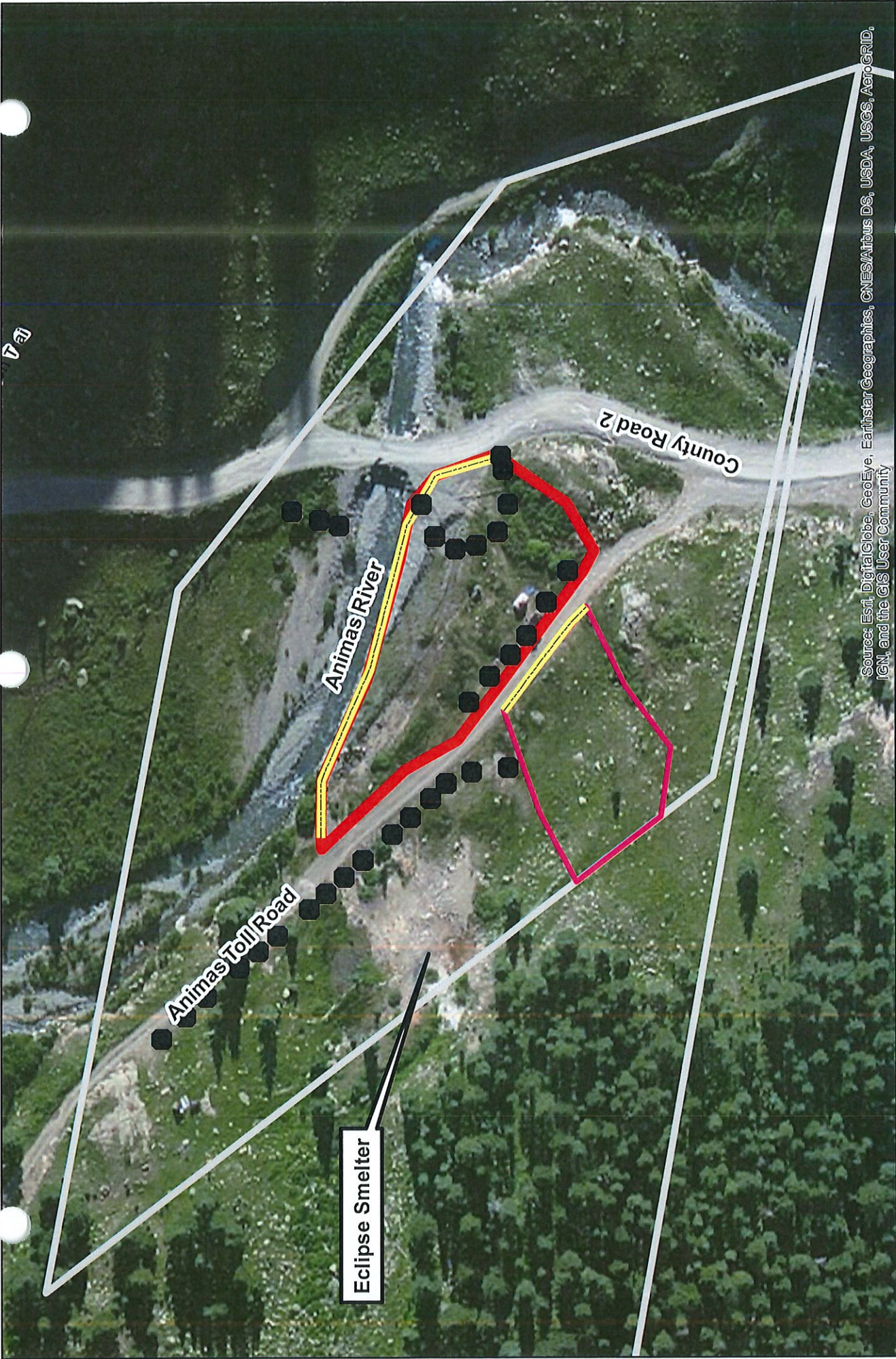
Date

Employee:

Signature

Date

[Type here]



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

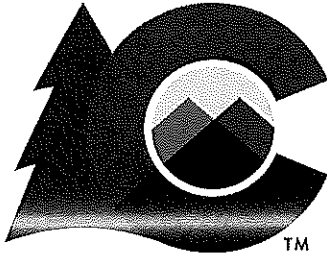
Legend

-  boulders
-  borrow area
-  S-Fence
-  cover area
-  Private Land Bound

Campground 7 - IROD Construction

CODRMS
Kirstin Brown
3/2/21





Coronavirus Disease 2019

COVID-19

MULTI-INDUSTRY CONSTRUCTION GUIDANCE

Introduction

Construction worksites, projects and companies are **not exempt** from Social/Physical Distancing Requirements, even if compliance means added cost. Hygiene protocols are **strictly required**. Moreover, people who are sick or at high risk of severe illness from COVID-19 **must not travel to work, even if they work for a critical business**. This guidance clarifies how social and physical distancing requirements should be applied to the construction sector during the “Safer-at-Home” period, recognizing certain aspects of this workplace environment that make it unique from other sectors explicitly addressed in the Safer-at-Home public health order.

Social/physical distancing on construction worksites

Critical functions, including construction, work **MUST** comply with social/physical distancing requirements. The following practices are important for applying social distancing to a construction worksite setting:

- **Reduce size of work crews:** Teams should reduce the number of people in each work crew to the minimum number of people possible to perform the task safely, even if the reduction of crew size means the job takes longer.
- **Minimize interaction between work teams:** Even groups within the same project should avoid interaction across groups, to minimize possible viral spread if one worker contracts COVID-19. Approaches to avoiding contact between groups may include staggered shifts, compressed work weeks where different teams work different days, and maximizing geographic distance between different teams working on the same project.
- **Avoid contact with visitors:** Visitors outside the typical work crew should avoid interaction with the team wherever possible. For example, if an inspector or materials delivery needs to enter the site, they should alert the work team (e.g. by honking the horn of their vehicle twice or through another established communication means) so that the work team can vacate the site while the external parties are present.
- **Maintain a 6-foot distance between employees wherever possible:** Construction teams should make every effort to limit activities that cannot be performed within 6 feet of distance between workers. However, some core construction activities may require some proximity to complete (e.g., concrete pours, utility potholing, work in cranes, drainage pipe construction, among others). In these cases, construction crews must employ other aggressive measures to limit contact. Examples include requiring employees to face away from each other, the use of supplemental Personal

Protection Equipment (PPE) like face shields or respirators, minimizing the number of people on a team, and retaining consistency within work teams to limit contact with parties external to that team.

- **Office work should be done remotely, whenever possible:** Office functions associated with a project (e.g. accounting or records) should be done from home to the maximum extent practicable.
- **In-person meetings should be avoided:** Office meetings and consultations should take place virtually, with participants working from home or their work truck, whenever possible. If an in-person meeting is absolutely necessary, that must be limited to fewer than 10 people, and participants must maintain 6-foot distance at all times during the meetings. All surfaces should be wiped down before and after the meeting, and hand washing should also occur before and after the meeting.
- **Workers must not congregate during breaks:** Construction workers should not congregate for lunch or other breaks.
- **Activity specific work plans:** Contractors should consider all job activities and review how they can be accomplished using necessary physical distancing and sanitation protocols.

Hygiene protocols

Strict hygiene protocols must be utilized with all equipment and surface areas that are commonly touched. Operators of light and heavy duty equipment, specifically, must:

- **Clean commonly touched surfaces before and after operation:** *Cleaning:* refers to the removal of germs, dirt, and impurities from surfaces. Cleaning does not kill germs, but by removing them, it lowers their numbers and the risk of spreading infection. Cleaning is typically performed using soap, detergents, cleansers and clean water before using a disinfecting method. Commonly touched surfaces, include but are not limited to: door handles and grab bars, instrument panels, steering wheels, devices such as cell phones;
- **Follow cleaning activities with an approved disinfectant:** refers to using chemicals to kill germs on surfaces. This process does not necessarily clean dirty surfaces or remove germs, but by killing germs on a surface after cleaning, it can further lower the risk of spreading infection. Disinfecting is typically performed using approved commercial or household disinfecting solutions. For a list of CDC-approved disinfectants against viruses (including COVID-19 virus), see: <https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2>
- **Use of personal protective equipment for hygiene and safety:** employees should wear all standard worksite personal protective equipment (PPE), especially eye protection and gloves, as well as other standard safety equipment (e.g. reflective vests or jackets). In addition, workers should wear a mask or cloth face covering at other times if consistent with OSHA and other applicable safety requirements. PPE may not be shared between members of a work team.

Monitoring employee health and avoiding travel for high-risk personnel

- It is critical that individuals DO NOT report to work while they are experiencing illness symptoms including fever, cough, shortness of breath, sore throat, runny/stuffy nose, body aches, nausea, chills, or fatigue. If an employee does experience any of these symptoms, they will notify their

foreman or supervisor immediately so that appropriate follow-up actions can be taken. A screening tool for employees can be found on the [CDPHE COVID-19 resources web page](#).

- People at high risk of severe illness from COVID-19 are urged to stay in their **residence at all times** except as necessary to seek medical care. People who are sick must stay in their residence except as necessary to seek medical care and must not go to work, even at a **critical business**.
- Any worker displaying possible COVID-19 symptoms may not participate in construction work.
- Construction firms should implement symptom monitoring protocols (including workplace temperature monitoring and symptom screening questions) where possible. Best practice is to implement a temperature check station at the entrance to the construction site. If this is not practicable, employees will check for symptoms at home and report symptoms either electronically or on paper per the system created by the construction firm. Resources are available on the [CDPHE COVID-19 resources web page](#). Per the public health order, employers must retain the screening logs for at least 3 months and provide them to public health upon request.
- Individuals should also seek medical attention if they develop these symptoms by first calling their primary care provider or urgent care center.
- A sick employee must not return to work until they have been home for 10 days since symptom onset, are feeling better and are without a fever (without the help of medication) for 72 hours. A note from a medical provider is not necessary for returning to work if the employee meets these criteria.

Focus on the most necessary activities

- Not all construction activities are of equal urgency. Consider factors such as:
 - Whether the project is under construction already and thus requires active traffic management (in the case of a transportation project) or other work zone safety measures that benefit from ongoing activity;
 - Whether deferral of a start date on a project would undermine public safety or continuity of operations for critical infrastructure;
 - Whether the project can feasibly be done with social distancing measures as detailed above.
- **Consider deferring non-essential work:** All project sponsors, public and private, are encouraged to provide flexibility to construction contractors to enable them to delay work during the COVID-19 pandemic. For small projects, especially residential projects such as home renovations, businesses and homeowners are strongly encouraged to provide construction contractors with flexibility to defer work as necessary.
- **Safe shutdown of work:** When a project or project phase must be shut down due to the pandemic, care should be taken that the project site is left in a safe condition. Traffic control devices must continue to be inspected and maintained, so it is a best practice to minimize their need and use when a project is temporarily inactive.



Legend:

- ▲ Lead Screening Values (ppm)
- ▲ Waste Rock and Soil
- ▭ Areas of Interest

Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere
Projection: Mercator Auxiliary Sphere
Datum: WGS 1984

Source:

Background: Google Earth (2019)

Prepared for:
U.S. EPA - Region 8

Contract: EP-S8-13-01
TO/TDD: 0001/1908-07



Prepared By:
Weston Solutions, Inc.
START IV
Suite 100
1435 Garrison St.
Lakewood, CO



FIGURE 6
CAMPGROUND 7
CONCEPTUAL DESIGN MAP
BONITA PEAKS CHARACTERIZATION &
IROD DESIGN
SILVERTON, SAN JUAN COUNTY, CO

Date: 1/9/2020