

**TERMS, CONDITIONS, AND SPECIFICATIONS
SAGUACHE COUNTY PROJECT NO. 21-001
2021 GRAVEL CRUSHING SERVICES**

1. Prior to commencement of crushing operations at any awarded site as designated pit, hereinafter referred to as the "Pit", the Contractor shall remove and stockpile topsoil and overburden from the undisturbed areas at a mutually agreed upon on-site location. Removed materials are estimated to be no deeper than one (1) foot in depth.

2. Final quantities will be those ordered in the contract. All piles will be measured by the Engineer to verify at least the ordered quantity is produced. The Contractor can hire an engineer of his choice to make measurements and compare with the Engineer. Measurements will be made available to the Contractor for his review. The Contractor will also keep a daily log of bucket counts of product placed in the pay piles or will provide an accurate belt scale with daily readings for interim estimate quantities. The Contractor will construct the piles in a neat and uniform manner to facilitate accurate final measurements.

3. The Contractor will supply the Engineer with copies of "Emission Permits" issued by the Health Department for his/her crushing plant(s). The Contractor will also supply evidence that the Mine Safety and Health Administration (MSHA) has been notified of the crushing plant's location. Crushing operations are no to begin until these requirements are completed.

4. Material Requirements: The County is requesting two (2) useable products. The location is a county owned and permitted pit. The County will assume all reclamation responsibilities. All mining operations will be in accordance with the Mining Permits issued for the site. Copies of the permit are available in the Road and Bridge Department Office for review by the Contractor prior to bidding. The Contractor will leave each work area in a neat workmanlike manner.

The following is a breakdown of the quantities planned at each location.

<u>Location</u>	<u>HBP (EX) (MOD)</u>	<u>1/2." Chips</u>
Cooper Pit	75,000 tons	7,500 tons

5. The Contractor shall perform dust control and abatement work at all times during the material removal and crushing operations, routinely and as required additionally (by the State and/or Local Authorities) to avoid fugitive dust emissions.
6. The County owns all crushing sites and therefore the contractor will not pay royalty on materials produced on the site for this contract. All materials produced whether paid for as part of the specification materials, property of the County upon the contract or not, including reject piles, out and any other materials produced shall remain payment to the Contractor for the contract items.
7. Right of Access (Ingress & Egress)
 - a) The Contractor shall have the right of access to and from the pit(s) and shall be authorized to undertake obligations of this project. The Contractor shall not be gravel extraction or reclamation upon right of access to and from the pit(s) and all activities necessary to carry out its responsibility to obtain any permit for the term of this contract.
 - b) The County shall have the right of reasonable ingress and egress at all times to the pit(s) and the Contractor's operations.
8. Work Hours: No restriction of work hours are placed upon the Contractor. Equipment failure or lack of sufficient labor shall not be used as reason(s) for lack of production. Time extensions will be granted only for unseasonable weather conditions outside the normal range of conditions for the area(s). Time extensions must be requested in writing by the Contractor.
9. Time limits and liquidated damages: Time on this project will be fixed calendar dates. Due to the fact that the County needs to be assured of having enough material to accomplish its 2021 construction program, liquidated damages will be charged should the contractor fail to complete the overall project on time.
10. Contractor shall level and stack HBP aggregate in layers with no layer greater than 10' in depth to minimize segregation. All stockpile sites shall be leveled prior to placement of materials. The footprint on all stockpiles shall be minimized. All materials shall be stockpiled by methods in such a manner to minimize segregation. Free fall from stacker belts shall be kept to a minimum.
11. Prior to issuance of the "Notice to Proceed" by the County, a pre-construction meeting shall be held to coordinate and schedule gravel crushing activities. The Contractor shall be responsible for updating and distribution of monthly work schedules for the duration of the contract.
12. Measurement and Payment: Crushed gravel materials will be measured as explained in section 2 of the Terms, Conditions and Specifications and shall be paid for by the ton of material ordered and produced at each site. Unit weights used for conversion from volume measurements to tons shall be as follows:

HBP aggregate

stockpile unit wt. = 115 lbs/cu.ft.

Payment for materials produced shall be made on a monthly basis. Quantities for interim estimates will be those determined from buck counts or belt scale readings for the period. The County reserves the right to measure piles for interim quantities should the bucket count or belt scale readings seem unreasonable. The Contractor will be paid at contract unit price for the materials made less 5% for retainage until completion of the contract.

The unit price bid shall include all production work, stripping of vegetation, grubbing and clearing, stockpiling of top soils and overburden materials, stockpiling of screened waste materials, side slope restoration, dust control, clean-up work to the County's satisfaction and all necessary work, equipment, tools, labor and resources not specifically mentioned but essential for satisfactory completion of the project under this contract.

13. All correspondence concerning this project shall be made in writing and shall be delivered to:

Bid Submission: One (1) unbound copy of your submittal in a sealed envelope, clearly marked
BID # 21-001 - Attn: Wendi Maez, County Administrator

Submittals are due at: Saguache County Board of Commissioners
PO Box 100
505 3rd Street
Saguache, CO 81149

Until: 12:00 PM, Local Time
_____, _____, 2021

*Sole responsibility rests with the Offeror to see that their Bid is received on time. Bids received after this date and/or time will not be accepted and will be returned unopened to the sender.

*Confidential/Proprietary Information: Bids submitted in response to this "Invitation to Bid" and any resulting contract are subject to the provisions of the Colorado Public (Open) Records Act, 24-72-201 et. seq., C.R.S, as amended. Any restrictions on the use or inspection of material contained within the bid and any resulting contract shall be clearly stated in the bid itself. Confidential/proprietary information must be readily identified, marked and separated/packaged from the rest of the bid. Co-mingling of confidential/proprietary information and other information is NOT acceptable. Neither a bid, in its entirety, nor bid price information will be considered confidential/proprietary. Any information that will be included in any resulting contract cannot be considered confidential.

*Any interpretation, correction or change of the bid documents will be made by Addendum, Interpretations, corrections and changes of the bid documents made in any other manner will not be binding, and bidder shall not rely upon such interpretations, corrections and changes. The County's Representative will not be responsible for oral clarification.

SAGUACHE COUNTY

HBP AGGREGATE GRADATION 2021

GRADATION RANGE TABLE

SIEVE DESIGNATION	PERCENT PASSING BY WEIGHT SQUARE MESH SIEVES
	GRADING EX MODIFIED
3/4"	100
5/8"	98-100
1/2"	
3/8"	60-90
#4	50-66
#8	37-53
#16	
#50	
#200	4-8

ALL PLUS #4 ROCK SHALL HAVE AT LEAST 75% HAVING AT LEAST ONE FRACTURED FACE WHEN TESTED BY CDOT CP-45.

ALL MATERIAL SHALL BE PLACED IN ONE PILE. THE PILE SHALL BE CONSTRUCTED IN LAYERS NO MORE THAN 10 FEET THICK. STACKERS SHALL NOT BE USED TO CONSTRUCT THE PILE. THE METHOD USED SHALL INSURE SEGREGATION IN THE FINISHED PILE DOES NOT OCCUR.

MATERIALS PRODUCED WILL BE SAMPLED BY THE CONTRACTOR UPON REQUEST OF THE COUNTY'S REPRESENTATIVE.

A REPRESENTATIVE OF THE COUNTY SHALL WITNESS ALL SAMPLING AND WILL SUBMIT THE SAMPLES FOR TESTING.

THESE TESTS ARE FOR THE COUNTY'S USE IN ACCEPTANCE AND THE CONTRACTOR IS URGED TO CONDUCT HIS OWN TESTING FOR HIS CONTROL.

RESULTS OF TESTS TAKEN BY THE COUNTY WILL BE GIVEN TO THE CONTRACTOR BUT WILL PROBABLY NOT BE AVAILABLE UNTIL MANY DAYS AFTER PRODUCTION.

THIS MATERIAL SHALL BE THE PRODUCT OF CRUSHING. THE CONTRACTOR WILL BE REQUIRED TO PRESERVE NATURAL MATERIAL OUT OF THE PRODUCT. THE FINISHED PRODUCT CAN CONTAIN NO MORE THAN 20% NATURAL MATERIAL.

THE CONTRACTOR'S METHOD FOR ACCOMPLISHING THIS AND METHOD OF BLENDING MATERIALS SHALL BE SUBMITTED AND APPROVED BEFORE PRODUCTION BEGINS.

NATURAL MATERIAL IS DEFINED AS UNCRUSHED AGGREGATE MATERIAL. AS USED ABOVE IT REFERENCES MATERIALS PASSING THE #4 SCREEN WHICH ARE NOT THE PRODUCT OF CRUSHING.

SAGUACHE COUNTY

COVER COAT MATERIAL 2021

GRADATION RANGE TABLE

SIEVE DESIGNATION	PERCENT PASSING BY WEIGHT SQUARE MESH SIEVES	
	GRADING EX MODIFIED	
	TYPE 1	TYPE IV
3/4"	100	100
1/2"	90-100	100
3/8"	40-70	70-100
#4	0-10	---
#8	0-3	0-4
#200	0-2	0-2

ALL PLUS #4 ROCK SHALL HAVE AT LEAST 80% HAVING AT LEAST ONE FRACTURED FACE WHEN TESTED BY CDOT CP-45.

CARE SHALL BE TAKEN WHEN STOCKPILING MATERIALS TO KEEP THEM FREE OF AIRBORNE DUST FROM CRUSHING OPERATIONS.

MATERIAL PRODUCED WILL BE SAMPLED BY THE CONTRACTOR UPON REQUEST OF THE COUNTY'S REPRESENTATIVE.

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THESE TESTS ARE FOR THE COUNTY'S USE IN ACCEPTANCE AND THE CONTRACTOR IS URGED TO CONDUCT HIS OWN TESTING FOR HIS CONTROL.

RESULTS OF TESTS TAKEN BY THE COUNTY WILL BE GIVEN TO THE CONTRACTOR BUT WILL PROBABLY NOT BE AVAILABLE UNTIL MANY DAYS AFTER PRODUCTION.