

**PUBLIC WORKS
DEPARTMENT**

Brian J. Edwards, PE
Park County Engineer

Road & Bridge and Engineering
527-8520 or 754-8520



PARK COUNTY, WYOMING
ORGANIZED 1911

ORIGINAL PARK COUNTY COURTHOUSE
CODY, WYOMING
COMPLETED 1912

County of Park

**PARK COUNTY WYOMING
2016-2017 PRIVATE SOURCE GRAVEL – POWELL AREA
PRODUCE TO STOCKPILE
REQUEST FOR QUOTE**

DEADLINE TO RECEIVE QUOTES: MARCH 17, 2017 @ 5:00 PM

COSTS TO PRODUCE AND STOCKPILE THE FOLLOWING MATERIAL:

- BASE QUOTE -

GRADING “H” CRUSHED BASE AGGREGATE

5,000 TONS	COST PER TON:	\$ _____
10,000 TONS	COST PER TON:	\$ _____
15,000 TONS	COST PER TON:	\$ _____

TENTATIVE START DATE _____

DAYS TO FINISH _____

SOURCE NAME: _____

WyDEQ PERMIT NO. _____

SOURCE ADDRESS: _____

MSHA ID NO.: _____

NOTES:

Stockpiling is to be complete no later than May 1, 2017. Material must be separated and stockpiled at the Source for the specific use and benefit of Park County. At ENGINEER'S discretion, County can order less than the designated amount depending on need. The unit price (cost/ton) shall be fixed regardless of the quantity of material ordered up to 5,000 tons, 10,000 tons, and 15,000 tons at the fixed unit prices provided on Page 1. All invoices for materials produced and stockpile shall be submitted no later than May 30, 2017.

Attach material lab results pertaining to WEAR or LA ABRASION.

PART I. SPECIFICATIONS: CRUSHED BASE AGGREGATE – GRADING “H”

- A. The composite materials shall be free from clay balls, organic or vegetative matter, and other deleterious substances, and shall not contain an excess of thin or elongated pieces.
- B. Crushed sub-base and crushed base shall be crushed stone or crushed gravel and an approved soil binder or natural filler, where required, conforming to the following requirements, unless otherwise designated in the Contract Documents.
 - 1. Coarse aggregate shall consist of hard, durable particles or fragments of stone or gravel. Materials that break up when alternately frozen and thawed or wetted and dried shall not be used. Unless otherwise specified, the coarse aggregate shall have a percentage of wear of not more than 50.
 - 2. Fine aggregate shall consist of crushed stone, crushed gravel, or natural sand. The fraction passing the #200 sieve shall not be greater than two-thirds of the fraction passing the #40 sieve. The fraction passing the #40 sieve shall have a liquid limit not greater than 25 and a plasticity index not greater than 6 except that, when the plasticity index is non-plastic (NP), the liquid limit shall not be more than 30.
 - 3. Crushed base and crushed sub-base shall meet one of the following gradation requirements as herein specified:

Sieve Designation	Grading D	Grading G	Grading H	Grading J	Grading K	Grading W
2"	100	100	---	100	---	---
1-1/2"	90-100	100	---	90-100	100	100
1"	---	---	100	---	90-100	90-100
3/4"	---	---	95-100	---	---	---
1/2"	---	---	---	---	---	60-85
#4	50-85	---	45-65	35-75	40-65	45-65
#8	40-70	---	33-53	---	30-55	33-53
#200	2-15	0-15	3-12	0-15	3-15	3-12

SPECIAL NOTES:

1. **ENGINEER reserves the right to periodically collect samples of produced material for laboratory physical properties analysis. Samples (if taken) may be taken at the source location. Park County will bear the costs of all sampling and analysis if testing is requested and required by ENGINEER (if deemed necessary).**
2. **COUNTY is under no obligation to purchase any material described herein or from a single source. For example, County may choose to purchase 5,000 tons from one supplier at one location and 10,000 tons from another supplier at a different location if it is in the best interest of the County when considering needs, availability, project location, and haul distance.**

PART II: EXECUTION

STOCKPILED AGGREGATE

- A. This work shall consist of storing aggregate material which will be used in construction projects in accordance with these specifications or as otherwise designated by ENGINEER.
- B. The aggregates shall meet applicable parts of this section for the type of material required.
- C. SUPPLIER will prepare and maintain a bed of aggregate suitable to avoid the inclusion of soil or foreign material at Stockpile site.
- D. The stockpiles shall be built in layers not exceeding four feet (4') in height, and each layer shall be completely in place before the next layer is started to prevent

segregation. **The material shall be deposited in such manner as to prevent coning**, except in the case of fine aggregate composed of material approximately 90% finer than a #4 sieve.

- E. Any stockpiling of materials derived by wet pit or dredging operations, other than those stockpiles previously mentioned, are subject to prior approval of ENGINEER and must be specified and submitted in the CONTRACTOR's plan of operations.
- G. When it is necessary to operate trucks or other equipment on the stockpile in the process of building that stockpile, it should be done in a manner approved by ENGINEER. Any method of stockpiling aggregate, which allows the stockpile to become contaminated with foreign matter or causes excessive degradation of the aggregate, will not be permitted. Excessive degradation will be determined by sieve tests of samples taken from any portion of the stockpile over which equipment has operated. Failure of such samples to meet all grading requirements for the aggregate shall be considered cause for discontinuance of such stockpiling procedures.
- H. The aggregate shall be transferred to the specified stockpile location in such a way as to obtain a material having a uniform grading.

PART III: PROTECTION FOR AGGREGATE

- A. The equipment and methods utilized in the production, storage, transportation and final placement of aggregate materials shall be such as to provide in-place materials meeting all requirements as specified.

PART IV: METHOD OF MEASUREMENT AND BASIS OF PAYMENT

METHOD OF MEASUREMENT

- A. Work performed under this specification will be measured in mutually agreeable manner. The quantities to be paid for will be the total number of tons of Grading "H" Crushed Base Aggregate stockpiled at the private source. .

NOTE: Stockpile measurement shall be made by a method mutually agreeable to OWNER/ENGINEER and CONTRACTOR.

Estimated quantities are:

Private Source	up to 5,000 Tons Grading "H" Crushed Base Aggregate OR Up to 10,000 Tons Grading "H" Crushed Base Aggregate OR Up to 15,000 Tons Grading "H" Crushed Base Aggregate
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PART V: BASIS OF PAYMENT

- A. Payment shall be made for the contract unit price bid for this item. Payment will be full compensation for the stripping as necessary, crushing and stockpiling of base course cover aggregate and finish sloping and for all mobilization, labor, use of equipment, tools and incidentals necessary including safety training to complete work in accordance with these specifications.

PAY ITEM	PAY UNIT
Grading “H” Crushed Base Aggregate	Ton

SUBMITTAL REQUIREMENTS:

DEADLINE TO RECEIVE QUOTES: March 17, 2017 @ 5:00 PM

TO: PARK COUNTY PUBLIC WORKS
COUNTY ENGINEER: BRIAN J. EDWARDS, PE
1131 11TH STREET
CODY WY 82414
FAX: 307-527-8526
EMAIL: bedwards@parkcounty.us
• Mailed, Faxed, or Emailed Quotes are Acceptable

SUBMITTED:

Producer/Supplier:

Producer/Supplier Signature: _____ Date

ACCEPTED:

Park County _____ Date