

Department of Transportation  
Federal Highway Administration  
Central Federal Lands Highway Division

CO PFH 80-1(1) & 2(2)  
Guanella Pass Road Project  
Pike and Arapahoe National Forests  
Park and Clear Creek Counties, Colorado

**INVITATION FOR BID  
BID SUBMITTAL PACKAGE**

This invitation for bid cites Federal Highway Administration  
Specifications FP-96, 1996

**OF-17 (cflhd7/03)** FAR (48) CFR 53.214(g)  
**OFFER LABEL** FAR (48) CFR 53.215-1(h)

**NOTICE TO OFFEROR**

1. THIS LABEL MAY ONLY BE USED ON ENVELOPES LARGER THAN 156 mm (6 ½ INCHES) IN HEIGHT AND 292 mm (11 ½ INCHES) IN LENGTH.
2. Print or type your name and address in the UPPER left corner of the envelope containing your offer.
3. Complete the bottom portion of this form and paste it on the lower left corner of the envelope, unless the envelope is 156 mm by 292 mm (6 ½ inches by 11 ½ inches) or smaller.

**OFFER**

SOLICITATION NO.

DATE FOR RECEIPT OF OFFERS

TIME FOR RECEIPT OF OFFERS

OFFICE DESIGNATED TO RECEIVE OFFERS

**Contractor** \_\_\_\_\_

**Street Address** \_\_\_\_\_

**City/State/Zip** \_\_\_\_\_

State: COLORADO

County: PARK AND CLEAR CREEK

Location: PIKE AND ARAPAHOE  
NATIONAL FORESTS

Length: Schedule A = 10.02 km  
Schedule B = 12.32 km  
Schedule C = 14.17 km  
Schedule Z = 7<sup>th</sup> Street Bridge and  
Road Improvements

Type of Improvement: Grading, Drainage, Retaining Walls, Bridge  
Asphalt, and Gravel Surfacing including 7<sup>th</sup>  
Street Bridge/Road Improvements in the town  
of Georgetown

## NOTICE TO BIDDERS AND OFFERORS

Before mailing your offer, please recheck the following:

- (1) Does your offer set forth full, accurate, and complete information as required by this solicitation, including representations and certifications and acknowledgement of any amendments which may have been issued?
- (2) Have you completed the bid schedule and rechecked your bid figures, including calculations on your work sheets?
- (3) If bid guarantee is required, is it enclosed in proper form and amount including Power of Attorney Affidavit? See FAR Provision 52.228-1
- (4) Have you completed and signed all required documents?

## INVITATION FOR BID BOOKLET AND BID SUBMITTAL

It is the responsibility of the bidder to verify that this proposal booklet is complete as listed in the table of contents. Also, the bidder is responsible for submitting all required forms and documents with the bid.

Bidders **must** fill out and submit with their offers completed page 1 of 3, "Notice to Bidders and Offerors," which indicates interest in partnering, pages numbered A-1 through D-14, and pages F-3 and F-8 of the Contract Clauses indicating Bidder's option to waive the price evaluation preference for HUBZone Certified Firms and/or the price evaluation adjustment for Small Disadvantaged Business Concerns. The remaining pages may be retained by the bidders for their information.

Facsimile or telegraphic bids are not authorized for this solicitation. Bids may be modified or withdrawn by facsimile or telegraphic notice, if such notice is received by the time specified for receipt of bids. The Government will not be responsible for ANY failure attributable to the transmission or receipt of telegraphic or facsimile data.

**FAX Number for modifications to bids is (303) 969-5971.**

PARTNERING (See Section I, Subsection 103.05 of the Special Contract Requirements)

Please indicate your interest in participating in Partnering by checking the appropriate blank below.

- The offeror is interested in participating in partnering.
- The offeror is not interested in participating in partnering.

<b>SOLICITATION, OFFER, AND AWARD</b> <i>(Construction, Alteration, or Repair)</i>		1. SOLICITATION NO. CO PFH 80-1(1) & 2(2)	2. TYPE OF SOLICITATION <input checked="" type="checkbox"/> SEALED BID (IFB) <input type="checkbox"/> NEGOTIATED (RFP)	3. DATE ISSUED NOVEMBER 3, 2003	PAGE OF PAGES 1 OF 3
<b>IMPORTANT - The "offer" section on the reverse must be fully completed by offeror.</b>					
4. CONTRACT NO.		5. REQUISITION/PURCHASE REQUEST NO.		6. PROJECT NO. CO PFH 80-1(1) & 2(2)	
7. ISSUED BY: Federal Highway Administration Central Federal Lands Highway Division 555 Zang Street, Room 259 Lakewood, CO 80228			8. ADDRESS OFFER TO: Larry C. Smith, Division Engineer Federal Highway Administration Central Federal Lands Highway Division Attn: Lori K Rivera HFAC-16 555 Zang Street, Room 259 Lakewood, Colorado 80228 Bid Opening will be held on the Third Floor Conference Room B		
9. FOR INFORMATION CALL		A. NAME: See Continuation of SF 1442		B. TELEPHONE NO. (Include area code) (NO COLLECT CALLS) See Continuation of SF 1442.	

**SOLICITATION****NOTE:** In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder".

10. THE GOVERNMENT REQUIRES PERFORMANCE OF THE WORK DESCRIBED IN THESE DOCUMENTS (TITLE, IDENTIFYING NO., DATE):

**CONSTRUCTION OF COLORADO PFH 80-1(1) & 2(2), GUANELLA PASS ROAD PHASE I & 7<sup>TH</sup> STREET BRIDGE AND ROAD IMPROVEMENTS, IN STRICT ACCORDANCE WITH:**

1. FAR CONTRACT CLAUSES
2. DEPARTMENT OF LABOR, DAVIS BACON MINIMUM WAGE RATES
3. STANDARD SPECIFICATIONS FOR CONSTRUCTION OF ROADS AND BRIDGES ON FEDERAL HIGHWAY PROJECTS, FP-96 (1996)
4. SPECIAL CONTRACT REQUIREMENTS
5. BID SCHEDULE
6. PLANS

\* ALL WORK MUST BE COMPLETED BY AUGUST 31, 2006

11. The Contractor shall begin performance within 10 calendar days and complete it within    calendar days after receiving  award,  notice to proceed. This performance period is  mandatory,  negotiable.

12A. THE CONTRACTOR MUST FURNISH ANY REQUIRED PERFORMANCE AND PAYMENT BONDS? (If "YES," indicate within how many calendar days after award in Item 12B.) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	12B. CALENDAR DAYS  10
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13. ADDITIONAL SOLICITATION REQUIREMENTS:

- A. Sealed offers in original and 0 copies to perform the work required are due at the place specified in Item 8. by 2:00 pm (hour) local time 12/04/03 (date). If this is a sealed bid solicitation, offers will be publicly opened at that time. Sealed envelopes containing offers shall be marked to show the offeror's name and address, the solicitation number, and the date and time offers are due.
- B. An offer guarantee  is,  is not required.
- C. All offers are subject to the (1) work requirements, and (2) other provisions and clauses incorporated in the solicitation in full text or by reference.
- D. Offers providing less than 60 calendar days for Government acceptance after the date offers are due will not be considered and will be rejected.

**OFFER (Must be fully completed by offeror)**

14. NAME AND ADDRESS OF OFFEROR (Include ZIP code)  CODE                      FACILITY CODE	15. TELEPHONE NO. (Include area code)  16. REMITTANCE ADDRESS (Include only if different than Item 14)
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17. The offeror agrees to perform the work required at the prices specified below in strict accordance with the terms of this solicitation, if this offer is accepted by the Government in writing within \_\_\_ calendar days after the date offers are due. (Insert any number equal to or greater than the minimum requirement stated in Item 13D. Failure to insert any number means the offeror accepts the minimum in Item 13D.)

AMOUNTS ÷	See Bid Schedule.
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18. The offeror agrees to furnish any required performance and payment bonds.

**19. ACKNOWLEDGMENT OF AMENDMENTS**

(The offeror acknowledges receipt of amendments to the solicitation - give number and date of each)

AMENDMENT NO.							
DATE							

20A. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER (Type or print)	20B. SIGNATURE	20C. OFFER DATE
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**AWARD (To be completed by Government)**

21. ITEMS ACCEPTED:

22. AMOUNT	23. ACCOUNTING AND APPROPRIATION DATA
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24. SUBMIT INVOICES TO ADDRESS SHOWN IN ÷ (4 copies unless otherwise specified)	ITEM See Block 26	25. OTHER THAN FULL AND OPEN COMPETITION PURSUANT TO <input type="checkbox"/> 15 U.S.C. 637( ) <input type="checkbox"/> 41 U.S.C. 253(c)( )
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26. ADMINISTERED BY                      CODE: _____  SEE CONTINUATION OF SF 1442	27. PAYMENT WILL BE MADE BY FEDERAL HIGHWAY ADMINISTRATION CENTRAL FEDERAL LANDS HIGHWAY DIVISION 555 ZANG STREET, ROOM 259 LAKEWOOD, CO 80228
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**CONTRACTING OFFICER WILL COMPLETE ITEM 28 OR 29 AS APPLICABLE**

<input type="checkbox"/> 28. NEGOTIATED AGREEMENT (Contractor is required to sign this document and return ___ copies to issuing office.) Contractor agrees to furnish and deliver all items or perform all work requirements identified on this form and any continuation sheets for the consideration stated in this contract. The rights and obligations of the parties to this contract shall be governed by (a) this contract award, (b) the solicitation, and (c) the clauses, representations, certifications, and specifications incorporated by reference in or attached to this contract.	<input type="checkbox"/> 29. AWARD (Contractor is not required to sign this document.) Your offer on this solicitation is hereby accepted as to the items listed. This award consummates the contract, which consists of (a) the Government solicitation and your offer, and (b) this contract award. No further contractual document is necessary.
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30A. NAME AND TITLE OF CONTRACTOR OR PERSON AUTHORIZED TO SIGN (Type or print)	31A. NAME OF CONTRACTING OFFICER (Type or print)		
30B. SIGNATURE	30C. DATE	31B. UNITED STATES OF AMERICA  BY	31C. AWARD DATE

CONTINUATION OF SF 1442

Block 9: DATA AVAILABLE FOR REVIEW

The following hard copy materials can be obtained by calling (303) 716-2015 or (303) 716-2080:

Geotech Report and Pavement Documents

Earthwork Summary

FP-96, Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects, 1996

The following materials are available electronically:

Manual of Uniform Traffic Control Devices for Streets and Highways, (Current Edition published by U.S. Government Printing Office found at <http://mutcd.fhwa.dot.gov> .

AASHTO Manuals found at <http://fhwapap04.fhwa.dot.gov/index.jsp> under the Standard Specifications and Supplements link.

FP-96, Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects, 1996, found at <http://www.cflhd.gov/design/index.cfm#> under the Construction Specs tab.

Contractor Guidelines for Quality Control Plans and example QC Plans found at <http://www.cflhd.gov/design/index.cfm#> under the Construction Specs tab.

Environmental Impact Study (EIS) Report and Right of Decision (ROD) for this project found at <http://www.cflhd.gov/projects/co/guanella/index.cfm>.

**For amendments, bid results and tabulations or other procurement information please visit our website at [www.cflhd.gov/procurement](http://www.cflhd.gov/procurement)**

Block 13: A bid guarantee of not less than 20 percent of the amount of the bid is required with any bid in excess of \$25,000. If the bidder fails to accompany the bid with the required bid guarantee, such failure may require rejection of the bid. See FAR Provision 52.228-1, Bid Guarantee. If the bid guarantee is a bid bond, it must be submitted on Standard Form 24.

Block 26: The Contractor shall submit invoices to:

FHWA, CFLHD, Project Engineer's Office (Address to be designated at preconstruction conference), for submission to the designated billing office shown in Block 7.

Final billing shall be submitted directly to the address shown in Block 7.

Other: The estimated price range of the project work is greater than \$10,000,000.00

For technical questions about plans and specifications, please call in the following order:

- (1) Mr. Kevin Black, Construction Operations Engineer (COE), at (303) 716-2153.
- (2) Ms. Lee Ann Bush, A/E Contracting Specialist, at (303) 716-2126.
- (3) Mr. Gary Strike, Highway Design Manager (HDM), at (303) 716-2171.

## **Bid Schedule Instructions**

BIDDERS, PLEASE NOTE: Before preparing the bid, carefully read the Solicitation Provisions.

This Bid Proposal is comprised of three alternatives as follows:

- I. Schedule A - Grading, Drainage, Retaining Walls, Bridge, Asphalt, and Gravel Surfacing = 10.02 km  
Plus Schedule Z - 7<sup>th</sup> Street Bridge/Road Improvements in the town of Georgetown**
- II. Schedule B - Grading, Drainage, Retaining Walls, Bridge, Asphalt, and Gravel Surfacing = 12.32 km  
Plus Schedule Z - 7<sup>th</sup> Street Bridge/Road Improvements in the town of Georgetown**
- III. Schedule C - Grading, Drainage, Retaining Walls, Bridge, Asphalt, and Gravel Surfacing = 14.17 km  
Plus Schedule Z - 7<sup>th</sup> Street Bridge/Road Improvements in the town of Georgetown**

- ✓ Insert a unit price, in figures, for each pay item for which a quantity appears in each bid schedules. When the words "Lump Sum" appear as a unit price, insert an amount for each lump sum pay item.
- ✓ Multiply the unit price by the quantity for each pay item and show the amount bid.
- ✓ Total all amounts bid for each pay item and show the Total on line provided on Page B-12 for Schedule A, Page B-24 for Schedule B, Page B-36 for Schedule C and Page B-40 for Schedule Z.
- ✓ Complete the Summary Sheet on Page B-41 for each Alternative I, II and III.

## **Evaluation Factors for Award**

To be eligible for award of contract, the bidder shall submit prices in each bid schedule for each bid item necessary to complete all contract work.

Evaluation for award of a contract will consist of Schedule Z combined with either Schedule A, B or C.

The successful bidder will be determined as the low bidder with the lowest Overall Project Bid Total; Alternative I, II or III. Accordingly, award of contract, if made, will be made to the lowest responsive, responsible bidder, if funds are available on the alternative considered to be most advantageous to the Government.

The possibility of having different low bidders on different alternatives is recognized and prospective bidders are hereby notified that there will be no protest by any bidder whose bid would have been lowest under a different alternative than the one selected for award.

Liquidated damages will be assessed according to Subsection 108.04, as amended, by the Special Contract Requirements, in the event contract work is not completed by the final contract completion; date(s) listed below. Liquidated damages apply to Schedules A, B, C and Z.

## **Subcontracting Plan**

In accordance with FAR 52.219-9 as noted in section above titled "Notice to Bidders and Offerors," if you are the low bidder and a large business, and the project awarded amount exceeds \$1 million, an acceptable subcontracting plan will be required prior to award. It is not mandatory to return this sub-contracting plan at the time bid documents are due; however, in an attempt to expedite the award process, a sample subcontracting plan and a full text copy of FAR Clause 52.219-9 is provided in the Appendix for your convenience. Your **bid submittal** will not be evaluated upon receipt of this subcontracting plan, however, failure on the part of the successful bidder to complete and return an acceptable plan prior to award will result in a non-responsive bid.

**All work must be completed by August 31, 2006.**

Project: CO PFH 80-1(1) & 2(2)  
GUANELLA PASS ROAD PHASE I

# **SCHEDULE A**

**CO PFH 80-1(1) & 2(2)  
GUANELLA PASS ROAD PHASE I  
PIKE AND ARAPAHOE NATIONAL FORESTS  
CLEAR CREEK AND PARK COUNTIES, COLORADO**

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
15101	Mobilization ALL	Lump Sum	\$ _____
15202	Slope, reference, and clearing and grubbing stakes 10.024 km	\$ _____	\$ _____
15204	Drainage structure survey and staking 80 Each	\$ _____	\$ _____
15204A	Concrete box culvert layout and control 2 Each	\$ _____	\$ _____
15206	Retaining wall survey and staking ALL	Lump Sum	\$ _____
15207	Grade finishing stakes 20.048 km	\$ _____	\$ _____
15209	Miscellaneous survey and staking 220 Hour	\$ _____	\$ _____
15212	Approach road survey and Staking 4 Each	\$ _____	\$ _____
15216A	Parking area survey and staking 5 Each	\$ _____	\$ _____
15401	Contractor testing ALL	Lump Sum	\$ _____
15501	Construction schedule ALL	Lump Sum	\$ _____
15702	Temporary turf establishment 6 ha	\$ _____	\$ _____
15703	Silt fence 8,000 m	\$ _____	\$ _____
15709	Check dams 17 Each	\$ _____	\$ _____

Bid Schedule A

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE 1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
15711	Sediment traps 2 Each	\$ _____	\$ _____
15718	Inlet protection 9 Each	\$ _____	\$ _____
15725A	Temporary diversion channel ALL	Lump Sum	\$ _____
15734	Sediment control log 1,100 m	\$ _____	\$ _____
15801	Watering for dust control 9,000 m3	\$ _____	\$ _____
20101	Clearing and grubbing 20.0 ha	\$ _____	\$ _____
20202	Selective clearing and grubbing 2.0 ha	\$ _____	\$ _____
20204	Removal of individual trees 16 m2	\$ _____	\$ _____
20301B	Removal of signs 14 Each	\$ _____	\$ _____
20301H	Removal of pipe culverts 37 Each	\$ _____	\$ _____
20302V	Removal of fence 180 m	\$ _____	\$ _____
20302W	Removal of guardrail 490 m	\$ _____	\$ _____
20311	Brow removal 900 m	\$ _____	\$ _____

Bid Schedule A

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE 1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
20401	Roadway excavation 58,000 m3	\$ _____	\$ _____
20402	Subexcavation 750 m3	\$ _____	\$ _____
20413A	Slope Scaling Crew 1,200 Hour	\$ _____	\$ _____
20501	Controlled blast hole 50 m	\$ _____	\$ _____
20802	Foundation fill 8,300 m3	\$ _____	\$ _____
20804	Shoring and bracing ALL	Lump Sum	\$ _____
21101	Roadway obliteration 3,300 m2	\$ _____	\$ _____
25101B	Placed riprap class 2 3,200 m3	\$ _____	\$ _____
25101C	Placed riprap class 3 220 m3	\$ _____	\$ _____
25101E	Placed riprap class 5 170 m3	\$ _____	\$ _____
25108	Placed boulder, class 7 600 Each	\$ _____	\$ _____
25111	Placed individual boulders 35 Each	\$ _____	\$ _____
25203	Rock buttress 2,650 m3	\$ _____	\$ _____

Bid Schedule A

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE 1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
25206	Rockery wall 2,600 m2	\$ _____	\$ _____
25501A	Mechanically stabilized earth wall, welded wire face 16,000 m2	\$ _____	\$ _____
26006	Soil nail retaining wall 700 m2	\$ _____	\$ _____
30101	Aggregate base 42,500 t	\$ _____	\$ _____
30107	Aggregate surface course 17,500 t	\$ _____	\$ _____
30304U	Road reconditioning, scarify 300 mm depth 21,000 m2	\$ _____	\$ _____
30402	Aggregate stabilization 41,500 m2	\$ _____	\$ _____
30602	Dust palliative application 25,900 m2	\$ _____	\$ _____
30611	Lignin sulfonate / Magnesium chloride, 50/50 mix 70 t	\$ _____	\$ _____
40103PGCD	Asphalt cement grade PG 58-34 360 t	\$ _____	\$ _____
40105C	Antistrip additive type 3 60 t	\$ _____	\$ _____
40106ABA	Superpave asphalt concrete pavement, 12.5 nominal maximum size aggregate, 0.3 to 1 million ESAL's, type 1 pavement smoothness 5,900 t	\$ _____	\$ _____

Bid Schedule A

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE 1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
40901GAP	Surface treatment aggregates gradation A, precoated 2,100 t	\$ _____	\$ _____
40901GC	Surface treatment aggregates gradation C 1,100 t	\$ _____	\$ _____
40904AR	Emulsified Asphalt grade HFMS-2P or HFRS-2P 3 t	\$ _____	\$ _____
41101MB	Prime coat grade MC-70 36 t	\$ _____	\$ _____
41103	Blotter 200 t	\$ _____	\$ _____
41201CM	Tack coat grade CSS-1, CSS-1h, SS-1, or SS-1h 11 t	\$ _____	\$ _____
55201A	Structural concrete class A (AE) 74 m3	\$ _____	\$ _____
55401	Reinforcing steel te class A (AE) 4,193 kg	\$ _____	\$ _____
56304	Rock stain 2,000 m2	\$ _____	\$ _____
60105C	Concrete for pipe collar 30 m3	\$ _____	\$ _____
60201K	450 mm pipe culvert 40 m	\$ _____	\$ _____
60201M	600 mm pipe culvert 900 m	\$ _____	\$ _____

Bid Schedule A

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE 1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
60201N	750 mm pipe culvert 70 m	\$ _____	\$ _____
60201P	900 mm pipe culvert 19 m	\$ _____	\$ _____
60202N	885 mm span, 610 mm rise pipe arch culvert 80 m	\$ _____	\$ _____
60205NG	4200 mm span, 2100 mm rise precast reinforced concrete box culvert (bottomless) 13 m	\$ _____	\$ _____
60206K	End section for 450 mm pipe culvert 5 Each	\$ _____	\$ _____
60206M	End section for 600 mm pipe culvert 97 Each	\$ _____	\$ _____
60206N	End section for 750 mm pipe culvert 6 Each	\$ _____	\$ _____
60206P	End section for 900 mm pipe culvert 1 Each	\$ _____	\$ _____
60207N	End section for 885 mm span, 610 mm rise pipe arch culvert 12 Each	\$ _____	\$ _____
60209M	Elbow, 600 mm 38 Each	\$ _____	\$ _____
60209MN	Elbow, 885 mm span, 610 mm rise pipe arch culvert 4 Each	\$ _____	\$ _____
60209N	Elbow, 750 mm 6 Each	\$ _____	\$ _____

Bid Schedule A

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE 1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
60209P	Elbow, 900 mm 2 Each	\$ _____	\$ _____
60305ADA	10'-10" span, 3'-5" rise, structural-plate box, 0.109 inch (bottomless) 14 m	\$ _____	\$ _____
60404A	Catch basin type 1 12 Each	\$ _____	\$ _____
60409A	Metal frame and grate type A 7 Each	\$ _____	\$ _____
60409AB	Metal frame and grate type B 5 Each	\$ _____	\$ _____
60501	Underdrain system 1,200 m	\$ _____	\$ _____
60507F	150 mm outlet pipe 200 m	\$ _____	\$ _____
60901ZA	Portland cement concrete curb, 450 mm depth 3,100 m	\$ _____	\$ _____
60909B	Wheelstop (timber) 124 Each	\$ _____	\$ _____
60917	Timber curb 679 m	\$ _____	\$ _____
61301	Simulated stone masonry surface treatment ( Box Culvert Concrete Form-liner ) 63 m2	\$ _____	\$ _____
61301A	Simulated stone surfacing (MSE Wall Concrete Form-liner ) 3,822 m2	\$ _____	\$ _____

Bid Schedule A

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE 1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
61302	Simulated stone masonry test wall ( Box Culverts Concrete Form-liner ) 1 Each	\$ _____	\$ _____
61302A	Simulated stone surfacing test section ( MSE Walls Concrete Form-liner ) 1 Each	\$ _____	\$ _____
61501BA	Colored Portland cement concrete sidewalk 29 m2	\$ _____	\$ _____
61504B	Portland cement concrete wheelchair ramp 5 m2	\$ _____	\$ _____
61701H	Guardrail system SBTB 4,450 m	\$ _____	\$ _____
61702FAT	Terminal section type FAT-9 12 Each	\$ _____	\$ _____
61702FATA	Terminal section type FAT-6 36 Each	\$ _____	\$ _____
61715	Guardrail, steel tube-backed timber ( Box Culverts ) 6 m	\$ _____	\$ _____
61901FA	Fence temporary construction 500 m	\$ _____	\$ _____
61901HD	Fence post and rail, wood 18 m	\$ _____	\$ _____
61901LB	Fence, log barrier (toad) 770 m	\$ _____	\$ _____
61902F	Gate road closure 2 Each	\$ _____	\$ _____

Bid Schedule A

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE 1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
61906	Remove and reset fence 60 m	\$ _____	\$ _____
62201AD	Dump truck, 7 cubic meter minimum capacity 180 Hour	\$ _____	\$ _____
62201BC	Backhoe loader, 180 liter minimum rated capacity bucket (600 mm width) 180 Hour	\$ _____	\$ _____
62201CE	Wheel loader, 3 cubic meter minimum rated capacity 180 Hour	\$ _____	\$ _____
62201DG	Bulldozer, 250 kW minimum flywheel power 110 Hour	\$ _____	\$ _____
62201LB	Motor grader, 3.6 meter minimum blade 180 Hour	\$ _____	\$ _____
62201M	Hydraulic excavator 110 Hour	\$ _____	\$ _____
62301	General labor 300 Hour	\$ _____	\$ _____
62406	Placing conserved topsoil 6,200 m3	\$ _____	\$ _____
62501B	Seeding, hydraulic method 23.0 ha	\$ _____	\$ _____
62504B	Mulching, hydraulic method 23.0 ha	\$ _____	\$ _____
62516	Fertilizer, hydraulic method 15.0 ha	\$ _____	\$ _____

Bid Schedule A

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE 1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
62602	Remove and replant trees and shrubs 1,100 Each	\$ _____	\$ _____
62602C	Emergent plugs 100 Each	\$ _____	\$ _____
62613B	Container stock, 20 liter 2,396 Each	\$ _____	\$ _____
62614	Willow staking 19,500 Each	\$ _____	\$ _____
62701D	Salvaged sod ( alpine ) 4,700 m2	\$ _____	\$ _____
62901B	Erosion control mat type 2 1,900 m2	\$ _____	\$ _____
63304CC	Signs, aluminum panels, type 3 sheeting 23 m2	\$ _____	\$ _____
63305BA	Posts, wood 100 mm x 100 mm 139 m	\$ _____	\$ _____
63305BB	Posts, wood 100 mm x 150 mm 74 m	\$ _____	\$ _____
63306B	Object markers type 2 150 mm 114 Each	\$ _____	\$ _____
63307A	Delineators type 1 285 Each	\$ _____	\$ _____
63307G	Delineators flexible 323 Each	\$ _____	\$ _____

Bid Schedule A

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE 1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
63310	Installing government furnished sign 12 Each	\$ _____	\$ _____
63401BA	Pavement markings type B, solid 328 m	\$ _____	\$ _____
63406	Pavement markings, symbols 129 Each	\$ _____	\$ _____
63504C	Barricade type 3 35 m	\$ _____	\$ _____
63506A	Cone type A 50 Each	\$ _____	\$ _____
63507	Construction sign 80 m2	\$ _____	\$ _____
63508	Drum 150 Each	\$ _____	\$ _____
63509	Flagger 11,000 Hour	\$ _____	\$ _____
63510	Pilot car 3,800 Hour	\$ _____	\$ _____
63511	Temporary concrete barrier 700 m	\$ _____	\$ _____
63521B	Warning light type B 8 Each	\$ _____	\$ _____
63529	Temporary traffic signal system 2 Each	\$ _____	\$ _____

Bid Schedule A

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE 1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
63543A	Traffic and safety supervisor ALL	Lump Sum	\$ _____
65001	Landscaping logs 5 Each	\$ _____	\$ _____
66201	Rockfall fence system 70 m	\$ _____	\$ _____

**TOTAL** \$ \_\_\_\_\_

Submitted by: \_\_\_\_\_  
Name of Bidder

# **SCHEDULE B**

**CO PFH 80-1(1) & 2(2)  
GUANELLA PASS ROAD PHASE I  
PIKE AND ARAPAHOE NATIONAL FORESTS  
CLEAR CREEK AND PARK COUNTIES, COLORADO**

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
15101	Mobilization ALL	Lump Sum	\$ _____
15202	Slope, reference, and clearing and grubbing stakes 12.324 km	\$ _____	\$ _____
15204	Drainage structure survey and staking 106 Each	\$ _____	\$ _____
15204A	Concrete box culvert layout and control 3 Each	\$ _____	\$ _____
15206	Retaining wall survey and staking ALL	Lump Sum	\$ _____
15207	Grade finishing stakes 24.648 km	\$ _____	\$ _____
15209	Miscellaneous survey and staking 280 Hour	\$ _____	\$ _____
15212	Approach road survey and Staking 4 Each	\$ _____	\$ _____
15216A	Parking area survey and staking 5 Each	\$ _____	\$ _____
15401	Contractor testing ALL	Lump Sum	\$ _____
15501	Construction schedule ALL	Lump Sum	\$ _____
15702	Temporary turf establishment 7 ha	\$ _____	\$ _____
15703	Silt fence 9,900 m	\$ _____	\$ _____
15709	Check dams 20 Each	\$ _____	\$ _____

Bid Schedule B

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE 1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
15711	Sediment traps 3 Each	\$ _____	\$ _____
15718	Inlet protection 16 Each	\$ _____	\$ _____
15725A	Temporary diversion channel ALL	Lump Sum	\$ _____
15734	Sediment control log 1,300 m	\$ _____	\$ _____
15801	Watering for dust control 10,000 m3	\$ _____	\$ _____
20101	Clearing and grubbing 21.0 ha	\$ _____	\$ _____
20202	Selective clearing and grubbing 2.0 ha	\$ _____	\$ _____
20204	Removal of individual trees 18 m2	\$ _____	\$ _____
20301B	Removal of signs 16 Each	\$ _____	\$ _____
20301H	Removal of pipe culverts 47 Each	\$ _____	\$ _____
20302V	Removal of fence 180 m	\$ _____	\$ _____
20302W	Removal of guardrail 490 m	\$ _____	\$ _____
20311	Brow removal 1,100 m	\$ _____	\$ _____

Bid Schedule B

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE 1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
20401	Roadway excavation 70,000 m3	\$ _____	\$ _____
20402	Subexcavation 750 m3	\$ _____	\$ _____
20403	Unclassified borrow 2,400 m3	\$ _____	\$ _____
20413A	Slope Scaling Crew 1,200 Hour	\$ _____	\$ _____
20501	Controlled blast hole 50 m	\$ _____	\$ _____
20802	Foundation fill 8,400 m3	\$ _____	\$ _____
20804	Shoring and bracing ALL	Lump Sum	\$ _____
21101	Roadway obliteration 3,300 m2	\$ _____	\$ _____
25101B	Placed riprap class 2 3,500 m3	\$ _____	\$ _____
25101C	Placed riprap class 3 280 m3	\$ _____	\$ _____
25101E	Placed riprap class 5 260 m3	\$ _____	\$ _____
25108	Placed boulder, class 7 600 Each	\$ _____	\$ _____
25111	Placed individual boulders 120 Each	\$ _____	\$ _____

Bid Schedule B

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE 1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
25203	Rock buttress 2,650 m3	\$ _____	\$ _____
25206	Rockery wall 2,800 m2	\$ _____	\$ _____
25501A	Mechanically stabilized earth wall, welded wire face 16,200 m2	\$ _____	\$ _____
26006	Soil nail retaining wall 700 m2	\$ _____	\$ _____
30101	Aggregate base 56,600 t	\$ _____	\$ _____
30107	Aggregate surface course 17,500 t	\$ _____	\$ _____
30304U	Road reconditioning, scarify 300 mm depth 23,400 m2	\$ _____	\$ _____
30402	Aggregate stabilization 62,500 m2	\$ _____	\$ _____
30602	Dust palliative application 25,900 m2	\$ _____	\$ _____
30611	Lignin sulfonate / Magnesium chloride, 50/50 mix 70 t	\$ _____	\$ _____
40103PGCD	Asphalt cement grade PG 58-34 360 t	\$ _____	\$ _____
40105C	Antistrip additive type 3 60 t	\$ _____	\$ _____

Bid Schedule B

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE 1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
40106ABA	Superpave asphalt concrete pavement, 12.5 nominal maximum size aggregate, 0.3 to 1 million ESAL's, type 1 pavement smoothness 5,900 t	\$ _____	\$ _____
40901GAP	Surface treatment aggregates gradation A, precoated 3,100 t	\$ _____	\$ _____
40901GC	Surface treatment aggregates gradation C 1,600 t	\$ _____	\$ _____
40904AR	Emulsified Asphalt grade HFMS-2P or HFRS-2P 4 t	\$ _____	\$ _____
41101MB	Prime coat grade MC-70 36 t	\$ _____	\$ _____
41103	Blotter 200 t	\$ _____	\$ _____
41201CM	Tack coat grade CSS-1, CSS-1h, SS-1, or SS-1h 11 t	\$ _____	\$ _____
55201A	Structural concrete class A (AE) 120 m3	\$ _____	\$ _____
55401	Reinforcing steel 6,697 kg	\$ _____	\$ _____
56304	Rock stain 2,000 m2	\$ _____	\$ _____
60105C	Concrete for pipe collar 30 m3	\$ _____	\$ _____
60201K	450 mm pipe culvert 46 m	\$ _____	\$ _____

Bid Schedule B

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE 1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
60201M	600 mm pipe culvert 1,160 m	\$ _____	\$ _____
60201N	750 mm pipe culvert 100 m	\$ _____	\$ _____
60201P	900 mm pipe culvert 32 m	\$ _____	\$ _____
60202N	885 mm span, 610 mm rise pipe arch culvert 110 m	\$ _____	\$ _____
60205ND	4200 mm span, 1200 mm rise precast reinforced concrete box culvert 14 m	\$ _____	\$ _____
60205NG	4200 mm span, 2100 mm rise precast reinforced concrete box culvert 13 m	\$ _____	\$ _____
60206K	End section for 450 mm pipe culvert 7 Each	\$ _____	\$ _____
60206M	End section for 600 mm pipe culvert 132 Each	\$ _____	\$ _____
60206N	End section for 750 mm pipe culvert 10 Each	\$ _____	\$ _____
60206P	End section for 900 mm pipe culvert 3 Each	\$ _____	\$ _____
60207N	End section for 885 mm span, 610 mm rise pipe arch culvert 16 Each	\$ _____	\$ _____
60209M	Elbow, 600 mm 51 Each	\$ _____	\$ _____

Bid Schedule B

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE 1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
60209MN	Elbow, 885 mm span, 610 mm rise pipe arch culvert 4 Each	\$ _____	\$ _____
60209N	Elbow, 750 mm 7 Each	\$ _____	\$ _____
60209P	Elbow, 900 mm 2 Each	\$ _____	\$ _____
60305ADA	10'-10" span, 3'-5" rise, structural-plate box, 0.109 inch 14 m	\$ _____	\$ _____
60404A	Catch basin type 1 19 Each	\$ _____	\$ _____
60409A	Metal frame and grate type A 7 Each	\$ _____	\$ _____
60409AB	Metal frame and grate type B 12 Each	\$ _____	\$ _____
60501	Underdrain system 1,500 m	\$ _____	\$ _____
60507F	150 mm outlet pipe 250 m	\$ _____	\$ _____
60901ZA	Portland cement concrete curb, 450 mm depth 4,578 m	\$ _____	\$ _____
60909B	Wheelstop (timber) 124 Each	\$ _____	\$ _____
60917	Timber curb 679 m	\$ _____	\$ _____

Bid Schedule B

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE 1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
61301	Simulated stone masonry surface treatment (Box Culvert Concrete Form-liner ) 102 m2	\$ _____	\$ _____
61301A	Simulated stone surfacing (MSE Wall Concrete Form-liner ) 3,822 m2	\$ _____	\$ _____
61302	Simulated stone masonry test wall ( Box Culvert Concrete Form-liner ) 1 Each	\$ _____	\$ _____
61302A	Simulated stone surfacing test section ( MSE Wall Concrete Form-liner ) 1 Each	\$ _____	\$ _____
61501BA	Colored Portland cement concrete sidewalk 29 m2	\$ _____	\$ _____
61504B	Portland cement concrete wheelchair ramp 5 m2	\$ _____	\$ _____
61701H	Guardrail system SBTB 4,610 m	\$ _____	\$ _____
61702FAT	Terminal section type FAT-9 14 Each	\$ _____	\$ _____
61702FATA	Terminal section type FAT-6 38 Each	\$ _____	\$ _____
61715	Guardrail, steel tube-backed timber 22 m	\$ _____	\$ _____
61901FA	Fence temporary construction 500 m	\$ _____	\$ _____
61901HD	Fence post and rail, wood 18 m	\$ _____	\$ _____

Bid Schedule B

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE 1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
61901LB	Fence, log barrier ( toad ) 1,000 m	\$ _____	\$ _____
61902F	Gate road closure 2 Each	\$ _____	\$ _____
61906	Remove and reset fence 60 m	\$ _____	\$ _____
62201AD	Dump truck, 7 cubic meter minimum capacity 200 Hour	\$ _____	\$ _____
62201BC	Backhoe loader, 180 liter minimum rated capacity bucket (600 mm width) 200 Hour	\$ _____	\$ _____
62201CE	Wheel loader, 3 cubic meter minimum rated capacity 200 Hour	\$ _____	\$ _____
62201DG	Bulldozer, 250 kW minimum flywheel power 120 Hour	\$ _____	\$ _____
62201LB	Motor grader, 3.6 meter minimum blade 200 Hour	\$ _____	\$ _____
62201M	Hydraulic excavator 120 Hour	\$ _____	\$ _____
62301	General labor 320 Hour	\$ _____	\$ _____
62406	Placing conserved topsoil 7,800 m3	\$ _____	\$ _____
62501B	Seeding, hydraulic method 28.0 ha	\$ _____	\$ _____

Bid Schedule B

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE 1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
62504B	Mulching, hydraulic method 28.0 ha	\$ _____	\$ _____
62516	Fertilizer, hydraulic method 18.0 ha	\$ _____	\$ _____
62602	Remove and replant trees and shrubs 1,130 Each	\$ _____	\$ _____
62602C	Emergent plugs 110 Each	\$ _____	\$ _____
62613B	Container stock, 20 liter 3,268 Each	\$ _____	\$ _____
62614	Willow staking 21,500 Each	\$ _____	\$ _____
62701D	Salvaged sod (alpine) 4,700 m2	\$ _____	\$ _____
62901B	Erosion control mat type 2 2,100 m2	\$ _____	\$ _____
63304CC	Signs, aluminum panels, type 3 sheeting 24 m2	\$ _____	\$ _____
63305BA	Posts, wood 100 mm x 100 mm 147 m	\$ _____	\$ _____
63305BB	Posts, wood 100 mm x 150 mm 74 m	\$ _____	\$ _____
63306B	Object markers type 2 156 Each	\$ _____	\$ _____

Bid Schedule B

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE 1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
63307A	Delineators type 1 291 Each	\$ _____	\$ _____
63307G	Delineators flexible 337 Each	\$ _____	\$ _____
63310	Installing government furnished sign 12 Each	\$ _____	\$ _____
63401BA	Pavement markings type B, solid 328 m	\$ _____	\$ _____
63406	Pavement markings, symbols 129 Each	\$ _____	\$ _____
63504C	Barricade type 3 35 m	\$ _____	\$ _____
63506C	Cone type C 50 Each	\$ _____	\$ _____
63507	Construction sign 80 m2	\$ _____	\$ _____
63508	Drum 150 Each	\$ _____	\$ _____
63509	Flagger 12,000 Hour	\$ _____	\$ _____
63510	Pilot car 4,000 Hour	\$ _____	\$ _____
63511	Temporary concrete barrier 750 m	\$ _____	\$ _____

Bid Schedule B

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE 1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
63521B	Warning light type B 8 Each	\$ _____	\$ _____
63529	Temporary traffic signal system 2 Each	\$ _____	\$ _____
63543A	Traffic and safety supervisor ALL	Lump Sum	\$ _____
65001	Landscaping logs 35 Each	\$ _____	\$ _____
66201	Rockfall fence system 70 m	\$ _____	\$ _____

**TOTAL** \$ \_\_\_\_\_

Submitted by: \_\_\_\_\_  
Name of Bidder

# **SCHEDULE C**

**CO PFH 80-1(1) & 2(2)  
GUANELLA PASS ROAD PHASE I  
PIKE AND ARAPAHOE NATIONAL FORESTS  
CLEAR CREEK AND PARK COUNTIES, COLORADO**

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
15101	Mobilization ALL	Lump Sum	\$ _____
15202	Slope, reference, and clearing and grubbing stakes 14.174 km	\$ _____	\$ _____
15204	Drainage structure survey and staking 121 Each	\$ _____	\$ _____
15204A	Concrete box culvert layout and control 4 Each	\$ _____	\$ _____
15206	Retaining wall survey and staking ALL	Lump Sum	\$ _____
15207	Grade finishing stakes 28.348 km	\$ _____	\$ _____
15209	Miscellaneous survey and staking 320 Hour	\$ _____	\$ _____
15212	Approach road survey and Staking 5 Each	\$ _____	\$ _____
15216A	Parking area survey and staking 5 Each	\$ _____	\$ _____
15401	Contractor testing ALL	Lump Sum	\$ _____
15501	Construction schedule ALL	Lump Sum	\$ _____
15702	Temporary turf establishment 8 ha	\$ _____	\$ _____
15703	Silt fence 11,300 m	\$ _____	\$ _____
15709	Check dams 20 Each	\$ _____	\$ _____

Bid Schedule C

Project: PFH 80-1(1) & 2(2)  
GUANELLA PASS ROAD PHASE1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
15711	Sediment traps 3 Each	\$ _____	\$ _____
15718	Inlet protection 21 Each	\$ _____	\$ _____
15725A	Temporary diversion channel ALL	Lump Sum	\$ _____
15734	Sediment control log 1,450 m	\$ _____	\$ _____
15801	Watering for dust control 12,000 m3	\$ _____	\$ _____
20101	Clearing and grubbing 24.0 ha	\$ _____	\$ _____
20202	Selective clearing and grubbing 2.0 ha	\$ _____	\$ _____
20204	Removal of individual trees 20 m2	\$ _____	\$ _____
20301B	Removal of signs 20 Each	\$ _____	\$ _____
20301H	Removal of pipe culverts 51 Each	\$ _____	\$ _____
20302V	Removal of fence 180 m	\$ _____	\$ _____
20302W	Removal of guardrail 490 m	\$ _____	\$ _____
20311	Brow removal 1,100 m	\$ _____	\$ _____

Bid Schedule C

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
20401	Roadway excavation 78,000 m3	\$ _____	\$ _____
20402	Subexcavation 750 m3	\$ _____	\$ _____
20403	Unclassified borrow 2,400 m3	\$ _____	\$ _____
20413A	Slope Scaling Crew 1,200 Hour	\$ _____	\$ _____
20501	Controlled blast hole 50 m	\$ _____	\$ _____
20802	Foundation fill 9,000 m3	\$ _____	\$ _____
20804	Shoring and bracing ALL	Lump Sum	\$ _____
21101	Roadway obliteration 3,300 m2	\$ _____	\$ _____
25101B	Placed riprap class 2 3,700 m3	\$ _____	\$ _____
25101C	Placed riprap class 3 320 m3	\$ _____	\$ _____
25101E	Placed riprap class 5 300 m3	\$ _____	\$ _____
25108	Placed boulder, class 7 600 Each	\$ _____	\$ _____
25111	Placed individual boulders 170 Each	\$ _____	\$ _____

Bid Schedule C

Project: PFH 80-1(1) & 2(2)  
GUANELLA PASS ROAD PHASE1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
25203	Rock buttress 2,650 m3	\$ _____	\$ _____
25206	Rockery wall 3,600 m2	\$ _____	\$ _____
25501A	Mechanically stabilized earth wall, welded wire face 17,400 m2	\$ _____	\$ _____
26006	Soil nail retaining wall 700 m2	\$ _____	\$ _____
30101	Aggregate base 68,900 t	\$ _____	\$ _____
30107	Aggregate surface course 17,500 t	\$ _____	\$ _____
30304U	Road reconditioning, scarify 300 mm depth 27,000 m2	\$ _____	\$ _____
30402	Aggregate stabilization 79,000 m2	\$ _____	\$ _____
30602	Dust palliative application 26,000 m2	\$ _____	\$ _____
30611	Lignin sulfonate / Magnesium chloride, 50/50 mix 70 t	\$ _____	\$ _____
40103PGCD	Asphalt cement grade PG 58-34 360 t	\$ _____	\$ _____
40105C	Antistrip additive type 3 60 t	\$ _____	\$ _____

Bid Schedule C

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
40106ABA	Superpave asphalt concrete pavement, 12.5 nominal maximum size aggregate, 0.3 to 1 million ESAL's, type 1 pavement smoothness 5,900 t	\$ _____	\$ _____
40901GAP	Surface treatment aggregates gradation A, precoated 3,900 t	\$ _____	\$ _____
40901GC	Surface treatment aggregates gradation C 2,000 t	\$ _____	\$ _____
40904AR	Emulsified Asphalt grade HFMS-2P or HFRS-2P 5 t	\$ _____	\$ _____
41101MB	Prime coat grade MC-70 36 t	\$ _____	\$ _____
41103	Blotter 200 t	\$ _____	\$ _____
41201CM	Tack coat grade CSS-1, CSS-1h, SS-1, or SS-1h 11 t	\$ _____	\$ _____
55201A	Structural concrete class A (AE) 152 m3	\$ _____	\$ _____
55401	Reinforcing steel 8,684 kg	\$ _____	\$ _____
56304	Rock stain 2,000 m2	\$ _____	\$ _____
60105C	Concrete for pipe collar 30 m3	\$ _____	\$ _____
60201K	450 mm pipe culvert 67 m	\$ _____	\$ _____

Bid Schedule C

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
60201M	600 mm pipe culvert 1,350 m	\$ _____	\$ _____
60201N	750 mm pipe culvert 111 m	\$ _____	\$ _____
60201P	900 mm pipe culvert 32 m	\$ _____	\$ _____
60202N	885 mm span, 610 mm rise pipe arch culvert 110 m	\$ _____	\$ _____
60205ND	4200 mm span, 1200 mm rise precast reinforced concrete box culvert ( bottomless ) 31 m	\$ _____	\$ _____
60205NG	4200 mm span, 2100 mm rise precast reinforced concrete box culvert (bottomless) 13 m	\$ _____	\$ _____
60206K	End section for 450 mm pipe culvert 11 Each	\$ _____	\$ _____
60206M	End section for 600 mm pipe culvert 149 Each	\$ _____	\$ _____
60206N	End section for 750 mm pipe culvert 12 Each	\$ _____	\$ _____
60206P	End section for 900 mm pipe culvert 3 Each	\$ _____	\$ _____
60207N	End section for 885 mm span, 610 mm rise pipe arch culvert 16 Each	\$ _____	\$ _____
60209M	Elbow, 600 mm 59 Each	\$ _____	\$ _____

Bid Schedule C

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
60209MN	Elbow, 885 mm span, 610 mm rise pipe arch culvert 4 Each	\$ _____	\$ _____
60209N	Elbow, 750 mm 7 Each	\$ _____	\$ _____
60209P	Elbow, 900 mm 2 Each	\$ _____	\$ _____
60305ADA	10'-10" span, 3'-5" rise, structural-plate box, 0.109 inch (bottomless) 14 m	\$ _____	\$ _____
60404A	Catch basin type 1 24 Each	\$ _____	\$ _____
60409A	Metal frame and grate type A 7 Each	\$ _____	\$ _____
60409AB	Metal frame and grate type B 17 Each	\$ _____	\$ _____
60501	Underdrain system 1,500 m	\$ _____	\$ _____
60507F	150 mm outlet pipe 250 m	\$ _____	\$ _____
60901ZA	Portland cement concrete curb, 450 mm depth 5,655 m	\$ _____	\$ _____
60909B	Wheelstop (timber) 124 Each	\$ _____	\$ _____
60917	Timber curb 679 m	\$ _____	\$ _____

Bid Schedule C

Project: PFH 80-1(1) & 2(2)  
GUANELLA PASS ROAD PHASE1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
61301	Simulated stone masonry surface treatment ( Box Culvert Concrete Form-liner ) 131 m2	\$ _____	\$ _____
61301A	Simulated stone surfacing (MSE Wall Concrete Form-liner ) 3,822 m2	\$ _____	\$ _____
61302	Simulated stone masonry test wall ( Box Culverts Concrete Form-liner ) 1 Each	\$ _____	\$ _____
61302A	Simulated stone surfacing test section ( MSE Walls Concrete Form-liner ) 1 Each	\$ _____	\$ _____
61501BA	Colored Portland cement concrete sidewalk 29 m2	\$ _____	\$ _____
61504B	Portland cement concrete wheelchair ramp 5 m2	\$ _____	\$ _____
61701H	Guardrail system SBTB 5,140 m	\$ _____	\$ _____
61702FAT	Terminal section type FAT-9 15 Each	\$ _____	\$ _____
61702FATA	Terminal section type FAT-6 39 Each	\$ _____	\$ _____
61715	Guardrail, steel tube-backed timber ( Box Culverts ) 22 m	\$ _____	\$ _____
61901FA	Fence temporary construction 500 m	\$ _____	\$ _____
61901HD	Fence post and rail, wood 18 m	\$ _____	\$ _____

Bid Schedule C

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
61901LB	Fence, log barrier (toad) 1,250 m	\$ _____	\$ _____
61902F	Gate road closure 2 Each	\$ _____	\$ _____
61906	Remove and reset fence 60 m	\$ _____	\$ _____
62201AD	Dump truck, 7 cubic meter minimum capacity 200 Hour	\$ _____	\$ _____
62201BC	Backhoe loader, 180 liter minimum rated capacity bucket (600 mm width) 200 Hour	\$ _____	\$ _____
62201CE	Wheel loader, 3 cubic meter minimum rated capacity 200 Hour	\$ _____	\$ _____
62201DG	Bulldozer, 250 kW minimum flywheel power 120 Hour	\$ _____	\$ _____
62201LB	Motor grader, 3.6 meter minimum blade 200 Hour	\$ _____	\$ _____
62201M	Hydraulic excavator 120 Hour	\$ _____	\$ _____
62301	General labor 320 Hour	\$ _____	\$ _____
62406	Placing conserved topsoil 8,800 m3	\$ _____	\$ _____
62501B	Seeding, hydraulic method 32.0 ha	\$ _____	\$ _____

Bid Schedule C

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
62504B	Mulching, hydraulic method 32.0 ha	\$ _____	\$ _____
62516	Fertilizer, hydraulic method 20.0 ha	\$ _____	\$ _____
62602	Remove and replant trees and shrubs 1,167 Each	\$ _____	\$ _____
62602C	Emergent plugs 100 Each	\$ _____	\$ _____
62613A	Container stock, 4 liter 18 Each	\$ _____	\$ _____
62613B	Container stock, 20 liter 4,457 Each	\$ _____	\$ _____
62614	Willow staking 23,000 Each	\$ _____	\$ _____
62701D	Salvaged sod ( alpine ) 4,700 m2	\$ _____	\$ _____
62901B	Erosion control mat type 2 2,100 m2	\$ _____	\$ _____
63304CC	Signs, aluminum panels, type 3 sheeting 27 m2	\$ _____	\$ _____
63305BA	Posts, wood 100 mm x 100 mm 175 m	\$ _____	\$ _____
63305BB	Posts, wood 100 mm x 150 mm 80 m	\$ _____	\$ _____

Bid Schedule C

Project: PFH 80-1(1) & 2(2)  
GUANELLA PASS ROAD PHASE1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
63306B	Object markers type 2 176 Each	\$ _____	\$ _____
63307A	Delineators type 1 303 Each	\$ _____	\$ _____
63307G	Delineators flexible 374 Each	\$ _____	\$ _____
63310	Installing government furnished sign 14 Each	\$ _____	\$ _____
63401BA	Pavement markings type B, solid 328 m	\$ _____	\$ _____
63406	Pavement markings, symbols 129 Each	\$ _____	\$ _____
63504C	Barricade type 3 35 m	\$ _____	\$ _____
63506A	Cone type A 50 Each	\$ _____	\$ _____
63507	Construction sign 80 m2	\$ _____	\$ _____
63508	Drum 150 Each	\$ _____	\$ _____
63509	Flagger 13,000 Hour	\$ _____	\$ _____
63510	Pilot car 4,200 Hour	\$ _____	\$ _____

Bid Schedule C

Project: PFH 80-1(1) &amp; 2(2)

GUANELLA PASS ROAD PHASE1

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
63511	Temporary concrete barrier 800 m	\$ _____	\$ _____
63521B	Warning light type B 8 Each	\$ _____	\$ _____
63529	Temporary traffic signal system 2 Each	\$ _____	\$ _____
63543A	Traffic and safety supervisor ALL	Lump Sum	\$ _____
65001	Landscaping logs 35 Each	\$ _____	\$ _____
66201	Rockfall fence system 70 m	\$ _____	\$ _____

**TOTAL** \$ \_\_\_\_\_

Submitted by: \_\_\_\_\_  
Name of Bidder

# **SCHEDULE Z**

**CO PFH 80-1(1) & 2(2)  
7<sup>TH</sup> STREET BRIDGE AND ROAD IMPROVEMENTS  
PIKE AND ARAPAHOE NATIONAL FORESTS  
CLEAR CREEK AND PARK COUNTIES, COLORADO**

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
15101	Mobilization ALL	Lump Sum	\$ _____
15201	Construction survey and staking ALL	Lump Sum	\$ _____
15205	Bridge survey and staking ALL	Lump Sum	\$ _____
15401	Contractor testing ALL	Lump Sum	\$ _____
15501	Construction schedule ALL	Lump Sum	\$ _____
15703	Silt fence 120 m	\$ _____	\$ _____
15725A	Temporary diversion channel ALL	Lump Sum	\$ _____
15732	Sediment log 15 m	\$ _____	\$ _____
15801	Watering for dust control 40 m3	\$ _____	\$ _____
20103	Clearing and grubbing 100 m2	\$ _____	\$ _____
20301B	Removal of signs 1 Each	\$ _____	\$ _____
20305	Removal of structures and obstructions ALL	Lump Sum	\$ _____
20307	Sawcutting pavement 50 m	\$ _____	\$ _____
20401	Roadway excavation 130 m3	\$ _____	\$ _____
20402	Subexcavation 40 m3	\$ _____	\$ _____

Bid Schedule Z

Project: PFH 80-1(1) &amp; 2(2)

GEORGETOWN 7TH STREET BRIDGE AND ROAD IMPROVEMENTS

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
20405	Select borrow 70 m3	\$ _____	\$ _____
20804	Shoring and bracing ALL	Lump Sum	\$ _____
25101E	Placed riprap class 5 75 m3	\$ _____	\$ _____
25101F	Placed riprap class 6 15 m3	\$ _____	\$ _____
25111	Placed individual boulders 20 Each	\$ _____	\$ _____
30802B	Roadway aggregate method 2 160 t	\$ _____	\$ _____
40201	Minor hot asphalt concrete 100 t	\$ _____	\$ _____
41101MB	Prime coat grade MC-70 0.6 t	\$ _____	\$ _____
41103	Blotter 3.3 t	\$ _____	\$ _____
41201CM	Tack coat grade CSS-1, CSS-1h, SS-1, or SS-1h 0.2 t	\$ _____	\$ _____
50101N	Reinforced portland cement concrete pavement, 150 mm depth 112 m2	\$ _____	\$ _____
55201A	Structural concrete class A (AE) 135 m3	\$ _____	\$ _____
55301BM	Precast, prestressed concrete structural members, slab, 955 width, 216 depth 4 Each	\$ _____	\$ _____

Bid Schedule Z

Project: PFH 80-1(1) &amp; 2(2)

GEORGETOWN 7TH STREET BRIDGE AND ROAD IMPROVEMENTS

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
55301BN	Precast, prestressed concrete structural members, slab, 1000 width, 216 depth 5 Each	\$ _____	\$ _____
55401	Reinforcing steel 371 kg	\$ _____	\$ _____
55402	Epoxy coated reinforcing steel 5,951 kg	\$ _____	\$ _____
55601D	Timber bridge railing 27 m	\$ _____	\$ _____
55702	Treated structural timber and lumber 6.0 m3	\$ _____	\$ _____
60424B	Trench drain 18 m	\$ _____	\$ _____
60808	Concrete swale gutter 63 m2	\$ _____	\$ _____
60902N	Portland cement concrete curb and gutter, 150 mm depth 142 m	\$ _____	\$ _____
61906	Remove and reset fence 18 m	\$ _____	\$ _____
62101A	Right-of-way monument 3 Each	\$ _____	\$ _____
62401F	Furnishing and placing topsoil, 50 mm depth 70 m2	\$ _____	\$ _____
62502A	Seeding, dry method 70 m2	\$ _____	\$ _____

Bid Schedule Z

Project: PFH 80-1(1) &amp; 2(2)

GEORGETOWN 7TH STREET BRIDGE AND ROAD IMPROVEMENTS

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
62901B	Erosion control mat type 2 70 m2	\$ _____	\$ _____
63301	Sign installation 2 Each	\$ _____	\$ _____
63308A	Removing and resetting sign 7 Each	\$ _____	\$ _____
63504C	Barricade type 3 12 m	\$ _____	\$ _____
63507	Construction sign 15 m2	\$ _____	\$ _____
63508	Drum 20 Each	\$ _____	\$ _____
63509	Flagger 200 Hour	\$ _____	\$ _____
63801	Locate utilities 20 Each	\$ _____	\$ _____

**TOTAL** \$ \_\_\_\_\_

Submitted by: \_\_\_\_\_  
Name of Bidder

SUMMARY SHEET

ALTERNATIVE I.

Schedule A subtotal \$ \_\_\_\_\_

Schedule Z subtotal \$ \_\_\_\_\_

OVERALL PROJECT BID TOTAL, ALTERNATIVE I. \$ \_\_\_\_\_

ALTERNATIVE II.

Schedule B subtotal \$ \_\_\_\_\_

Schedule Z subtotal \$ \_\_\_\_\_

OVERALL PROJECT BID TOTAL, ALTERNATIVE II. \$ \_\_\_\_\_

ALTERNATIVE III.

Schedule C subtotal \$ \_\_\_\_\_

Schedule Z subtotal \$ \_\_\_\_\_

OVERALL PROJECT BID TOTAL, ALTERNATIVE III. \$ \_\_\_\_\_

Continuation of Bid Schedule

**BUY AMERICAN ACT**

It is understood and agreed that the materials and components listed in Subpart 25.1 of the Federal Acquisition Regulations are a part of this contract and are deemed to be Domestic Construction Material for the purposes of this contract.

Note to Contractor:

The following information and any applicable supporting data is required for evaluation of requests under FAR 52.225-11 paragraph (c) & (d) and FAR 52.225-12 paragraph (b).

Item 1.

Construction Material Description	Unit of Measure	Quantity	Cost Delivered to Job Site
Foreign Construction Material			
Comparable Domestic Material			

Item 2.

Construction Material Description	Unit of Measure	Quantity	Cost Delivered to Job Site
Foreign Construction Material			
Comparable Domestic Material			

*[\* Include all delivery costs to the construction site and any applicable duty (whether or not a duty-free entry certificate is issued).]*

Please include name, address, telephone number and contact for suppliers surveyed. Attach copy of response; if oral, attach summary.

**HAZARDOUS MATERIALS**

The following information and any applicable supporting data is required under FAR 52.223-3 paragraph (b) and defined under the latest version of Federal Standard No. 313.

Hazardous Material	Identification Number

<b>BID BOND</b> (See instructions on reverse)			DATE BOND EXECUTED (Must not be later than bid opening date)			OMB NO. 9000-0045		
Public reporting burden for this collection of information is estimated to average 25 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the FAR Secretariat (MVR), Federal Acquisition Policy Division, GSA, Washington, D.C. 20405.								
PRINCIPAL (Legal name and business address)						TYPE OF ORGANIZATION (*X* one)		
						<input type="checkbox"/> INDIVIDUAL		<input type="checkbox"/> PARTNERSHIP
<input type="checkbox"/> JOINT VENTURE		<input type="checkbox"/> CORPORATION		STATE OF INCORPORATION				
SURETY(IES) (Name and business address)								
PENAL SUM OF BOND					BID IDENTIFICATION			
PERCENT OF BID PRICE	AMOUNT NOT TO EXCEED				BID DATE	INVITATION NO.		
						<b>CO PFH 80-1(1) &amp; 2(2)</b> <b>GUANELLA PASS ROAD PHASE I</b>		
20 PERCENT	MILLION(S)	THOUSAND(S)	HUNDRED(S)	CENTS	FOR (Construction, Supplies or Services)	CONSTRUCTION		
<b>OBLIGATION:</b>								
We, the Principal and Surety(ies) are firmly bound to the United States of America (hereinafter called the Government) in the above penal sum. For payment of the penal sum, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally. However, where the Sureties are corporations acting as co-sureties, we, the Sureties, bind ourselves in such sum "jointly and severally" as well as "severally" only for the purpose of allowing a joint action or actions against any or all of us. For all other purposes, each Surety binds itself, jointly and severally with the Principal, for the payment of the sum shown opposite the name of the Surety. If no limit of liability is indicated, the limit of liability is the full amount of the penal sum.								
<b>CONDITIONS:</b>								
The Principal has submitted the bid identified above.								
<b>THEREFORE:</b>								
The above obligation is void if the Principal - (a) upon acceptance by the Government of the bid identified above, within the period specified therein for acceptance (sixty (60) days if no period is specified), executes the further contractual documents and gives the bond(s) required by the terms of the bid as accepted within the time specified (ten (10) days if no period is specified) after receipt of the forms by the principal; or (b) in the event of failure to execute such further contractual documents and give such bonds, pays the Government for any cost of procuring the work which exceeds the amount of the bid.								
Each Surety executing this instrument agrees that its obligation is not impaired by any extension(s) of time for acceptance of the bid that the Principal may grant to the Government. Notice to the surety(ies) of extension(s) are waived. However, waiver of the notice applies only to extensions aggregating not more than sixty (60) calendar days in addition to the period originally allowed for acceptance of the bid.								
<b>WITNESS:</b>								
The Principal and Surety(ies) executed this bid bond and affixed their seals on the above date.								
<b>PRINCIPAL</b>								
SIGNATURE(S)	1.  (Seal)		2.  (Seal)		3.  (Seal)		Corporate  Seal	
NAMES(S) & TITLE(S) (Typed)	1.		2.		3.			
<b>INDIVIDUAL SURETY(IES)</b>								
SIGNATURE(S)	1.  (Seal)			2.  (Seal)				
NAME(S) (Typed)	1.			2.				
<b>CORPORATE SURETY(IES)</b>								
SURETY A	NAME & ADDRESS				STATE OF INC.	LIABILITY LIMIT \$		Corporate  Seal
	SIGNATURE(S)	1.			2.			
	NAMES(S) & TITLE(S) (Typed)	1.			2.			

CORPORATE SURETY(IES) (Continued)					
<b>SURETY B</b>	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT \$	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAMES(S) & TITLE(S) (Typed)	1.	2.		
<b>SURETY C</b>	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT \$	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAMES(S) & TITLE(S) (Typed)	1.	2.		
<b>SURETY D</b>	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT \$	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAMES(S) & TITLE(S) (Typed)	1.	2.		
<b>SURETY E</b>	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT \$	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAMES(S) & TITLE(S) (Typed)	1.	2.		
<b>SURETY F</b>	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT \$	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAMES(S) & TITLE(S) (Typed)	1.	2.		
<b>SURETY G</b>	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT \$	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAMES(S) & TITLE(S) (Typed)	1.	2.		

**INSTRUCTIONS**

1. This form is authorized for use when a bid guaranty is required. Any deviation from this form will require the written approval of the Administrator of General Services.
2. Insert the full legal name and business address of the Principal in the space designated "Principal" on the face of the form. An authorized person shall sign the bond. Any person signing in a representative capacity (e.g., an attorney-in-fact) must furnish evidence of authority if that representative is not a member of the firm, partnership, or joint venture, or an officer of the corporation involved.
3. The bond may express penal sum as a percentage of the bid price. In these cases, the bond may state a maximum dollar limitation (e.g., 20% of the bid price but the amount not to exceed \_\_\_\_\_ dollars).
4. (a) Corporations executing the bond as sureties must appear on the Department of the Treasury's list of approved sureties and must act within the limitation listed therein. Where more than one corporate surety is involved, their names and addresses shall appear in the spaces (Surety A, Surety B, etc.) headed "CORPORATE SURETY(IES)." In the space designated "SURETY(IES)" on the face of the form, insert only the letter identification of the sureties.  
  
 (b) Where individual sureties are involved, a completed Affidavit of Individual Surety (Standard Form 28), for each individual surety, shall accompany the bond. The Government may require the surety to furnish additional substantiating information concerning its financial capacity.
5. Corporations executing the bond shall affix their corporate seals. Individuals shall execute the bond opposite the word "Corporate Seal"; and shall affix an adhesive seal if executed in Maine, New Hampshire, or any other jurisdiction requiring adhesive seals.
6. Type the name and title of each person signing this bond in the space provided.
7. In its application to negotiated contracts, the terms "bid" and "bidder" shall include "proposal" and "offeror."

FEDERAL ACQUISITION REGULATION

SOLICITATION PROVISIONS

Representations and Certifications

The offeror makes the following representations and certifications as a part of its offer. (Check the appropriate boxes and fill in any required information on D-1 through D-14)

**52.203-2 CERTIFICATE OF INDEPENDENT PRICE DETERMINATION. (APR 1985)**

(a) The offeror certifies that -

(1) The prices in this offer have been arrived at independently, without, for the purpose of restricting competition, any consultation, communication, or agreement with any other offeror or competitor relating to (i) those prices, (ii) the intention to submit an offer, or (iii) the methods or factors used to calculate the prices offered;

(2) The prices in this offer have not been and will not be knowingly disclosed by the offeror, directly or indirectly, to any other offeror or competitor before bid opening (in the case of a sealed bid solicitation) or contract award (in the case of a negotiated solicitation) unless otherwise required by law; and

(3) No attempt has been made or will be made by the offeror to induce any other concern to submit or not to submit an offer for the purpose of restricting competition.

(b) Each signature on the offer is considered to be a certification by the signatory that the signatory -

(1) Is the person in the offeror's organization responsible for determining the prices being offered in this bid or proposal, and that the signatory has not participated and will not participate in any action contrary to subparagraphs (a)(1) through (a)(3) above; or

(2) (i) Has been authorized, in writing, to act as agent for the following principals in certifying that those principals have not participated, and will not participate in any action contrary to subparagraphs (a)(1) through (a)(3) above \_\_\_\_\_ (insert full name of person(s) in the offeror's organization responsible for determining the prices offered in this bid or proposal, and the title of his or her position in the offeror's organization);

(ii) As an authorized agent, does certify that the principals named in subdivision (b)(2)(i) above have not participated, and will not participate, in any action contrary to subparagraphs (a)(1) through (a)(3) above; and

(iii) As an agent, has not personally participated, and will not participate, in any action contrary to subparagraphs (a)(1) through (a)(3) above.

(c) If the offeror deletes or modifies subparagraph (a)(2) above, the offeror must furnish with its offer a signed statement setting forth in detail the circumstances of the disclosure.

**52.204-3 TAXPAYER IDENTIFICATION. (OCT 1998)**

(a) Definitions.

"Common parent," as used in this provision, means that corporate entity that owns or controls an affiliated group of corporations that files its Federal income tax returns on a consolidated basis, and of which the offeror is a member.

"Taxpayer Identification Number (TIN)," as used in this provision, means the number required by the Internal Revenue Service (IRS) to be used by the offeror in reporting income tax and other returns. The TIN may be either a Social Security Number or an Employer Identification Number.

(b) All offerors must submit the information required in paragraphs (d) through (f) of this provision to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325(d), reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M, and implementing regulations issued by the IRS. If the resulting contract is subject to the payment reporting requirements described in Federal Acquisition Regulation (FAR) 4.904, the failure or refusal by the offeror to furnish the information may result in a 31 percent reduction of payments otherwise due under the contract.

(c) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (31 U.S.C. 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

(d) Taxpayer Identification Number (TIN).

\_\_\_\_\_ TIN: \_\_\_\_\_

\_\_\_\_\_ TIN has been applied for.

\_\_\_\_\_ TIN is not required because:

\_\_\_\_\_ Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the United States and does not have an office or place of business or a fiscal paying agent in the United States;

\_\_\_\_\_ Offeror is an agency or instrumentality of a foreign government;

\_\_\_\_\_ Offeror is an agency or instrumentality of the Federal Government.

(e) Type of organization.

\_\_\_\_\_ Sole proprietorship;

\_\_\_\_\_ Partnership;

\_\_\_\_\_ Corporate entity (not tax-exempt);

\_\_\_\_\_ Corporate entity (tax-exempt);

\_\_\_\_\_ Government entity (Federal, State, or local);

\_\_\_\_\_ Foreign government;

\_\_\_\_\_ International organization per 26 CFR 1.6049-4;

\_\_\_\_\_ Other \_\_\_\_\_

(f) Common parent.

\_\_\_\_\_ Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this provision.

\_\_\_\_\_ Name and TIN of common parent:

Name \_\_\_\_\_

TIN \_\_\_\_\_

**52.204-5 WOMEN-OWNED BUSINESS (OTHER THAN SMALL BUSINESS) (MAY 1999)**

(a) Definition.

"Women-owned business concern," as used in this provision, means a concern that is at least 51 percent owned by one or more women; or in the case of any publicly owned business, at least 51 percent of its stock is owned by one or more women; and whose management and daily business operations are controlled by one or more women.

(b) Representation. [Complete only if the offeror is a women-owned business concern and has not represented itself as a small business concern in paragraph (b)(1) of FAR 52.219-1, Small Business Program Representations, of this solicitation.] The offeror represents that it \_\_\_\_\_ is \_\_\_\_\_ is not a women-owned business concern.

**52.209-5 CERTIFICATION REGARDING DEBARMENT, SUSPENSION, PROPOSED DEBARMENT, AND OTHER RESPONSIBILITY MATTERS. (DEC 2001)**

(a) (1) The Offeror certifies, to the best of its knowledge and belief, that--

(i) The Offeror and/or any of its Principals--

(A) Are \_\_\_ are not \_\_\_ presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency;

(B) Have \_\_\_ have not \_\_\_, within the three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, state, or local) contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, or receiving stolen property;

(C) Are \_\_\_ are not \_\_\_ presently indicted for, or otherwise criminally or civilly charged by a governmental entity with, commission of any of the offenses enumerated in paragraph (a)(1)(i)(B) of this provision; and

(ii) The Offeror has \_\_\_ has not \_\_\_, within a three-year period preceding this offer, had one or more contracts terminated for default by any Federal agency.

(2) "Principals," for the purposes of this certification, means officers; directors; owners; partners; and, persons having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a subsidiary, division, or business segment, and similar positions).

THIS CERTIFICATION CONCERNS A MATTER WITHIN THE JURISDICTION OF AN AGENCY OF THE UNITED STATES AND THE MAKING OF A FALSE, FICTITIOUS, OR FRAUDULENT CERTIFICATION MAY RENDER THE MAKER SUBJECT TO PROSECUTION UNDER SECTION 1001, TITLE 18, UNITED STATES CODE.

- (b) The Offeror shall provide immediate written notice to the Contracting Officer if, at any time prior to contract award, the Offeror learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
- (c) A certification that any of the items in paragraph (a) of this provision exists will not necessarily result in withholding of an award under this solicitation. However, the certification will be considered in connection with a determination of the Offeror's responsibility. Failure of the Offeror to furnish a certification or provide such additional information as requested by the Contracting Officer may render the Offeror nonresponsible.
- (d) Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by paragraph (a) of this provision. The knowledge and information of an Offeror is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
- (e) The certification in paragraph (a) of this provision is a material representation of fact upon which reliance was placed when making award. If it is later determined that the Offeror knowingly rendered an erroneous certification, in addition to other remedies available to the Government, the Contracting Officer may terminate the contract resulting from this solicitation for default.

**52.219-1 SMALL BUSINESS PROGRAM REPRESENTATIONS (APR 2002)**

(a) (1) The North American Industry Classification System (NAICS) code for this acquisition is 237310.

(2) The small business size standard is \$28.5 million or fewer.

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(b) Representations.

(1) The offeror represents as part of its offer that it \_\_\_\_\_ is, \_\_\_\_\_ is not a small business concern.

(2) [Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.] The offeror represents, for general statistical purposes, that it \_\_\_\_\_ is, \_\_\_\_\_ is not, a small disadvantaged business concern as defined in 13 CFR 124.1002.

(3) [Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.] The offeror represents as part of its offer that it \_\_\_\_\_ is, \_\_\_\_\_ is not a women-owned small business concern.

(4) [Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.] The offeror represents as part of its offer that it \_\_\_\_\_ is, \_\_\_\_\_ is not a veteran-owned small business concern.

(5) [Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (b)(4) of this provision.] The offeror represents as part of its offer that it \_\_\_\_\_ is, \_\_\_\_\_ is not a service-disabled veteran-owned small business concern.

(6) [Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.] The offeror represents, as part of its offer, that-

(i) It \_\_\_\_\_ is, \_\_\_\_\_ is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material change in ownership and control, principal office, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR part 126; and

(ii) It \_\_\_\_\_ is, \_\_\_\_\_ is not a joint venture that complies with the requirements of 13 CFR part 126, and the representation in paragraph (b)(6)(i) of this provision is accurate for the HUBZone small business concern or concerns that are participating in the joint venture. [The offeror shall enter the name or names of the HUBZone small business concern or concerns that are participating in the joint venture: \_\_\_\_\_.] Each HUBZone small business concern participating in the joint venture shall submit a separate signed copy of the HUBZone representation.

(c) Definitions. As used in this provision-

"Service-disabled veteran-owned small business concern"-

(1) Means a small business concern-

(i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and

(ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

"Small business concern" means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR part 121 and the size standard in paragraph (a) of this provision.

"Veteran-owned small business concern" means a small business concern-

(1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

"Women-owned small business concern" means a small business concern-

(1) That is at least 51 percent owned by one or more women; or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and

(2) Whose management and daily business operations are controlled by one or more women.

(d) Notice.

(1) If this solicitation is for supplies and has been set aside, in whole or in part, for small business concerns, then the clause in this solicitation providing notice of the set-aside contains restrictions on the source of the end items to be furnished.

(2) Under 15 U.S.C. 645(d), any person who misrepresents a firm's status as a small, HUBZone small, small disadvantaged, or women-owned small business concern in order to obtain a contract to be awarded under the preference programs established pursuant to section 8(a), 8(d), 9, or 15 of the Small Business Act or any other provision of Federal law that specifically references section 8(d) for a definition of program eligibility, shall-

- (i) Be punished by imposition of fine, imprisonment, or both;
- (ii) Be subject to administrative remedies, including suspension and debarment; and
- (iii) Be ineligible for participation in programs conducted under the authority of the Act.

**52.219-2 EQUAL LOW BIDS. (OCT 1995)**

(a) This provision applies to small business concerns only.

(b) The bidder's status as a labor surplus area (LSA) concern may affect entitlement to award in case of tie bids. If the bidder wishes to be considered for this priority, the bidder must identify, in the following space, the LSA in which the costs to be incurred on account of manufacturing or production (by the bidder or the first-tier subcontractors) amount to more than 50 percent of the contract price.

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(c) Failure to identify the labor surplus area as specified in paragraph (b) of this provision will preclude the bidder from receiving priority consideration. If the bidder is awarded a contract as a result of receiving priority consideration under this provision and would have otherwise received award, the bidder shall perform the contract or cause the contract to be performed in accordance with the obligations of an LSA concern.

**52.219-19 SMALL BUSINESS CONCERN REPRESENTATION FOR THE SMALL BUSINESS COMPETITIVENESS DEMONSTRATION PROGRAM (OCT 2000)** Deviated

*Note to Contractor: If you require specifics about self certification for emerging small business, consult your telephone directory under Federal Government for the U.S. Small Business Administration's Office in your area. If you prefer, the Denver SBA Office would welcome your call at (303) 844-0513. You can locate the size standards on the following web site, <http://www.sba.gov/size>*

*The applicable small business concern size standard is North American Industry Classification System, NAICS Industry Code 234110 for highways and streets or 234120 for bridges and tunnels, Highway and Street Construction (formerly Standard Industrial Classification, Division C, Contract Construction, Code 1611 for highways and 1622 for bridges), for which the concern's average annual receipts for its preceding three fiscal years do not exceed \$27.5 million. The emerging small business size standard is \$13.75 million or fewer.*

*In paragraph (c) below, please fill out only Average Annual Gross Revenue. Number of Employees is not required and may be left blank.*

(a) Definition. "Emerging small business" as used in this solicitation, means a small business concern whose size is no greater than 50 percent of the numerical size standard applicable to the North American Industry Classification System (NAICS) code assigned to a contracting opportunity.

(b) [Complete only if the Offeror has represented itself under the provision at 52.219-1 as a small business concern under the size standards of this solicitation.] The Offeror \_\_\_ is, \_\_\_ is not an emerging small business.

(c) [Complete only if the Offeror is a small business or an emerging small business, indicating its size range.] Offeror's number of employees for the past 12 months [check this column if size standard stated in solicitation is expressed in terms of number of employees] or Offeror's average annual gross revenue for the last 3 fiscal years [check this column if size standard stated in solicitation is expressed in terms of annual receipts].

[Check one of the following.]

No. of Employees	Avg. Annual Gross Revenues
___ 50 or fewer	___ \$1 million or less
___ 51 - 100	___ \$1,000,001 - \$2 million
___ 101 - 250	___ \$2,000,001 - \$3.5 million
___ 251 - 500	___ \$3,500,001 - \$5 million
___ 501 - 750	___ \$5,000,001 - \$10 million
___ 751 - 1,000	___ \$10,000,001 - \$17 million
___ Over 1,000	___ Over \$17 million

**52.219-22 SMALL DISADVANTAGED BUSINESS STATUS. (OCT 1999)  
ALTERNATE I (OCT 1998)**

(a) General. This provision is used to assess an offeror's small disadvantaged business status for the purpose of obtaining a benefit on this solicitation. Status as a small business and status as a small disadvantaged business for general statistical purposes is covered by the provision at FAR 52.219-1, Small Business Program Representations.

(b) Representations.

(1) General. The offeror represents, as part of its offer, that it is a small business under the size standard applicable to this acquisition; and either--

\_\_\_ (i) It has received certification by the Small Business Administration as a small disadvantaged business concern consistent with 13 CFR 124, Subpart B; and

(A) No material change in disadvantaged ownership and control has occurred since its certification;

(B) Where the concern is owned by one or more disadvantaged individuals, the net worth of each individual upon whom the certification is based does not exceed \$750,000 after taking into account the applicable exclusions set forth at 13 CFR 124.104(c)(2); and

(C) It is identified, on the date of its representation, as a certified small disadvantaged business concern in the database maintained by the Small Business Administration (PRO-Net); or

\_\_\_\_ (ii) It has submitted a completed application to the Small Business Administration or a Private Certifier to be certified as a small disadvantaged business concern in accordance with 13 CFR 124, Subpart B, and a decision on that application is pending, and that no material change in disadvantaged ownership and control has occurred since its application was submitted.

(2) \_\_\_\_ For Joint Ventures. The offeror represents, as part of its offer, that it is a joint venture that complies with the requirements at 13 CFR 124.1002(f) and that the representation in paragraph (b)(1) of this provision is accurate for the small disadvantaged business concern that is participating in the joint venture. [The offeror shall enter the name of the small disadvantaged business concern that is participating in the joint venture: \_\_\_\_\_.]

(3) Address. The offeror represents that its address \_\_\_\_ is, \_\_\_\_ is not in a region for which a small disadvantaged business procurement mechanism is authorized and its address has not changed since its certification as a small disadvantaged business concern or submission of its application for certification. The list of authorized small disadvantaged business procurement mechanisms and regions is posted at <http://www.arnet.gov/References/sdbadjustments.htm>. The offeror shall use the list in effect on the date of this solicitation. "Address," as used in this provision, means the address of the offeror as listed on the Small Business Administration's register of small disadvantaged business concerns or the address on the completed application that the concern has submitted to the Small Business Administration or a Private Certifier in accordance with 13 CFR part 124, subpart B. For joint ventures, "address" refers to the address of the small disadvantaged business concern that is participating in the joint venture.

(c) Penalties and Remedies. Anyone who misrepresents any aspects of the disadvantaged status of a concern for the purposes of securing a contract or subcontract shall--

(1) Be punished by imposition of a fine, imprisonment, or both;

(2) Be subject to administrative remedies, including suspension and debarment; and

(3) Be ineligible for participation in programs conducted under the authority of the Small Business Act.

## **52.222-22 PREVIOUS CONTRACTS AND COMPLIANCE REPORTS. (FEB 1999)**

The offeror represents that--

(a) It \_\_\_\_ has, \_\_\_\_ has not participated in a previous contract or subcontract subject the Equal Opportunity clause of this solicitation;

(b) It \_\_\_\_ has, \_\_\_\_ has not filed all required compliance reports; and

(c) Representations indicating submission of required compliance reports, signed by proposed subcontractors, will be obtained before subcontract awards.

**52.223-13 CERTIFICATION OF TOXIC CHEMICAL RELEASE REPORTING  
(AUG 2003)**

(a) Executive Order 13148, of April 21, 2000, Greening the Government through Leadership in Environmental Management, requires submission of this certification as a prerequisite for contract award.

(b) By signing this offer, the offeror certifies that--

(1) As the owner or operator of facilities that will be used in the performance of this contract that are subject to the filing and reporting requirements described in section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) (42 U.S.C. 11023) and section 6607 of the Pollution Prevention Act of 1990 (PPA) (42 U.S.C. 13106), the offeror will file and continue to file for such facilities for the life of the contract the Toxic Chemical Release Inventory Form (Form R) as described in sections 313(a) and (g) of EPCRA and section 6607 of PPA; or

(2) None of its owned or operated facilities to be used in the performance of this contract is subject to the Form R filing and reporting requirements because each such facility is exempt for at least one of the following reasons: [Check each block that is applicable.]

\_\_\_\_ (i) The facility does not manufacture, process, or otherwise use any toxic chemicals listed in 40 CFR 372.65;

\_\_\_\_ (ii) The facility does not have 10 or more full-time employees as specified in section 313(b)(1)(A) of EPCRA, 42 U.S.C. 11023(b)(1)(A);

\_\_\_\_ (iii) The facility does not meet the reporting thresholds of toxic chemicals established under section 313(f) of EPCRA, 42 U.S.C. 11023(f) (including the alternate thresholds at 40 CFR 372.27, provided an appropriate certification form has been filed with EPA);

\_\_\_\_ (iv) The facility does not fall within the following Standard Industrial Classification (SIC) codes or their corresponding North American Industry Classification System (NAICS) sectors:

(A) Major group code 10 (except 1011, 1081, and 1094.

(B) Major group code 12 (except 1241).

(C) Major group codes 20 through 39.

(D) Industry code 4911, 4931, or 4939 (limited to facilities that combust coal and/or oil for the purpose of generating power for distribution in commerce).

(E) Industry code 4953 (limited to facilities regulated under the Resource Conservation and Recovery Act, Subtitle C (42 U.S.C. 6921, *et seq.*), or 5169, or 5171, or 7389 (limited to facilities primarily engaged in solvent recovery services on a contract or fee basis); or

\_\_\_\_ (v) The facility is not located within any State of the United States or its outlying areas.

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FEDERAL HIGHWAY ADMINISTRATION  
 CENTRAL FEDERAL LANDS HIGHWAY DIVISION  
 555 Zang Street, Room 259  
 Lakewood, Colorado 80228

BIDDER'S QUALIFICATIONS

INSTRUCTIONS: Answer all questions on this form inserting "none" or "not applicable" where appropriate. If more space is required attach additional sheets. Return the signed, dated and completed form with the bid to the address shown in the invitation for bids on or before the time set for bid opening. The prospective bidder shall provide any additional information requested by the Government during evaluation of the bids.

If the prospective bidder is a joint venture or general partnership, a separate Bidder's Qualifications form shall be provided individually for each joint venture participant or partner.

1. Name and address of business:

Name _____			DUNS Number * _____
Street _____			Home Office Congressional District (Insert District #) *
City _____	State _____	Zip Code _____	
County _____			
Telephone Number (Include Area Code) _____			
Fax Number (Include Area Code) _____			

\* Necessary for Government reporting purposes

2. a. Type of organization (check appropriate box):

<input type="checkbox"/> Individual	<input type="checkbox"/> Non-profit organization	<input type="checkbox"/> Corporation
<input type="checkbox"/> Partnership	<input type="checkbox"/> Joint Venture	<input type="checkbox"/> Incorporated in: _____

If a Foreign entity:

<input type="checkbox"/> Individual	<input type="checkbox"/> Non-profit organization	<input type="checkbox"/> Corporation
<input type="checkbox"/> Partnership	<input type="checkbox"/> Joint Venture	<input type="checkbox"/> Registered in: _____

b. Size and type of Business Concern (check appropriate boxes):

<input type="checkbox"/> Large Business Concern	<input type="checkbox"/> Small Disadvantaged Business Concern	<input type="checkbox"/> Emerging Small Business
<input type="checkbox"/> Small Business Concern	<input type="checkbox"/> Women-Owned Small Business	<input type="checkbox"/> SBA 8(a) Certified
<input type="checkbox"/> HUB Zone Business Concern	<input type="checkbox"/> Veteran Owned Business Concern	<input type="checkbox"/> Service-Disabled Veteran-Owned Business Concern

3. If a joint venture or general partnership:

- a. Provide the name under which the project will be bid, the home office address, and name of the principal who will represent the company with regard to this project if different from "1." above.

\_\_\_\_\_  
Principal

\_\_\_\_\_  
Business Name

\_\_\_\_\_  
Street

\_\_\_\_\_  
City                      State                      Zip Code

- b. Provide the name and home office addresses of each of the joint venture partners; indicate which partner is the sponsoring partner. Attach a separate sheet for additional partners.

_____ Sponsoring Partner	_____ Other Partner
_____ Street	_____ Street
_____ City                      State                      Zip Code	_____ City                      State                      Zip Code

4. Date organization established: \_\_\_\_\_

5. Name of succeeded business, if any: \_\_\_\_\_

6. How many years have you been in business as:

- a. General contractor \_\_\_ years.
- b. Subcontractor \_\_\_ years.

7. a. Furnish the following information concerning the owner, partners, officers and directors:

Name	Title	Percent of Business Owned	Years of Business Experience	
			Contracting	Other

- b. Attach resumes of these key personnel as well as the on-site project manager(s) and superintendent(s), and specifically identify the following:

- Present position, responsibility, and length of employment.
- Amount and type of construction experience.
- Amount and type of highway construction experience, including position, responsibility, and a brief project description of each period of employment.
- Formal education and training, professional or technical registrations or licenses.





10. Termination:

- a. Has your firm ever had a contract terminated for any reason? \_\_\_\_\_
- b. If the answer is yes, identify the project and owner for each termination, and explain the circumstances surrounding each termination. Attach additional sheet if necessary.

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11. Debarment and Suspension:

- a. Has your firm or any of the principals been suspended or debarred from bidding by any agency? \_\_\_\_\_
- b. If the answer is yes, identify the agency by which debarred or suspended, and date of reinstatement. Attach additional sheet if necessary.

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12. What types of work do you perform as general contractor?

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13. What types of work do you perform as subcontractor?

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14. What types of work do you generally sublet?

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15. Affidavit:

Certification: For the purpose of establishing construction capabilities, we furnish the above as a true and correct statement of our construction experience and further certify that all other statements are true and correct.

\_\_\_\_\_  
Business Name

\_\_\_\_\_

\_\_\_\_\_  
Date

\_\_\_\_\_  
By (Signature of Authorized Official)

\_\_\_\_\_  
Title

- 52.219-4 NOTICE OF PRICE EVALUATION PREFERENCE FOR HUBZONE SMALL BUSINESS CONCERNS (JAN 1999) 10% **Offeror elects to waive the evaluation.** \_\_\_\_\_
- 52.219-8 UTILIZATION OF SMALL BUSINESS CONCERNS. (OCT 2000)
- 52.219-9 SMALL BUSINESS SUBCONTRACTING PLAN (JAN 2002) -- ALTERNATE I (OCT 2001)
- 52.219-16 LIQUIDATED DAMAGES-SUBCONTRACTING PLAN. (JAN 1999)
- 52.222-3 CONVICT LABOR. (JUN 2003)
- 52.222-4 CONTRACT WORK HOURS AND SAFETY STANDARDS ACT - OVERTIME COMPENSATION. (SEPT 2000)
- 52.222-6 DAVIS-BACON ACT. (FEB 1995)
- 52.222-7 WITHHOLDING OF FUNDS. (FEB 1988)
- 52.222-8 PAYROLLS AND BASIC RECORDS. (FEB 1988)
- 52.222-9 APPRENTICES AND TRAINEES. (FEB 1988)
- 52.222-10 COMPLIANCE WITH COPELAND ACT REQUIREMENTS. (FEB 1988)
- 52.222-11 SUBCONTRACTS (LABOR STANDARDS). (FEB 1988)
- 52.222-12 CONTRACT TERMINATION-DEBARMENT. (FEB 1988)
- 52.222-13 COMPLIANCE WITH DAVIS-BACON AND RELATED ACT REGULATIONS. (FEB 1988)
- 52.222-14 DISPUTES CONCERNING LABOR STANDARDS. (FEB 1988)
- 52.222-15 CERTIFICATION OF ELIGIBILITY. (FEB 1988)
- 52.222-21 PROHIBITION OF SEGREGATED FACILITIES (FEB 1999)
- 52.222-26 EQUAL OPPORTUNITY. (APR 2002)
- 52.222-27 AFFIRMATIVE ACTION COMPLIANCE REQUIREMENTS FOR CONSTRUCTION. (FEB 1999)
- 52.222-35 EQUAL OPPORTUNITY FOR SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS. (DEC 2001)
- 52.222-36 AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES. (JUN 1998)
- 52.222-37 EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS. (DEC 2001)

(2) The Contracting Officer will apply the factor to a line item or a group of line items on which award may be made. The Contracting Officer will apply other evaluation factors described in the solicitation before application of the factor. The factor may not be applied if using the adjustment would cause the contract award to be made at a price that exceeds the fair market price by more than the factor in paragraph (b)(1) of this clause.

(c) Waiver of evaluation adjustment. A small disadvantaged business concern may elect to waive the adjustment, in which case the factor will be added to its offer for evaluation purposes. The agreements in paragraph (d) of this clause do not apply to offers that waive the adjustment.

\_\_\_\_\_ **Offeror elects to waive the adjustment.**

(d) Agreements.

(1) A small disadvantaged business concern, that did not waive the adjustment, agrees that in performance of the contract, in the case of a contract for-

(i) Services, except construction, at least 50 percent of the cost of personnel for contract performance will be spent for employees of the concern;

(ii) Supplies (other than procurement from a nonmanufacturer of such supplies), at least 50 percent of the cost of manufacturing, excluding the cost of materials, will be performed by the concern;

(iii) General construction, at least 15 percent of the cost of the contract, excluding the cost of materials, will be performed by employees of the concern; or

(iv) Construction by special trade contractors, at least 25 percent of the cost of the contract, excluding the cost of materials, will be performed by employees of the concern.

(2) A small disadvantaged business concern submitting an offer in its own name shall furnish in performing this contract only end items manufactured or produced by small disadvantaged business concerns in the United States or its outlying areas. This paragraph does not apply to construction or service contracts.

**52.225-11 Buy American Act-Construction Materials under Trade Agreements. (June 2003)**

(a) *Definitions.* As used in this clause-

"Component" means an article, material, or supply incorporated directly into a construction material.

"Construction material" means an article, material, or supply brought to the construction site by the Contractor or subcontractor for incorporation into the building or work. The term also includes an item brought to the site preassembled from articles, materials, or supplies. However, emergency life safety systems, such as emergency lighting, fire alarm, and audio evacuation systems, that are

# **APPENDIX**

## **SAMPLE SUBCONTRACTING PLAN & FAR CLAUSE 52.219-9 IN FULL TEXT**

SMALL BUSINESS SUBCONTRACTING PLAN

SOLICITATION OR PROJECT # \_\_\_\_\_ DATE \_\_\_\_\_

Contractor's Name and Address:

The following, together with any attachments, is hereby submitted as a Subcontracting Plan to satisfy the applicable requirements of Public Law 95-507.

1. (a) The following goals will be applicable to any contract awarded as a result of this solicitation.

	Dollars	% of (1)
(1) Total dollars planned to be subcontracted	_____	
(2) Total dollars planned to be subcontracted to Small Business Concerns (SB)	_____	_____
(3) Total dollars planned to be subcontracted to Small Disadvantaged Business Concerns (SDB)	_____	_____
(4) Total dollars planned to be subcontracted to Women-owned Small Business Concerns (WBE)	_____	_____
(5) Total dollars planned to be subcontracted to HUBZone Small Business Concerns (HUB)	_____	_____
(6) Total dollars planned to be subcontracted to Veteran-owned/Service-disabled Veteran-owned Small Business Concerns (VET)/(SDVET)	_____	_____

**In the event that you are not utilizing any of the above small business concerns, please state reason in section (b) below and describe method of determination.**

(b) Principal types of work to be subcontracted.

Type of Work (i.e. paving, fence, etc.)	Proposed Subcontractor _____ If known _____	Type of Concern					Estimated Cost _____
		SB	SDB	WBE	HUB	VET/SDVET	

- (c) Do the above estimated costs include indirect costs? \_\_\_ Yes \_\_\_ No. If yes, describe the method used to determine the proportionate share of indirect costs to be included with (2) SB, (3) SDB, (4) WBE, (5) HUB, and (6) VET/SDVET concerns.
- (d) The following method was used in developing subcontract goals (i.e., statement explaining how the product and service areas to be subcontracted were established, how the SB, SDB, WBE, HUB, and VET/SDVET small business concerns' capabilities were determined, and identification of source lists and organizations contacted to obtain SB, SDB, WBE, HUB, and VET/SDVET sources.)

2. The following individual will administer the subcontracting program:

Name:

Title:

Address:

Telephone:

This individual's specific duties, as they relate to the firms' subcontracting program, are as follows:

General overall responsibility for review, monitoring, and execution of the plan, including but not limited to:

- (a) Obtaining SB, SDB, WBE, HUB, and VET/SDVET small business sources from all possible sources.
- (b) Assuring inclusion of SB, SDB, WBE, HUB, and VET/SDVET firms in all solicitations where applicable.
- (c) Attending or arranging for attendance at Business Opportunity Workshops, Minority Business Enterprise Seminars, Trade Fairs, etc.
- (d) Conducting or arranging for the conduct of motivational training for purchasing personnel pursuant to the intent of Public Law 95-507.
- (e) Monitoring attainment of proposed goals.

- (f) Reviewing solicitations to delete statements, clauses, and other provisions which may tend to prohibit SB, SDB, WBE, HUB, and VET/SDVET participation.
  - (g) To help develop new suppliers, the following duties are added to or deleted from those specified above:
3. The following efforts will be taken to assure that SB, SDB, WBE, HUB, and VET/SDVET small business concerns will have an equitable opportunity to compete for subcontracts:
- (a) Outreach efforts will be made as follows:
    - (i) contacts with minority and small business trade associations,
    - (ii) contacts with business development organizations;
    - (iii) attendance at small and minority business procurement conferences and trade fairs;
    - (iv) sources will be requested from State highway department source lists and/or SBA's PRO-Net system at [www.sba.gov](http://www.sba.gov).
  - (b) The following internal efforts will be made to guide and encourage buyers:
    - (i) workshops, seminars, and training programs will be conducted;
    - (ii) activities will be monitored to evaluate compliance with this subcontracting plan.
  - (c) SB, SDB, WBE, HUB, and VET/SDVET small business concern source lists, guides, and other data identifying SB, SDB, WBE, HUB, and VET/SDVET small business concerns will be maintained and utilized by buyers in soliciting subcontracts.
  - (d) Additions to (or deletions from) the above listed efforts are as follows:
4. The bidder (offeror) agrees that the clause entitled "Utilization of Small Business Concerns" will be included in all subcontracts which offer further subcontracting opportunities, and all subcontractors, except small business concerns, which receive subcontracts in excess of \$500,000 or in the case of a contract for the construction of any public facility, \$1,000,000, will be required to adopt and comply with a subcontracting plan similar to this one. Such plans will be reviewed by comparing them with the provisions of Public Law 95-507, and assuring that all minimum requirements of an acceptable subcontracting plan shall be determined on a case-by-case basis depending on the supplies/services involved, the availability of potential small and disadvantaged subcontractors, and prior experience. Once approved and implemented, plans will be monitored through the submission of periodic reports, and/or, as time and availability of funds permit, periodic visits to the subcontractor facilities or reviews of applicable records and subcontracting program progress.
5. The bidder (offeror) agrees to cooperate in any studies or surveys as may be required by the contracting agency or the Small Business Administration in order to determine the extent of compliance by the bidder (offeror) with the subcontracting plan. Additionally, the bidder (offeror) agrees to assure that its subcontractors agree to submit Standard Forms 294 and 295.

6. The bidder (offeror) agrees to maintain at least the following types of records to document compliance with this subcontracting plan:
  - (a) SB, SDB, WBE, HUB, and VET/SDVET small business source lists, guides and other data identifying SB, SDB, WBE, HUB, and VET/SDVET vendors.
  - (b) Organizations contacted for SB, SDB, WBE, HUB, and VET/SDVET small business sources.
  - (c) On a contract-by-contract basis, records on all subcontract solicitations over \$100,000, indicating on each solicitation (1) whether small businesses were solicited, and if not, why not; (2) whether small disadvantaged businesses were solicited, and if not, why not; (3) whether women-owned small businesses were solicited, and if not, why not; (4) whether HUBZone small businesses were solicited, and if not, why not; (5) whether veteran-owned small businesses were solicited and if not, why not; (6) whether service-disabled veteran-owned small businesses were solicited and if not, why not, and reasons for the failure of solicited SB, SDB, WBE, HUB, or VET/SDVET small businesses to receive the subcontract award.
  - (d) Records to support other outreach efforts: contacts with Minority and Small Business Trade Associations, Business Development Organizations, and attendance at small and minority business procurement conferences and trade fairs.
  - (e) Records to support internal activities to guide and encourage buyers: workshops, seminars, training programs, and monitoring activities to evaluate compliance.
  - (f) On a contract-by-contract basis, records to support award data submitted to the Government to include name and address of subcontractor.
  - (g) Records to be maintained in addition to the above are as follows:
7. The bidder (offeror) agrees to:
  - (a) Assist SB, SDB, WBE, HUB, and VET/SDVET small business concerns by arranging solicitations, time for the preparation of bids, quantities, specifications, and delivery schedules so as to facilitate the participation by such concerns. Where the bidder's (offeror's) lists of potential SB, SDB, WBE, HUB, and VET/SDVET small business subcontractors are excessively long, reasonable effort shall be made to give all such concerns an opportunity to compete over a period of time.
  - (b) Provide adequate and timely consideration of the potentialities of SB, SDB, WBE, HUB, and VET/SDVET small business concerns in all "make-or-buy" decisions.
  - (c) Counsel and discuss subcontracting opportunities with representatives of SB, SDB, WBE, HUB, and VET/SDVET small business firms.

Plan Prepared by: \_\_\_\_\_ Date \_\_\_\_\_  
Contract Administration

TYPED NAME:

TITLE:

FIRM:

Plan Accepted by: \_\_\_\_\_ Date \_\_\_\_\_  
FHWA - CFLHD Contracting Officer

## **52.219-9 Small Business Subcontracting Plan. (Jan 2002)**

(a) This clause does not apply to small business concerns.

(b) Definitions. As used in this clause-

"Commercial item" means a product or service that satisfies the definition of commercial item in section 2.101 of the Federal Acquisition Regulation.

"Commercial plan" means a subcontracting plan (including goals) that covers the offeror's fiscal year and that applies to the entire production of commercial items sold by either the entire company or a portion thereof (e.g., division, plant, or product line).

"Individual contract plan" means a subcontracting plan that covers the entire contract period (including option periods), applies to a specific contract, and has goals that are based on the offeror's planned subcontracting in support of the specific contract, except that indirect costs incurred for common or joint purposes may be allocated on a prorated basis to the contract.

"Master plan" means a subcontracting plan that contains all the required elements of an individual contract plan, except goals, and may be incorporated into individual contract plans, provided the master plan has been approved.

"Subcontract" means any agreement (other than one involving an employer-employee relationship) entered into by a Federal Government prime Contractor or subcontractor calling for supplies or services required for performance of the contract or subcontract.

(c) The offeror, upon request by the Contracting Officer, shall submit and negotiate a subcontracting plan, where applicable, that separately addresses subcontracting with small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business concerns, small disadvantaged business, and women-owned small business concerns. If the offeror is submitting an individual contract plan, the plan must separately address subcontracting with small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns, with a separate part for the basic contract and separate parts for each option (if any). The plan shall be included in and made a part of the resultant contract. The subcontracting plan shall be negotiated within the time specified by the Contracting Officer. Failure to submit and negotiate the subcontracting plan shall make the offeror ineligible for award of a contract.

(d) The offeror's subcontracting plan shall include the following:

(1) Goals, expressed in terms of percentages of total planned subcontracting dollars, for the use of small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns as subcontractors. The offeror shall include all subcontracts that contribute to contract performance, and may include a proportionate share of products and services that are normally allocated as indirect costs.

(2) A statement of-

- (i) Total dollars planned to be subcontracted for an individual contract plan; or the offeror's total projected sales, expressed in dollars, and the total value of projected subcontracts to support the sales for a commercial plan;
- (ii) Total dollars planned to be subcontracted to small business concerns;
- (iii) Total dollars planned to be subcontracted to veteran-owned small business concerns;
- (iv) Total dollars planned to be subcontracted to service-disabled veteran-owned small business;
- (v) Total dollars planned to be subcontracted to HUBZone small business concerns;
- (vi) Total dollars planned to be subcontracted to small disadvantaged business concerns; and
- (vii) Total dollars planned to be subcontracted to women-owned small business concerns.

(3) A description of the principal types of supplies and services to be subcontracted, and an identification of the types planned for subcontracting to-

- (i) Small business concerns;
- (ii) Veteran-owned small business concerns;
- (iii) Service-disabled veteran-owned small business concerns;
- (iv) HUBZone small business concerns;
- (v) Small disadvantaged business concerns; and
- (vi) Women-owned small business concerns.

(4) A description of the method used to develop the subcontracting goals in paragraph (d)(1) of this clause.

(5) A description of the method used to identify potential sources for solicitation purposes (e.g., existing company source lists, the Procurement Marketing and Access Network (PRO-Net) of the Small Business Administration (SBA), veterans service organizations, the National Minority Purchasing Council Vendor Information Service, the Research and Information Division of the Minority Business Development Agency in the Department of Commerce, or small, HUBZone, small disadvantaged, and women-owned small business trade associations). A firm may rely on the information contained in PRO-Net as an accurate representation of a concern's size and ownership characteristics for the purposes of maintaining a small, veteran-owned small, service-disabled veteran-owned small, HUBZone small, small disadvantaged, and women-owned small business source list. Use of PRO-Net as its source list does not relieve a firm of its responsibilities (e.g., outreach, assistance, counseling, or publicizing subcontracting opportunities) in this clause.

(6) A statement as to whether or not the offeror included indirect costs in establishing subcontracting goals, and a description of the method used to determine the proportionate share of indirect costs to be incurred with-

- (i) Small business concerns;
- (ii) Veteran-owned small business concerns;
- (iii) Service-disabled veteran-owned small business concerns;
- (iv) HUBZone small business concerns;
- (v) Small disadvantaged business concerns; and
- (vi) Women-owned small business concerns.

(7) The name of the individual employed by the offeror who will administer the offeror's subcontracting program, and a description of the duties of the individual.

(8) A description of the efforts the offeror will make to assure that small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns have an equitable opportunity to compete for subcontracts.

(9) Assurances that the offeror will include the clause of this contract entitled "Utilization of Small Business Concerns" in all subcontracts that offer further subcontracting opportunities, and that the offeror will require all subcontractors (except small business concerns) that receive subcontracts in excess of \$500,000 (\$1,000,000 for construction of any public facility) to adopt a subcontracting plan that complies with the requirements of this clause.

(10) Assurances that the offeror will-

- (i) Cooperate in any studies or surveys as may be required;
- (ii) Submit periodic reports so that the Government can determine the extent of compliance by the offeror with the subcontracting plan;
- (iii) Submit Standard Form (SF) 294, Subcontracting Report for Individual Contracts, and/or SF 295, Summary Subcontract Report, in accordance with paragraph (j) of this clause. The reports shall provide information on subcontract awards to small business concerns, veteran-owned small business concerns, service-disabled veteran-owned small business concerns, HUBZone small business concerns, small disadvantaged business concerns, women-owned small business concerns, and Historically Black Colleges and Universities and Minority Institutions. Reporting shall be in accordance with the instructions on the forms or as provided in agency regulations.
- (iv) Ensure that its subcontractors agree to submit SF 294 and SF 295.

(11) A description of the types of records that will be maintained concerning procedures that have been adopted to comply with the requirements and goals in the plan, including establishing source lists; and a description of the offeror's efforts to locate small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns and award subcontracts to them. The records shall include at least the following (on a plant-wide or company-wide basis, unless otherwise indicated):

(i) Source lists (e.g., PRO-Net), guides, and other data that identify small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns.

(ii) Organizations contacted in an attempt to locate sources that are small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, or women-owned small business concerns.

(iii) Records on each subcontract solicitation resulting in an award of more than \$100,000, indicating-

(A) Whether small business concerns were solicited and, if not, why not;

(B) Whether veteran-owned small business concerns were solicited and, if not, why not;

(C) Whether service-disabled veteran-owned small business concerns were solicited and, if not, why not;

(D) Whether HUBZone small business concerns were solicited and, if not, why not;

(E) Whether small disadvantaged business concerns were solicited and, if not, why not;

(F) Whether women-owned small business concerns were solicited and, if not, why not; and

(G) If applicable, the reason award was not made to a small business concern.

(iv) Records of any outreach efforts to contact-

(A) Trade associations;

(B) Business development organizations;

(C) Conferences and trade fairs to locate small, HUBZone small, small disadvantaged, and women-owned small business sources; and

(D) Veterans service organizations.

(v) Records of internal guidance and encouragement provided to buyers through-

(A) Workshops, seminars, training, etc.; and

(B) Monitoring performance to evaluate compliance with the program's requirements.

(vi) On a contract-by-contract basis, records to support award data submitted by the offeror to the Government, including the name, address, and business size of each subcontractor. Contractors having commercial plans need not comply with this requirement.

(e) In order to effectively implement this plan to the extent consistent with efficient contract performance, the Contractor shall perform the following functions:

(1) Assist small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns by arranging solicitations, time for the preparation of bids, quantities, specifications, and delivery schedules so as to facilitate the participation by such concerns. Where the Contractor's lists of potential small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business subcontractors are excessively long, reasonable effort shall be made to give all such small business concerns an opportunity to compete over a period of time.

(2) Provide adequate and timely consideration of the potentialities of small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns in all "make-or-buy" decisions.

(3) Counsel and discuss subcontracting opportunities with representatives of small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business firms.

(4) Provide notice to subcontractors concerning penalties and remedies for misrepresentations of business status as small, veteran-owned small business, HUBZone small, small disadvantaged, or women-owned small business for the purpose of obtaining a subcontract that is to be included as part or all of a goal contained in the Contractor's subcontracting plan.

(f) A master plan on a plant or division-wide basis that contains all the elements required by paragraph (d) of this clause, except goals, may be incorporated by reference as a part of the subcontracting plan required of the offeror by this clause; provided-

(1) The master plan has been approved;

(2) The offeror ensures that the master plan is updated as necessary and provides copies of the approved master plan, including evidence of its approval, to the Contracting Officer; and

(3) Goals and any deviations from the master plan deemed necessary by the Contracting Officer to satisfy the requirements of this contract are set forth in the individual subcontracting plan.

(g) A commercial plan is the preferred type of subcontracting plan for contractors furnishing commercial items. The commercial plan shall relate to the offeror's planned subcontracting generally, for both commercial and Government business, rather than solely to the Government contract. Commercial plans are also preferred for subcontractors that provide commercial items under a prime contract, whether or not the prime contractor is supplying a commercial item.

(h) Prior compliance of the offeror with other such subcontracting plans under previous contracts will be considered by the Contracting Officer in determining the responsibility of the offeror for award of the contract.

(i) The failure of the Contractor or subcontractor to comply in good faith with-

- (1) The clause of this contract entitled "Utilization Of Small Business Concerns;" or
- (2) An approved plan required by this clause, shall be a material breach of the contract.

(j) The Contractor shall submit the following reports:

(1) Standard Form 294, Subcontracting Report for Individual Contracts. This report shall be submitted to the Contracting Officer semiannually and at contract completion. The report covers subcontract award data related to this contract. This report is not required for commercial plans.

(2) Standard Form 295, Summary Subcontract Report. This report encompasses all of the contracts with the awarding agency. It must be submitted semi-annually for contracts with the Department of Defense and annually for contracts with civilian agencies. If the reporting activity is covered by a commercial plan, the reporting activity must report annually all subcontract awards under that plan. All reports submitted at the close of each fiscal year (both individual and commercial plans) shall include a breakout, in the Contractor's format, of subcontract awards, in whole dollars, to small disadvantaged business concerns by North American Industry Classification System (NAICS) Industry Subsector. For a commercial plan, the Contractor may obtain from each of its subcontractors a predominant NAICS Industry Subsector and report all awards to that subcontractor under its predominant NAICS Industry Subsector.

(End of clause)

Alternate I (Oct 2001).

When contracting by sealed bidding rather than by negotiation, substitute the following paragraph (c) for paragraph (c) of the basic clause:

(c) The apparent low bidder, upon request by the Contracting Officer, shall submit a subcontracting plan, where applicable, that separately addresses subcontracting with small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns. If the bidder is submitting an individual contract plan, the plan must separately address subcontracting with small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns, with a separate part for the basic contract and separate parts for each option (if any). The plan shall be included in and made a part of the resultant contract. The subcontracting plan shall be submitted within the time specified by the Contracting Officer. Failure to submit the subcontracting plan shall make the bidder ineligible for the award of a contract.