

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE	OF PAGES
				CO PFH 80-1(1) & 2(2)	1	6
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)			
0003	12-4-2003		CO PFH 80-1(1) & 2(2)			
6. ISSUED BY	CODE	7. ADMINISTERED BY (If other than Item 6)		CODE		
Federal Highway Administration Central Federal Lands Highway Division, HFAC-16 555 Zang Street, Room 259 Lakewood, CO 80228-1010	69050001					
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(✓)	9A. AMENDMENT OF SOLICITATION NO.	
				✓	CO PFH 80-1(1) & 2(2)	
					9B. DATED (SEE ITEM 11)	
					11-3-2003	
					10A. MODIFICATION OF CONTRACT/ORDER NO.	
					10B. DATED (SEE ITEM 13)	
CODE	FACILITY CODE					

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning one copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return *(SEE 11. ABOVE) copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

INVITATION FOR BID DOCUMENT (all changes as noted are effective 12/04/2003):

**Remove Page A-1. Replace with new Page A-1; change to bid opening date as a result of this amendment from 12/11/2003 to 12/16/2003. Time and Location remain the same.

GUANELLA PASS ROAD SPECIAL CONTRACT REQUIREMENTS (all changes as noted are effective 12/04/2003):

**Remove Pages I-135 and I-140. Replace with new Pages I-135 and I-140; changes made to Subsections 613.02, 613.11 and 613.12.

**Remove Pages I-182 and I-183. Replace with new Page I-182 and I-183; changes made to Subsection 713.04 and formatting correction made to Subsection 713.06.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	

SOLICITATION, OFFER, AND AWARD <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
IMPORTANT - The "offer" section on the reverse must be fully completed by offeror.					
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 & 7TH 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~~ ~~12/11/03~~ 12/16/03 (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.

Section 609. – CURB AND GUTTER

Payment

609.11 Add the following:

Pay Item	Pay Unit
60917	Timber curb
	Meter

Section 613. – SIMULATED STONE MASONRY SURFACE

Description

613.01 Add the following:

The intent of this work is to duplicate the unique coloring, pattern, and surface texture of the existing natural dry-stack rock walls along the road in the Town of Georgetown. CO to determine rock wall location(s) to match.

This work includes furnishing and installing concrete form liners and furnishing and applying a color stain system to the concrete surfaces having a special texture (form liner) including MSE walls and headwalls and wingwalls of concrete box culverts.

(a) Delete the text and substitute the following:

Furnishing textured form liners for MSE retaining wall concrete faces and exposed vertical surfaces of headwalls and wingwalls of concrete box culverts.

Add the following:

(e) Providing Manufacturer's Technical Representatives prior to and during work performed under this section.

Material

613.02 Add the following:

Form liner release agent	725.30
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The stain will be a water based styrene-acrylic coating which is commercially manufactured for use as a exterior concrete stain and approved by the form liner manufacturer. Approved colors are available through Milestones, Inc., 235 Monroe St., Hudson, WI. 54016. Phone (715) 381-9660.

All cast-in-place concrete for MSE wall surfacing shall be Structural Concrete Class C(AE) per Section 552, with a minimum 28-day compressive strength, $f'c = 28$ MPa.

Provide a form liner Manufacturer's Technical Representative for on site technical supervision of the form liner installer during the form liner test walls work.

Provide a color/stain Manufacturer's Technical Representative for on site technical supervision of the Color Application Artist during the color/stain application test walls work.

Form liner manufacturer will provide a 1.2 m x 2.4 m mock-up panel to be colored. Mock-up panel will be colored by staining contractor at the same time the test walls are colored. Mock-up panel will be moved to ensure quality and consistency throughout the project. Mock-up panel will be returned to the Government at the end of the project.

The approved simulated stone masonry test wall and simulated stone surfacing test section will become the quality and aesthetic standard for the project and may supercede criteria established in this Section.

613.11 Acceptance. Delete number and title of the subsection and substitute the following:

613.10 Acceptance. Add the following:

Material for simulated stone surfacing will be evaluated under Subsections 106.02 and 106.03.

Construction of the simulated stone surfacing test section will be evaluated under Subsection 106.02.

Measurement

613.11 Add the following:

Measure simulated stone *masonry surfacing treatment (box culvert concrete form liner)* by the square meter. *Measurement for simulated stone masonry surface treatment for box culvert headwalls and wingwalls shall include furnishing and use of form liners, coloring/staining of surface, and all other work necessary to produce the finished surface in accordance with the above requirements.*

Measure simulated stone surfacing (MSE wall concrete form liner) by the square meter. Measurement for simulated stone surfacing for MSE walls shall include concrete, reinforcing, furnishing and use of form liners, coloring/staining of surface, and all other work necessary to produce the finished surface in accordance with the above requirements.

Measure simulated stone masonry test wall including concrete and surface finish by the each.

Measure simulated stone surfacing test section including concrete and surface finish by the each.

Payment

613.12 Delete the text ~~pay items~~ and substitute the following:

Pay Item	Pay Unit
61301 Simulated stone masonry surface treatment (box culvert concrete form liner)	Square meter
61301A Simulated stone surfacing (MSE wall concrete form liner)	Square meter
61302 Simulated stone masonry test wall	Each
61302A Simulated stone surfacing test section	Each

SUB-ALPINE SEED MIX

Botanical Name	Common Name	Percent of Mixture	PLS rate Kg/ hectare
GRASSES:			
Ceratochloa marginatus	Mountain Brome	22 %	11.93
Deschampsia cespitosa	Tufted Hairgrass	17 %	.33
Elymus trachycaulus	Slender Wheatgrass	22 %	6.75
Festuca saximontana	Rocky Mountain Fescue	20 %	.75
Poa alpina	Alpine Bluegrass	5%	.24
Poa ampla	Big Bluegrass	6 %	.33
TOTAL GRASS SEED		92%	20.33

Table A provides list of acceptable species to substitute for unavailable grass seed.

Table A- Substitutes for grass species unavailable

Botanical Name	Common Name	Percent of Mixture	PLS rate Kg/ hectare
GRASSES:			
Calamagrostis pupurascens	Purple Reedgrass	1 %	.01
Trisetum spicatum	Spike trisetum	1 %	.05

Choose five forb species from Table B and three tree and shrub species from Table C to add to sub-alpine grass mix to hand broadcast in Sub-alpine Zone in locations directed by C.O. *Seed Supply Agreement(s) with seed supplier/collector(s) may be needed to provide some of the seed from Tables B or C.*

Table B: Forbs (choose 5)

Botanical Name	Common Name	Percent of Mixture	PLS rate Kg/hectare
Forbs:			
Arnica cordifolia	Heartleaf Arnica	1 %	.05
Aquilegia coerulea	Colorado Blue Columbine	1%	.13
Epilobium angustifolium	Fireweed	1%	.01
Eriogonum umbellatum	Sulphurflower	1%	.12
Erigeron speciosus	Showy Daisy	1%	.04
Geranium viscosissimum	Wild Geranium	1%	.75
Helenium hoopesii	Orange Sneezeweed	1%	.27
Heliomeris multiflora	Showy Goldeneye	1%	.05
Penstemon whippleanus	Whipple Beardtongue	1%	.08
Senecio atratus	Black-Tip Groundsel	1%	.04
Senecio eremophilus ssp. kingii	Cut-Leaf Groundsel	1%	.05
Senecio serra or S. triangularis	Serrate Groundsel or Arrowhead Groundsel	1%	.04
Thermopsis divaricarpa or T. montana	Golden Banner	1 %	1.81
TOTAL FORB SEED		5%	Range: 0.18 to 3.08

Table C: Shrubs and Trees (choose 3)

Botanical Name	Common Name	Percent of Mixture	PLS rate Kg/ hectare
Shrubs and Trees:			
Distegia involucrata	Twinberry	1%	.12
Pinus aristata	Bristlecone Pine	1%	2.79
Picea engelmannii	Engelmann Spruce	1%	.49
Ribes arueum	Golden Currant	1%	.14
Ribes inerme	Gooseberry	1%	.13
Rubus idaeus	Raspberry	1%	.22
Sambucus racemosa	Redberry Elder	1%	.17
TOTAL SHRUB AND TREE SEED		3%	Range: 0.39 to 3.5

Summary of Sub-Alpine Seed Mix

Seed Type	Percent of Mixture	PLS rate Kg/hectare
<i>Grass Seed</i>	<i>92%</i>	<i>20.33</i>
<i>Forb Seed</i>	<i>5%</i>	<i>Range: 0.18 to 3.08</i>
<i>Shrub and Tree Seed</i>	<i>3%</i>	<i>Range: 0.39 to 3.5</i>
TOTAL SUB-ALPINE SEED	100%	Range: 20.9 to 26.91

713.05 Mulch. Add the following:

(i) **Mulch Tackifier.** Furnish Guar gum based tackifiers consisting of a minimum of 95% guar gum (by weight). The remaining elements to consist of dispersing and cross-link additives. Mulch tackifier to be SuperTack manufactured by Rantec or equivalent as approved by CO.

The material used for mulch tackifier is not to contain any weed seed, mineral filler, recycled cellulose fibers, clays, or other substances which may inhibit germination or growth of plants. The materials are to be nontoxic to plants, fish and other wildlife and shall be 100% biodegradable.

713.06 Plant Material. Add the following:

(a) **Quality of plant material.** Add the following:

All plant propagation material and field collected plants collected outside of the project right-of-way must meet the following environmental conditions in order to be accepted by the CO:

- (1) Annual Precipitation: 255mm to 635 mm.
- (2) Elevation- 2100 to 3560 meters (7000-11,700 feet) above sea level.
- (3) Sub-alpine to Alpine life zones.
- (4) States: Colorado, Utah, Wyoming, Montana and Idaho.
- (5) Hardiness Zones 2, 3, or 4. Hardiness Zones are defined in U.S.D.A. publications.

Contractor is responsible for obtaining all permits and approvals for access to public and private lands for the collections for plant material. Written evidence indicating such permission is to be submitted to the CO.

Nursery-grown Plant Material. Container stock plants to conform to the type, size and quantity specified. The growing medium, propagation methods, and cultural techniques employed to be such as to promote vigorous and healthy growth characteristic of the plant species.