



Department of Energy
Albuquerque Operations Office
P.O. Box 5400
Albuquerque, New Mexico 87185-5400

November 18, 1996

WM-62

Mr. Joseph J. Holonich, Chief
Uranium Recovery Branch
Office of Nuclear Material Safety
and Safeguards
Mail Stop T7J9
U.S. Nuclear Regulatory Commission
11545 Rockville Pike
Rockville, MD 20852-2738

Dear Mr. Holonich:

Enclosed are two copies each of Project Interface Document (PID) Numbers 06-S-50 and 06-S-51. PID 06-S-50 modifies Specification 02278 of the Subcontract Documents found in the Rifle Remedial Action Plan. The change is required to allow the use of a small percentage of Type C riprap that was found to be slightly out of specification. This change is considered a Class I since it affects a permanent design feature. Approval of this change by the Colorado Department of Public Health and the Environment (CDPHE) and the Nuclear Regulatory Commission (NRC) is required.

PID 06-S-51 makes minor modifications to the subcontract documents for placement of the long-term surveillance features and reclamation of the Estes Gulch access road. This PID is considered a Class III change, and therefore, does not require approval by the CDPHE nor NRC.

If you have any questions, please call me at (505) 845-5668.

Sincerely,

Sharon J. Arp
Site Manager
Uranium Mill Tailings Remedial Action Team
Environmental Restoration Division

Enclosures

cc w/enclosures:
J. Lambert, NRC

cc w/o enclosures:
S. Hamp, ERD
E. Artiglia, TAC
S. Cox, TAC
R. Hindman, MK-F

NL04/1

000003



MK-FERGUSON
A MORRISON KNUDSEN COMPANY

UMTRA PROJECT OFFICE PROJECT INTERFACE DOCUMENT

| | | | | |
|--|-----------------------|---------------------------|-------------|---|
| Site: RIFLE, COLORADO | Date: 10-15-96 | PID No: 06-S-50 | Site No: 06 | Vic. Prop. No: |
| Originator and Location: R. Hindman - MKF | Phone: (505) 246-2553 | Organization: MKF/MKES | Answer By: | Reference: Subcontract: RIFLE Subcontract No: RFL-92-01 |
| Subject: OVERSIZE TYPE C RIPRAP | | | | |

Description of Problem and Recommended Solution:

☐ Clarification

☒ Change

PROBLEM NO. 1

At Rifle, a small percentage of individual particles of Type C riprap material placed in the Permanent Toe Ditch area have been sized and found to vary from 27"-40" in the largest dimension. This is contrary to the following specifications.

Specification 02278 2.4.A.1.a requires that Type C riprap be 100% passing the 24" screen and 40-100% pass the 18" screen etc. Specification 02278 2.4.A.1.b allows a maximum individual particle size of 90% of the riprap layer thickness or 27" (refer to PID 06-s-48 Rev. No. 1). The nominal riprap layer thickness in this placement area is 30" with an acceptable tolerance of 90%-125% or 27"-37.5".

Originator Robert C. Hindman 10-16-96

Disposition: ☒ Approved ☐ Disapproved ☐ Approved as Noted

Criteria Change? ☐ Yes ☒ No
(If Yes, DOE approval required)

Class 1

Sharon Rupp 10/31/96
DOE Site Manager Approval Date

| Signature | Date |
|--|----------|
| RAC Site Manager: <u>Robert C. Hindman</u> | 10-28-96 |
| RAC Project Control: <u>Debbie N. Thompson</u> | 10-28-96 |
| RAC Engineering/Design: <u>Debbie N. Thompson</u> | 10-23-96 |
| RAC Construction Engineer: <u>Spencer</u> | 10/28/96 |
| Reviewed for Quality Requirements: <u>Muelia Simpson</u> | 10-28-96 |

WORK COPY

| Distribution | Name | Location | Name | Location | Signature | Date | Cost/Time Est. |
|----------------------|--------------------|----------|------------------------|-----------------------------|-----------|------|--|
| RAC Site Mgr. | <u>R. W. Hec</u> | | RAC Constr. Engr. Mgr. | <u>C. Spencer</u> | | | <input type="checkbox"/> Attached |
| CJE Proj Engr. | <u>J. Hoo</u> | | RAC Qual. Mgr. | <u>D. Erickson</u> | | | <input checked="" type="checkbox"/> Not Required |
| TAC Site Mgr. | <u>J. Cox</u> | | Other | <u>D. Sanders</u> | | | <input type="checkbox"/> DOE Approval Req. |
| RAC Site Qual. Engr. | <u>J. Dike</u> | | | <u>D. Johnson</u> | | | |
| RAC HS&E Mgr. | <u>J. Erickson</u> | | | <u>J. Lewis / J. Jacobs</u> | | | |



MK-FERGUSON
A MORRISON KNUDSEN COMPANY

UMTRA PROJECT OFFICE PROJECT INTERFACE DOCUMENT

| | | | | |
|--|-----------------------|----------------------------|-------------|---|
| Site: RIFLE, COLORADO | Date: 10-15-96 | PID No: 06-S-50 | Site No: 06 | Vic. Prop. No: |
| Originator and Location: R. Hindman - MKF | Phone: (505) 246-2553 | Organization: MK-F/MKES | Answer By: | Reference: Subcontract: RIFLE Subcontract No: RFL-92-01 |
| Subject: OVERSIZE TYPE C RIPRAP | | | | |

Description of Problem and Recommended Solution:

☐ Clarification

☒ Change

PROBLEM NO. 1

At Rifle, a small percentage of individual particles of Type C riprap material placed in the Permanent Toe Ditch area have been sized and found to vary from 27"-40" in the largest dimension. This is contrary to the following specifications.

Specification 02278 2.4.A.1.a requires that Type C riprap be 100% passing the 24" screen and 40-100% pass the 18" screen etc. Specification 02278 2.4.A.1.b allows a maximum individual particle size of 90% of the riprap layer thickness or 27" (refer to PID 06-s-48 Rev. No. 1). The nominal riprap layer thickness in this placement area is 30" with an acceptable tolerance of 90%-125% or 27"-37.5".

Originator Robert C. Hindman 10-16-96

Disposition: ☒ Approved ☐ Disapproved ☐ Approved as Noted

Criteria Change? ☐ Yes ☒ No
(If Yes, DOE approval required)

Class I

DOE Site Manager Approval

Date

10/31/96

CONTROLLED
WORK COPY

RAC Site Manager: Robert C. Hindman 10-28-96

RAC Project Control: Debbie H. Thompson 10-28-96

RAC Engineering/Design: Debbie H. Thompson 10-23-96

RAC Construction Engineer: Debbie H. Thompson 10/28/96

Reviewed for Quality Requirements: Debbie H. Thompson 10-28-96

Signature

Date

Distribution

Name

Location

Name

Location

Cost/Time Est.

RAC Site Mgr. R. W. Hecce

RAC Constr. Engr. Mgr. C. Spryer

DOE Proj Engr. J. Nop

RAC Qual. Mgr. M. Crapton

TAC Site Mgr. J. Cox

Other D. Sanders

RAC Site Qual. Engr. J. N. Ke

B. Johnson

RAC HS&E Mgr. J. Crapton

J. Low / Jacobs

☐ Attached

☒ Not Required

☐ DOE Approval Req.

Discussion

The following issues are considered in support of the use of oversize materials ($>27"$):

- The percentage by volume of oversize particles is small, estimated at $\leq 5\%$.
- The primary placement location is in the Permanent Toe Ditch Outlet area. The Type C materials are underlain by 1' of Type B riprap and 6" of bedding material or Type D material.
- The maximum acceptable Type C layer thickness is 37.5", thereby providing sufficient depth for placement of oversize materials.
- The oversize materials will be evenly distributed within the mass with the largest dimension placed along the bedding plane where necessary.
- The oversize pieces will be placed such that they are well keyed with smaller pieces and that a uniform slope gradient is maintained.

A similar situation was addressed at Grand Junction (ref. PID 05-S-47 Rev. No. 2).

Solution

Revise Specification 02278 as follows:

Revise Article 2.4.A.1.b to read: (revision in bold italics)

- b. Maximum Size: No individual piece shall be greater than 90 percent of the riprap layer thickness. ***For Type C riprap material, oversize (+ 27 inch) material will be allowed, subject to the approval of the Contractor, provided that such oversize material is placed as specified in Article 3.1.M.***

Add new Article 3.1.M to read:

- M. Oversize material in the Type C riprap will be allowed subject to the approval of the Contractor, provided that the individual pieces are placed such that they are, evenly distributed throughout the riprap mass, the largest dimension is along the bedding plane, well keyed, and a uniform slope gradient is maintained.

RFP RFL-96-01

Addendum #3

Page 2

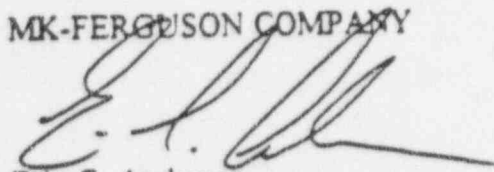
5. In Addendum No. 2, correct Item No. 2 of section 02200, Earthwork, Article 2.1.A, Access Road Reclamation, to read:
 - A. General: Fill materials shall be obtained from required excavation to the extent available. Where excavated materials do not meet the requirement of the Specifications or they are not available, the materials shall be furnished from Contractor designated sources and Subcontractor proposed sources approved by the Contractor.
6. Delete the requirement for the Subcontractor to submit a licensed copy of the computer software used for generating volume and cross-section information as required in Specification Section 01052.1.2.E for the Estes Gulch Access Road Reclamation.

All proposals are due October 30, 1996, to be received no later than 2.00 p.m. MST.

If you have any questions or comments, please contact the undersigned at (505) 845-5868.

Sincerely,

MK-FERGUSON COMPANY



Eric C. Anderson
Subcontract Administrator

cc: R.S. Withee

bcc w/enc:

J. Williams - DOE/CPD ALOO
Site Manager - DOE/UMTRA PO
R.C. Hindman
S/C File

bcc w/o enc:

R.M. Harrison
R.E. Cooney
C.R. Spencer
W.W. Johnson
M.D. Grayson
J.M. Isham
J.H. Coffman
~~D.R. Sanders~~
ECA/LB



MORRISON KNUDSEN CORPORATION
ENGINEERING, CONSTRUCTION & ENVIRONMENTAL GROUP

UMTRA PROJECT

PROJECT INTERFACE DOCUMENT (PID)

| | | | | |
|---|-----------------------|----------------------|-------------|--|
| Site: Rifle, Colorado | Date: 7 November 1996 | PID No. 06-S-51 | Site No. 06 | Vic. Prop. No. |
| Originator and Location Hiren Majumdar | Phone 415/442-8893 | Organization MKES | Answer By: | References: Subcontract: Subcontract No: RFL-96-01 RFL-96-01A |
| Subject Revise Rifle Subcontracts RFL-LTSP-1 (Long-Term Surveillance Plan, Part 1), and RFL-III (Estes Gulch Access Road Reclamation), to incorporate Addenda Nos. 1 through 4. | | | | |

Description of Problem and Recommended Solution

☐ Clarification

☒ Change

PROBLEM

Addenda Nos. 1 through 4 issued during the bidding cycle implemented changes to the Subcontract Documents for RFL-LTSP-1 (Long-Term Surveillance Plan, Part 1), and RFL-III (Estes Gulch Access Road Reclamation).

[Continued on the following sheet]

Originator

H. Majumdar
Signature

Nov 07/96
Date

Disposition ☒ Approved ☐ Disapproved ☐ Approved as Noted

RAC Site Manager

Robert C. Henderson

11-8-96

Criteria Change? ☐ Yes ☒ No
(If Yes, DOE approval required)

RAC Project Control

Will Kipp

11-8-96

RAC Engineering/Design

J. H. Kent

11/07/96

RAC Construction Engineer

Robert C. Henderson

11-8-96

Class II RCH 11-8-96

**CONTROLLED
WORK COPY**

Review for Quality
Requirements

Murphy D. Thompson
Signature

11-8-96
Date

N/A
DOE Site Manager Approval

Date

Distribution Name Location

RAC Site Mgr. R. Wilhee

RAC Const. Engr. Mgr. C. Spencer

DOE Proj. Engr. J. Myp

RAC Qual. Mgr. M. Crayton

TAC Site Mgr. J. Cox

Other D. Sanders

RAC Site Qual. Engr. J. Pike

B. Johnson

RAC HS&E Mgr. J. Colman

J. Law/facobs

Cost/Time Est.

☐ Attached

☒ Not Required

☐ DOE Approval Req.

SOLUTION

Incorporate all outstanding items in Subcontract Documents for Long-Term Surveillance Plan, Part I (RFL-LTSP-1) and for Estes Gulch Access Road Reclamation (RFL-III) in accordance with attached Addenda Nos. 1 through 4.

ENGINEERS
AND
CONSTRUCTORS



MK-FERGUSON COMPANY
A MORRISON KNUDSEN COMPANY

HEADQUARTERS OFFICE
1800 WEST 3RD STREET
CLEVELAND OHIO U.S.A. 44113-1408
PHONE (216) 527-9800/161 EX. 965562

REPLY TO MK FERGUSON COMPANY
REMEDIAL ACTIONS
CONTRACTOR-UNTRE PROJECT
PO BOX 9126
ALBUQUERQUE NEW MEXICO U.S.A. 87119

October 22, 1996

(VIA FEDERAL EXPRESS)

1-
2-
3-

Attention: 4-

SUBJECT: ADDENDUM NO. 01 TO REQUEST FOR PROPOSAL (RFP)

REFERENCE: RFP RFL-96-01

Dear Sirs:

You are hereby notified of the issuance of Addendum No. 01 to RFP RFL-96-01. By this addendum, the following shall apply:

RFL-LTSP-1

Section 00310, Bid Schedule

1. Delete Bid Item 004 in it's entirety.

Section 01055, Monuments And Surveys

1. Delete Article 1.1.A.2 in it's entirety.
2. Revise Article 3.1.A to read;
"Site Markers, Survey Monuments, and Boundary Monuments will be located as shown in Table 01055-1 and in Subcontract Drawing RFL-DS-10-0741. Specific locations will be staked in the field by the Contractor."
3. Delete Articles 3.1.B, and 3.1.C in their entirety.
4. Redesignate existing Article 3.1.D to 3.1.B.

MK-FERGUSON COMPANY
A SOUTHERN COMPANYRFL-96-01
Addendum #1
Page 3RFL-96-01A - RFL-III ESTES GULCH ACCESS ROAD RECLAMATION

Section 02935, Seeding

1. Revise Article 2.1.A. to read:
 - A. The following seed mix shall be used:

| 1. | <u>Seed Species</u> | <u>Seeding Rate Pure Live Seed (Pounds Per Acre)</u> |
|----|--|--|
| | Thickspike Wheatgrass (Elymus lanceolatus lanceolatus var. Critana) | 4.0 |
| 2. | Bluebunch Wheatgrass (Psuedoroegneria spicata spicata var. Secar) | 4.0 |
| 3. | Big Bluegrass (Poa ampla var. Sherman) | 1.0 |
| 4. | Small Burnet (Sanguisorba minor var. Delar) | 3.0 |
| 5. | Sagebrush (Artemisia tridentata wyomingensis var. Gordon Creek) | <u>0.25</u> |
| | Total | 12.25 |

All other requirements established by RFP RFL-96-01 remain unchanged. You are reminded that acknowledgment of all addenda is required in the Proposal for Construction Work, Section 1: Offeror's Price.

ENGINEERS
AND
CONSTRUCTORS



MK-FERGUSON COMPANY
A MORRISON KNUDSEN COMPANY

HEADQUARTERS OFFICE
1300 WEST 3RD STREET
CLEVELAND, OHIO U.S.A. 44113-1406
PHONE: (216) 523-5900/TELEX: 985542

REPLY TO MK-FERGUSON COMPANY
REMEDIAL ACTIONS
CONTRACTOR-UMTRA PROJECT
PO BOX 8136
ALBUQUERQUE, NEW MEXICO U.S.A. 87118

October 23, 1996

(VIA FEDERAL EXPRESS)

1-
2-
3-

Attention: 4-

SUBJECT: ADDENDUM NO. 02 TO REQUEST FOR PROPOSAL (RFP)

REFERENCE: RFP RFL-96-01

Dear Sirs:

You are hereby notified of the issuance of Addendum No. 02 to RFP RFL-96-01. By this addendum, the following shall apply:

RFL-96-01A - RFL-III ESTES GULCH ACCESS ROAD RECLAMATION

Section 0310, Bid Schedule

1. Bid Item 203, Revise the estimated quantity from 5,000 C.Y. to 3,000 C.Y.

Section 02200, Earthwork

1. Revise Article 1.5.C to read;
C. Suitability of Materials: The suitability of all materials for foundations and backfill will be determined by the Contractor.
2. Revise Article 2.1.A. to read;
A. General: Fill materials shall be obtained from required excavations to the extent available. Where excavated materials do not meet the requirements of the Specifications or they are not available, the materials shall be furnished from borrow areas submitted and approved by the Contractor.
3. Delete Article 2.1.B in it's entirety. Redesignate Article 2.1.C to 2.1.B.

ENGINEERS
AND
CONSTRUCTORS



MK-FERGUSON COMPANY
A MORRISON KNUDSEN COMPANY

HEADQUARTERS OFFICE
1800 WEST 3RD STREET
CLEVELAND OHIO U.S.A. 44113-1408
PHONE (216) 527-9800/TELEX 965542

REPLY TO MK FERGUSON COMPANY
REMEDIAL ACTIONS
CONTRACTOR-UNITA PROJECT
PO BOX 9126
ALBUQUERQUE NEW MEXICO U.S.A. 87119

October 22, 1996

(VIA FEDERAL EXPRESS)

1-
2-
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Attention: 4-

SUBJECT: ADDENDUM NO. 01 TO REQUEST FOR PROPOSAL (RFP)

REFERENCE: RFP RFL-96-01

Dear Sirs:

You are hereby notified of the issuance of Addendum No. 01 to RFP RFL-96-01. By this addendum, the following shall apply:

RFL-LTSP-I

Section 00310, Bid Schedule

1. Delete Bid Item 004 in it's entirety.

Section 01055, Monuments And Surveys

1. Delete Article 1.1.A.2 in it's entirety.
2. Revise Article 3.1.A to read;
"Site Markers, Survey Monuments, and Boundary Monuments will be located as shown in Table 01055-1 and on Subcontract Drawing RFL-DS-10-0741. Specific locations will be staked in the field by the Contractor."
3. Delete Articles 3.1.B, and 3.1.C in their entirety.
4. Redesignate existing Article 3.1.D to 3.1.B.

MK-FERGUSON COMPANY
A GRANITE MONUMENT COMPANY

RFL-96-01
Addendum #1
Page 2

5. Delete Article 4.1.B in it's entirety.
6. Delete Article 4.2.B in it's entirety.

Section 10421, Site Markers

1. Revise first sentence of Article 2.2.A. to read;
"Site Markers: The site markers shall be unpolished Sierra White granite or approved equal."

Drawing No. RFL-DS-10-0741

1. Revise the second portion of Note 2 to read;
"THE EXACT COORDINATES OF SITE BOUNDARY CORNERS WILL BE DETERMINED BASED ON THE LEGAL BOUNDARY DESCRIPTION OF THE PERMANENT WITHDRAWAL AREA AS SURVEYED BY THE CONTRACTOR PRIOR TO INSTALLATION OF MONUMENTS, SEE NOTES 3,4, AND 5 FOR BOUNDARY MONUMENTS."
2. Revise Note 8 to read;
"THE SUBCONTRACTOR SHALL LOCATE THE PERIMETER AND ENTRANCE SIGNS PRIOR TO INSTALLATION AS APPROVED BY THE CONTRACTOR. THE ENTRANCE SIGN SHALL BE LOCATED IMMEDIATELY ADJACENT TO THE ACCESS ROAD NEAR THE SITE ENTRANCE AND GATE. THE CONTRACTOR WILL LOCATE THE SURVEY MONUMENTS, BOUNDARY MONUMENTS, AND SITE MARKERS PRIOR TO INSTALLATION."

General Information

A potential source with previous experience in supplying the Granite Site Markers is:

Carlson Memorials
237 South Avenue
Grand Junction, Colorado
970-242-7264

MK-FERGUSON COMPANY
A DIVISION OF FERGUSON INDUSTRIESRFL-96-01
Addendum #1
Page 3RFL-96-01A - RFL-III ESTES GULCH ACCESS ROAD RECLAMATION

Section 02935, Seeding

1. Revise Article 2.1.A. to read:
 - A. The following seed mix shall be used:

| 1. | <u>Seed Species</u> | <u>Seeding Rate Pure Live Seed (Pounds Per Acre)</u> |
|----|--|--|
| | Thickspike Wheatgrass (Elymus lanceolatus lanceolatus var. Critana) | 4.0 |
| 2. | Bluebunch Wheatgrass (Pseudoroegneria spicata spicata var. Secar) | 4.0 |
| 3. | Big Bluegrass (Poa ampla var. Sherman) | 1.0 |
| 4. | Small Burnet (Sanguisorba minor var. Delar) | 3.0 |
| 5. | Sagebrush (Artemisia tridentata wyomingensis var. Gordon Creek) | 0.25 |
| | Total | 12.25 |

All other requirements established by RFP RFL-96-01 remain unchanged. You are reminded that acknowledgment of all addenda is required in the Proposal for Construction Work, Section 1: Offeror's Price.


MK-FERGUSON COMPANY
A SUBSIDIARY OF FERGUSON CORPORATION

RFL-96-01
Addendum #1
Page 4

If you have any questions or comments, please contact the undersigned at (505) 845-5868.

Sincerely,

MK-FERGUSON COMPANY



Eric C. Anderson
Subcontract Administrator

cc: R.S. Withee

bcc w/enc:

J. Williams - DOE/CPD ALOO
Site Manager - DOE/UMTRA PO
R.C. Williams
S/C File

bcc w/o enc:

R.M. Harrison
R.E. Cooney
C.R. Spencer
W.W. Johnson
M.D. Grayson
J.M. Isham
J.H. Coffman
D.R. Sanders
ECA/LB

ENGINEERS
AND
CONSTRUCTORS



MK-FERGUSON COMPANY
A MORRISON KNUDSEN COMPANY

HEADQUARTERS OFFICE
1500 WEST 3RD STREET
CLEVELAND, OHIO U.S.A. 44113-1408
PHONE: (216) 523-5600/TELEX: 985542

REPLY TO MK-FERGUSON COMPANY
REMEDIAL ACTIONS
CONTRACTOR-UMTRA PROJECT
PO BOX 9136
ALBUQUERQUE, NEW MEXICO U.S.A. 87119

October 23, 1996

(VIA FEDERAL EXPRESS)

1-
2-
3-

Attention: 4-

SUBJECT: ADDENDUM NO. 02 TO REQUEST FOR PROPOSAL (RFP)

REFERENCE: RFP RFL-96-01

Dear Sirs:

You are hereby notified of the issuance of Addendum No. 02 to RFP RFL-96-01. By this addendum, the following shall apply:

RFL-96-01A - RFL-III ESTES GULCH ACCESS ROAD RECLAMATION

Section 0310, Bid Schedule

1. Bid Item 203, Revise the estimated quantity from 5,000 C.Y. to 3,000 C.Y.

Section 02200, Earthwork

1. Revise Article 1.5.C to read;
C. Suitability of Materials: The suitability of all materials for foundations and backfill will be determined by the Contractor.
2. Revise Article 2.1.A. to read;
A. General: Fill materials shall be obtained from required excavations to the extent available. Where excavated materials do not meet the requirements of the Specifications or they are not available, the materials shall be furnished from borrow areas submitted and approved by the Contractor.
3. Delete Article 2.1.B in its entirety. Redesignate Article 2.1.C to 2.1.B.

RFP RFL-96-01

Addendum #2

Page 2

4. Delete Article 3.5.B.2 in its entirety. Redesignate Article 3.5.B.3 and 3.5.B.4 to 3.5.B.2 and 3.5.B.3 respectively.

Section 02935, Seeding

1. Delete Article 1.2.B in its entirety.
2. Delete Article 2.3 in its entirety. Redesignate Articles 2.4 and 2.5 to 2.3 and 2.4 respectively.
3. Revise the last sentence of Article 3.1.B to read;
"A minimum of 6 inches of surface soil shall be in a loose condition at the time seed application."
4. Revise Article 4.1.B to read;
B. Separate measurement for payment will not be made for any incidental work and services; e.g., loosening the surface, mulching, watering, and erosion repair related to seeding.

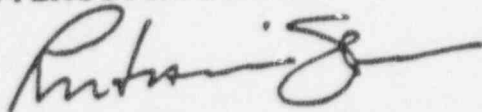
Drawing Nos RFL-AR-10-0770, RFL-AR-10-0771, RFL-AR-10-0772

1. Revise text from "SEED, FERTILIZE AND MULCH TEMPORARY WITHDRAWAL AREA" to "SEED AND MULCH TEMPORARY WITHDRAWAL AREA"

If you have any questions or comments, please contact the undersigned at (505) 845-5865.

Sincerely,

MK-FERGUSON COMPANY



Eric C. Anderson
Subcontract Administrator

cc: R.S. Withee

bcc w/enc:

J. Williams - DOE/CPD 12.00
Site Manager - DOE/UMTRA PO
R.C. Hindman
S/C File

bcc w/o enc:

R.M. Harrison
R.E. Cooney
C.R. Spencer
W.W. Johnson
M.D. Grayson
J.M. Isham
J.H. Coffman
D.A. Sanders

ENGINEERS
AND
CONSTRUCTORS



MK-FERGUSON COMPANY
A MORRISON KNUDSEN COMPANY

HEADQUARTERS OFFICE
1500 WEST 3RD STREET
CLEVELAND, OHIO U.S.A. 44113-4006
PHONE (216) 523-9600/TELEX 985542

MKES Doc. No.
3885-RF1 -L-02-06255-00

REPLY TO: MK-FERGUSON COMPANY
REMEDIAL ACTIONS
CONTRACTOR-UMTRA PROJECT
PO BOX 9136
ALBUQUERQUE NEW MEXICO U.S.A. 87119

October 28, 1996

(VIA FACSIMILE)

1-
2-
3-

Attention: 4-

SUBJECT: ADDENDUM NO. 03 TO REQUEST FOR PROPOSAL (RFP)

REFERENCE: RFP RFL-96-01

Dear 5-:

You are hereby notified of the issuance of Addendum No. 03 to RFP RFL-96-01. By this addendum, the following shall apply:

The following is in response to questions raised at the Pre-Bid meeting held on October 24, 1996:

1. All bidders must submit 'Appendix A', the Bid Schedule. 'Appendix A' was included in the bid package. Any proposer submitting the separate bid schedules included in the specification will be deemed nonresponsive.
2. The stockpile located at Estes that is available for general fill has to be used as fill for the project.
3. If the weather affects any portion of the work, at the discretion of the Contractor, the work may have to be completed next spring.
4. "Surface soil" will be required on areas adjacent to the new road where there is no soil. Approximately 3 inches of surface soil is available to be stripped, at the bidders option from the large area to be seeded just to the west of the north end of the access road. Importing surface soil is another option and all work required to excavate, load, haul, and place this surface soil should be incidental to the seeding work.

RFP RFL-96-01

Addendum #3

Page 2

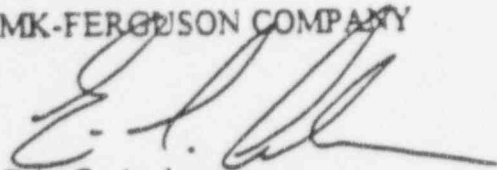
5. In Addendum No. 2, correct Item No. 2 of section 02200, Earthwork, Article 2.1.A, Access Road Reclamation, to read:
 - A. General: Fill materials shall be obtained from required excavation to the extent available. Where excavated materials do not meet the requirement of the Specifications or they are not available, the materials shall be furnished from Contractor designated sources and Subcontractor proposed sources approved by the Contractor.
6. Delete the requirement for the Subcontractor to submit a licensed copy of the computer software used for generating volume and cross-section information as required in Specification Section 01052.1.2.E for the Estes Gulch Access Road Reclamation.

All proposals are due October 30, 1996, to be received no later than 2.00 p.m. MST.

If you have any questions or comments, please contact the undersigned at (505) 845-5868.

Sincerely,

MK-FERGUSON COMPANY



Eric C. Anderson
Subcontract Administrator

cc: R.S. Withee

bcc w/enc:

J. Williams - DOE/CPD ALOO
Site Manager - DOE/UMTRA PO
R.C. Hindman
S/C File

bcc w/o enc:

R.M. Harrison
R.E. Cooney
C.R. Spencer
W.W. Johnson
M.D. Grayson
J.M. Isham
J.H. Coffman
~~Don Sanders~~
ECA/LB

ENGINEERS
AND
CONSTRUCTORS



MK-FERGUSON COMPANY
A MORRISON KNUDSEN COMPANY

HEADQUARTERS OFFICE
1500 WEST 3RD STREET
CLEVELAND OHIO U.S.A. 44113-1406
PHONE (216) 523-9600/TELEX 985542

REPLY TO MK FERGUSON COMPANY
REMEDIAL ACTIONS
CONTRACTOR-UNTRA PROJECT
PO BOX 9136
ALBUQUERQUE NEW MEXICO U.S.A. 87119

October 29, 1996

(VIA FACSIMILE)

1-
2-
3-

Attention: 4-

SUBJECT: ADDENDUM NO. 04 TO REQUEST FOR PROPOSAL (RFP)

REFERENCE: RFP RFL-96-01

Dear Sirs:

You are hereby notified of the issuance of Addendum No. 04 to RFP RFL-96-01. By this addendum, the following shall apply:

RFL-96-01A ESTES GULCH ACCESS ROAD RECLAMATION

Section 02200

Revise Article 4.1.C to read:

- C. Measurement for payment for excavation will be by the cubic yards of material excavated from the roadway. The quantities for payment will be computed by average end area method from surveys conducted by the Subcontractor before and after excavation operations. Surveys shall include cross-sectioning of the roadway and sideslopes at minimum 50-foot stations.

Revise Article 4.2.C to read:

Payment for excavation will be by the unit price per cubic yard quoted therefor in the Bid Schedule. The price quoted shall include full compensation for excavating the materials from the roadway, hauling the materials to the placement location, temporary stockpiles or to spoil areas if excess or unsuitable for use as fill. The price shall include all clearing, stripping, grading, shaping, and compacting such stockpiles or areas as specified.

RFP RFL-96-01

Addendum #4

Page 2

Revise Article 4.2.D to read:

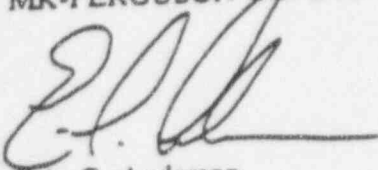
- D. Payment for furnishing and placing fill will be by the unit price per in-place, compacted cubic yard quoted therefor in the Bid Schedule. The price shall include full compensation for placing and compacting the materials in their final locations, including clearing, stripping, grading, shaping, preparing subgrade, and moisture conditioning as required. The price shall also include retrieval of materials from temporary stockpiles, excavation and hauling of materials from borrow areas, and borrow area restoration as required.

All proposals are due October 30, 1996, to be received no later than 2:00 p.m. MST.

If you have any questions or comments, please contact the undersigned at (505) 845-5868.

Sincerely,

MK-FERGUSON COMPANY



Eric C. Anderson
Subcontract Administrator

cc: R.S. Withee

bcc w/enc:

J. Williams - DOE/CPD ALOO
Site Manager - DOE/UMTRA PO
R.C. Hindman
S.T. Fife

bcc w/o enc:

R.M. Harrison
R.E. Cooney
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W.W. Johnson
M.D. Grayson
J.M. Isham
J.H. Coffman
W.A. Sanders
ECA/LB

ENGINEERS
AND
CONSTRUCTORS



MK-FERGUSON COMPANY
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1800 WEST 3RD STREET
CLEVELAND OHIO U.S.A. 44113-1408
PHONE (216) 322-9800/TELEX 963542

REPLY TO MK FERGUSON COMPANY
REMEDIAL ACTIONS
CONTRACTOR-UMTRA PROJECT
PO BOX 9136
ALBUQUERQUE NEW MEXICO U.S.A. 87119

October 22, 1996

(VIA FEDERAL EXPRESS)

1-
2-
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Attention: 4-

SUBJECT: ADDENDUM NO. 01 TO REQUEST FOR PROPOSAL (RFP)

REFERENCE: RFP RFL-96-01

Dear Sirs:

You are hereby notified of the issuance of Addendum No. 01 to RFP RFL-96-01. By this addendum, the following shall apply:

RFL-LTSP-1

Section 00310, Bid Schedule

1. Delete Bid Item 004 in it's entirety.

Section 01055, Monuments And Surveys

1. Delete Article 1.1.A.2 in it's entirety.
2. Revise Article 3.1.A to read;
"Site Markers, Survey Monuments, and Boundary Monuments will be located as shown in Table 01055-1 and on Subcontract Drawing RFL-DS-10-0741. Specific locations will be staked in the field by the Contractor."
3. Delete Articles 3.1.B, and 3.1.C in their entirety.
4. Redesignate existing Article 3.1.D to 3.1.B.

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A MEMORIALS COMPANY

RFL-96-01
Addendum #1
Page 2

5. Delete Article 4.1.B in it's entirety.
6. Delete Article 4.2.B in it's entirety.

Section 10421, Site Markers

1. Revise first sentence of Article 2.2.A. to read;
"Site Markers: The site markers shall be unpolished Sierra White granite or approved equal."

Drawing No. RFL-DS-10-0741

1. Revise the second portion of Note 2 to read;
"THE EXACT COORDINATES OF SITE BOUNDARY CORNERS WILL BE DETERMINED BASED ON THE LEGAL BOUNDARY DESCRIPTION OF THE PERMANENT WITHDRAWAL AREA AS SURVEYED BY THE CONTRACTOR PRIOR TO INSTALLATION OF MONUMENTS, SEE NOTES 3,4, AND 5 FOR BOUNDARY MONUMENTS."
2. Revise Note 8 to read;
"THE SUBCONTRACTOR SHALL LOCATE THE PERMETER AND ENTRANCE SIGNS PRIOR TO INSTALLATION AS APPROVED BY THE CONTRACTOR. THE ENTRANCE SIGN SHALL BE LOCATED IMMEDIATELY ADJACENT TO THE ACCESS ROAD NEAR THE SITE ENTRANCE AND GATE. THE CONTRACTOR WILL LOCATE THE SURVEY MONUMENTS, BOUNDARY MONUMENTS, AND SITE MARKERS PRIOR TO INSTALLATION."

General Information

A potential source with previous experience in supplying the Granite Site Markers is:

Carlson Memorials
237 South Avenue
Grand Junction, Colorado
970-242-7264

MK-FERGUSON COMPANY
A SUBSIDIARY OF HANSON CORP.RFL-96-01
Addendum #1
Page 3RFL-96-01A - RFL-III ESTES GULCH ACCESS ROAD RECLAMATION

Section 02935, Seeding

1. Revise Article 2.1.A. to read;
 - A. The following seed mix shall be used:

| 1. | <u>Seed Species</u> | <u>Seeding Rate</u> <u>Pure Live Seed</u> <u>(Pounds Per Acre)</u> |
|----|--|--|
| | Thickspike Wheatgrass (Elymus lanceolatus lanceolatus var. Critana) | 4.0 |
| 2. | Bluebunch Wheatgrass (Pseudoroegneria spicata spicata var. Secar) | 4.0 |
| 3. | Big Bluegrass (Poa ampla var. Sherman) | 1.0 |
| 4. | Small Burnet (Sanguisorba minor var. Delar) | 3.0 |
| 5. | Sagebrush (Artemisia tridentata wyomingensis var. Gordon Creek) | <u>0.25</u> |
| | Total | 12.25 |

All other requirements established by RFP RFL-96-01 remain unchanged. You are reminded that acknowledgment of all addenda is required in the Proposal for Construction Work, Section 1: Offeror's Price.


MK-FERGUSON COMPANY
A SUBSIDIARY OF MCKESSON CORPORATION

RFL-96-01
Addendum #1
Page 4

If you have any questions or comments, please contact the undersigned at (505) 845-5868.

Sincerely,

MK-FERGUSON COMPANY



Eric C. Anderson
Subcontract Administrator

cc: R.S. Withee

bcc w/enc:

J. Williams - DOE/CPD ALOO
Site Manager - DOE/UMTRA PO
R.C. Williams
S/C File

bcc w/o enc:

R.M. Harrison
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J.M. Isham
J.H. Coffman
D.R. Sanders
ECA/LB

ENGINEERS
AND
CONSTRUCTORS



MK-FERGUSON COMPANY
A MORRISON KNUDSEN COMPANY

HEADQUARTERS OFFICE
1500 WEST 3RD STREET
CLEVELAND, OHIO U.S.A. 44113-1406
PHONE: (216) 523-5600/TELEX: 985542

REPLY TO MK-FERGUSON COMPANY
REMEDIAL ACTIONS
CONTRACTOR-UMTRA PROJECT
P.O. BOX 9138
ALBUQUERQUE, NEW MEXICO U.S.A. 87119

October 23, 1996

(VIA FEDERAL EXPRESS)

1~
2~
3~

Attention: 4~

SUBJECT: ADDENDUM NO. 02 TO REQUEST FOR PROPOSAL (RFP)

REFERENCE: RFP RFL-96-01

Dear Sir:

You are hereby notified of the issuance of Addendum No. 02 to RFP RFL-96-01. By this addendum, the following shall apply:

RFL-96-01A - RFL-III ESTES GULCH ACCESS ROAD RECLAMATION

Section 0310, Bid Schedule

1. Bid Item 203, Revise the estimated quantity from 5,000 C.Y. to 3,000 C.Y.

Section 02200, Earthwork

1. Revise Article 1.5.C to read;
C. Suitability of Materials: The suitability of all materials for foundations and backfill will be determined by the Contractor.
2. Revise Article 2.1.A. to read;
A. General: Fill materials shall be obtained from required excavations to the extent available. Where excavated materials do not meet the requirements of the Specifications or they are not available, the materials shall be furnished from borrow areas submitted and approved by the Contractor.
3. Delete Article 2.1.B in its entirety. Redesignate Article 2.1.C to 2.1.B.

RFP RFL-96-01
Addendum #2
Page 2

4. Delete Article 3.5.B.2 in its entirety. Redesignate Article 3.5.B.3 and 3.5.B.4 to 3.5.B.2 and 3.5.B.3 respectively.

Section 02935, Seeding

1. Delete Article 1.2.B in its entirety.
2. Delete Article 2.3 in its entirety. Redesignate Articles 2.4 and 2.5 to 2.3 and 2.4 respectively.
3. Revise the last sentence of Article 3.1.B to read;
"A minimum of 6 inches of surface soil shall be in a loose condition at the time seed application."
4. Revise Article 4.1.B to read;
B. Separate measurement for payment will not be made for any incidental work and services; e.g., loosening the surface, mulching, watering, and erosion repair related to seeding.

Drawing Nos RFL-AR-10-0770, RFL-AR-10-0771, RFL-AR-10-0772

1. Revise text from "SEED, FERTILIZE AND MULCH TEMPORARY WITHDRAWAL AREA" to "SEED AND MULCH TEMPORARY WITHDRAWAL AREA"

If you have any questions or comments, please contact the undersigned at (505) 845-5868.

Sincerely,

MK-FERGUSON COMPANY



Eric C. Anderson
Subcontract Administrator

cc: R.S. Withee

bcc w/enc:

J. Williams - DOE/CPD /LOG
Site Manager - DOE/UMTRA PO
R.C. Hindman
S/C File

bcc w/o enc:

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ECA/LB

ENGINEERS
AND
CONSTRUCTORS



MK-FERGUSON COMPANY
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CLEVELAND, OHIO U.S.A. 44113-1406
PHONE (216) 523-5600/TELEX 985542

MKES Doc. No.
3885-RF1 -L-02-06255-00

REPLY TO MK FERGUSON COMPANY
REMEDIAL ACTIONS
CONTRACTOR-UMTRA PROJECT
PO BOX 8136
ALBUQUERQUE NEW MEXICO U.S.A. 87118

October 28, 1996

(VIA FACSIMILE)

1-
2-
3-

Attention: 4-

SUBJECT: ADDENDUM NO. 03 TO REQUEST FOR PROPOSAL (RFP)

REFERENCE: RFP RFL-96-01

Dear 5-:

You are hereby notified of the issuance of Addendum No. 03 to RFP RFL-96-01. By this addendum, the following shall apply:

The following is in response to questions raised at the Pre-Bid meeting held on October 24, 1996:

1. All bidders must submit 'Appendix A', the Bid Schedule. 'Appendix A' was included in the bid package. Any proposer submitting the separate bid schedules included in the specification will be deemed nonresponsive.
2. The stockpile located at Estes that is available for general fill has to be used as fill for the project.
3. If the weather affects any portion of the work, at the discretion of the Contractor, the work may have to be completed next spring.
4. "Surface soil" will be required on areas adjacent to the new road where there is no soil. Approximately 3 inches of surface soil is available to be stripped, at the bidders option from the large area to be seeded just to the west of the north end of the access road. Importing surface soil is another option and all work required to excavate, load, haul, and place this surface soil should be incidental to the seeding work.

ENGINEERS
AND
CONSTRUCTORS



MK-FERGUSON COMPANY
A MORRISON KNUDSEN COMPANY

HEADQUARTERS OFFICE
1500 WEST 3RD STREET
CLEVELAND, OHIO U.S.A. 44113-1406
PHONE (216) 523-9600/TELEX 985542

REPLY TO MK FERGUSON COMPANY
REMEDIAL ACTIONS
CONTRACTOR-UMTRA PROJECT
PO BOX 9136
ALBUQUERQUE NEW MEXICO U.S.A. 87119

October 29, 1996

(VIA FACSIMILE)

1-
2-
3-

Attention: 4-

SUBJECT: ADDENDUM NO. 04 TO REQUEST FOR PROPOSAL (RFP)

REFERENCE: RFP RFL-96-01

Dear Sirs:

You are hereby notified of the issuance of Addendum No. 04 to RFP RFL-96-01. By this addendum, the following shall apply:

RFL-96-01A ESTES GULCH ACCESS ROAD RECLAMATION

Section 02200

Revise Article 4.1.C to read:

- C. Measurement for payment for excavation will be by the cubic yards of material excavated from the roadway. The quantities for payment will be computed by average end area method from surveys conducted by the Subcontractor before and after excavation operations. Surveys shall include cross-sectioning of the roadway and sideslopes at minimum 50-foot stations.

Revise Article 4.2.C to read:

Payment for excavation will be by the unit price per cubic yard quoted therefor in the Bid Schedule. The price quoted shall include full compensation for excavating the materials from the roadway, hauling the materials to the placement location, temporary stockpiles or to spoil areas if excess or unsuitable for use as fill. The price shall include all clearing, stripping, grading, shaping, and compacting such stockpiles or areas as specified.

RFP RFL-96-01
Addendum #4
Page 2

Revise Article 4.2.D to read;

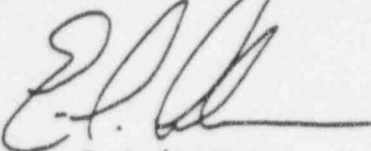
- D. Payment for furnishing and placing fill will be by the unit price per in-place, compacted cubic yard quoted therefor in the Bid Schedule. The price shall include full compensation for placing and compacting the materials in their final locations, including clearing, stripping, grading, shaping, preparing subgrade, and moisture conditioning as required. The price shall also include retrieval of materials from temporary stockpiles, excavation and hauling of materials from borrow areas, and borrow area restoration as required.

All proposals are due October 30, 1996, to be received no later than 2:00 p.m. MST.

If you have any questions or comments, please contact the undersigned at (505) 845-5868.

Sincerely,

MK-FERGUSON COMPANY



Eric C. Anderson
Subcontract Administrator

cc: R.S. Withee

bcc w/enc:

J. Williams - DOE/CFD ALOO
Site Manager - DOE/UMTRA PO
R.C. Hindman
S.T. Fsie

bcc w/o enc:

R.M. Harrison
R.E. Cooney
C.R. Spencer
W.W. Johnson
M.D. Grayson
J.M. Isham
J.H. Coffman
D.R. Sanders
ECA/LB


MORRISON KNUDSEN CORPORATION
ENGINEERING, CONSTRUCTION & ENVIRONMENTAL GROUP

UMTRA PROJECT
PROJECT INTERFACE DOCUMENT (PID)

| | | | | |
|--|-----------------------|----------------------|-------------|--|
| Site: Rifle, Colorado | Date: 7 November 1996 | PID No. 06-S-51 | Site No. 06 | Vic. Prop. No. |
| Originator and Location Hiren Majumdar | Phone 415/442-8893 | Organization MKES | Answer By: | References: Subcontract: Subcontract No: RFL-96-01 RFL-96-01A |
| Subject: Revise Rifle Subcontracts RFL-LTSP-1 (Long-Term Surveillance Plan, Part 1), and RFL-III (Estes Gulch Access Road Reclamation), to incorporate Addenda Nos. 1 through 4. | | | | |

Description of Problem and Recommended Solution
☐ Clarification

☒ Change

PROBLEM

Addenda Nos. 1 through 4 issued during the bidding cycle implemented changes to the Subcontract Documents for RFL-LTSP-1 (Long-Term Surveillance Plan, Part 1), and RFL-III (Estes Gulch Access Road Reclamation).

[Continued on the following sheet]

| | | | | | | |
|---|--|--|--|---------------------------------|----------------------------|------------------|
| Disposition | <input checked="" type="checkbox"/> Approved | <input type="checkbox"/> Disapproved | <input type="checkbox"/> Approved as Noted | Originator | <u>H. Majumdar</u> | <u>Nov 07/96</u> |
| Criteria Change? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | | Signature | | Date |
| (If Yes, DOE approval required) | | | | RAC Site Manager | <u>Robert C. Homelana</u> | <u>11-8-96</u> |
| Class <u>II</u> <u>ECN</u> <u>11-8-96</u> | | | | RAC Project Control | <u>Willi W. [unclear]</u> | <u>11-8-96</u> |
| | | | | RAC Engineering/Design | <u>[unclear]</u> | <u>11/07/96</u> |
| | | | | RAC Construction Engineer | <u>Robert C. Homelana</u> | <u>11-8-96</u> |
| | | | | Review for Quality Requirements | <u>Muelin D. [unclear]</u> | <u>11-8-96</u> |
| | | | | Signature | | Date |
| <u>N/A</u> | | | | DOE Site Manager Approval | | |
| | | | | Date | | |

| Distribution | Name | Location | Name | Location | Cost/Time Est. |
|----------------------|------------------------|----------|-----------------------|----------------------|--|
| RAC Site Mgr. | <u>R. W. [unclear]</u> | | RAC Const. Engr. Mgr. | <u>C. Spencer</u> | <input type="checkbox"/> Attached |
| DOE Proj. Engr. | <u>J. [unclear]</u> | | RAC Qual. Mgr. | <u>M. Crayton</u> | <input checked="" type="checkbox"/> Not Required |
| TAC Site Mgr. | <u>J. Cox</u> | | Other | <u>D. Sanders</u> | <input type="checkbox"/> DOE Approval Req. |
| RAC Site Qual. Engr. | <u>J. Dike</u> | | | <u>B. [unclear]</u> | |
| RAC HS&E Mgr. | <u>J. [unclear]</u> | | | <u>J. Law/jacobs</u> | |

SOLUTION

Incorporate all outstanding items in Subcontract Documents for Long-Term Surveillance Plan, Part I (RFL-LTSP-1) and for Estes Gulch Access Road Reclamation (RFL-III) in accordance with attached Addenda Nos. 1 through 4.