

DEPARTMENT OF THE ARMY
Omaha District, Corps of Engineers
106 South 15th Street
Omaha, Nebraska 68102-1618

:NOTICE: Failure to acknowledge : Solicitation No. DACA45 02 R 0024
:all amendments may cause rejec- :
:tion of the offer. See FAR : Date of Issue: 09 JUL 2002
:52.215-1 of Section 00100 : **Date of Receiving Phase 2 Proposals:**
: **02 OCT 2002**

Amendment No. 0006
18 September 2002

SUBJECT: **Amendment No. 0006** to Request for Proposal Solicitation Package
for Design and Construction of **REPLACE FAMILY HOUSING, MINOT AFB, ND.**
Solicitation No. DACA45 02 R 0024.

TO: Prospective Offerors and Others Concerned

1. The specifications and drawings for subject project are hereby modified
as follows (revise all specification indices, attachment lists, and drawing
indices accordingly).

a. Specifications. (Descriptive Changes.)

1. **Correction to Am_0005, Item 30.**, page number should be "9-29"
of Section 1000 not "9-26"; paragraph number is "9.20.1" not
"9.17.3".
2. **Section 00700, Page iv,** Index, item number 133., delete
"DELETED" remove strike-out of FAR title and reinstate by
adding:

"FAR 52.248-3 VALUE ENGINEERING--CONSTRUCTION (FEB 2000)
(ALERNATE I (APR 1984))"

3. **Section 00700, Page 95,** Item number 133., delete "DELETED"
remove strike-out of FAR title and paragraph contents and
reinstate entire FAR clause as follows:

"FAR 52.248-3 VALUE ENGINEERING--CONSTRUCTION (FEB 2000) (ALERNATE
I (APR 1984))"

(a) General. The Contractor is encouraged to develop, prepare,
and submit value engineering change proposals (VECP's) voluntarily.
The Contractor shall share in any instant contract savings realized
from accepted VECP's, in accordance with paragraph (f) of this clause.

(b) Definitions. "Collateral costs," as used in this clause,
means agency costs of operation, maintenance, logistic support, or
Government-furnished property.

"Collateral savings," as used in this clause, means those
measurable net reductions resulting from a VECP in the agency's overall
projected collateral costs, exclusive of acquisition savings, whether
or not the acquisition cost changes.

"Contractor's development and implementation costs," as used in this clause, means those costs the Contractor incurs on a VECP specifically in developing, testing, preparing, and submitting the VECP, as well as those costs the Contractor incurs to make the contractual changes required by Government acceptance of a VECP.

"Government costs," as used in this clause, means those agency costs that result directly from developing and implementing the VECP, such as any net increases in the cost of testing, operations, maintenance, and logistic support. The term does not include the normal administrative costs of processing the VECP.

"Instant contract savings," as used in this clause, means the estimated reduction in Contractor cost of performance resulting from acceptance of the VECP, minus allowable Contractor's development and implementation costs, including subcontractors' development and implementation costs (see paragraph (h) of this clause).

"Value engineering change proposal (VECP)" means a proposal that--

(1) Requires a change to this, the instant contract, to implement; and

(2) Results in reducing the contract price or estimated cost without impairing essential functions or characteristics; provided, that it does not involve a change--

- (i) In deliverable end item quantities only; or
- (ii) To the contract type only.

(c) VECP preparation. As a minimum, the Contractor shall include in each VECP the information described in paragraphs (c) (1) through (7) of this clause. If the proposed change is affected by contractually required configuration management or similar procedures, the instructions in those procedures relating to format, identification, and priority assignment shall govern VECP preparation. The VECP shall include the following:

(1) A description of the difference between the existing contract requirement and that proposed, the comparative advantages and disadvantages of each, a justification when an item's function or characteristics are being altered, and the effect of the change on the end item's performance.

(2) A list and analysis of the contract requirements that must be changed if the VECP is accepted, including any suggested specification revisions.

(3) A separate, detailed cost estimate for (i) the affected portions of the existing contract requirement and

(ii) the VECP. The cost reduction associated with the VECP shall take into account the Contractor's allowable development and implementation costs, including any amount attributable to subcontracts under paragraph (h) of this clause.

(4) A description and estimate of costs the Government may incur in implementing the VECP, such as test and evaluation and operating and support costs.

(5) A prediction of any effects the proposed change would have on collateral costs to the agency.

(6) A statement of the time by which a contract modification accepting the VECP must be issued in order to achieve the maximum cost reduction, noting any effect on the contract completion time or delivery schedule.

(7) Identification of any previous submissions of the VECP, including the dates submitted, the agencies and contract numbers involved, and previous Government actions, if known.

(d) Submission. The Contractor shall submit VECP's to the Resident Engineer at the worksite, with a copy to the Contracting Officer.

(e) Government action.

(1) The Contracting Officer will notify the Contractor of the status of the VECP within 45 calendar days after the contracting office receives it. If additional time is required, the Contracting Officer will notify the Contractor within the 45-day period and provide the reason for the delay and the expected date of the decision. The Government will process VECP's expeditiously; however, it will not be liable for any delay in acting upon a VECP.

(2) If the VECP is not accepted, the Contracting Officer will notify the Contractor in writing, explaining the reasons for rejection. The Contractor may withdraw any VECP, in whole or in part, at any time before it is accepted by the Government. The Contracting Officer may require that the Contractor provide written notification before undertaking significant expenditures for VECP effort.

(3) Any VECP may be accepted, in whole or in part, by the Contracting Officer's award of a modification to this contract citing this clause. The Contracting Officer may accept the VECP, even though an agreement on price reduction has not been reached, by issuing the Contractor a notice to proceed with the change. Until a notice to proceed is issued or a contract modification applied a VECP to this contract, the Contractor shall perform in accordance with the existing contract. The decision to accept or reject all or part of any VECP is a unilateral decision made solely at the discretion of the Contracting Officer.

(f) Sharing.

(1) Rates. The Government's share of savings is determined by subtracting Government costs from instant contract savings and multiplying the result by

- (i) 45 percent for fixed-price contracts or
- (ii) 75 percent for cost-reimbursement contracts.

(2) Payment. Payment of any share due the Contractor for use of a VECP on this contract shall be authorized by a modification to this contract to--

- (i) Accept the VECP;
- (ii) Reduce the contract price or estimated cost by the amount of instant contract savings; and
- (iii) Provide the Contractor's share of savings by adding the amount calculated to the contract price or fee.

(g) Deleted.

(h) Subcontracts. The Contractor shall include an appropriate value engineering clause in any subcontract of \$50,000 or more and may include one in subcontracts of lesser value. In computing any adjustment in this contract's price under paragraph (f) of this clause, the Contractor's allowable development and implementation costs clearly resulting from a VECP accepted by the Government under this contract, but shall exclude any value engineering incentive payments to a subcontractor. The Contractor may choose any arrangement for subcontractor value engineering incentive payments; provided, that these payments shall not reduce the Government's share of the savings resulting from the VECP.

(i) Data. The Contractor may restrict the Government's right to use any part of a VECP or the supporting data by marking the following legend on the affected parts:

"These data, furnished under the Value Engineering-- Construction clause of contract _____, shall not be disclosed outside the Government or duplicated, used, or disclosed, in whole or in part, for any purpose other than to evaluate a value engineering change proposal submitted under the clause. This restriction does not limit the Government's right to use information contained in these data if it has been obtained or is otherwise available from the Contractor or from another source without limitations."

If a VECP is accepted, the Contractor hereby grants the Government unlimited rights in the VECP and supporting data, except that, with respect to data qualifying and submitted as limited rights technical data, the Government shall have the rights specified in the contract modification implementing the VECP and shall appropriately mark the data. (The terms "unlimited rights" and "limited rights" are defined in Part 27 of the Federal Acquisition Regulation.)

(End of Clause)"

4. **After Section 01000, Page 4-16**, add the attached Fence Standards (Dwgs. C-2.5, C-2.6, C-2.10 & C-2.11).
5. **Section 01000, Page 6-3**, paragraph 6.2.4, 2nd line, delete "5 percent" in two places and substitute "8 percent".
6. **Section 01000, Page 8-2** delete the contents of paragraph **8.2.2 REMOVALS** and substitute the following:

"Existing water service lines shall be disconnected from the existing water main and abandoned in place." Abandoned water services lines shall be capped or plugged with concrete appropriately at both ends of the line. Existing water service lines are old ductile iron, transite or copper pipes. Some of the service lines may not have service valves. Since service valves may not exist, the termination of the service line shall be done in a satisfactory manner. Adequate termination of the water service line shall be demonstrated by performing hydrostatic pressure test to 125% of the system operational pressure at the service line and existing water main. Before acceptance of potable water operation, each unit of completed waterline shall be disinfected as prescribed by AWWA C 651. The Contractor shall be aware that the existing water main lines are old asbestos cement pipes. When removing asbestos cement pipe, the Contractor shall ensure that adequate safety and health procedures are used and ensure compliance with all applicable Federal and state regulations. The Contractor is required to submit an addendum to the Accident Prevention Plan for approval describing procedures to be used to remove the old pipe and connect new service line to existing asbestos cement pipe. This portion of the Accident Prevention Plan shall describe, as a minimum: employee training, employee personal protective equipment, removal procedures and equipment, means of controlling asbestos fiber release, any air monitoring to be performed, and

plans for disposal of discarded asbestos cement pipe of connections.

All existing fire hydrants shall remain in place, unless damaged during construction. Where connections are made between the new work and the existing mains, the connections shall be made by using specials and fittings to suit the actual conditions. When made under pressure, these connections shall be installed using standard methods as approved by the Contracting Officer. If any existing water main line or fire hydrant is damaged during construction, the repair shall be made by the Contractor at no additional cost to the Government."

7. **Section 01000, Page 8-3**, delete the contents of paragraph **8.2.3.1 Water Service Line Requirements**(previously amended by Am_0005)and substitute the following:

"The Contractor shall connect new service line to the existing water main. New service line connections shall be by a service clamp for water services lines 2-inches or smaller diameter. A corporation stop and a copper gooseneck shall be provided where required. Service lines larger than 2-inches shall be connected to the main by a tapping sleeve and valve. All service stops and valves shall be provided with service boxes. Pipe, joints, fittings, valves, and specials shall be in accordance with UFGS SECTION 02510A Water Distribution System. Minot AFB prefers copper tubing water service lines for less than 3-inch in diameter, Type K, annealed, conforming to ASTM B 88. The service lines to each duplex shall be not less than 1 1/4-inch in size and then branch to each housing unit. Water service line to each unit shall be sized according with the Uniform Plumbing Code."

8. **Section 01000, Page 9-5**, paragraph 9.5.2, 2nd line, after "...housing unit shall" delete "be lined with...noncombustible material." and substitute "have walls finished in 1/2-inch gypsum board or equivalent noncombustible material, the ceilings may be left exposed."

9. **Section 01000, Page 9-22**, paragraph 9.13.13 (previously amended by Am_0005), 5th line, after:

"...Diversified Insulation Corporation." delete, "Interior insulation may be utilized on exposed basement or foundation walls in lieu of exterior perimeter insulation. Interior insulation shall be equivalent in R-Value. The exterior system, finished and painted, shall be protected by 5/8-inch gypsum wallboard and sealed with a vapor barrier. Stapling and gluing of gypsum wallboard is prohibited. Wall system shall be 2x4 wood framed. Required R-Values shall be maintained."

and substitute:

"Interior insulation may be utilized on exposed basement or foundation walls in lieu of exterior perimeter insulation. The interior insulation system shall be placed within a 2 x 4 wood framed furring system and protected by 1/2" gypsum wallboard, finished and painted, and sealed with a vapor barrier in interior

finished basement wall applications. Stapling and gluing of gypsum wallboard is prohibited. Required R-Values shall be maintained equivalent to the exterior insulation system."

2. This amendment is a part of the proposing papers and its receipt shall be acknowledged on the Standard Form 1442. All other conditions and requirements of the request for proposal remain unchanged. If the proposals have been mailed prior to receiving this amendment, you will notify the office where proposals are received, in the specified manner, immediately of its receipt and of any changes in your proposal occasioned thereby.

a. Hand-Carried Proposals shall be delivered to the U.S. Army Corps of Engineers, Omaha District, Contracting Division (Room 301), 106 South 15th Street, Omaha, Nebraska 68102-1618.

b. Mailed Proposals shall be addressed as noted in Item 8 on Page 00010-1 of Standard Form 1442.

3. Proposals for Phase 2 will be received until 1400 hours, local time at place of receiving proposals, 02 OCT 2002.

Attachments:

Fence Standard Dwgs. listed in 1a., above

U.S. Army Engineer District, Omaha
Corps of Engineers
106 South 15th Street
Omaha, Nebraska 68102-1618

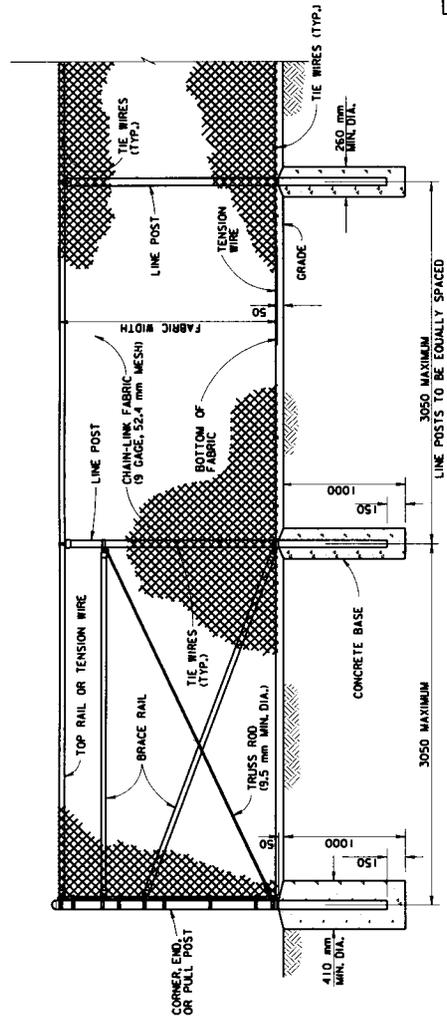
18 September 2002
mrp/4413

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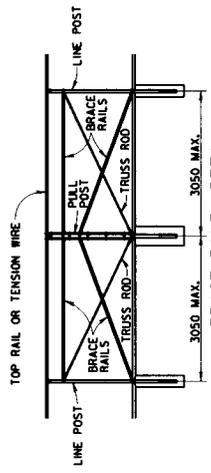
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CHAIN-LINK SECURITY FENCE DETAIL
NO SCALE

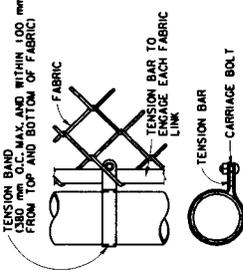
STEEL POST SCHEDULE		MINIMUM OUTSIDE DIMENSIONS (NOMINAL)	
USE AND SECTION	FABRIC LESS THAN 1830 mm	FABRIC 1830 mm TO 2440 mm	FABRIC OVER 2440 mm
CORNER END & PULL POSTS	60.3 mm O.D.	73.0 mm O.D.	101.6 mm O.D.
TUBULAR - ROUND	50.8 mm O.D.	63.5 mm O.D.	76.2 mm O.D.
TUBULAR - SQUARE	88.9 mm x 88.9 mm	88.9 mm x 88.9 mm	
C-SECTION (ROLL-FORMED)			
LINE POSTS	48.2 mm O.D.	60.3 mm O.D.	73.0 mm O.D.
H-SECTION	57.1 mm x 43.1 mm	57.1 mm x 42.1 mm	57.1 mm x 43.1 mm
C-SECTION (ROLL-FORMED)	47.6 mm x 41.2 mm	57.1 mm x 43.1 mm	
TOP, BOTTOM & BRACE RAILS			
TUBULAR - ROUND	42.3 mm O.D.	38.1 mm O.D.	38.1 mm O.D.
TUBULAR - SQUARE		41.2 mm x 38.1 mm	
H-SECTION		41.2 mm x 31.7 mm	
C-SECTION (ROLL-FORMED)			



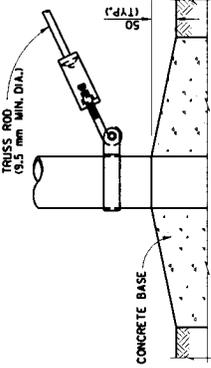
BRACE PANEL DETAIL
NO SCALE



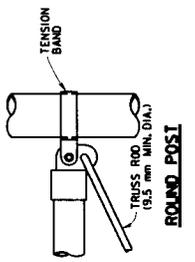
TOP OR BRACE RAIL ATTACHMENT
NO SCALE



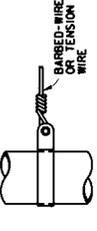
END OR GATE POST DETAIL
NO SCALE



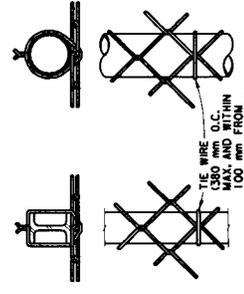
TRUSS ROD AND BAND
NO SCALE



ROUND POST
NO SCALE



TENSION BAND DETAIL
NO SCALE



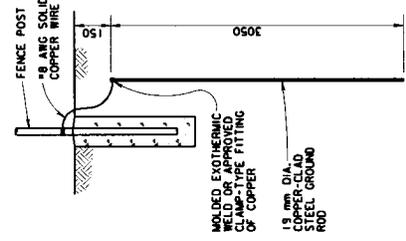
H-BEAM LINE POST ATTACHMENTS
NO SCALE

ROUND POST LINE POST ATTACHMENTS
NO SCALE

NOTES:
1. DETAILS SHOWN ARE TO CLARIFY REQUIREMENTS AND INTENDED TO LIMIT OTHER TYPES OF FENCE SECTIONS AND METHODS OF INSTALLATION.
2. WIRE TIES, RAILS, POSTS AND BRACES SHALL BE ALIGNED TO CHAIN-LINK FABRIC SHALL BE PLACED ON THE OPPOSITE SIDE OF THE SECURE AREA.
3. GUTS INSTEAD OF POSTS SHALL BE COMPLETELY FILLED WITH CONCRETE UP TO THE TOP OF THE FOUNDATION.

FENCE LEGEND:
TYPE FES - CHAIN-LINK FENCE WITHOUT BARBED-WIRE APRON
TYPE FEG - CHAIN-LINK FENCE WITH BARBED-WIRE APRON
TYPE FE7 - CHAIN-LINK FENCE WITH DOUBLE OUTRIGGER
TYPE FE8 - CHAIN-LINK FENCE WITH DOUBLE OUTRIGGER ON DOUBLE APRON
TR - FENCE WITH TOP RAIL AND TENSION WIRE AT BOTTOM
TB - FENCE WITH TOP RAIL AND TENSION WIRE AT TOP
TBR - FENCE WITH TOP TENSION WIRE AND BOTTOM RAIL
FINAL NUMBER IS FABRIC WIDTH IN MILLIMETERS.

EXCLUDES:
FEG-TR-1830 - CHAIN-LINK SECURITY FENCE WITH BARBED-WIRE APRON, TOP RAIL, AND 1830mm FABRIC WIDTH
FES-TWB-1220 - CHAIN-LINK SECURITY FENCE WITH NO APRON, TOP AND BOTTOM TENSION WIRE, AND 1220mm FABRIC WIDTH.



GROUNDING DETAIL
NO SCALE

ALL DIMENSIONS SHOWN IN MILLIMETRES UNLESS OTHERWISE NOTED

