

RFQ NUMBER: AG-84N8-S-13-630391

This is a combined synopsis/solicitation for commercial items prepared in accordance with the format in Subpart 12.6, as supplemented with additional information included in this notice. This announcement constitutes the only solicitation; quotes/offers are being requested and a written solicitation will not be issued. The USDA Forest Service /Utah Acquisition Support Center in Salt Lake City, Utah is soliciting quotes/offers for the following requirement:

**WELDED WIRE CAGE AS PER SPECIFICATIONS
ON THE
UINTA-WASATCH-CACHE-NATIONAL FOREST**

Bids are due on March 18, 2013 at 4:30 p.m. (local time) The Synopsis/solicitation document and incorporated provisions and clauses are those in effect through Federal Acquisition Circular 2001-22 and 2001-23. The following FAR provisions apply to this acquisition: 52.212-1, Instruction to Offerors Commercial items, and 52.212-2, Evaluation of Commercial Items, applies to the acquisition. Offerors shall include a completed copy of FAR provision 52.212-3, Offeror Representations and Certifications Commercial Items, and furnish Offeror's Federal Tax Identification Number, DUNS Number. FAR Clauses 52.212-4, Contract Terms and Conditions Commercial Items and 52.212-5, Contract Terms and Conditions Required Implementing Statutes or Executive Orders Commercial Items apply to this acquisition.

It is required that all contractors be registered in the System for Award Management (SAM) database prior to award under this solicitation. See Clause 52.204-99 System for Award Management for details on how to apply.

Please return the items requested on page 1, 2, and the AGAR Advisory 104 (Attachment 1)

Technical Questions contact : Ryan Stone at 801-999-2138
Contractual Questions contact: Debbie (Dara) Lucero at 801-975-3496

Quotes may be faxed or emailed to:

Attention: Debbie (Dara) Lucero
Fax: 801-975-3483
Email: dlucero@fs.fed.us

**USDA – FOREST SERVICE-UINTA-WASATCH CACHE NATIONAL FOREST
WELDED WIRE CAGE
SUPPLIES OR SERVICES AND PRICES/COSTS**

ITEM NUMBER	DESCRIPTION OF ITEM	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL
Base Bid Item	Manufacture and delivery of wire mesh partitions needed for security cages to include design, delivery of partitions, posts and all other necessary appurtenances needed to construct security cages that meet the requirement as per the specifications (Section 10605, total of 5 pages) and drawings of this solicitation.	1	JOB	\$	\$
Optional Bid Item	The installation of the provided cage materials at the site.	1	JOB	\$	\$
				TOTAL	\$
	Deliver to: Basement of the Uinta-Wasatch Cache Supervisors Office Please contact Ryan Stone prior to delivery at: 801-999-2138 Vendors Name _____ Vendor Representative Signature _____ Date : _____				

SECTION C - DESCRIPTION/SPECIFICATIONS/STATEMENT OF WORK

U-W-C SUPERVISOR'S OFFICE WIRE MESH PARTITION PROJECT

C1 Scope of Contract

BASE BID: This project consists of the manufacture and delivery of wire mesh partitions needed for security cages to provide property protection in the Supervisor's Office on the Uinta-Wasatch-Cache National Forest. The work will include the design and delivery of partitions, posts and all other necessary appurtenances needed to construct security cages that meet the requirements set forth in the specifications and drawings of this contract.

OPTIONAL BID ITEM: The installation of the provided cage materials at the site, the basement of the UWC Supervisor's Office, 857 W South Jordan Parkway, South Jordan, UT 84095-8594. The room currently has some material stored in it and it is anticipated that some of the items will remain in the room during the installation. The wall locations will be cleared to a two foot wide space centered on the wall centerline.

C2 Project Location

The project is located at the Supervisor's office of the Uinta-Wasatch-Cache National Forest, Salt Lake County, Utah, at 857 W. South Jordan Parkway, South Jordan, UT 84095.

C3 SITE INFORMATION AND LIMITATIONS

The following site conditions are considered incidental to the contract and the contractor will not be paid directly for any of the following items:

- (a) The point of delivery shall be the basement of the Uinta-Wasatch-Cache National Forest Supervisors office.
- (b) Access to the basement is through a door that is 90 degrees to the end of descending stairs which are on the outside of the building.

C4 INSPECTION OF WORKSITE

The contractor acknowledges they have taken the necessary steps to ascertain the nature and location of work, and have investigated and satisfied themselves as to the general and local conditions, including unclassified material for excavation, that can affect the work or its cost. Any failure of the contractor to take the actions described and acknowledged in this paragraph will not relieve the Contractor from the responsibility of estimating properly the difficulty and cost of successfully performing the work, or for proceeding to successfully perform the work without additional expenses to the government.

C5 ANTICIPATED START DATE

March 2013

C6 CONTRACT TIME

30 Calendar Days

SECTION 10605 - WIRE MESH PARTITIONS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings are a reference only and contractor may propose alternative dimensions for cages.

1.2 SUMMARY

- A. This Section includes interior partitions fabricated from wire mesh:

1.3 PERFORMANCE REQUIREMENTS

- A. Structural Performance: Provide additional or supplemental supports for wire mesh partitions to secure and stabilize partitions within truss spaces.

1.4 SUBMITTALS

- A. Product Data: Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for wire mesh items.
- B. Shop Drawings: Include plans, elevations, sections, details, and attachments to other work.
- C. Samples for Initial Selection: For units with factory-applied color finishes.
- D. Maintenance Data: For wire mesh partition door hardware to include in maintenance manuals.

1.5 QUALITY ASSURANCE

- A. Installer Qualifications: An employer of workers trained and approved by manufacturer.
 - 1. Installer's responsibilities include fabricating and installing wire mesh items and providing professional engineering services needed to assume engineering responsibility.
- B. Source Limitations: Obtain wire mesh items through one source from a single manufacturer.
- C. Welding: Qualify procedures and personnel according to the following:
 - 1. AWS D1.1, "Structural Welding Code--Steel."
 - 2. AWS D1.3, "Structural Welding Code--Sheet Steel."
- D. **IF OPTION IS AWARDED:** Pre-installation Conference: Installer shall conduct conference at Project.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver wire mesh items palleted or crated to provide protection during transit and Project-site storage. Do not use non vented plastic.

- B. Inventory wire mesh partition door hardware on receipt and provide secure lockup for wire mesh partition door hardware delivered to Project site.
 - 1. Tag each item or package separately with identification and include basic installation instructions with each item or package.
 - 2. Deliver keys to Owner as directed by the COR

1.7 PROJECT CONDITIONS

- A. Field Measurements: Verify actual locations of construction contiguous with wire mesh items from the reference drawings before fabrication and indicate measurements on Shop Drawings.

1.8 COORDINATION

- A. Coordinate installation of anchorages for wire mesh items supported or anchored to permanent construction. Furnish setting drawings, templates, and directions for installing anchorages, including sleeves, concrete inserts, anchor bolts, and items with integral anchors, that are to be embedded in concrete or masonry. Deliver such items to Project site in time for installation. (Concrete Floor is already in place)

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Steel Wire: ASTM A 510.
- B. Steel Plates, Channels, Angles, and Bars: ASTM A 36/A 36M.
- C. Cold-Rolled Steel Sheet: ASTM A 1008/A 1008M, Commercial Steel (CS), Type B.
- D. Steel Pipe: ASTM A 53/A 53M, Schedule 40, unless another weight is indicated or required by structural loads.
- E. Square Steel Tubing: Cold-formed structural-steel tubing, ASTM A 500.
- F. Metallic-Coated Steel Sheet: ASTM A 653/A 653M, Commercial Steel (CS), Type B; with G60 zinc (galvanized) or A60 zinc-iron-alloy (galvannealed) coating designation.
- G. Panel-to-Panel Fasteners: Manufacturer's standard steel bolts.
- H. Postinstalled Expansion Anchors in Concrete: With capability to sustain, without failure, load imposed within factors of safety indicated, as determined by testing per ASTM E 488, conducted by a qualified independent testing agency.
 - 1. Corrosion Protection: Carbon-steel components zinc plated to comply with ASTM B 633, Class Fe/Zn 5 (0.005 mm) for Class SC 1 service condition (mild).
 - 2. Corrosion Protection: Stainless-steel components complying with ASTM F 593 and ASTM F 594, Alloy Group 1 or 2 for bolts and nuts; ASTM A 666 or ASTM A 276, Type 304 or 316, for anchors.
 - 3. For Postinstalled Anchors in Concrete: Capability to sustain, without failure, a load equal to four times the loads imposed.
- I. Secondary Bracing: Angles with legs not less than 1-1/4 inch wide, formed from 0.04-inch-thick, metallic-coated steel sheet; with bolted connections and 1/4-inch-diameter bolts.

2.2 WIRE MESH PARTITIONS

- A. Mesh: 0.187-inch- diameter, or bigger, steel wire woven into mesh with openings not exceeding four square inches in size.
- B. Vertical and Horizontal Panel Framing: Of sufficient size and guage to create a sturdy and structurally sound frame.
- C. Panels: Consisting of the above horizontal and vertical members welded at all intersections, and welded wire mesh securely welded to frame.
- D. Posts for 90-Degree Corners: Of sufficient size to provide structural stability.
- E. Posts for Other-Than-90-Degree Corners: Manufacturer's standard steel 2-inch- OD pipe or tubing with 3/8-inch- diameter bolt holes aligning with bolt holes in vertical framing.
- F. Adjustable Corner Posts: Two, manufacturer's standard steel pipe or tubing posts connected by steel hinges at 36 inches o.c. attached to posts; with 1/4-inch- diameter bolt holes aligning with bolt holes in vertical framing.
- G. Line Posts: 2" x 2" - 14 gauge square tube; with steel base plates punched for attachment to floor.
- H. Intersection Posts: 2-by-2-inch tubular steel, with 3/8-inch- diameter bolt holes aligned for bolting to adjacent panels.
- I. Floor Shoes: Steel, cast iron, or cast aluminum, 2 inches high; sized to suit vertical framing, drilled for attachment to floor, and with set screws for leveling adjustment.
- J. Fasteners: Manufacturer's standard corrosion-resistant, color-coated fasteners matching fence components.
- K. Swing Door: Constructed of the same materials as panels - **Pre-Hung**. Complete with all necessary mounting hardware to install and operate.
 - 1. Hinges: Three 2-1/2" x 2-1/2" butt hinges.
 - 2. Cylinder Lock: Mortise type with cylinder operated by key outside and recessed knob inside.
- L. Finishes for Interior Locations: Baked-enamel finish or powder-coated finish.
 - 1. Color: As selected by CO from manufacturer's full range.

2.3 FABRICATION

- A. General: Fabricate wire mesh items from components of sizes not less than those indicated. Use larger-size components as recommended by wire mesh item manufacturer. Provide bolts, hardware, and accessories as required for complete installation.
 - 1. Fabricate wire mesh items to be readily disassembled.
 - 2. Welding: Weld corner joints of framing and grind smooth, leaving no evidence of joint.
- B. Heavy-Duty Wire Mesh Partitions: Fabricate wire mesh partitions with cutouts for pipes, ducts, beams, and other items indicated. Finish edges of cutouts to provide a neat, protective edge.
 - 1. Mesh: Securely attach mesh to framing.
 - 2. Framing: Fabricate framing with mortise and tenon corner construction.

- a. Provide horizontal stiffeners as indicated or, if not indicated, as required by panel height and as recommended by wire mesh partition manufacturer. Weld horizontal stiffeners to vertical framing.
 - b. Fabricate intersections using manufacturer's standard connecting clips and fasteners.
 - c. Fabricate partition and door framing with slotted holes for connecting adjacent panels.
3. Fabricate wire mesh partitions with clear space between top finished floor or masonry partition as indicated or directed.
 4. Doors: Align bottom of door with bottom of adjacent panels.
 - a. For doors that do not extend full height of partition, provide transom over door, fabricated from same mesh and framing as partition panels.
 5. Hardware Preparation: Mortise, reinforce, drill, and tap doors and framing as required to install hardware.

2.4 FINISHES

- A. General: Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.
 1. Finish wire mesh items after assembly.
 2. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in the same piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.
- B. Shop Coat Finish: Immediately after cleaning and pretreating, apply manufacturer's standard one-coat, shop-coat finish. Comply with paint manufacturer's written instructions for applying and curing.
 1. Baked-Enamel Finish: Immediately after cleaning and pretreating, apply manufacturer's standard one-coat, baked-enamel finish. Comply with paint manufacturer's written instructions for applying and baking to achieve a minimum dry film thickness of 1 mil.
 2. Powder-Coated Finish: Apply manufacturer's standard baked finish, complying with manufacturer's written instructions for surface preparation including pretreatment, application, baking, and minimum dry film thickness.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine areas, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of work.
- B. Examine floors for suitable conditions where wire mesh items will be installed.
- C. Examine substrates to which wire mesh items will be attached for properly located blocking, grounds, and other solid backing for attachment of support fasteners.
- D. **IF OPTION IS AWARDED:** Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 **IF OPTION IS AWARDED:** ERECTION

A. Wire Mesh Partitions:

1. Install fences according to manufacturer's written instructions.
2. Anchor wire mesh partitions to walls according to manufacturer's written instructions.
3. Provide line posts at locations indicated or, if not indicated, as follows:
 - a. On each side of sliding door openings.
 - b. For partitions that are 7 to 9 feet high, spaced at 15 to 20 feet o.c.
 - c. For partitions that are 10 to 12 feet high, located between every other panel.
 - d. For partitions that are more than 12 feet high, located between each panel.
4. Provide secondary supports and bracing as required for stability, extending and fastening members to supporting structure.
5. Where standard-width wire mesh partition panels do not fill entire length of run, provide adjustable filler panels to fill openings.
6. Install doors complete with door hardware.
7. Bolt accessories to wire mesh partition framing.

3.3 **IF OPTION IS AWARDED:** ADJUSTING AND CLEANING

- A. Adjust doors to operate easily without binding. Check and readjust operating hardware items just before final inspection. Leave work in complete and proper operating condition. Remove and replace defective work including doors and framing that are warped, bowed, or otherwise unacceptable.
- B. Touchup Painting: Immediately after erection, clean field welds, bolted connections, and abraded areas of shop paint; paint exposed areas with same material as used for shop painting to comply with SSPC-PA 1 for touching up shop-painted surfaces.

END OF SECTION