

**IFB (Invitation for Bid)  
Solicitation Form**

Print Form



APR-203-NI-F Rev A

**NEW MEXICO STATE UNIVERSITY**

BILLING: P. O. Box 319, Palestine, TX 75802-0319  
SHIPPING: 1510 E FM Road 3224, Palestine, TX 75803  
PHONE: (903) 729-0271 (Switchboard)  
FAX: (903) 723-8054

Buyer-Phone-Email Ron Frame / 903-731-8516 / ron.frame@csbf.nasa.gov

IFB No. R02052013 ALL Bids due by 4PM on Feb 26, 2013

IFB Date 2/5/13

An equal opportunity employer.

**BIDDER'S INFORMATION:**

Company   
Address   
City  State  Zip Code   
Country   
Phone Number   
email   
Title of Signer   
Name of Signer

**IMPORTANT**

Email and/or electronic transmittal (fax) of bids are NOT accepted.

"NO BID" does not require a return of this document.

Any questions regarding this Invitation for Bid please contact the Buyer identified above by phone, email, or in writing. However, formal questions must be in writing.

Any resultant contract shall be a subcontract under National Aeronautics and Space Administration Prime Contract NAS5-03003.

This solicitation and any resultant contract incorporate by reference various clauses from the prime contract and/or the Federal Acquisition Regulation (FAR) or NASA FAR Supplement (NFARS).

BIDS MUST BE SUBMITTED IN A SEALED ENVELOPE WITH THE IFB NUMBER AND OPENING DATE CLEARLY ON THE BOTTOM LEFT HAND SIDE OF THE FRONT OF THE ENVELOPE.

Sealed bids will be received until the above specified date and local time; then publicly opened at the Columbia Scientific Balloon Facility and read aloud.

Buyer reserves the right to cancel or amend this solicitation at any time, including before or after receipt and opening of bids.

ALL ITEMS OFFERED MUST BE NEW UNLESS OTHERWISE SPECIFIED. EXACT EQUIVALENT ACCEPTABLE, UNLESS OTHERWISE SPECIFIED. IF QUOTING EQUIVALENT, WRITTEN LITERATURE, OR SAMPLES, MUST BE ATTACHED. IF NOT ATTACHED THE BID MAY BE DISQUALIFIED.

TIME IS OF THE ESSENCE IN PERFORMING THIS SUBCONTRACT.

COURIER DELIVERY -- Offeror assumes risk of delivery of bid by any method other than United States Postal Service Certified or Express Mail. For information only United Parcel Service delivers at about 10:00AM. FedEx and other methods may not arrive until AFTER 4PM.

**Signed By**

- A site visit by the Bidder is Required. (See Section L for details).
- Checked box indicates this is a two-step bid.
- This is a BEST VALUE procurement. See FAR 15.102
- This is a construction project! Special Provisions apply
- A bid bond and/or performance bond are required with your bid. (See Section L for Details).
- A bid sample is required (see Section L for details).
- Public Notice of this procurement opportunity was provided by:
  - Posting an abstract at <http://web.sba.gov/subnet>.
  - Publishing a notice in the classified advertisement pages of the following newspaper.

Newspaper: Palestine, TX Herald-Press

TOTAL PAGES IN IFB

**ATTENTION: Signature and submittal of this document creates a legally binding offer to contract on the terms stated.**

**IFB (Invitation for Bid)  
Solicitation Form**

Print Form



APR-203-NI-F Rev A

- The resulting purchase order will be placed as a subcontract to NASA Contract NAS5-03003
- CSBF reserves the right to cancel or amend this solicitation at any time prior to award.
- This solicitation includes Representations and Certifications attached hereto which must be completed /signed and returned.
- This solicitation includes an attached statement of work or specifications that the goods or services must comply with.
- This solicitation includes attached terms and conditions which shall be made a part of any resulting order.

**PARTS OF THIS SOLICITATION**

- A. Solicitation form (this document).
- B. Supplies or services and prices (Complete price information here).
- C. Description / Specifications.
- D. Packaging and Marking.
- E. Inspection and Acceptance.
- I. Contract Clauses (General Provisions).
- J. List of documents, exhibits, and other attachments.
- K. Representations and Certifications and Other Statements of Bidders
- L. Instructions, Conditions, and Notices to Bidders
- M. Evaluation Factors for Award.

Offeror's Price to be Quoted

n/a

FINAL DELIVERY Required by:

Apr 1, 2013

SHIP TO

Palestine, TX

**CSBF FORM APR-212-NI-F IFB Boilerplate follows.**

Please provide Educational Discount if available.  
New Mexico State University is tax exempt  
in Texas and in New Mexico.

## INSTRUCTIONS TO BIDDERS

1. Bids are to comply with all instructions and provide the information requested in the appropriate space. Failure to do so may disqualify your bid.
2. Samples of items, when required, must be furnished free of expense prior to the opening of bids and if not destroyed, will, upon request be returned at the bidder's expense.
3. Prices should be stated in units or quantity specified, with packing included.
4. Time or proposed delivery must be stated in definite terms. If time varies for different items, the bidder should so state.
5. Time of delivery shall be stated as the number of calendar days following receipt of the order either verbally or in writing, whichever is received first by the vendor, to receipt of the goods or services by the University.
6. Time of delivery may be a consideration in the award.
7. Envelopes containing bids must be sealed and marked on the upper left-hand corner with the name and address of the bidder. On the lower left-hand corner the bid number, opening date, and subject must be identified with the enclosed label.
8. IMPORTANT – Bids not in the office of the Purchasing Agent at the time of the opening are disqualified and will be returned unopened.
9. Corrections and/or modifications received after the opening time specified will not be accepted
10. Where an item is specified by brand name, it is not the intention to discriminate against any approved equal product made by another manufacture. It is, rather, the intention to set a definite standard and style. Any 'or equal' item offered must substantially equal the appearance, design, dimensions, approximate cost of the item specified, and must be of equivalent materials, function and sturdiness of construction of the item specified. Any deviation from specifications must be clearly itemized by bidder.
11. When brand, number or level of quality is not stated by the bidder, it is understood the offer is exactly as specified.
12. The Physical Science Laboratory is exempt from paying sales tax for materials and federal excise taxes. Do not include those taxes in your bid. A non-taxable transaction certificate will be provided upon request. Services are not exempt.
13. If your bid is accepted, you will receive a Purchase Order verbally and then confirmed in writing to authorize you to make delivery.
14. Partial shipments are acceptable, unless otherwise specified herein..
15. All questions on the bid(s) should be directed to the buyer referenced.
16. Compliance with U. S. Public Law No. 95-507 shall be adhered to.

**The New Mexico State University, Physical Science Laboratory in Las Cruces, New Mexico has a prime contract no. NAS5-03003 with the National Aeronautics and Space Administration, GSFC, Wallops Flight Facility, Wallops Island, Virginia. This contract is for the operation of the Columbia Scientific Balloon Facility, Palestine, Texas.**

## CONDITIONS

1. The Purchasing Agent reserves the right to reject any and all bids, to waive any informality in bids unless otherwise specified by the bidder, to accept any item on the bid.
2. In case of error in the extension of prices in the bid, the unit price will govern. Extension of the unit price is mandatory in total price. If not extended and totaled, this is reason for disqualification.
3. PSL will take advantage of cash discounts offered whenever possible; however, cash discounts will be used as a means to determine the lowest responsible bidder.
4. Time in connection with discount offered will be computed from date of delivery or from date correct bill rendered on proper voucher form, certified by contractor, is received, whichever date is latest.
5. Additional calendar days for inspection, rejection or acceptance testing on high technology equipment/items will be required by PSL. Time in connection with discounts offered will be based on this criteria.
6. PSL reserves the right to award by item, group of items, or total bids (unless otherwise specified by the bidder, to accept any item on the bid) to reject any and all bids in whole or in part if, in the judgment of the Purchasing Agent the best interests of PSL, New Mexico State University will be served
7. The New Mexico Procurement Code, Section 13-1-28 through 13-1-199, NMSA, imposes civil and criminal penalties for its violation. In addition, New Mexico criminal statutes impose criminal penalties for illegal bribes, gratuities and kick-backs

**Physical Science Laboratory**  
COLUMBIA SCIENTIFIC BALLOON FACILITY

**SOLICITATION PROVISIONS  
FOR FORMAL  
INVITATION FOR BID**



**APR-212-NI-F-IFB Boilerplate**

PART I: THE SCHEDULE ..... 1

A. SOLICITATION CONTRACT FORM ..... 1

B. SUPPLIES OR SERVICES AND PRICES..... 2

C. DESCRIPTION / SPECIFICATIONS ..... 2

D. PACKAGING AND MARKING ..... 2

E. INSPECTION AND ACCEPTANCE ..... 2

F. DELIVERIES OR PERFORMANCE ..... 2

G. CONTRACT ADMINISTRATION DATA ..... 2

H. SPECIAL CONTRACT REQUIREMENTS ..... 2

PART II – CONTRACT CLAUSES..... 2

I. CONTRACT CLAUSES ..... 2

PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS..... 3

J. ELECTRONIC CONTRACTING ..... 3

PART IV – REPRESENTATIONS AND INSTRUCTIONS ..... 4

K. REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF BIDDERS ..... 4

L. INSTRUCTIONS, CONDITIONS, AND NOTICES TO BIDDERS ..... 4

M. EVALUATION FACTORS FOR AWARD ..... 4

If offered on GSA contract, insert information:

GSA Contract No. \_\_\_\_\_

Beginning Contract Date: \_\_\_\_\_

Expiration Contract Date: \_\_\_\_\_

**PART I: THE SCHEDULE**

***A. IFB SOLICITATION FORM to be completed and returned with bid.***

**B. PROJECT PRICING**

<b>Item No</b>	<b>DESCRIPTION</b>	<b><i>Price (to be completed by Bidder)</i></b>
1.	Gate Project per attached Specifications and Drawings	\$

**C. DESCRIPTION / SPECIFICATIONS – See Attachment A  
See attached Specifications and Drawings**

**D. PACKAGING AND MARKING**

N/A

**E. INSPECTION AND ACCEPTANCE**

See the attached GENERAL PROVISIONS

**F. DELIVERIES OR PERFORMANCE**

Refer to:

- Invitation For Bid (IFB) Solicitation form – bottom of page 2

**G. CONTRACT ADMINISTRATION DATA**

THIS SECTION IS INTENTIONALLY OMITTED.

**H. SPECIAL CONTRACT REQUIREMENTS**

None.

**PART II – CONTRACT CLAUSES**

**I. CONTRACT CLAUSES**

The GENERAL PROVISIONS attached hereto as Exhibit B are incorporated herein by reference.

The following solicitation clauses are incorporated into this solicitation by reference as if set forth in full text

<input checked="" type="checkbox"/> 52.214-1	Solicitation Definitions – Sealed Bidding (JUL 1987)
<input checked="" type="checkbox"/> 52.214-2	Type of Business Organization – Sealed Bidding (JUL 1987)
<input checked="" type="checkbox"/> 52.214-3	Amendments to Invitations for Bids (DEC 1989)

<input checked="" type="checkbox"/> 52.214-4	False Statements in Bids (APR 1984)
<input checked="" type="checkbox"/> 52.214-5	Submission of Bids (MAR 1997)
<input checked="" type="checkbox"/> 52.214-6	Explanation of Prospective Bidders (APR 1984)
<input checked="" type="checkbox"/> 52.214-7	Late Submissions, Modifications, and Withdrawals of Bids (MAY 1997)
<input checked="" type="checkbox"/> 52.214-9	Failure to Submit Bid (JUL 1995)
<input checked="" type="checkbox"/> 52.214-10	Contract Award – Sealed Bidding (JUL 1990)
<input checked="" type="checkbox"/> 52.214-12	Preparation of Bids (APR 1984)
<input type="checkbox"/> 52.214-14	Place of Performance – Sealed Bidding (APR 1985)
<input checked="" type="checkbox"/> 52.214-15	Period for Acceptance of Bids (APR 1984)
<input checked="" type="checkbox"/> 52.214-17	Affiliated Bidders (APR 1984)
<input type="checkbox"/> 52.214-20	Bid Samples (APR 1984)
<input type="checkbox"/> 52.214-21	Descriptive Literature (APR 1984)
<input type="checkbox"/> 52.214-22	Evaluation of Bids for Multiple Awards (MAR 1990)
<input type="checkbox"/> 52.214-23	Late Submissions, Modifications, and Withdrawals of Technical Proposals Under Two-Step Sealed Bidding (MAY 1997)
<input type="checkbox"/> 52.214-24	Multiple Technical Proposals (APR 1984)(Step One of Two-Step Acquisition)
<input type="checkbox"/> 52.214-25	Step Two of Two-Step Sealed Bidding (APR 1985)
<input type="checkbox"/> 52.214-26	Audit and Records (OCT 1997)

**PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS**

**J. ELECTRONIC CONTRACTING**

List of documents, exhibits, and other attachments:

- (1) Invitation For Bid Cover form – **complete and return.**
- (2) Invitation For Bid (IFB) Solicitation form – **complete and return.**
- (3) Drawings and Specifications attached (Attachment A)
- (3) Section I – General Provisions and FAR Flowdown Provisions for Domestic Subcontracts/Purchase Orders for Commercial Items under a U.S. Government Prime Contract.
- (4) Section K – Representations, Certifications and Other Statements of Bidders – **complete and return.**

## **PART IV – REPRESENTATIONS AND INSTRUCTIONS**

### **K. REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF BIDDERS**

Complete the attachment Section K and return with your sealed bid.

If not returned, your sealed bid may be considered non-responsive.

### **L. INSTRUCTIONS, CONDITIONS, AND NOTICES TO BIDDERS**

- **No electronic of facsimiles accepted on sealed bids.**
- The Columbia Scientific Balloon Facility is located approximately 5-7 miles outside of Palestine, Texas, adjacent to the Palestine Municipal Airport.
- Federal Express and UPS ***do not*** guarantee priority deliveries to this location because CSBF is considered a remote delivery location.
  - Normal delivery schedule for Federal Express Priority – approximately 4:00pm – 4:30pm Central Daylight Time.
  - Normal delivery schedule for UPS – approximately 10:00am – 12:30pm Central Daylight Time.
- United States Postal Service (USPS)
  - Normal delivery schedule for USPS – the CSBF receives and distributes mail each morning at 8:00am CDT, Monday-Friday, excluding Federal Holiday.
- Allow enough time to have your sealed bid delivered by the response due date of Tuesday 26, 2013 **no later than 4:00pm Central Standard Time.**
- Bids will be evaluated without discussions (see 52.214-10 under Section M below)

### **M. EVALUATION FACTORS FOR AWARD**

1. 52.214-10 Contract Award—Sealed Bidding.

As prescribed in 14.201-6(e), insert the following provision:

#### CONTRACT AWARD—SEALED BIDDING (JULY 1990)

(a) The Government will evaluate bids in response to this solicitation without discussions and will award a contract to the responsible bidder whose bid, conforming to the solicitation, will be most advantageous to the Government considering only price and the price-related factors specified elsewhere in the solicitation.

(b) The Government may—

- (1) Reject any or all bids;
- (2) Accept other than the lowest bid; and
- (3) Waive informalities or minor irregularities in bids received.

(c) The Government may accept any item or group of items of a bid, unless the bidder qualifies the bid by specific limitations. Unless otherwise provided in the Schedule, bids may be submitted for quantities less than those specified. The Government reserves the right to make

an award on any item for a quantity less than the quantity offered, at the unit prices offered, unless the bidder specifies otherwise in the bid.

(d) A written award or acceptance of a bid mailed or otherwise furnished to the successful bidder within the time for acceptance specified in the bid shall result in a binding contract without further action by either party.

(e) The Government may reject a bid as nonresponsive if the prices bid are materially unbalanced between line items or subline items. A bid is materially unbalanced when it is based on prices significantly less than cost for some work and prices which are significantly overstated in relation to cost for other work, and if there is a reasonable doubt that the bid will result in the lowest overall cost to the Government even though it may be the low evaluated bid, or if it is so unbalanced as to be tantamount to allowing an advance payment.

(End of provision)

# Attachment 1 to IFB R02052013RF

## Columbia Scientific Balloon Facility Invitation for Bid- New Security Gates



Technical Monitor for this project is Mr. Wes Redden, CSBF Facilities Manager. **A site visit is required to bid on this project. Site visits must be coordinated with Wes Redden (903)723-8026. Site visits must be made between the dates of February 12 thru February 14.** Safety Officer for this project is Joe Bishop, CSBF Property and Safety Manager.

### Gates Specifications for Metal:

Two gates will be new construction, using 5"x5"x3/16" wall, or a design for the metal sides and vertical supports than will have the capability of, and strength to insure the integrity of the gates for heavy duty use, while keeping in mind the gate controller to be used. The final outcome or end product will match the small walk gate to be included in the bid. The horizontal pieces to be 5"x2"x3/16" wall, placed between the 5"x5"x3/16" wall vertical supports. The combination of metal and vinyl can be used to adhere to the overall appearance in regard to the fencing and gates matching in dimensions and sight lines.

The West gate is to be 32 ft. long, by 60" tall. 2" from top of each post start the top rail. There will be 4- 5"x2" rails horizontally spaced equality from bottom to top of next rail. The 32 ft. span will have vertical braces every 8 ft. on centers, total of 3 inside main frame. So, with 5 vertical posts, starting 2" from the top of each post add the 5"x 2" horizontal rail. The spacing from the second rail will be 9" from bottom of top rail to the top of the second rail. Use that method to finish the horizontal rails. Example, 60"-2"-5"-9"-5"-9"-5"-9"-5"

The East gate will be constructed of the same size material and in every way, except, the overall length will be 33 ft. long by 60" tall. The vertical 5"x2" inside pieces should be spaced at 8'4" center to center. Because of the extra foot on this gate.

Contractor to furnish and install HySecurity Side Driver electric operator. The model # Slide Driver 40 UPS is to be used. Contractor will be responsible for all electrical wiring as it pertains to the gates and be fully functional for proper operation. Electrical power is in place but may need to be rerouted for this installation. Voltage 115/230- 1PH- 60 HZ. The system must be compatible with HID proximity reader, MaxiProf DFM Reader-5375 security system. CSBF will be responsible for the control wiring for the security system.

## Attachment 1 to IFB R02052013RF

### Columbia Scientific Balloon Facility Invitation for Bid- New Security Gates

**Please see HySlide Driver specification sheet attached.** or [www.hysecurity.com](http://www.hysecurity.com)

Options Per Gate: HySecurity base riser for slide driver, 20' aluminum drive rail section with pins for HY Security operators, 40' drive rail, Photo eye Omron 24-240V with reflector 50'.

Vehicle safety loops, in and out are in place. Contractor to provide compatible controls as needed.

#### Welding:

All weld joints will be properly fit, having the proper angles. All joints and pipe to be clean leaving pipe surfaces free of oil, holes, pits, excessive welds and splatter. All pipe to be plum and level.

#### Reminder:

The 2 walk through gates will be installed on the closed side of each large operating gate. The walk through gate, and large gate to match with each other, for continuing rail uniformity. Gates to have locking capability for a pad lock. 3' gates to be made from metal along with post, rail and frame, or designed as large gate.

#### Painting:

All gates and any metal material must have a quality metal primer, and quality white metal paint with an UV ray inhibitor applied.

#### Vinyl Fence Specifications:

Fence is not for bidding, but is provided to understand the complete scope of work.

All post will be 5"x5" diameter and wall thickness a minimum of .150" all post to be 8' in length, with 36" in ground surrounded by a concrete mixture leaving 5ft. above ground placed 8' center to center. Dimensions for the rails will be 5"x2" with a minimum thickness of .090. Starting at the top of each post add the top rail 2" from top of post. The remaining 3 horizontal 5"x2" rectangular rails will be spaced 9" from bottom of a rail to the top of the next rail.

## Attachment 1 to IFB R02052013RF

### Columbia Scientific Balloon Facility Invitation for Bid- New Security Gates

All 5"x5" posts to have caps installed, and permanently attached. The fence line is to follow on site elevation changes.

Contractor is responsible for keeping work area clean, and safe for CSBF guest and employees.

Contractor to provide for utility location before start of job.

Frame of gate will be 5"x5"x 2"

5"x5"x 2" vertical inside gate frame every 8ft. C to C

5"x2"x2" Vertical Rails

5"x5"x by design thickness post

This drawing is to scale and represents the intended scope of project. Gauge or Thickness of wall to be determined by gate Manufacture.

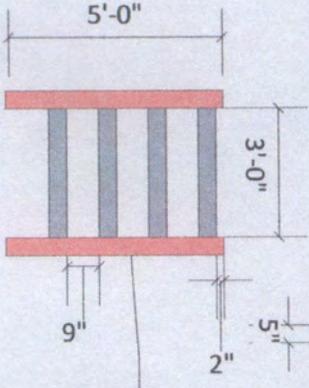
32'-0"

First 5"x2" to start 2" from top of 5"x5" post

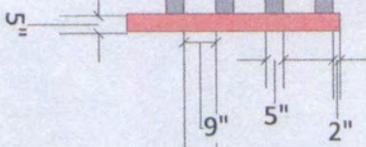
Gate height to match fence height 5 ft.

8'-0"

Main Gates 5"x2" should match the horizontal fence



Walk through gate to match main gate, and fence. Gate to have a manual locking device for pad lock.



1/4" = 1'

# SlideDriver™

Industrial, government, aviation, military, corporate, commercial, correctional facility

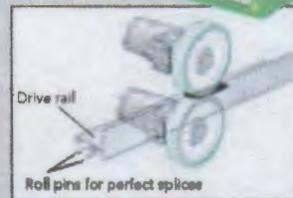
As the original ultra-reliable and secure hydraulic slide gate operator, SlideDriver™ is chosen for thousands of secure sites nationwide. Fully enclosed hydraulic motors drive a rigid drive rail passing between two compressed polyurethane wheels. Few moving parts. Lasts decades.

**Site:** Mission critical high security and reliability. High cycle. Light to extremely heavy gates. Very long gates. Crash gates. Any gate style. Quick open. Low maintenance.

**Typical Sites:** Airport, government, freight handling, nuclear, power, railway, military base, embassy, water treatment, petrochemical, correctional facility, law enforcement, port, sports arena.

**Operator:** Continuous duty. Hydraulic. Smart Touch Controller with diagnostics and integrated security reporting. 1 to 3 ft/s, up to 20,000 lb gate. Gate length limited only by weight. All voltage/phases. Steel cover. Out-of-box synchronization with all HySecurity operators for master-slave, sally port or other specialized, multiple operator applications.

**Options:** HY-5A intelligent vehicle detectors, 12 inch base riser, tamper proof heavy gauge cover, cabinet lock, specialty gate locking kits, UPS battery backup, Emergency Fast Operate, snowbrush kit, custom colors, more. Compatible with all available access control, safety, vehicle detection and many other accessories.



Power transmission: hydraulic motors to drive rail. Polyurethane drive wheel eliminates the high wear, metal-to-metal contact of conventional chain-drive systems.

## Special Models

**Fast Models:** Available in fast, 2 to 3 ft/s models for high security, non-public applications (UL Class III, IV).

**Emergency Fast Operate:** Normal operation opens and closes gate at 2 ft/s. In emergency situation, press and hold button for Emergency Fast Close at 3 ft/s (UL Class III, IV).

**UPS Backup:** Full functionality and 3000 ft backup travel during AC Power outage using DC power from two 110 Ah batteries and a 25 A charger. The ultimate in reliable security.

**Correctional Facility:** Heavier, 10 gauge cover with high security lock for added protection. Program for sally port, external lock mechanisms, and gate position indicator. Available with an optional internal deadbolt

gate lock.

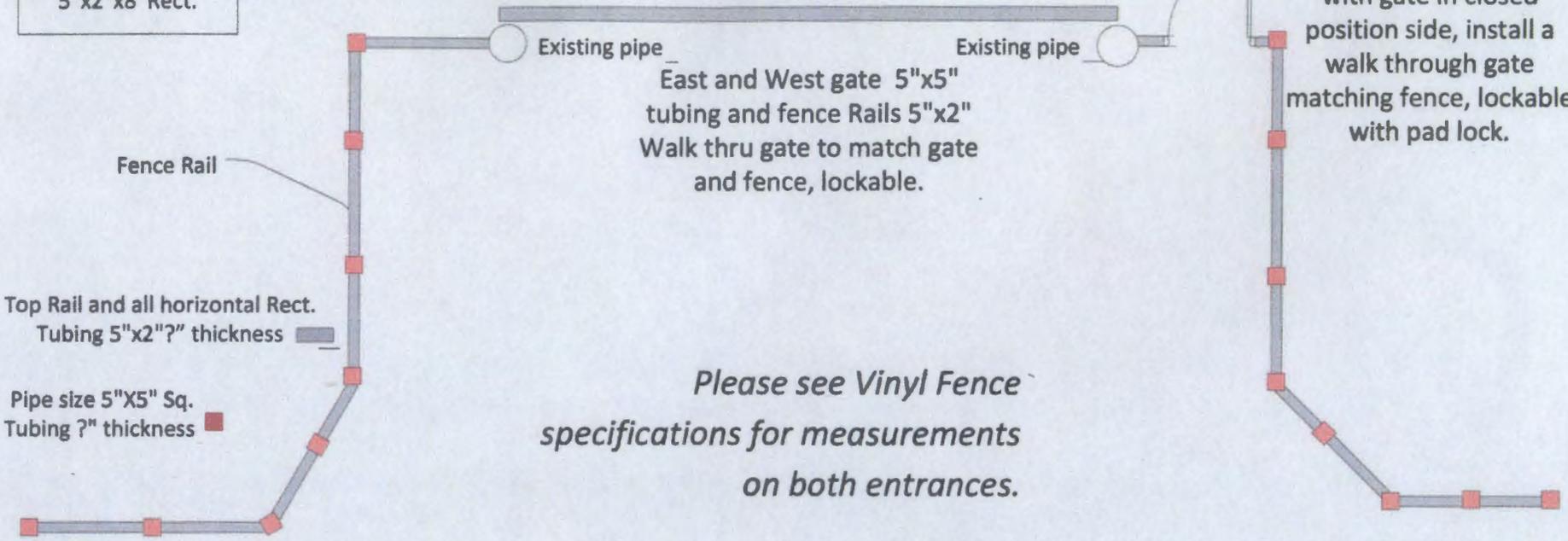
**Modular:** Electrical control box, pump, and motor assembly are remotely located in a separate metal enclosure. The only equipment left in the SlideDriver chassis are quiet wheel assemblies, hydraulic motors, and limit switches. Normally chosen for high security sites or where extremely quiet operation is necessary.

	1,000 lb Gates 1 ft/s	3,000 lb gates 1.7 ft/s	4,000 lb Gates 1 ft/s	5,000 lb gates 2.2 ft/s	5,000 lb gates 2.2 ft/s EFO 3 ft/s	5,000 lb gates 3 ft/s	8,000 lb gates 1 ft/s	20,000 lb gates 1 ft/s
<b>Model</b>	SlideDriver 10	SlideDriver 30F	SlideDriver 40	SlideDriver 50VF2	SlideDriver 50VF2-EPO	SlideDriver 50VF3	SlideDriver 80	SlideDriver 200
<b>Part #</b>	222 SS ST	222 EX 1.7 ST	222 E ST	222 X2 ST	222 X2EFO ST	222 X3 ST	222 X1 ST	444 XS ST
<b>Duty Cycle</b>	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous
<b>Horsepower</b>	1 hp	2 hp	1 hp	2 hp	2 hp	2 hp	2 hp	5 hp
<b>Drive Wheels</b>	Two 6" wheels	Two 6" wheels	Two 6" wheels	Two 8" wheels	Two 8" wheels	Two 8" wheels	Two 8" wheels	Four 8" wheels
<b>Gate Weight</b>	1,000 lb gate max	3,000 lb gate max.	4,000 lb gate max.	5,000 lb gate max	5,000 lb gate max.	5,000 lb gate max.	8,000 lb gate max.	20,000 lb gate max.
<b>Gate Length</b>	Limited only by weight	Limited only by weight	Limited only by weight	Limited only by weight				
<b>Drawbar Pull</b>	300 lb	300 lb	600 lb	1,200 lb				
<b>Rate of Travel</b>	1 ft/s	1.7 ft/s	1 ft/s	2.2 ft/s	2.2 ft/s with Emergency Fast Close at 3 ft/s	3 ft/s	1 ft/s	1 ft/s
<b>1 Phase Voltage</b>	115/208/230 60 Hz 110/220 50 Hz	208/230 60 Hz 220 50 Hz	115/208/230 60 Hz 110/220 50 Hz	208/230 60 Hz 220 50 Hz	208/230 60 Hz 220 50 Hz	208/230 60 Hz 220 50 Hz	208/230 60 Hz 220 50 Hz	230 60 Hz
<b>3 Phase Voltage</b>	208/230/460/575 60 Hz 220/385 50 Hz	208/230/460/575 60 Hz 220/385 50 Hz	208/230/460/575 60 Hz 220/385 50 Hz	208/230/460/575 60 Hz 220/385 50 Hz				
<b>UL 325 Listing</b>	Usage Class I, II, III, IV	Usage Class III, IV	Usage Class I, II, III, IV	Usage Class III, IV	Usage Class III, IV	Usage Class III, IV	Usage Class III, IV	Usage Class III, IV
<b>Warranty</b>	5 year	5 year	5 year	5 year				
<b>Additional models available</b>								
<b>UPS Backup</b>	SlideDriver 10 UPS	SlideDriver 30F UPS	SlideDriver 40 UPS	-	-	-	SlideDriver 80 UPS	SlideDriver 200 UPS
<b>Correctional Facility</b>	-	SlideDriver 30F-C	<del>SlideDriver 40-C</del>	SlideDriver 50VF2-C	SlideDriver 50VF2-EFO-C	SlideDriver 50VF3-C	SlideDriver 80-C	SlideDriver 200-C
<b>Modular</b>	SlideDriver 10-M	SlideDriver 30F-M	<del>SlideDriver 40-M</del>	SlideDriver 50VF2-M	SlideDriver 50VF2-EFO-M	SlideDriver 50VF3-M	SlideDriver 80-M	SlideDriver 200-M

Total lengths  
5"x5"x8' post  
5"x2"x8' Rect.

Gate  
Closed

Drawings are not to scale,  
but represent the  
intended scope of project.



Existing pipe  
East and West gate 5"x5"  
tubing and fence Rails 5"x2"  
Walk thru gate to match gate  
and fence, lockable.

On West & East gate  
with gate in closed  
position side, install a  
walk through gate  
matching fence, lockable  
with pad lock.

*Please see Vinyl Fence  
specifications for measurements  
on both entrances.*

Columbia Scientific Balloon Facility

Entrance into Facility  
East & West Gates

*All references to the Government shall include, in addition to the United States Government, New Mexico State University / Physical Science Laboratory, and the Columbia Scientific Balloon Facility. All references to the Contracting Officer shall include the Purchasing Agent of the Columbia Scientific Balloon Facility or his or her designee. All references to the Contractor shall include the Offeror, Bidder or Vendor.*

## **SECTION H – SPECIAL CONTRACT REQUIREMENTS**

### **PART 1 SPECIAL REQUIREMENTS**

#### **References**

Please provide us a list of five (2) references that you are presently doing or have done business with. References should be for projects as similar in the nature to this project as possible, and if possible, should include one or more projects for the U. S. Government.

Your reference list should show:

- 1) Company Name
- 2) Address
- 3) Telephone Number
- 4) Person to Contact
- 5) Type of work performed by you for them
- 6) Date the project began and the date it was completed

#### **Available Utilities & Portable Toilet Facilities- Not Applicable to this Solicitation**

Pursuant to Section I, FAR 52.246-13, Inspection – Dismantling, Demolition, or Removal of Improvements (AUG 1996), the Contractor shall supply ALL utilities, including water, electricity and telephone and will be at the Contractor's expense.

The contractor shall provide portable toilet facilities for their employees. These shall be placed at an area designated by the Technical Monitor, Columbia Scientific Balloon Facility (CSBF).

#### **Columbia Scientific Balloon Facility (CSBF) Security and Technical Monitor**

The Contractor shall coordinate its work schedules and days with the Technical Monitor, Wes Redden, CSBF Facilities Manager, and shall take such security measures in identifying its employees and equipment as may be instructed by him.

#### **Hot Work Permits**

The contractor shall contact the CSBF Safety Officer, Joe Bishop, to obtain a written permit from the CSBF Fire Department prior to commencing any burning, welding, soldering, open flame cutting, leading, operation of tar kettles, salamanders, and any other non-permanently installed heat or fire producing devices. The contractor shall assure the adequate precautionary measures have been taken to protect all personnel and property. Permits required after normal

working hours, weekends, and holidays shall be requested as soon as the need is known. Failure to maintain the specified fire and safety requirements will result in immediate suspension of such operations.

All contractor employees working with flame or heat producing equipment such as a propane torch or cutting/ welding equipment shall be properly trained and experienced in this type of work.

The contractor shall provide an appropriate size and type of chemical fire extinguisher at each welding, cutting or burning operation and also at each roofing tar pot or kettle.

In addition, the contractor shall furnish all barricades, signs, ropes, shields, and other guards as appropriate to ensure the safety of CSBF personnel/ the general public who may be in the vicinity of the work area.

**Comment [JK1]:** Hot Work Permits stated not to be needed by D. Ladd 8/19/2002

**Immigration Reform Legislation**

The Immigration Reform and Control Act of 1986 requires every employer across the United States to verify the identity and work eligibility of all new employees hired after 6 November 1986 by having them fill in an I-9 Form (see Section J)

Any Subcontract written as a result of this IFB will be subject to the full regulations of the Act.

After award of the Subcontract, the Contractor shall submit a statement to the PSL/Columbia Scientific Balloon Facility (CSBF) Purchasing Agent, as outlined below. This shall be submitted prior to starting construction.

**THE FOLLOWING PROVISION  
MUST BE COMPLETED  
BY THE CONTRACTOR'S  
SUBCONTRACTORS PRIOR TO THE  
PRE-CONSTRUCTION  
CONFERENCE.**

**CONFIRMATION OF INDEPENDENT CONTRACTORS**

I, \_\_\_\_\_, have complied with the Immigration  
(Manager's Name)  
Reform and Control Act of 1986. All persons employed by  
\_\_\_\_\_ have completed and signed Form I-9 verifying  
(Company Name)  
identities and authorization for employment.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

PART 4      INSURANCE

Refer to H-1 for Insurance Clause attachment enclosed in the IFB package on insurance requirements.

PART 5      MATERIALS AND EQUIPMENT

- (a) Manufactured materials shall be delivered on the site in original, unopened packages and marked with the manufacturer's name and brand. They shall be labeled to indicate grade, weight, size, type, etc., as applicable, and shall not be transferred to other packages or containers.
- (b) Equipment shall be of the size and type customarily used in work of this kind and shall be approved for use by the Technical Monitor.
- (c) Where two or more types of materials are specified without indication of preference, it shall be optional with the Contractor which one is used, but the same type shall be used throughout.
- (d) Pursuant to Clause 52.236-5, Material and Workmanship (April 1984), references to commercial types, styles, trade names, and catalogs are intended to be descriptive and not restrictive and are included only to indicate to prospective bidders the kinds of articles which will be satisfactory. Other makes or selections from catalogs will be considered.
- (e) All required material data, and cut sheets shall be furnished to the Technical Monitor for approval. Three (3) copies of each shall be provided. Submittals shall be on forms provided, standard letter-size or larger sheets.(See Section J) Materials furnished without such approval shall be at the risk of subsequent rejection, and will not be considered in computing partial payments.
- (f) When a product used by the Contractor is believed not to meet the specifications called for, the product shall be tested by an independent testing laboratory at no additional cost to the Government. Testing conducted by the company who manufactures the products, in this instance, will not be acceptable.
- (g) Materials shall be new and free from defects.

END OF CLAUSE

PART 6      DISPOSITION OF MATERIALS

Excess excavated material not specified to be reused shall be disposed of as directed by the PSL/Columbia Scientific Balloon Facility Technical Monitor.

The Contractor shall not dispose of fluid waste, such as oil, mineral spirits, etc., in the storm or sewage disposal systems.

END OF CLAUSE

PART 7      CONTRACTOR'S DAILY REPORTS- Not Applicable to this Solicitation

An on-site designated representative of the Contractor shall provide a completed Form WI-452 (3 Rev.3-89) (See Section J) for daily pick up by the NSBF Technical Monitor or for transmittal by facsimile transmission (fax) to (903) 723-8054 or as a scanned Adobe PDF format document attached to email directed to j.b.kraft@master.nsbf.nasa.gov. **The Contractor's designated representative shall be required on-site when work is being performed. (See Section J for enclosed form)**

END OF CLAUSE

PART 8      HANDLING OF MATERIALS AND EQUIPMENT- Not Applicable to this Solicitation

All shipments shall be addressed to the Contractor and he shall be responsible for their receipt, unloading, handling, and storage at the site.

The Government will not accept deliveries on behalf of the Contractor or his subcontractors, nor will it assume any responsibility for security of materials, supplies, or equipment delivered to the site.

Equipment, structural and reinforcing steel, piping, lumber, millwork, cement, and other equipment and materials (with the exception of sand, gravel, etc.) shall be stored above ground on racks or platforms, free from contact with the soil, and adequately covered and/or heated to protect them against - as applicable - freezing, rust, dirt, water/moisture, chemicals, or any injury or any kind which could, in the opinion of the Contracting Officer, impair their value for use in the work.

END OF CLAUSE

PART 9      CLEAN-UP

Debris shall not be allowed at any time to accumulate in such a manner as to constitute an unsightly condition or a fire or other hazard. The Contractor shall clean up the site and dispose of all scrap materials and debris daily and at the completion of the contract.

Trash removal equipment located at the Facility shall not be used by the Contractor.

The Contractor shall remove debris from the Government premises and dispose of it without additional cost to the Government.

At the completion of all work, the work site shall be left in a neat and orderly manner. Areas disturbed shall be graded, leveled, reseeded, and mulched as directed the Contracting Officer.

END OF CLAUSE

PART 10      FEDERAL SPECIFICATIONS

(a)      Wherever in the various sections of these specifications, material or equipment to be furnished or work to be done is required to conform to Federal Specifications, ASTM, AISC, SAE, or any other

generally recognized authority, the latest revised edition of such specifications in effect on the date of the opening of bids shall apply.

(b) Copies of the following specifications may be obtained upon application addressed as follows:

*Federal Specifications*

Superintendent of Documents, Government Printing Officer, Washington D.C.

*Navy Department or joint Army-Navy Specifications*

Bureau of Supplies and Accounts, Navy Department, Washington D.C.

*Military Specifications*

Commander, Air Development Center, Wright-Patterson Air Force Base, Dayton, OH

END OF CLAUSE

*All references to the Government shall include, in addition to the United States Government, New Mexico State University / Physical Science Laboratory, and the Columbia Scientific Balloon Facility. All references to the Contracting Officer shall include the Purchasing Agent of the Columbia Scientific Balloon Facility or his or her designee. All references to the Contractor shall include the Offeror, Bidder or Vendor.*

SEE ATTACHED SECTION I FOR REFERENCED FARs.

**OTHER TERMS AND CONDITIONS**

**H.1 INSURANCE CLAUSE (PSL 04 JANUARY 1988) / [ I.18 1852.228-75 (OCT 1988)]**

During the term of this Purchase Order the Subcontractor agrees to obtain and maintain in full force and effect the following insurance with respect to the work being performed at the Physical Science Laboratory/Columbia Scientific Balloon Facility.

FORM OF COVERAGE	LIMITS OF LIABILITY
Workers' Compensation	Workers' compensation and employer's liability insurance as required by applicable Federal and State workers' compensation and occupational disease statutes. If occupational diseases are not compensable under those statutes, they shall be covered under the employer's liability section of the insurance policy, except when contract operations are so commingled with the Subcontractor's commercial operations that it would not be practical.
Employer's Liability	Employer's liability coverage shall be at least \$100,000 except in states with exclusive or monopolistic funds that do not permit workers' compensation to be written by private carriers.
Comprehensive general (bodily injury) liability*	\$500,000.00 per occurrence.
Automobile/ motor vehicle liability Insurance on the Comprehensive Form of Policy (including non ownership liability and hired-car liability)*	Automobile liability insurance on the comprehensive form of policy providing for bodily injury and property damage liability covering the operation of all motor vehicles used in connection with performing the Subcontract. Policies covering motor vehicles operated in the United States shall provide coverage of at least \$200,000 per person and \$500,000 per occurrence for bodily injury liability and \$20,000 per occurrence for property damage. The amount of liability coverage on other policies shall be commensurate with any legal requirements of the locality and sufficient to meet normal and customary claims.
Aircraft	When aircraft are used in connection with performing the Subcontract, aircraft public and passenger liability insurance of at least \$200,000 per person and \$500,000 per occurrence for bodily injury, other than passenger liability, and \$200,000 per occurrence for property damage. Coverage for passenger liability bodily injury shall be at least \$200,000 multiplied by the number of seats or passengers, whichever is greater.

**Not later than the day starting any work under this Purchase Order**, the Subcontractor shall furnish PSL evidence of this insurance coverage by the Subcontractor. Subcontractor shall keep said

Policies evidencing such insurance as is required herein shall contain an endorsement to the effect that any material change in the coverage adversely affecting Physical Science Laboratory / Columbia Scientific Balloon Facility's interest shall not be effective unless the insurer of the Subcontractor gives written notice of cancellation or change to the Purchasing Agent. When the coverage is provided by

self-insurance, the Subcontractor shall not change or decrease the coverage without the Purchasing Agent's approval.

*END OF PROVISION*

**H.7 USE OF RURAL AREA SMALL BUSINESSES (1852.219-74) (SEP 1990) [I-15]**

(a) *Definitions.*

"Rural area" means any county with a population of fewer than twenty thousand individuals. "Small business concern," as used in this clause, means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding under this contract, and qualified as a small business under the criteria and size standards in 13 CFR 121.

- (b) NASA prime and subcontractors are encouraged to use their best efforts to award subcontracts to small business concerns located in rural areas.
- (c) Contractors acting in good faith may rely on written representations by their subcontractors regarding their status as small business concerns located in rural areas.
- (d) The Contractor agrees to insert the provisions of this clause, including this paragraph (d), in all subcontracts hereunder that offer subcontracting possibilities.

*(END OF CLAUSE)*