Procurement and Contracting Services

Request for Bids for
Thermal Vacuum - Space Simulation Chamber

Please mark all Bid submission Envelopes with the following information

Sealed RFB # S112002
Due on 5/15/20 no later than 2:00 PM, MST
# TABLE OF CONTENTS
For
REQUEST FOR BIDS NO. S112002

<table>
<thead>
<tr>
<th>SECTION #</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>Statement of Work</td>
</tr>
<tr>
<td>2.0</td>
<td>Definitions</td>
</tr>
<tr>
<td>3.0</td>
<td>General Information and Instructions to Bidders</td>
</tr>
<tr>
<td>4.0</td>
<td>Agreement Terms and Conditions</td>
</tr>
<tr>
<td>5.0</td>
<td>Scope of Work, Specifications, Technical Requirements</td>
</tr>
<tr>
<td>6.0</td>
<td>Certifications and Forms (Vendor to complete and return with Bid)</td>
</tr>
</tbody>
</table>
PROCUREMENT AND CONTRACTING SERVICES
REQUEST FOR BIDS, RFB # S112002

1.0 STATEMENT OF WORK

1.1 Summary. The Arizona Board of Regents (ABOR), on behalf of the University of Arizona, is soliciting Bids from interested vendors to furnish the University with a new or used space simulation chamber for testing scientific payloads for the NASA LDB and ULDB Scientific Balloon Program.

1.2 Coverage and Participation. The intended coverage of this RFB and any Agreement resulting from this solicitation shall be for the use of all Departments at the University of Arizona. The other State Universities, Arizona State University (ASU) and Northern Arizona University (NAU), along with Pima Community College (PCC) and any other educational institution or Governmental entity may access an Agreement resulting from this solicitation issued and administered by the University of Arizona.

2.0 DEFINITIONS

2.1 Agreement / Contract. All types of agreements entered into by the Arizona Board of Regents, regardless of what they may be called, for the procurement of materials, services or construction, or the disposal of materials. Meaning is interchangeable.

2.2 Customer. Unless otherwise implied by the context of the specific provision within this RFB, "Customer" means a customer of the vendor, other than the University.

2.3 Contractor. Same as Successful Vendor.

2.4 May, Should. Indicates something that is not mandatory but permissible, recommended or desirable.

2.5 MST. Mountain Standard Time. We do not observe Daylight Savings Time.

2.6 Must, Shall, Will. Indicates a mandatory requirement. Failure to meet these mandatory requirements may result in rejection of your Bid as non-responsive.

2.7 Bid. The entirety of the vendor's response to each point of this RFB, including any and all supplemental offers or information not explicitly requested within this RFB.

2.8 Proprietary Information. Information held by the owner that if released to the public or anyone outside the owner’s organization, would be detrimental to its interests. It is an issue of fact rather than opinion. Pricing and/or revenues cannot be considered proprietary or confidential.
2.9 **Provider.** Same as Vendor.

2.10 **Request for Bids (RFB).** A competitive process in which goods or services are precisely specified and price is substantially the only competitive factor.

2.11 **Respondent.** Same as Vendor.

2.12 **Response.** Same as Bid.

2.13 **Responsible Vendor.** A person who has the capability, including necessary experience, to perform the contract requirements; who has the integrity and reliability which will ensure good faith performance and appropriate quality of the materials, services, construction or construction services, to be provided; and who is in compliance with any and all licensing requirements of the State of Arizona.

2.14 **Responsive Vendor.** A person who submits a Bid which conforms in all material respects to the Request for Bids.

2.15 **Successful Vendor.** Any vendor selected by the University to receive a notice of award as a result of this RFB and to enter into a contract to provide the University with the products or services sought by this RFB.

2.16 **Supplier.** Same as Vendor.

2.17 **University.** Arizona Board of Regents (ABOR), a body corporate, for and on behalf of the University of Arizona.

2.18 **Vendor.** For purposes of this RFB, "Vendor" means any entity responding to this RFB with the intention of winning the resulting award of contract, performing the work, and/or delivering the goods specified herein.

2.19 **Vendor's Bid.** Same as Bid.

2.20 **Vendor's Response.** Same as Bid.

### 3.0 GENERAL INFORMATION AND INSTRUCTIONS TO PROPOSERS

3.1 **Original RFB Document.** The Office of Procurement and Contracting Services shall retain the RFB, and all related terms and conditions, exhibits and other attachments, in original form in an archival copy. Any modification of these, in the vendor's submission, is grounds for immediate disqualification.

3.2 **About the University.** For information about the University of Arizona, please visit the University’s Internet web page at: [www.arizona.edu](http://www.arizona.edu). For specific demographic information, visit [http://factbook.arizona.edu/](http://factbook.arizona.edu/).

**University Purpose and Core Values.** The University of Arizona’s purpose is working together to expand human potential, explore new horizons and enrich life for all. To fulfill this purpose, the University has adopted Core Values that apply to all faculty, staff, and students, as well as to those doing business with the University. The Core Values are central to the culture of the University, and Vendors are encouraged to review and uphold the following:
• Integrity – Be honest respectful and just
• Compassion – Choose to Care
• Exploration – Be insatiably curious
• Adaptation – Stay open-minded and eager for what’s next
• Inclusion – Harness the power of diversity
• Determination – Bear Down

For additional information regarding the University’s Purpose and Core Values, please visit https://www.arizona.edu/purpose-values.

3.3 **Schedule of Events.** The following is the tentative schedule that will apply to this RFB, but may change in accordance with the University’s needs.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>04/30/20</td>
<td>Issuance of RFB</td>
</tr>
<tr>
<td>05/07/20</td>
<td>Technical Questions/Inquiries due no later than 2:00 PM/MST</td>
</tr>
<tr>
<td>05/15/20</td>
<td>RFB is Due May 15, 2020, no later than 2:00 PM, MST</td>
</tr>
</tbody>
</table>

3.4 **Pre-Bid Conference.** Not Applicable.

3.5 **Pre-Bid Site Visit.** Not Applicable.

3.6 **Accommodations for People with Disabilities.** If the vendor or any of the vendor’s employees participating in this RFB need, or have questions about the University’s accommodations for people with disabilities, please make arrangements with Karen Kenagy at telephone # 520-621-1022, or facsimile # 520-621-1578, or email: kenagy@arizona.edu. Such requests should be made as early as possible to allow time to arrange the accommodation(s).

3.7 **BID PREPARATION INSTRUCTIONS**

3.7.1 **Vendor’s Understanding of the RFB.** In responding to this RFB, the vendor accepts the responsibility fully to understand the RFB in its entirety, and in detail, including making any inquiries to the University as necessary to gain such understanding. The University reserves the right to disqualify any vendor who demonstrates less than such understanding. Further, the University reserves the right to determine, at its sole discretion, whether the vendor has demonstrated such understanding. Related to this, the University’s right extends to cancellation of award if award has been made. Such disqualification and/or cancellation shall be at no fault, cost, or liability whatsoever to the University.

3.7.2 **University Provides Information in Good Faith without Liability.** All information provided by the University in this RFB is offered in good faith. Individual items are subject to change at any time. The University makes no certification that any item is without error. The University is not responsible or liable for any use of the information, or for any claims attempted to be asserted therefrom.

3.7.3 **Verbal versus Written Communication.** Verbal communication shall not be effective unless formally confirmed in writing by the specified University procurement official in charge of managing this RFB’s process. In no case shall verbal communication override written communication.
3.7.4 Questions, Communications and Inquiries between the University and Vendors.

All Vendor inquiries, questions and requests for clarification related to this RFB are to be directed, in writing (email and facsimile are also acceptable), ONLY to the Buyer listed below. Once this RFB has been sent out, Vendors are not to contact any University Department, other than Procurement and Contracting Services, concerning this RFB, or risk disqualification (see Section 3.7.1 above):

For U.S. Mail – Only (Please note that all U.S. Mail, including Express Mail, is delivered to the University’s Postal Services office and is then distributed to University Departments, including Procurement and Contracting Services, which may delay it by a day or more):

The University of Arizona
Procurement and Contracting Services
PO Box 210300
Tucson, Arizona 85721
Attn: Karen Kenagy

For other methods of delivery (e.g. FedEx, UPS, etc.):

The University of Arizona
Procurement and Contracting Services
University Services Annex, Bldg. 300A
220 W. 6th Street, 5th Floor
Tucson, Arizona 85701
Attn: Karen Kenagy

Telephone No. 520-621-8337
Cell No. 520-609-4323
Facsimile No. 520-621-1578
Email Address: kenagy@arizona.edu

Applicable terms and conditions herein shall govern communications and inquiries between the University and vendors, as they relate to this RFB.

Informal communications shall include but are not limited to requests from/to vendors or vendors' representatives of any kind or capacity, to/from any University employee or representative of any kind or capacity, with the exception of the Purchasing Department, for information, comments, speculation, etc. Inquiries for clarifications and information that will not require addenda may be submitted verbally to the Buyer named above, at any time.

Formal communications shall include but are not limited to the following.

- Questions concerning this RFB must be submitted in writing, and be received no later than 05/07/20 @ 2:00 PM/MST.
- Errors and omissions in this RFB and enhancements. Vendors shall bring to the University’s attention any discrepancies, errors, or omissions that may exist within this RFB. Vendors shall recommend to the University any enhancements in respect to this RFB, which might be in the University’s best interests. These must be submitted in writing, and be received no later than 05/07/20 @ 2:00 PM/MST.
Inquiries about technical interpretations must be submitted in writing, and be received no later than 05/07/20 @ 2:00 PM/MST.

Inquiries for clarifications / information that will not require addenda may be submitted verbally to the Buyer named above at any time during this process.

Verbal and/or written presentations and pre-award negotiations under this RFB.

Addenda to this RFB.

Informal communications shall cease on the date of distribution of this RFB and formal communications shall commence. On the date that the University notifies responding vendors of this RFB’s results and executes the resulting contract with the successful Vendor, informal communications may resume and formal communications may cease.

3.7.5 Addenda and the University’s Response to Communications from Vendor. The University will make a good-faith effort to provide a written response to each question or request for clarification that requires addenda within five (5) University business days.

All addenda will be posted to our web site only:

http://pacs.arizona.edu/RFP-BID_Opportunities

- Vendors who want the addenda supplied to them in another form must notify Karen Kenagy of that requirement. Otherwise, it will be the vendor’s responsibility to check the web site for any additional information and addenda concerning this RFB.

The University will not respond to any questions / requests for clarification that require addenda, if received by the University after 05/07/20 @ 2:00 PM/MST.

3.7.6 Pricing and/or Revenue Bid. Vendors shall indicate pricing and/or revenue offers in the appropriate spaces and/or areas provided in this RFB. The University may presume and hold as the vendor’s final offer all pricing and/or revenue offerings, whether stated as amounts or percentages, and/or whether or not offered on an all-or-none basis, if not specified by the vendor. The University may accept or reject in part or entirely the vendor’s pricing and/or revenue offerings when such offerings are not on an all-or-none basis. Vendor’s pricing and/or revenue Bids may not be modified after the RFB Due date and time. Unless otherwise specifically proposed by the vendor, the University reserves the right to hold such pricing and/or revenue Bid as effective for the entire intended contract term. The University may prescribe the manner and method by which pricing and/or revenue offerings shall be communicated in the vendor’s Bid. The University may reject any Bid in which the pricing and/or revenue offering does not conform to such prescribed manner and method. Vendors shall indicate pricing and/or revenue offers in the appropriate spaces and/or areas provided in this RFB. Vendors shall ensure that any departure from this condition results in an offer that is clearly cross-referenced to the applicable sections within this RFB. For any material departure from this condition, vendors shall provide clear and unambiguous explanations how the departure relates in detail to the applicable
3.7.7 **Revisions to the RFB.** The University may revise any part of this RFB for any reason by issuing addenda. The University will communicate additional information and addenda to this RFB by posting them on our web site.

http://pacs.arizona.edu/RFP-BID_Opportunities

- Vendors that want the revisions supplied to them in another way must notify the Buyer listed in this document of that request. Otherwise, it will be the vendor’s responsibility to check the web site for any additional information and addenda concerning this RFB.

Vendors are responsible for the information contained in such addenda, whether or not they acknowledge receipt. The University is under no obligation to communicate such addenda to vendors who notify the University that they will not be responding to this RFB. The University may determine whether an addendum will be considered as part of this RFB and/or as part of any resultant contract. **The University shall reject vendors’ responses to addenda if such responses are received after the RFB Due date and time.**

3.7.8 **Attention to Terms and Conditions.** Vendors are cautioned to thoroughly understand and comply with all matters covered under the Terms and Conditions section of this RFB. The successful Vendor is expected to enter into a form of agreement approved by the Arizona Board of Regents. The University agreement terms and conditions included in this RFB are intended to be incorporated into this agreement. **Bids that are contingent upon any changes to these terms and conditions may be deemed to be non-responsive and may be rejected.**

3.7.9 **Required Signatures.** The University may reject any vendor’s response if it is not signed as indicated and/or required by the areas, spaces, or forms provided within this RFB.

3.7.10 **Bid Organization.** Vendors shall present Bids in a format that can be readily incorporated into a contract. Vendors may present narrative Bids provided that such Bids follow the same outline and numbering scheme of this RFB, including full descriptive cross-references to all requirements listed in **Section 5.0.** Vendors should ensure that their Bids include page numbers and are organized in a manner that will facilitate the University’s evaluation of them. The University reserves the right to reject without prior notice and without liability of any kind or amount any Bid that it deems overly complex, disorganized, or difficult to evaluate. The University reserves the right to make such a decision without any input or communication from any other party. Vendors shall ensure that, at a minimum, their Bids contain the components set forth in the following list.

- Original required sections from this RFB
- Any additional responses in corresponding sequence order
- Any additional supporting data

3.7.11 **Collusion Prohibited.** In connection with this RFB, vendor collusion with other vendors or employees thereof, or with any employee of the University, is prohibited.
and may result in vendor disqualification and/or cancellation of award. Any attempt by the vendor, whether successful or not, to subvert or skirt the principles of open and fair competition may result in vendor disqualification and/or cancellation of award. Such disqualification and/or cancellation shall be at no fault or liability whatsoever to the University.

3.7.12 Improper Business Relationships / Conflict of Interest Prohibited. In connection with this RFB, each vendor shall ensure that no improper, unethical, or illegal relationships or conflict of interest exists between or among the vendor, the University, and any other party to this RFB. The University reserves the right to determine the materiality of such relationships, when discovered or disclosed, whether intended or not; and to decide whether or not vendor disqualification and/or cancellation of award shall result. Such disqualification and/or cancellation shall be at no fault or liability whatsoever to the University.

3.7.13 Corrections, Changes, and Providing Information on Forms within the RFB. Vendors shall ensure that an authorized individual initials each correction using pen and ink. Vendors shall use pen and ink or typewriter in providing information directly on pages, or copies thereof, contained within this RFB.

3.7.14 Bid Bond. Not Applicable.

3.7.15 Performance and / or Payment Bonds. Not Applicable.

3.7.16 Anti-Kickback. In compliance with FAR 52.203-7, the University has in place and follows procedures designed to prevent and detect violations of the Anti-Kickback Act of 1986 in its operations and direct business relationships.

3.8 BID SUBMISSION AND SUBSEQUENT ACTION

Bids must be delivered sealed; be received and be date / time stamped at the University’s Procurement and Contracting Services office reception desk, which is located on the 5th floor of the University Services Annex Building, 220 W. 6th Street, Tucson, AZ 85701, no later than 05/15/20 @ 2:00 PM/MST.

Vendors, please be advised that it is your sole responsibility to ensure that your Bid is received as described in the paragraph above. The University shall not be responsible for any delay’s that may occur.

Bids must be delivered sealed to:

In response to the current COVID-19 Pandemic, email bid responses will be accepted until the due date and time. Bids may be emailed to kenagy@arizona.edu and should be titled in the following format:

Sealed RFB S112002
Due 5/15/20 @ 2:00 PM/MST
ATTN: Karen Kenagy
VENDOR NAME
no later than 05/15/20 @ 2:00 PM/MST. The University shall not accept Bids received by facsimile or email. The University shall, at the specified Due date and time, accept all Bids that are otherwise in order. The University will allow interested parties to be present for purposes of identifying which vendors have responded. The University will make no immediate decision at such time, and there will be no disclosure of any information, other than pricing, contained in any Bid until after formal notice of award and execution of any contract resulting from this RFB. When multiple solicitations have been scheduled to open at the same date and time, the University will open solicitations that have interested individuals present in sequential order by solicitation number. The University will hold unopened any Bids received after the Due date and time, and will not consider such Bids. The University reserves the right to retain or dispose of such Bids at its discretion; however, the University may return such Bids to their related vendors, but only at such vendor’s request and at no cost or expense whatsoever to the University.

If the University determines that due to insufficient number of Bids received, it would be in the University’s best interest, the University may extend the Due date in order to determine why other vendors did not respond and to encourage other vendors to respond.

3.8.1 **Bid Costs.** The University is not liable in any manner or to any extent for any cost or expense incurred by any vendor in the preparation, submission, presentation, or any other action connected with proposing or otherwise responding to this RFB. Such exemption from liability applies whether such costs are incurred directly by the vendor or indirectly through the vendor’s agents, employees, assigns or others, whether related or not to the vendor.

3.8.2 **Faxes and Emails Not Accepted.** The University shall not accept Bids received by fax or email. ***See Section 3.8 for emailing Sealed Bid Response***

3.8.3 **Number of Bid Copies to be Furnished.** Vendors are to submit one (1) original, in electronic form, either Microsoft Word or as an Adobe PDF file per section 3.8.

3.8.4 **Binding and Marking.** Vendors shall ensure that the original and each copy are individually bound. When submitting more than one (1) Bid, vendors shall ensure that units are clearly marked; for example, as "Original of Bid One," "Copy One of Bid One," "Original of Bid Two," "Copy One of Bid Two;" and so on.

3.8.5 **Marking of Envelopes.** Vendors shall ensure that the submittal envelope(s) clearly and conspicuously display the following identifying information in addition to any other information otherwise required for transmittal, and are sealed.

***See Section 3.8 for emailing Sealed Bid Response***

3.8.6 **Withdrawal of RFB.** Vendors may withdraw their Bids any time prior to the RFB Due date and time. Vendors may request to withdraw their Bids after the RFB Due date and any time prior to selection and notice of award. The University shall have sole authority to grant or deny such a request. In the event the University grants such a request, it may withhold issuing future RFB’s to such vendors.

3.8.7 **University’s Right to Use Vendor’s Ideas / Proprietary Information.** If the vendor needs to submit proprietary information with the Bid, the vendor shall ensure that it is enclosed in a separate envelope from the Bid and that it is clearly designated and conspicuously labeled as such.
The University shall have the right to use any ideas that are contained in any Bid received in response to this RFB, along with any adaptation of such ideas. Selection or rejection of the Bid shall not affect the University’s right of use. Provided, however, that the University will, in good faith, honor any vendor information that is enclosed in a separate envelope from the Bid and clearly designated and conspicuously labeled as proprietary, and the University concurs that the information is proprietary. The envelope must also contain the reason(s) why the enclosed material is to be considered proprietary. Trade secrets or other proprietary data contained in the Bid documents shall be maintained as confidential in accordance with procedures promulgated by the Procurement Officer and subject to limitations in Arizona or Federal law. Pricing information cannot be considered proprietary or confidential. The University shall not be liable in any manner or in any amount for disclosing proprietary information if such information is not clearly so designated and conspicuously so labeled. The University shall likewise not be liable if it did not know or could not have reasonably known that such information was proprietary. At no time will the entire Bid be considered proprietary and be kept confidential.

3.9 EVALUATION PROCESS AND AWARD

3.9.1 Contractual Intent / Right to Terminate and Recommence RFB Process. The University intends to contract with one or more vendors whose Bid(s) are considered to be in the best interests of the University. However, the University may terminate this RFB process at any time up to notice of award, without prior notice, and without liability of any kind or amount. Further, the University reserves the right to commence one or more subsequent RFB processes seeking the same or similar products or services covered hereunder.

3.9.2 Effective Period of Bids. Under this RFB, the University shall hold that vendors’ responses to this RFB shall remain in effect for a period of ninety (90) days following the Due date, in order to allow time for evaluation, approval, and award of the contract. Any vendor who does not agree to this condition shall specifically communicate in its Bid such disagreement to the University, along with any proposed alternatives. The University may accept or reject such proposed alternatives without further notification or explanation.

3.9.3 Bid Acceptance/Rejection. The University reserves the right to reject any or all Bids. Such rejection may be without prior notice and shall be without any liability of any kind or amount to the University. The University shall not accept any Bid that the University deems not to be in its best interests. The University shall reject Bids submitted after the Due date and time.

3.9.4 Errors and Omissions in Vendors Bids. The University may accept or reject any vendor’s Bid, in part or in its entirety, if such Bid contains errors, omissions, or other problematic information. The University may decide upon the materiality of such errors, omissions, or other problematic information.

3.9.5 Determination of and Information Concerning Vendor's Qualifications. The University reserves the right to determine whether a vendor has the ability, capacity, and resources necessary to perform in full any contract resulting from this RFB. The University may request from vendors information it deems necessary to evaluate such vendors’ qualifications and capacities to deliver the products and/or services sought.
hereunder. The University may reject any vendor’s Bid for which such information has been requested but which the vendor has not provided. Such information may include but is not limited to:

- Financial resources
- Personnel resources
- Physical resources
- Internal financial, operating, quality assurance, and other similar controls and policies
- Resumes of key executives, officers, and other personnel pertinent to the requirements of the RFB
- Customer references
- Disclosures of complaints or pending actions, legal or otherwise, against the vendor

3.9.6 **Apparently Conflicting Information Obtained by Vendor.** The University is under no obligation whatsoever to honor or observe any information that may apparently conflict with any provision herein, regardless of whether such information is obtained from any office, agent, or employee of the University. Such information shall not affect the vendor’s risks or obligations under a contract resulting from this RFB.

3.9.7 **Rejection of Vendor Counter-offers, Stipulations and Other Exceptions.** Any vendor exception, stipulation, counter-offer, requirement, and/or other alternative term or condition shall be considered rejected unless specifically accepted in writing by the University and thereafter incorporated into any contract resulting from this RFB.

3.9.8 **Method of Award.** Each response to this RFB will be reviewed for its overall competence, compliance, format, and organization. Bids which the University deems overly complex, disorganized, or difficult to evaluate may be rejected in accordance with Section 3.7.10 of this RFB. The award shall be made to the responsive and responsible vendor whose Bid is determined to be the most advantageous to the University of Arizona. The contract will consist of the University’s RFB, the Bid with any and all revisions, award letter, and/or purchase order, and/or the signed agreement between the parties, as stated in that agreement.

3.9.8.1 **Tied Low Bids.** In the event of a tie involving two or more low bids, the Vendors submitting the low bids will be given a chance to submit revised bids. The award will be made to the responsive and responsible Vendor submitting the revised low bid. In the event there are still two or more tied bids the Buyer will conduct a drawing, in the presence of two witnesses, to determine the winning bid. The award will be made to the low responsive and responsible Vendor whose name is drawn. The process will be documented and made a part of the Bid file. This procedure will be used whether the solicitation is an Informal Request for Bids or a formal Sealed Request for Bids.

3.9.9 **Selection, Negotiation, Additional Information.** The University reserves the right to request additional information or clarification on any matter included in the Bid, it also reserves the right to select the most responsive and responsible vendor or vendors without further discussion, or prior notice.

3.9.10 **Notification of Non-selection.** The University reserves the right not to notify vendors whose RFB responses are not selected for further consideration or notice of award. If
the University decides to notify such vendors in writing, it will send the notifications to the address indicated in each such vendor's Bid. Once the award has been finalized, a notice of award may be posted on our website.

3.9.11 Vendor’s Need to Use Proprietary Rights of the University. All information proprietary to the University and disclosed by the University to any vendor shall be held in confidence by the vendor and shall be used only for purposes of the vendor’s performance under any contract resulting from this RFB.

3.9.12 Public Record. After the award and execution of a contract resulting from this RFB, vendors' Bids become public record and are available for review during the University's regular office hours. The University will, in good faith and to the extent allowed by law, honor any vendor information that is clearly designated and conspicuously labeled as proprietary, and the University agrees that the information is proprietary. If the vendor needs to submit proprietary information with the Bid, the vendor shall ensure that it is enclosed in a separate envelope from the Bid and that it is clearly designated and conspicuously labeled as such. The envelope must also contain the reason(s) why the enclosed material is to be considered proprietary. At no time shall the entire Bid be considered proprietary and be kept confidential. The University shall not be liable in any manner or in any amount for disclosing proprietary information if such information is not clearly so designated and conspicuously so labeled. The University shall likewise not be liable if it did not know or could not have reasonably known that such information was proprietary. Pricing information cannot be considered proprietary or confidential.

3.9.13 Certification. By signature on the “Bid Certification” form included herein, the Vendor certifies that the submission of the Bid did not involve collusion or other anti-competitive practices. The Vendor has not given, offered to give, nor intends to give at any time hereafter any economic opportunity, future employment, gift, loan, gratuity, special discount, trip, favor, or service to a public servant in connection with the submitted Bid. In addition, Vendor certifies whether or not any employee of the University has, or has a relative who has, a substantial interest in any Agreement that may result from this RFB. Vendor also certifies their status with regard to debarment, or suspension by any federal entity.

Failure to provide a valid signature affirming the stipulations required by this clause shall result in the rejection of the submitted Bid and, if applicable, any resulting Agreement. Signing the certification with a false statement shall void the Bid and, if applicable, any resulting Agreement. Any resulting Agreement may be subject to legal remedies provided by law. Vendor agrees to promote and offer to the University only those services and/or materials as stated in and allowed for under resulting Agreement(s).

4.0 AGREEMENT TERMS AND CONDITIONS

The following are the Terms and Conditions that will become part of any Agreement consummated between the University and the Successful Vendor. In the event of a conflict between any provisions contained in any of the documents governing this transaction, the following shall be the order of precedence: Award Letter; Written Agreement; Request for Bids; Bid.

4.1 Actions of Successful Vendor. The University is under no obligation whatsoever to be bound by the actions of any Successful Vendor with respect to third parties. The Successful Vendor is not a division or agent of the University.
4.2 Advertising. The Successful Vendor shall not advertise or publish information concerning the Agreement without prior written consent of the University. The University shall not unreasonably withhold permission.

4.3 Americans with Disabilities Act and Rehabilitation Act. The Successful Vendor will comply with all applicable provisions of the Americans with Disabilities Act, the Rehabilitation Act, and all applicable federal regulations.

All electronic and information technology and products and services to be used by University faculty/staff, students, program participants, or other University constituencies must be compliant with the Americans with Disabilities Act as amended and the Rehabilitation Act. Compliance means that a disabled person can acquire the same information, engage in the same interactions, and enjoy the same services as a nondisabled person, in an equally effective and integrated manner, with substantially equivalent ease of use.

4.3.1 Electronic and Information Technology. Any acquisition considered electronic and information technology (EIT) as defined by the Access Board at 36 CFR 1194.4 and in the FAR at 2.101 must comply with Section 508 (36 CFR Part 1194) and, for web-based applications, WCAG 2.0, Level AA Guidelines. In addition, the submission of a completed Voluntary Product Accessibility Template (VPAT) is required so the University of Arizona may ascertain conformance. Proposals or bids without a completed VPAT may be disqualified from competition. The UA Guide to the VPAT and the templates themselves are available to assist vendors in this process. See information at http://itaccessibility.arizona.edu/guidelines/purchasing/vpat.

EIT is information technology (IT) and any equipment or interconnected system or subsystem of equipment that is used in the creation, conversion, or duplication of data or information. EIT includes, but is not limited to:

- telecommunication products, such as telephones;
- information kiosks and transaction machines;
- World Wide Web sites;
- software;
- multimedia (including videotapes); and
- office equipment, such as copiers and fax machines.

The University of Arizona reserves the right to perform real-world testing of a product or service to validate vendor claims regarding Section 508 conformance. To facilitate testing, the vendor will, upon request, provide the University with access to the product being considered for purchase for a period of at least 30 calendar days.

4.3.2 Services and Products. An accessible service or product is one that can be used by as many people as possible, taking into account their physical, cognitive, emotional, and sensory differences.

Services provided include, but are not limited to:

- education and training;
- cultural and athletic events;
- vehicle rentals
- event space and lodging; and
- parking and transportation.

Products include, but are not limited to:

- office equipment;
- office and classroom furniture; and
- kiosks

4.4 **Conflict of Interest.** Pursuant to the provisions of Arizona Revised Statute § 38-511, the Arizona Board of Regents may, within three years after its execution, cancel the Agreement without penalty or further obligation if any person significantly involved in negotiating, drafting, securing or obtaining the Agreement for or on behalf of the Arizona Board of Regents becomes an employee in any capacity of any other party or a consultant to any other party with reference to the subject matter of the Agreement while the Agreement or any extension thereof is in effect.

4.5 **Drug Free Workplace.** The Successful Vendor agrees that in the performance of the Agreement, neither the Successful Vendor nor any employee of the Successful Vendor shall engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance in conducting any activity covered by the Agreement. The University reserves the right to request a copy of the Successful Vendor’s Drug Free Workplace Policy. The Successful Vendor further agrees to insert a provision similar to this statement in all subcontracts for services required.

4.6 **Equal Opportunity.** The provisions of Section 202 of Executive Order 11246.41 C.F.R. Sec. 60-1.4.41 C.F.R. Sec. 60-250.4 and 41 C.F.R. Sec. 60-741.4 are incorporated herein by reference and shall be applicable to the Agreement unless the Agreement is exempted under the rules, regulations or orders of the U.S. Secretary of Labor.

4.7 **Federal, State, and Local Taxes, Licenses and Permits.** Successful Vendor is solely responsible for complying with all laws, ordinances, and regulations on taxes, licenses and permits, as they may apply to any matter under this RFB. The Successful Vendor must demonstrate that they are duly licensed by whatever regulatory body may so require during the performance of the Agreement. Prior to the commencement of Agreement, the Successful Vendor shall be prepared to provide evidence of such licensing as may be requested by the University. Successful Vendor shall, at no expense to the University, procure and keep in force during the entire period of the Agreement all such permits and licenses.

4.8 **Inspection and Audit.** Pursuant to the provisions of Arizona Revised Statute § 35-214, all books, accounts, reports, files and other records relating to the Agreement shall be subject at all reasonable times to inspection and audit by the Arizona Board of Regents, The University of Arizona or the Auditor General of the State of Arizona, or their agents for five (5) years after completion or termination of the Agreement.

4.9 **Liens.** Each Successful Vendor shall keep the University free and clear from all liens asserted by any person or entity for any reason arising out of the furnishing of services or materials by or to the Successful Vendor.

4.10 **Modifications.** The Agreement can be modified or rescinded only by a writing signed by both parties or their duly authorized agents.
4.11 **Non-Discrimination.** The parties shall comply with all applicable state and federal statutes and regulations governing equal employment opportunity, non-discrimination, and immigration.

4.12 **Sales and Use Tax.** The Successful Vendor agrees to comply with and to require all of his subcontractors to comply with all the provisions of applicable law. The Successful Vendor further agrees to indemnify and hold harmless the University from any and all claims and demands made against it by virtue of the failure of the Successful Vendor or any subcontractors to comply with the provisions of any and all said laws. The University is not exempt from state sales and use tax, except for equipment purchased for research or development. Any equipment ordered as tax exempt shall be invoiced separately from taxable systems, even if purchased on the same purchase order as issued by the University.

4.13 **Prohibited Harassment.** Federal law and the policies of the University prohibit sexual harassment of University employees or students. Sexual harassment includes any unwelcome sexual advance toward a University employee or student, any request for a sexual favor from a University employee or student, or any other verbal or physical conduct of a sexual nature that is so pervasive as to create a hostile or offensive working environment for University employees, or a hostile or offensive academic environment for University students. University vendors, subcontractors and suppliers for this project are required to exercise control over their employees so as to prohibit acts of sexual harassment of University employees and students. The employer of any person who the University, in its reasonable judgment, determines has committed an act of sexual harassment agrees as a term and condition of the Agreement to cause such person to be removed from the project site and from University premises and to take such other action as may be reasonably necessary to cause the sexual harassment to cease.

4.14 **Small Business Utilization Program.** The University is committed to its [Small Business Utilization Program](http://www.hr.arizona.edu/policy/classified-staff/408.0) and to the development of Small Business. If subcontracting is necessary, the Successful Vendor will make every effort to use Small Businesses in the performance of the Agreement.

4.15 **Smoking and Tobacco Policy.** This policy applies to the University of Arizona main campus in Tucson, the Arizona Health Sciences Center, the Phoenix Biomedical Center, UA South and all University vehicles. This policy applies to University students, faculty, employees, contractors, volunteers, and visitors on its campuses and in its vehicles. To view the complete policy, click on [http://www.hr.arizona.edu/policy/classified-staff/408.0](http://www.hr.arizona.edu/policy/classified-staff/408.0). The Successful Vendor is expected to respect this tobacco free policy and fully comply with it.

4.16 **Export Control.** The Parties acknowledge that any goods, materials, or services specified in this solicitation may be subject to the export control laws of the United States, specifically including, but not limited to, the requirements of the International Traffic in Arms Regulations (ITAR), 22 C.F.R. 120 et seq., and the Export Administration Regulations, 15 C.F.R. 730-774. Vendor shall inform the designated Buyer of the export classification in their response. The University may elect not to receive certain export controlled items.

4.17 **No Boycott of Goods or Services from Israel.** If the Goods/Services provided under this Agreement include the acquisition of services, supplies, information technology or construction with a value of at least $100,000 and Supplier is engaged in for-profit activity and has 10 or more full-time employees, then, to the extent required by ARS § 35-393.01, Supplier certifies it is not currently engaged in, and during the term of this Agreement will not engage in, a boycott of goods or services from Israel.
4.18 **Arbitration.** The parties agree to arbitrate disputes filed in Arizona Superior Court that are subject to mandatory arbitration pursuant to ARS § 12-133.

4.19 **Act of God.** Neither the Supplier / Contractor nor the University shall be liable for failure to perform if such failure is caused by or due to acts on regulations of public authorities, labor difficulties, civil tumult, strike, epidemic, pandemic, or any cause beyond the control of Supplier / Contractor or the University. Neither party shall be under any further obligation to the other.

4.20 **Administrative (Legal) Remedies.** The Arizona Board of Regents has promulgated Administrative (Legal) Remedies for alleged breaches or disputes arising from the Agreement. These remedies are exclusive and must be exhausted before the filing of any legal action.

4.21 **Assignment-Delegation.** No right or interest in the Agreement shall be assigned or delegation of any obligation made by Successful Vendor without the written permission of the University. Any attempted assignment or delegation by Successful Vendor shall be wholly void and totally ineffective for all purposes unless made in conformity with this paragraph.

4.22 **Assignment of Anti-Trust Overcharge Claims.** The parties recognize that in actual economic practice overcharges resulting from anti-trust violations are in fact borne by the ultimate purchaser; therefore, Successful Vendor hereby assigns to the University any and all claims for such overcharges.

4.23 **Date for Reckoning Prompt-Payment Discount.** For purposes of determining whether a prompt-payment discount, if applicable, may be taken by the University, the starting date of such reckoning period shall be the later of the date of a properly executed invoice or the date of completion of service and/or delivery of product.

4.24 **Force Majeure.** Neither party shall be held responsible for any losses resulting if the fulfillment of any terms or provisions of the Agreement are delayed or prevented by any cause not within the control of the party whose performance is interfered with, and which by the exercise of reasonable diligence, said party is unable to prevent.

4.25 **Indemnification / Hold Harmless.** The Successful Vendor shall indemnify, defend, and hold harmless to the fullest extent allowed by law the State of Arizona, the Arizona Board of Regents and the University, its officers, agents, and employees ("Indemnitees") from any and all claims, demands, suits, actions, proceedings, loss, cost, and damages of every kind and description, including attorneys’ fees and/or litigation expenses, which may be brought or made against or incurred on account of breach, or loss of or damage to any property, or for injuries to or death of any person, or financial loss incurred by Indemnitees, caused by, arising out of, or contributed to, in whole or in part, by reasons of any act, omission, professional error, fault, mistake, or negligence of Successful Vendor, its employees, agents, representatives, or subcontractors, their employees, agents, or representatives in connection with or incident to the performance of the Agreement, or arising out of Workers Compensation claims, Unemployment Compensation claims, or Unemployment Disability Compensation claims of employees of Successful Vendor and/or its subcontractors of claims under similar such laws and obligations. Successful Vendor's obligation under this provision shall not extend to any liability caused by the sole negligence of the State of Arizona, Arizona Board of Regents, University or its officers, agents, and employees. Such indemnification shall specifically include infringement claims made against any and all intellectual property supplied by Successful Vendor and third party infringement under the Agreement.
4.26 **Insurance Requirements.** Not Applicable.

4.27 **Intellectual Property.** Not Applicable.

4.28 **Labor Disputes.** Successful Vendor shall give prompt notice to the University of any actual or potential labor dispute which delays or may delay performance of the Agreement.

4.29 **Laws and Regulations.** Successful Vendors are solely responsible for keeping themselves fully informed of and faithfully observing all laws, ordinances, and regulations affecting the rights of their employees, and shall protect and indemnify the University, its officers and agents against any claims of liability arising from or based on any violation thereof.

4.30 **No Replacement of Defective Tender.** Every tender of goods must fully comply with all provisions of the Agreement as to time of delivery, quantity, quality, and the like. If a tender is made which does not fully conform, this shall constitute a breach and Successful Vendor shall not have the right to substitute a conforming tender.

4.31 **No Waiver of Right by the University.** No waiver by University of any breach of the provisions of the Agreement by the Successful Vendor shall in any way be construed to be a waiver of any future breach or bar the University’s right to insist on strict performance of the provisions of the Agreement.

4.32 **Parking.** The Successful Vendor shall obtain all parking permits and/or decals that may be required while performing project work on University premises. The Successful Vendor should contact [Parking and Transportation Services](#) located at 1117 E. Sixth St., Tucson, AZ 85721-0181.

4.33 **Payment Terms.** Payments by the University shall be subject to the provision of Title 35 of Arizona Revised Statutes relating to time and manner of submission of claims. The University’s obligation is payable only and solely from funds appropriated for the purpose of the Agreement. Unless otherwise stated herein, the payment terms for the Agreement are Net 30 days.

4.34 **Performance and / or Payment Bonds.** Not Applicable.

4.35 **Price Adjustment for Multi-Year Contracts.** Price changes will normally only be considered at the end of one Agreement period and the beginning of another. Price change requests shall be in writing, submitted at least sixty (60) days prior to the end of the current Agreement period, and shall be supported by written evidence of increased costs to the Successful Vendor. The University will not approve unsupported price increases that will merely increase the gross profitability of the Successful Vendor at the expense of the University. Price change requests shall be a factor in the Agreement extension review process. The University shall, in its sole opinion, determine whether the requested price increase or an alternate option is in the best interest of the University.

4.36 **Prior Course of Dealings.** No trade usage, prior course of dealing, or course of performance under other agreements shall be a part of any agreement resulting from this RFB; nor shall such trade usage, prior course of dealing, or course of performance be used in the interpretation or construction of such resulting agreement.

4.37 **Referencing of Orders.** For each order issued against an agreement resulting hereunder, the University intends in good faith to reference this RFB for pricing, terms and conditions, delivery location, and other particulars. However, in the event the University fails to do so, the
University’s right to such terms, conditions, and particulars shall not be affected, and no liability of any kind or amount shall accrue to the University.

4.38 Remedies and Applicable Law. The Agreement shall be governed by and construed in accordance with the laws of the State of Arizona. University and Successful Vendor shall have all remedies afforded each by said law. The venue in any action or litigation commenced to enforce the Agreement shall be instituted in the appropriate courts in Arizona.

4.39 Right of Assurance. Whenever one party to the Agreement in good faith has reason to question the other party’s intent to perform, he may demand that the other party give a written assurance of their intent to perform. In the event that a demand is made and no written assurance is given within ten calendar (10) days, the demanding party may treat this failure as an anticipatory repudiation of the Agreement.

4.40 Right of Inspection. University shall have the right to inspect the goods at delivery before accepting them.

4.41 Right of Offset. The University shall be entitled to offset against any sums due the Successful Vendor, any expenses or costs incurred by the University, or damages assessed by the University concerning the Successful Vendor’s non-conforming performance or failure to perform the Agreement, or any other debt owing the University, including expenses, costs and damages described in the termination provisions contained herein.

4.42 Shipment Under Reservation Prohibited. Successful Vendor is not authorized to ship the goods under reservation and no tender of a bill of lading will operate as a tender of the goods.

4.43 Successful Vendor to Package Goods. Successful Vendor will package goods in accordance with good commercial practice. Each shipping container shall be clearly and permanently marked as follows: (a) Successful Vendor’s name and address; (b) Consignee’s name, address and purchase order number; (c) Container number and total number of containers, e.g. box 1 of 4 boxes and (d) the number of the container bearing the packing slip. Successful Vendor shall bear cost of packaging unless otherwise provided.

4.44 Termination

4.44.1 Convenience. The University reserves the right to terminate the Agreement in whole or in part at any time when in the best interests of the University without penalty or recourse. Upon receipt of the written notice, the Successful Vendor shall immediately stop all work as directed in the notice, notify all subcontractors of the effective date of the termination and minimize all further costs to the University. In the event of termination under this provision, all documents, data and reports prepared by the Successful Vendor under the Agreement shall become the property of and delivered to the University. The Successful Vendor shall be entitled to receive just and equitable compensation for work in progress, work completed and materials accepted before the effective date of termination. Such compensation shall be the Successful Vendor’s sole remedy against the University in the event of termination under this provision.

4.44.2 Default. The University reserves the right to terminate the Agreement in whole or in part due to the failure of the Successful Vendor to comply with any term or condition of the Agreement, to acquire and maintain all required insurance policies, bonds, licenses and permits, or to make satisfactory progress in performing the Agreement. The University shall provide written notice of the termination and the reasons for it to
the Successful Vendor. Upon termination under this provision, all goods, materials, documents, data and reports prepared by the Successful Vendor under the Agreement shall become the property of and be delivered to the University on demand. The University may, upon termination of the Agreement, procure, on terms and in the manner that it deems appropriate, materials or services to replace those under the Agreement. The Successful Vendor shall be liable to the University for any Excess Costs incurred by the University in re-procuring the materials or services.

4.44.3 Gratuities. The University may, by written notice to the Successful Vendor, cancel the Agreement if it is discovered by the University that gratuities, in the form of entertainment, gifts or other, were offered or given by the Successful Vendor, or any agent or representative of the Successful Vendor, to any officer or employee of the University with a view toward securing an Agreement or securing favorable treatment with respect to the awarding or amending, or the making of any determinations with respect to the performing of such Agreement. In the event the Agreement is canceled by the University pursuant to this provision, University shall be entitled, in addition to any other rights and remedies, to recover or withhold the amount of the cost incurred by Successful Vendor in providing such gratuities.

4.44.4 Insolvency. The University shall have the right to terminate the Agreement at any time in the event Successful Vendor files a petition in bankruptcy; or is adjudicated bankrupt; or if a petition in bankruptcy is filed against Successful Vendor and not discharged within thirty (30) days; or if Successful Vendor becomes insolvent or makes an assignment for the benefit of its creditors or an arrangement pursuant to any bankruptcy law; or if a receiver is appointed for Successful Vendor or its business.

4.44.5 Lack of Funding. The Agreement may be canceled without further obligation on the part of the Arizona Board of Regents and the University of Arizona in the event that sufficient appropriated funding is unavailable to assure full performance of the terms. The Successful Vendor shall be notified in writing of such non-appropriation as soon as reasonably possible. No penalty shall accrue to the Board or the University in the event this cancellation provision is exercised. This cancellation provision shall not be construed so as to permit the University to terminate the Agreement in order to acquire similar equipment, material, supplies or services from another party.

4.44.6 Stop Work Order. The University may at any time, by written order to the Successful Vendor, require the Successful Vendor to stop all or any part of the work called for by the Agreement for a period of ninety (90) days after the order is delivered to the Successful Vendor, and for any further period to which the parties may agree. The order shall be specifically identified as a Stop Work Order issued under this provision. Upon receipt of the order, the Successful Vendor shall immediately comply with its terms and take all reasonable steps to minimize the incidence of costs allocable to the work covered by the order during the period of work stoppage. If a Stop Work Order issued under this provision is canceled or the period of the order or any extension expires, the Successful Vendor shall resume work. The University shall make an equitable adjustment in the delivery schedule or Agreement price, or both, and the Agreement shall be amended in writing accordingly.

4.44.7 Suspension or Debarment. The University may by written notice to the Successful Vendor immediately terminate the Agreement if the University determines that the Successful Vendor has been debarred, suspended or otherwise lawfully prohibited from participating in any public procurement activity, including but not limited to, being
disapproved as a subcontractor Vendor of any public procurement unit or other governmental body.

4.45 **Continuation of Performance through Termination.** The Successful Vendor shall continue to perform, in accordance with the requirements of Agreement, up to the date of termination, as directed in the termination notice.

4.46 **Title and Risk of Loss.** The title and risk of loss of the goods shall not pass to University until University actually receives the goods at the point or points of delivery.

4.47 **Warranties.** In addition to any implied warranties, Successful Vendor warrants that the goods furnished will conform to the specifications, drawings, and descriptions listed herein, and to the sample or samples furnished by the Successful Vendor, if any. In the event of a conflict between the specifications, drawings, and descriptions, the specifications shall govern.

4.48 **Confidentiality.** The parties shall comply with 20 USC Section 1232(g), the Buckley Amendment to the Family Educational Right and Privacy Act of 1974. Therefore, Vendor shall not be entitled to receive Employee or Student information directly from University, other than public information available in University directories which is not protected by federal or state privacy or confidentiality statutes or regulations. Vendor may solicit Employee and Student information directly from Employees and Students subject to prior disclosures by Vendor of all intended uses of such information. Regardless of the Employee or Student personal information, even if such information is publicly available via directories, Vendor shall under no circumstances sell, duplicate, market, or give to any person or persons, entities or other companies a list or other personal information of any or all Employees or Students. All identities and personal information Employees and Students shall remain confidential. And disclosure by Vendor occurring without the express prior written consent of the Employee or Student shall result in the immediate termination of this agreement.

4.49 **Data Use, Ownership, and Privacy.** Not Applicable.

4.50 **Non-Discrimination, Affirmative Action.** Contractor and subcontractor shall abide by the requirements of 41 CFR §§ 60-1.4(a), 60-300.5(a) and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibit discrimination against all individuals based on their race, color, religion, sex, or national origin. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, national origin, protected veteran status or disability.

4.51 **PCI DSS AND PABP COMPLIANCE.** Not Applicable.

5.0 **SCOPE OF WORK, SPECIFICATIONS, TECHNICAL REQUIREMENTS**

5.1 To provide the University of Arizona, Steward Observatory (UASO) with a new or used Chicago Bridge and Iron Works (CBI) Model # 12'4" x 22'6" Thermal Vacuum System Space Simulation Chamber, or equal. The vacuum chamber system must be delivered by July 15, 2020.

5.1 **Vacuum Chamber Specifications.**

5.1.1 **Vacuum Pressure and Dimensional Requirements.**
5.1.1.1 The chamber must be able to achieve a vacuum pressure of 5 mbar in 2½ to 4 hours.

5.1.1.2 The chamber must be able to cool to -60 F in two hours, then rewarmand hold at 0F for 96 hours.

5.1.1.3 The chamber should be oriented horizontally and be equipped with a full width ‘vault style’ door that swings 110 degrees and is vibration isolated when closed.

5.1.1.4 The doors and chamber shell should be of 304L stainless steel, ¾” wall thickness.

5.1.1.5 A personnel door 3’-6” W x 6’ H shall be on the opposite end of chamber from vault style door.

5.1.1.6 It will require an internal rail and trolley system to facilitate moving experiments inside the chamber. Trolley capacity to be 10,000 pounds.

5.1.1.7 The internal chamber dimensions shall be 12’-4” W x 22’-6” L.

5.1.2 Cooling Requirements.

5.1.2.1 The chamber shall be cooled by Liquid Nitrogen.

5.1.2.2 Full Thermal Shroud Dimensions – sliding shroud door on chevron wall aligned with personnel door.

5.1.2.3 Internal Shroud Dimensions: 129” at Widest x 118” High x 20’-6” Deep.

5.1.2.4 Shroud (Design Temperature): -320 F /+300 F

5.1.2.5 Operating Temperature: +/- 180 F

5.1.2.6 Chamber shall be equipped with two 35” Cryo pumps with ball screw activated gate valves designed to achieve an ultimate pressure of 2 times ten to the minus seven torr, and to maintain 2 times ten to the minus five torr with a 0.5 TLS inleak.

5.1.2.7 System shall have a capacity for an additional, or third 35” Cryo pump.

5.1.3 Power and Vibration Isolation Requirements.

5.1.3.1 Power requirements: 480 VAC, 600 AMP, 3 Phase

5.1.3.2 Chamber and fittings must be fully isolated from floor while in use.

5.1.4 Internal Chamber Hard Point Requirements for Mounting Experiments.

5.1.4.1 The chamber floor must be equipped with 10 hard points for mounting equipment and experiments.
5.1.4.2 Each hard point should be capable of supporting a 2000 pound load.

5.1.4.3 Each hard point is a 6" x 6" x 1" plate with four tapped holes.

5.1.4.4 The chamber ceiling needs to be equipped with 10 hard points.

5.1.4.5 Each hard point will be directly above an identical floor hard point.

5.1.4.6 Ceiling hard points must be identical in design, construction and hole placement as the floor hard points.

5.1.4.7 Each ceiling hard point must be capable of suspending a 2,000 – pound load.

5.1.4.8 Maximum combined design load for all vertical hard points shall be 4,000 pounds.

5.1.5 Shroud Connections and Support Requirements.

5.1.5.1 The shroud and chamber must allow for removal of the shroud after installation.

5.1.5.2 All shroud inlet and outlet connections must be metal sealed CF (ConFlat) flanges located in annular space between the shroud and chamber shell.

5.1.5.3 Cut outs in the shrouds shall be provided with a removable cover to allow access to the port connections.

5.1.6 Chamber Door GN2 Requirements.

5.1.6.1 The chamber door should be locked by no less than three pneumatic GN2 door latch cylinders, to seat and compress the door O-ring after the chamber door is closed.

5.1.6.2 Latch cylinders should have a 6" bore and a 12" stroke operated with 100 psig GN2.

5.1.6.3 The cylinders should mount on the door flange above the door.

5.1.6.4 They shall be actuated from a locale panel located in the clean room.

5.1.6.5 They are to be provided with a control panel mounted light to indicate when they are disengaged.

5.1.7 Chamber Door Opening System Requirements.

5.1.7.1 The chamber shall be provided with a full opening door that will swing open 110 degrees.

5.1.7.2 Vacuum jacketed flex hoses will be used for the LN2/GN2 lines for the door shroud to the door.
5.1.7.3 The door is to be opened or closed without having to detach the LN2/GN2 lines.

5.1.7.4 A control panel mounted light indicates if the door is in the open or closed position.

5.1.7.5 The main door shall be opened and closed manually using one or two personnel.

5.1.7.6 The door shall have sealed bearings for the hinges to minimize clean room contamination.

5.1.7.7 The door is to be supported by a wheel that rides on a floor mounted rail.

5.1.7.8 A manually operated screw jack attached to the door and wheel can lift the wheel once closed to aid in vibration isolation.

5.2 Vendor to provide a detailed list of all components included with the thermal vacuum system purchase.

5.2.1 Provide technical specifications, written documentation, and photographs of vacuum system and components with your bid.

5.2.2 Describe the current physical condition of vacuum system and components.

5.2.3 Provide a detailed list of all vacuum system components included with purchase.

5.2.4 Indicate the physical location for primary system and all support components.

5.2.5 The University reserves the right to perform an on-site inspection of equipment prior to determining an award.

5.3 Packaging and Shipping.

5.3.1 Vendor must clearly define who is responsible for packaging, rigging and loading of transport vehicles. Provide details on packaging and shipping if vacuum chamber and related hardware are located at different physical locations. Vendors bid must specify and include detailed costs for Option A, Option B, Option C or Option D. Vendors may provide costs for multiple options. The UASO reserves the right to determine final selection of Option.

5.3.1.1 Option A. Vendor to provide packaging, rigging, loading and transport for vacuum chamber and all related hardware to be delivered to UASO final destination. (Reference Section 5.4)

5.3.1.2 Option B. Vendor to provide packaging, loading and transport for partial hardware/equipment located at specific location(s). Vendor must clearly define hardware, locations, and identify costs. (Reference Section 5.4)

5.3.1.3 Option C. UASO to be responsible for packaging, rigging, loading, and transport of vacuum chamber to final destination. UASO will send trucks to
a single location to be specified by Vendor to pick up all vacuum related hardware.

5.3.1.4 **Option D.** Other – Vendor to provide written details of services and all related costs. (Reference Section 5.4)

5.3.2 Provide equipment pick up address location and point of contact for all physical locations. Include the name, phone number and email contact for all locations.

5.3.3 Provide a written description for how the vacuum chamber and components will be packaged for transport.

5.3.4 Vendor to provide a breakdown of costs for packaging and shipping with bid.

5.4 **Shipping Requirements.**

5.4.1 Provide cranes with operators, qualified riggers and technicians to load major components for transport.

5.4.2 For oversize loads, the Vendor will coordinate and have on site all cranes and equipment required at any load transfer sites along the route.

5.4.3 The vendor will be responsible for loading and securing the loads in accordance with good commercial practice. To provide cribbing, securing materials and tarps for loads.

5.4.4 The vendor shall provide photographs and/or written description of rigging used to load and secure equipment on transport, to enable UASO to safely off-load at final destination.

5.4.5 The vendor shall be responsible for all freight including oversize shipping costs, services and all State and Federal regulations. To include route surveys, State permits, escort services, trans-loading (if needed) and all State and Federal transport regulations.

5.4.6 Vendor to provide cost breakdowns for packaging and shipping with bid.

5.4.7 Off-loading to be responsibility of UASO at final destination.

5.4.8 UASO representatives reserve the right to inspect the load prior to off-loading.

5.5 **Delivery Schedule.** The desired delivery schedule is July 15, 2020. Vendors are to include parameters for amount of time required (weeks/months) for preparation of all equipment for transport. Vendor to provide a delivery schedule with your bid.

5.6 **F.O.B.** is The University of Arizona, 9070 S. Rita Road, Tucson, Arizona 85757.

5.7 **Use of Subcontractors.** Vendor must provide list of Subcontractors that will be included in this project. Include description of work to be performed, Business Name, Contact Name with phone number and an email address. All subcontractors who work on this project will be required to complete FAR Clean Air & Water forms and address Terms and Conditions for Breach of Contract to include: missed deadlines, inadequate product conformance and address sanctions and penalties.
5.8 **Warranty Terms and Conditions.** Provide details for warranty terms and conditions, if any.

5.9 **References.** Vendor to provide three (3) customer references, from comparable institutions for similar products or services specified in this RFP, including the names and telephone numbers of the contact persons.

5.10 **Detailed Pricing.** *(Please return this sheet with your bid response)*

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5.11 **Method of Payment & Discount for Early Payment.** The University’s preferred method of payment is via credit card. The University would issue a Purchase Order and upon receipt of goods or services, pay subsequent invoices by credit card.

Will you accept payment via credit card? Yes _____ No _____

Do you offer an early payment discount? Yes _____ No _____
If yes, what is your offer? _____ % if paid within _____ days after the University receives a proper, accurate and uncontested Invoice for Payment.

If payment via credit card is accepted and an early payment discount is offered, would the University receive the discount if paying by credit card? Yes _____ No _____

5.12 **Payment Terms.** ________________
6.0 CERTIFICATIONS AND FORMS (Vendor to complete and return with Bid)

6.1 Certification of Bid

6.2 Legal Workers Certification (Required for all Contracts for: Services; Construction or Maintenance of Structure, Building or Transportation Facility; or Improvements to Real Property costing $100K and over)

6.3 Certification Regarding Debarment, Suspension, Proposed Debarment and other Responsibility Matters (Mar 1996 as amended) (Applicable to Federal Contracts and Grants >$30k)

6.4 Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions (Apr 1991 as amended) (Applicable to Federal Grants and Contracts >$150k)

6.5 Clean Air and Water
6.1 Certification of Bid (vendor to complete and return with Bid)

**Explanation.** This certification attests to the vendor’s awareness and agreement to the content of this RFB and all accompanying provisions contained herein.

**Action.** Vendor is to ensure that the following certificate is duly completed and correctly executed by an authorized officer of your company.

This Bid is submitted in response to Request for Bids # S112002 issued by the University of Arizona. The undersigned, as a duly authorized officer, hereby certifies that _________________________ (Vendor Name), located at __________________________________________________ (address), agrees to be bound by the content of this Bid and agrees to comply with the terms, conditions and provisions of the referenced Request for Bids (RFB) and any addenda thereto in the event of an award. Exceptions are to be noted as stated in the RFB. The Bid shall remain in effect for a period of ninety- (90) calendar days as of the Due Date for responses to the RFB.

The undersigned certifies that to the best of his/her knowledge: (check one)

- There is no officer or employee of the University of Arizona who has, or whose relative has, a substantial interest in any Contract award subsequent to this Bid.
- The names of any and all public officers or employees of the University of Arizona who have, or who’s relative has, a substantial interest in any Contract award subsequent to this Bid are identified by name as part of this submittal.

In accordance with Purchasing Policy 4.3 – Small Business Utilization Program, the undersigned further certifies that their firm (check one) ☐ IS or ☐ IS NOT currently debarred, suspended, or proposed for debarment by any federal entity. The undersigned agrees to notify the University of any change in this status, should one occur, until such time as an award has been made under this procurement action.

The Undersigned further certifies that your business (check the appropriate areas) ☐ does or ☐ does not meet the Federal (S.B.A.) Small Business definition (FAR 19.001) and size standards (FAR 19.102). If it does, please “CHECK” one of the following: ☐ Small Business ☐ Small Disadvantaged Small Business Women-Owned ☐ Women-Owned Disadvantaged ☐ Veteran owned ☐ HUB Zone Disabled Veteran Owned ☐ Alaska Native Corp. ☐ Historically Black Colleges and Universities and Minority Institutions.

Arizona Small Business (has less than 100 fulltime employees, including employees employed in any subsidiary or affiliated corporation) please “CHECK one of the following: ☐ AZ. Small Business ☐ AZ. Women Owned ☐ AZ Disadvantaged ☐ AZ Disadvantaged Women-owned.

The undersigned further certifies that as a duly authorized officer, is authorized to negotiate in good faith on behalf of this firm for purposes of this Request for Bids.

Name: ________________________________ Title: ________________________________

Signature: ___________________________ Date: ________ Email: ________________

Telephone #: ______________ Facsimile #: ______________ F.E.I.N: ________________
6.2 LEGAL WORKER CERTIFICATION

Required for all Contracts for: Services; Construction or Maintenance of any Structure, Building or Transportation Facility; or Improvements to Real Property costing $100K and over.

Date: ______________________

Procurement and Contracting Services
University of Arizona
PO Box 210300Tucson, AZ 85721-0300

As required by Arizona Revised Statutes §41-4401 the University is prohibited after September 30, 2008 from awarding a contract to any contractor who fails, or whose subcontractors fail, to comply with Arizona Revised Statutes § 23-214-A. The undersigned entity warrants that it complies fully with all federal immigration laws and regulations that relate to its employees, that it shall verify, through the employment verification pilot program as jointly administered by the U.S. Department of Homeland Security and the Social Security Administration or any of its successor programs, the employment eligibility of each employee hired after December 31, 2007, and that it shall require its subcontractors to provide the same warranties to the below entity.

The undersigned acknowledges that a breach of this warranty by the below entity or by any subcontractor(s) under any Contract resulting from this solicitation shall be deemed a material breach of the Contract and is grounds for penalties, including termination of the Contract by the University. The University retains the right to inspect the records of the below entity, subcontractor(s) and employee(s) who perform work under the Contract, and to conduct random verification of the employment records of the below entity and any subcontractor(s) who perform work under the Contract, to ensure that the below entity and each subcontractor is complying with the warranties set forth above. Contractor shall be responsible for all costs associated with compliance with such programs.

__________________________________________________________
(Firm) (Address)

__________________________________________________________
(Signature Required) (Phone)

__________________________________________________________
(Print Name) (Fax)

__________________________________________________________
(Print Title) (Federal Taxpayer ID Number)

(November 3, 2009)
In accordance with FAR 52.209.5, complete the following certification regarding debarment suspension, proposed debarment and other responsibility matters and **return the completed certification with your solicitation response.** (Applicable to Federal Contracts and Grants >$30k)

(a) Certification Regarding Debarment Suspension, Proposed Debarment, and Other Responsibility Matters (Mar 1996 as amended)

1. The Offeror certifies, to the best of its knowledge and belief, that
   a. The Offeror and/or any of its Principals
      (A) Are □ Are Not □ presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency,
      (B) Have □ Have Not □, within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, state, or local) contract or subcontract, violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, or receiving stolen property; and
      (C) Are □ Are Not □ presently indicted for, or otherwise criminally or civilly charged by a governmental entity with, commission of any of the offenses enumerated in subdivision (a)(1)(i)(B) of this provision.
   b. The Offeror Has □ Has Not □, within a three-year period preceding this offer, had one or more contracts terminated for default by any Federal agency.

2. “Principals”, for the purposes of this certification, means officers; directors, owners, partners; and, persons having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a subsidiary, division, or business segment and similar positions). This Certification Concerns a Matter Within the Jurisdiction of an Agency of the United States and the Making of a False, Fictitious, or Fraudulent Certification May Render the Maker Subject to Prosecution Under Section 1001, Title 18, United States Code.

(b) The Offeror shall provide immediate written notice to the Contracting Officer if, at any time prior to contract award, the Offeror learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

(c) A certification that any of the items in paragraph (a) of this provision exists will not necessarily result in withholding of an award under this solicitation. However, the certification will be considered in connection with a determination of the Offeror’s responsibility. Failure of the Offeror to furnish a certification or provide such additional information as requested by the Contracting Officer may render the Offeror nonresponsible.

(d) Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by paragraph (a) of this provision. The knowledge and information of an Offeror is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

(e) The certification in paragraph (a) of this provision is a material representation of fact upon which reliance was placed when making award. If it is later determined that the Offeror knowingly rendered an erroneous certification, in addition to other remedies available to the Government the Contracting Officer may terminate the contract resulting from this solicitation for default. (End of Provision)

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(NAME OF FIRM)

(ADDRESS, CITY, STATE, ZIP)

(SIGNATURE) (DATE) ~~~~~~ (PRINT OR TYPE - NAME AND TITLE)
6.4 CERTIFICATION AND DISCLOSURE REGARDING PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS (APR 1991)

In accordance with FAR 52.203-11 and FAR 52.203-12 entitled "Limitation on Payments to Influence Certain Federal Transactions (Jun 1997 as amended), the following certification and disclosure regarding these FAR provisions are hereby incorporated and made a part of this bid/proposal solicitation requirement. (Applicable to Federal Grants and Contracts >$150k)

(a) The definitions and prohibitions contained in the clause, at FAR 52.203.12, Limitation on Payments to Influence Certain Federal Transactions, included in this solicitation, are hereby incorporated by reference in paragraph (b) of this certification.

(b) The Offeror, by signing its offer, hereby certifies to the best of his or her knowledge and belief that on or after December 23, 1989

(1) No Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress on his or her behalf in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment or modification of any Federal contract, grant, loan, or cooperative agreement;

(2) If any funds other than Federal appropriated funds (including profit or fee received under a covered Federal transaction) have been paid, or will be paid, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress on his or her behalf in connection with this solicitation, the Offeror shall complete and submit, with its offer, OMB standard form LLL, Disclosure of Lobbying Activities, to the Contracting Officer; and

(3) He or she will include the language of this certification in all subcontract awards at any tier and require that all recipients of subcontract awards in excess of $100,000 shall certify and disclose accordingly

(c) Submission of this certification and disclosure is a prerequisite for making or entering into this contract imposed by section 1352, title 31, United States Code. Any person who makes expenditure prohibited under this provision or who fails to file or amend the disclosure form to be filed or amended by this provision, shall be subject to a civil penalty of not less than $10,000, and not more than $100,000, for each such failure.

(NAME OF FIRM) __________________________________________ (STREET ADDRESS) __________________________________________

(SIGNATURE) __________________________________________ (MAILING ADDRESS) __________________________________________

(TYPED OR PRINTED NAME) __________________________ (CITY, STATE, ZIP) __________________________

(DATE) __________________________
CLEAN AIR AND WATER CERTIFICATION (APR 1984)

In accordance with FAR 52.223-1 and FAR 52.223-2 entitled “Clean Air and Water”, complete the following certification regarding Clean Air and Water and return the completed certification with your solicitation response.

The Offeror certifies that:

(a) Any facility to be used in the performance of this proposed contract is [ ] or is not [ ] listed on the Environmental Protection Agency (EPA) List of Violating Facilities;

(b) The Offeror will immediately notify the Contracting Officer, before award, of the receipt of any communication from the Administrator, or a designee, of the EPA, indicating that any facility that the Offeror proposes to use for the performance of the contract is under consideration to be listed on the EPA List of Violating Facilities; and

(c) The Offeror will include a certification substantially the same as this certification, including this paragraph (c), in every nonexempt subcontract.

(End of Provision)

__________________________________________
(Name of Firm)                                       (Address)

__________________________________________
(City, State, Zip)

__________________________________________
(Signature)                                       (Date)

(Print or Type Name and Title)