



Procurement and Contracting Services

Request for Bids for a Center Pivot Irrigation System

**Please mark all Bid submission
Files with the following information**

**Sealed RFB # S052316
Due on June 30, 2023 no later than 2:00 PM, MST**

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For
REQUEST FOR BIDS NO. S052316

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PROCUREMENT AND CONTRACTING SERVICES REQUEST FOR BIDS, RFB # S052316

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 Center Pivot Irrigation System.
- 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/. For specific demographic information, visit <https://uair.arizona.edu/content/overview>.

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.

06/13/23	Issuance of RFB
06/21/23	Technical Questions/Inquiries due no later than 12:00 PM, MST
06/30/23	RFB is Due no later than 2:00 PM, MST
07/07/23	Complete Evaluations
07/07/23	Award Notification
07/14/23	Receipt of Bonds and Insurance
07/14/23	Implementation

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 Ted Nasser at telephone # 520-621-5449 or email: enasser@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 via email, 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)**:

Attn: Ted Nasser
Telephone No. 520-621-5449
Email Address: enasser@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 June 21, 2023 at 12:00 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 June 21, 2023 at 12:00 PM MST**.
- Inquiries about technical interpretations must be submitted in writing, and be received **no later than June 21, 2023 at 12:00 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](http://pacs.arizona.edu/RFP-BID_Opportunities)

- **Vendors who want the addenda supplied to them in another form must notify Ted Nasser 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 June 21, 2023 at 12:00 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 sections within this RFB. If the vendor responds with an "All-or-None" Bid, it shall be clearly and unambiguously marked as such.

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](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 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 received by the date / time and uploaded to the University's secure box no later than 2:00 PM MST on June 30, 2023.

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 **uploaded** to:

Box Secure Upload:

In response to the current COVID-19 Pandemic, proposal responses will be accepted until the due date and time at:

<https://arizona.app.box.com/f/556cc352861440f6aed1a4f85792cba5>

Please title your response in the upload folder as:

RFB_VendorName_Response

no later than 2:00 PM MST on June 30, 2023. 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 via zoom for purposes of identifying which vendors have responded, if requested. 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 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.

3.8.3 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 file 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 file from the Bid and clearly designated and conspicuously labeled as proprietary, and the University concurs that the information is proprietary. The file 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 file from the Bid and that it is clearly designated and conspicuously labeled as such. The file 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](#) 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, the College of Applied Science and Technology (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/408.0http://policy.arizona.edu/sites/default/files/Tobacco-Free.pdf>. The Successful Vendor is expected to respect this tobacco free policy and fully comply with it.

- 4.16 Export Control.** Each party shall comply with all applicable export control laws and economic sanctions programs. Applicable export control or economic sanctions programs may include U.S. export control laws such as the Export Administration Regulations and the International Traffic in Arms Regulations, and U.S. economic sanctions programs that are or may be maintained by the U.S. Government. The parties will comply with U.S. export control and U.S. economic sanctions laws with respect to the export (including a deemed export) or re-export of U.S. origin goods, software, services and/or technical data, or the direct product thereof.
- 4.17 Safety Standards.** To the extent applicable to the services to be performed under this Agreement, Contractor represents and warrants that all articles and services furnished under this Agreement meet or exceed the safety standards established and promulgated under the Federal Occupational Safety and Health Law (Public Law 91-596) and its regulations, in effect or proposed as the date of this Agreement, which shall include the following guidance provided by OSHA, available at the following link <https://www.osha.gov/coronavirus/safework>. In addition, Contractor, Contractor employees, and/or subcontractors who will be performing work in University of Arizona locations, indoor or outdoor, must review and abide by the mask requirements listed at: <https://covid19.arizona.edu/reentry-plan/return-workspaces/face-coverings>.
- 4.18 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.
- 4.19 Arbitration.** The parties agree to arbitrate disputes filed in Arizona Superior Court that are subject to mandatory arbitration pursuant to ARS § 12-133.
- 4.20 Travel.** If authorized as part of any resulting contract, all reimbursable travel expenses must be authorized in writing by the University in advance of the planned travel and must be consistent with University Financial Policy 9.12 Independent Contractors, <https://policy.fso.arizona.edu/fsm/900/912> items 33-42. Each request for reimbursement shall be itemized and accompanied by copies of original receipts. If applicable, reimbursements for airfare shall be for standard airline coach travel only. If applicable, reimbursement for auto travel and per diem shall be made at the rate permitted for State of Arizona employees. Note that the purchase of alcohol shall not be permitted as a reimbursable expense under this Contract. Vendor will submit all receipts and any required backup documentation to the University within 90 days after the applicable expenses were incurred. The University will not be required to reimburse Vendor for any expenses, invoices, or receipts for expenses received after that time.
- 4.21 No Forced Labor of Ethnic Uyghurs.** To the extent required by A.R.S. § 35-394, Supplier certifies it is not currently, and during the term of this Agreement will not use: 1) the forced labor of ethnic Uyghurs in the People's Republic of China; 2) any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China; or 3) any contractors, subcontractors or suppliers that use the forced labor or any goods or services produced by the forced labor of the ethnic Uyghurs in the People's Republic of China. If Supplier becomes aware during the term of the agreement that it is not in compliance with this written certification, it shall notify the University within five (5) business days of becoming aware of the noncompliance.

- 4.22 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.
- 4.23 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.
- 4.24 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.
- 4.25 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.
- 4.26 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. 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.
- 4.27 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.

Arizona Revised Statute § 35-154 prohibits persons from incurring obligations against the state for which funds have not been appropriated or allocated. Arizona Attorney General's Opinion 67-36-L interprets this statute to prohibit the state and its agencies from agreeing to hold

harmless or indemnify third parties. The University shall be liable for claims, damages or suits arising from the acts, omissions or negligence of its officers, agents and employees.

4.28 Insurance Requirements. Without limiting any liabilities or any other obligations of Successful Vendor, the Successful Vendor shall provide and maintain the minimum insurance coverage listed below unless otherwise agreed to in writing. Coverage shall be provided with forms and insurers acceptable to the University until all obligations under the Agreement are satisfied.

- Commercial General Liability (CGL) insurance with minimum limits of ONE MILLION DOLLARS (\$1,000,000) each occurrence and TWO MILLION DOLLARS (\$2,000,000) general aggregate.
- Commercial Automobile Liability insurance with a minimum combined single limit of ONE MILLION DOLLARS (\$1,000,000) each occurrence.

The insurance policies required in the two statements above shall be endorsed to name the State of Arizona, Arizona Board of Regents on behalf of the University of Arizona as additional insured and shall stipulate that the insurance afforded the Successful Vendor shall be primary insurance and that any insurance carried by the State of Arizona, the Arizona Board of Regents and the University of Arizona, their agents, officials or employees shall be excess and not contributory insurance to that provided by Successful Vendor.

- If applicable, Worker's Compensation insurance in accordance with applicable Arizona Statutes, for any employees engaged in the performance of Agreement; and
- Employer's Liability insurance with a minimum limit of FIVE HUNDRED THOUSAND DOLLARS (\$500,000).

A certificate of insurance acceptable to the University shall be furnished to the University prior to the commencement of Agreement as evidence that policies providing the required coverage, conditions and limits are in full force and effect.

4.29 Intellectual Property. It is understood and agreed that ownership of intellectual property developed as a result of fulfilling the requirements of this Request for Bids belongs solely and exclusively to the Arizona Board of Regents on behalf of the University of Arizona. Documents/drawings used in this Bid belong to the Arizona Board of Regents on behalf of the University of Arizona and/or are being used with permission. Intellectual property as used herein, means all forms of legally protectable intellectual property, including copyrights, trademarks, inventions, patent applications, patents and mask works, drawings and/or blueprints. It is also understood and agreed that anything created as a result of an award of this Bid is considered a work for hire under the U.S. copyright laws and as such, the Arizona Board of Regents on behalf of the University of Arizona will own the copyright.

4.30 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.

4.31 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.

4.32 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.

- 4.33 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
- 4.34 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.
- 4.35 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.
- 4.36 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 Cause. The resulting agreement may be terminated by either party for cause in the event of breach by the other party of a material obligation under the Agreement which is not remedied within thirty (30) days after written notice.

4.44.3 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 and/or 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.

4.44.4 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.

4.44.5 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.

4.44.6 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.

4.44.7 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.

4.44.8 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 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.

4.49 COVID-19 Safety Protocols. The successful vendor must comply with FAR 52.223-99.

5.0 SCOPE OF WORK, SPECIFICATIONS, TECHNICAL REQUIREMENTS

The primary objective of this project is to conduct a comprehensive irrigation experiment aimed at evaluating and analyzing the influence of various irrigation systems on the growth and yield of multiple crops. Specifically, the study will focus on alfalfa, which is a widely cultivated forage crop, as well as cool-season crops like wheat and lettuce, and hot-season crops such as field corn, cantaloupe, or watermelon.

To achieve this objective, a range of irrigation systems will be carefully examined and compared. These systems include center pivot, flood, pressurized drip, gravity drip, and potentially water gun. Each irrigation method will be installed and monitored throughout the experiment to assess its effectiveness and impact on crop growth and productivity. This Request for Bids is for a center pivot system that not only meets the basic requirements but also offers comprehensive variable rate capabilities at each hose. We expect the system to have the ability to precisely control and adjust the application rates of inputs, such as water, fertilizers, or chemicals, at different points along the pivot. The specifications for the center pivot are in the attached document (PIVOT SPECS).

We will showcase the center pivot prominently during field days, granting companies an exceptional opportunity to exhibit their products to a broad audience. Furthermore, the pivot will serve as a valuable tool for conducting experiments, enabling the university and companies to gather crucial data and demonstrate their product's effectiveness directly to growers. To augment visibility and credibility, we will publish the data derived from these field displays in extension publications. Additionally, we will organize workshops where manufacturers can engage in face-to-face discussions with growers, fostering understanding, building trust, and ultimately enhancing the system's durability through shared knowledge. Our promotional efforts will emphasize the significance of system automation and variable rate technology, highlighting the cutting-edge and efficient solutions offered by these advancements. In conclusion, by prioritizing these factors with professionalism, we expect to see a boost in visibility, increased involvement with growers, and the effortless incorporation of cutting-edge technologies.

The experiment will be conducted in a designated field (F2) located at the prestigious University of Arizona Maricopa Agricultural Center, in Maricopa, Arizona. The chosen location provides an ideal setting for the study due to its suitability for diverse crop cultivation and access to necessary resources.

In terms of logistics, the center pivot irrigation system will serve as a focal point in the experiment. The pivot point is positioned approximately 500-600 feet away from the power source. Moreover, the water source used for this experiment is an underground (6-8 ft deep) water reservoir, called the receiving reservoir, fed from a well and a bigger above ground reservoir, called gravity reservoir. This water reservoir is located at the edge of the center pivot, facilitating easy access and precise water management during the experiment.

By conducting this irrigation experiment, the research team aims to contribute valuable insights into optimizing irrigation practices and improving crop productivity, while also promoting sustainable water management strategies within the agricultural sector.

5.1 Furnish and Install. The items specified in this solicitation will be provided on a furnished and installed basis. The Successful Vendor shall have the complete responsibility for the items or system until it is in place and working. Any special installation preparation and requirements must be submitted to the University. All transportation and coordination arrangements will be the responsibility of the Successful Vendor. Delivery of equipment will be coordinated so that items or system will be delivered directly to the installation site. This effort will minimize risk of damage and avoid double handling.

5.2 Detailed Pricing.

Total Cost to provide the Center Pivot irrigation System \$_____

Please provide a detailed quote that shows all of the pricing elements.

5.3 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 _____

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

6.0 CERTIFICATIONS AND FORMS (Vendor to complete and return with Bid)

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 #**S052316** 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 210300
Tucson, 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)

6.3 CERTIFICATION REGARDING DEBARMENT SUSPENSION, PROPOSED DEBARMENT AND OTHER RESPONSIBILITY MATTERS (MAR 1996)

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
 - (i) 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.
 - (ii) 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)

(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 as amended)

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)