

REQUEST FOR BID - N94469C

FOR

**ASSOCIATION OF UNIVERSITIES FOR RESEARCH IN
ASTRONOMY
(AURA)**

**Operating the
National Optical Astronomy Observatory
Tucson, Arizona**

“DECONSTRUCTION/DEMOLITION OF SOLIS TOWER”

BIDS MUST BE RECEIVED BY

Friday, October, 19, 2018, 3:00 p.m. MST

Prepared by:

AURA/CAS
Procurement Office
950 N. Cherry Avenue
P. O. Box 26732
Tucson, AZ 85726-6732

10 September, 2018

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The following items are found on the **AURA/NOAO Bid Opportunities webpage**:

- **SAMPLE FIXED PRICE, CONSTRUCTION SERVICES CONTRACT**
- **BLUE PRINTS**

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SECTION I.

INSTRUCTIONS TO BIDDERS

ARTICLE 1. DEFINITIONS

1.1 All terms and conditions set forth in the Fixed Price Construction Contract template and attachments will be applicable to the final bid.

1.2 Bidding documents include: Request to Bid, Instructions to Bidders, proposed Construction Contract, and Scope of Work/Technical Specifications with support documentation, any amendments issued prior to receipt of bids and Vendor's Bid Form.

1.3 Any amendments as issued prior to bid award will become part of the documents when the Fixed Price Construction Contract is issued.

1.4 The "Vendor Contract Documents" will consist of the following: Request for Bid, Instructions to Bidders, Vendor's Bid, the written Construction Contract between AURA, and the Vendor, the Scope of Work/Technical Specifications with the support documentation, and all amendments and/or modifications incorporated into the documents before their execution.

1.5 The Association of Universities for Research in Astronomy, Inc. is an Arizona non-profit corporation, hereinafter referred to as AURA. The term "AURA" includes its authorized representatives. AURA manages and/or operates astronomy "Centers" under cooperative agreements with the National Science Foundation. One such "Center" is the National Optical Astronomy Observatory ("NOAO").

1.6 The National Optical Astronomy Observatory (hereinafter "NOAO") has main facilities located at 950 North Cherry Ave., Tucson, AZ 85719.

1.7 The National Science Foundation, hereinafter referred to as the "NSF", is an agency of the United States of America created under the National Science Foundation Act of 1950. The term "NSF" includes its authorized representatives.

1.8 The "Bidder" is the person or organization who/that submits a Bid in accordance with these Bid Instructions and Procedures and proposes to perform the work described in the Statement of Work and/or specifications, and who/that proposes to perform the work described in the Fixed Price Construction Contract. The term "Bidder" may be used in lieu of the term "Contractor" or "Vendor" throughout these Bid documents.

1.9 The term "Subcontractor" means a person or organization, who/that has a direct agreement with the Vendor to furnish labor, or labor and materials, at the site of the work. The term also includes lower tier Contractors of a Subcontractor, but it does not include suppliers who/that furnish materials not worked to a special design according to the drawings and specifications. Nothing contained in the Fixed Price Construction Contract Documents shall be deemed or construed to create any contractual relationship between AURA and any Subcontractor as defined above.

ARTICLE 2. DESCRIPTION OF PROJECT

AURA/NOAO is releasing a Request for Bid (RFB) for a project to deconstruct/demolish the SOLIS Tower on Kitt Peak.

ARTICLE 3. BIDDING PROCEDURES

- 3.1 Bids shall be prepared on the forms provided in Section VI and include the following:
- a. **Completed “Contractor’s Bid for Construction Contract”:** Bidder must complete in its entirety the contractor bid form labeled, “Section VI, Contractor’s Bid Documents, A. Contractor’s Bid for Construction Contract which will set forth Contractor’s bid on the project.
 - b. **Completed “Qualification Package”:** Bidder shall fully complete the “Qualification Package” forms which follow Section VI titled, “Contractor’s Bid Documents.” It is very important that Bidder complete in detail the references form included in the Qualification Package. Bidder may include a more detailed written description of the references provided and the work performed for each referenced firm highlighting significant accomplishments, if desired.
 - c. **License Numbers and Resolution.** The Bidder shall submit with its Bid, the Vendor’s License number(s) applicable to the work to be performed, and a copy of a corporate or LLC resolution certified either by the Secretary of the Corporation or by a Member of the LLC that the resolution passed at a meeting of the board of directors of the corporation or by the members of the LLC, validly called, at which a quorum of board members or LLC members were present, indicating who within the Bidder’s organization has legal authority to bind the organization on a contract. The Bidder shall include the information for their organization’s registrations with the Arizona Board of Technical Registration.
- 3.2
- a. Prices quoted in the Bid(s) are to INCLUDE all applicable federal, state and local taxes.
 - b. Prices are to include the cost of all transportation, materials, equipment, tools, supplies, labor and services necessary or proper for the performance and completion of the work, except such as may be otherwise expressly provided for in the Bid documents.
- 3.3 In the event of a discrepancy between the prices quoted in the Bid in words and those quoted in figures, the words shall control.
- 3.4 Submission of the Bid. Subject to the following procedures and requirements, Bids may be submitted electronically or via delivery of a hard copy of the Bid Documents to AURA.
- a. **Electronic Submission.** Bidder shall submit the documents described in Article 3.1 above electronically, in PDF format. **The date/time signature-marked no later than the due date and time for receipt of bids for this RFB.** The failure to timely submit these documents to AURA in accordance with these rules shall result in the elimination of Bidder’s Bid from consideration.

b. In case of technical difficulties, a hand delivered copy may be sent to the following address:

AURA
950 N. Cherry Avenue
Tucson, AZ 85719
Attention: Sherri Abney

3.5 No other forms of submission of Bids will be considered. No other forms of submission for modifications to Bids will be considered. Modifications to Bids submitted may be made electronically or via the delivery of a hard-copy of the modified Bid Documents, if the modified Bid Documents are delivered to AURA in accordance with the rules set forth in 3.4 above on or before the 3:00 o'clock P.M. Mountain Standard Time on the Bid due date.

3.6 A Bidder may withdraw its Bid(s), either personally or by written request, at any time prior to the scheduled closing time for receipt of Bids.

3.7 A person, firm or organization who/that has submitted a sub-Bid to a Bidder, or who has quoted on materials to a Bidder, is not disqualified from submitting a sub-Bid or quoting to other Bidders.

3.8 Unless otherwise provided for in any addendum to these Bid Instructions, no Bidder may withdraw, modify or cancel its Bid(s) for a period of one hundred twenty (120) days after the time designated for receipt of Bids.

ARTICLE 4 COMMUNICATION AND QUESTIONS

Any questions or requests for clarification of this proposal should be directed to:

Sherri Abney, Contracts Administrator
Association of Universities for Research in Astronomy, Inc.
950 N. Cherry Avenue
Tucson, AZ 85719
Ph: 520-318-8103
Fax: 520-318-8456
Email: sabney@aura-astronomy.org

Clarification or direction by other persons at AURA is not permitted during the RFB process.

General or procedural questions can be addressed by telephone. Technical or scientific questions must be submitted by facsimile or email, and must be received at least three (3) business days before the due date for the proposals. All questions and responses will be provided to all parties present at the site visits.

ARTICLE 5. EXAMINATION OF DOCUMENTS

5.1 AURA reserves the right to make additions, deletions, or modifications to the Bid documents in writing by amendment at any time prior to the closing date. If, in the opinion of the Contracts Officer (hereinafter CO), any such change causes an increase in the time required for

submission of Bids, the CO may, at her sole discretion, adjust the closing date and time accordingly.

5.2 The Bidder shall examine the Bid documents carefully and, not later than three (3) days prior to the date for receipt of Bids, make a request for interpretation or correction of any ambiguity, inconsistency, or error which it may discover. All requests shall be made in writing, including postal services, next day services and via email, addressed to the AURA CO.

5.3 All interpretations and corrections shall be issued in writing by the AURA CO in the form of an Amendment. The Bidder shall not rely on any interpretation or correction given by any other method.

5.4 Prior to receipt of Bids, addenda, if required, will be mailed to each Bidder who has requested and/or has been sent the Bid documents.

5.5 The failure of any Bidder to receive or examine any form, instrument, amendment or other document, or failure to acquaint itself with existing conditions shall not relieve the Bidder from obligations and responsibilities with respect to its Bid or to the Fixed Price Construction Contract. The submission of a Bid shall be taken as prima facie evidence of compliance with this section.

ARTICLE 6. REPRESENTATIONS

6.1 Each Bidder **MUST attend** one mandatory pre-bid/site visit meeting that is scheduled and visit the site of work prior to submitting a bid. Information about the location, date and time of the mandatory pre-bid/site visit meeting is set forth Section II of this RFB.

6.2 By submitting a Bid, each Bidder represents that it is familiar with existing conditions under which the work will be performed.

6.3 a. The Bidder, by submitting its Bid, represents that it has read and understands the Bid documents, and by submitting a Bid acknowledges acceptance of all of the Terms and Conditions of the Bid Documents as defined in 1.2 of these Bid Instructions.

b. Any exceptions to the Construction Contract Documents shall be stated on the Vendor's Letterhead, if available, and submitted with its Bid. Exceptions shall be stated clearly and concisely. If the Bidder has exceptions, alternative wording shall be provided for consideration by Bidder to the AURA CO.

c. The Bidder, by submitting a Bid, certifies that the Construction Contract Documents, have been reviewed and accepted by the Bidder, or that the Bidder has noted its exceptions to the Construction Contract Bid Documents with its Bid.

6.4 The Bidder shall submit with its Bid, the Bidder's License number(s), if applicable to the work to be performed, and a resolution indicating who within the Bidder's organization has authority to bind the organization.

ARTICLE 7. SUBSTITUTIONS

7.1 Each Bidder represents that its Bid is based upon the specifications, materials and equipment described in the Bid documents, unless substitutions have been permitted in advance.

7.2 All Bids containing substitutions shall be accompanied by full and complete technical specifications for approval purposes. The AURA Technical Representative may request such other information as may be required for approval either before or after receipt of bids.

ARTICLE 8. COMPLETION TIME

The Bidder shall specify in its Bid the number of calendar days required to complete the work described. All costs included in the Bid shall be for the work to be completed within that period.

ARTICLE 9. TRIBAL REGULATIONS

9.1 The Observatory is located within the boundaries of the Tohono O’odham Nation. To the extent applicable, all Bidders shall comply with Ordinance No. 01-85, “TERO Ordinance” and the implementing regulations issued by the Tohono O’odham Employment Rights Commission, as well as any other applicable tribal laws or regulations. A copy of the Ordinance No. 01-85 may be found on our website <http://auracas.aura-astronomy.org/?q=bids> or at <http://www.tonation-nsn.gov/department-public-safety/tero/>.

9.2 All entities, contractors or subcontractors that intend to engage in business activity on the Tohono O’odham Nation must submit for approval to the Tribal Employment Rights Office a contracting, subcontracting, employment and training plan prior to the commencement of work on the Tohono O’odham Nation. A copy of the TERO Compliance Agreement Plan is posted on our website <http://auracas.aura-astronomy.org/?q=bids> and also can be obtained by clicking on “Compliance” at the following Website www.tonation-nsn.gov/department-public-safety/tero/. Under Ordinance No. 01-85 and its implementing regulations, no new employer may commence work on the Tohono O’odham Nation until it has met with TERO and developed an acceptable plan for meeting its obligations under Ordinance 01-85. The primary contractor/employer is responsible for the TERO compliance of its subcontractors or suppliers.

9.3 The successful bidder is required to contact Tribal Employment Rights Office (“TERO”) of the Tohono O’odham Nation, at the number indicated below, to obtain a copy of the Ordinance.

Director
Tribal Employment Rights Office
Tohono O'odham Nation
P. O. Box 40
Sells, AZ 85634
(520) 383-3304 or (520) 547-8160
FAX (520) 383-2781
www.tonation-nsn.gov/department-public-safety/tero/

9.4. The Tohono O’odham Nation charges an employment rights fee to raise money for the Tohono O’odham Employment Rights Commission. The current Employment Rights Fee required to be paid by a “covered employer” is a one time fee of ½ of 1% of the total value of any

construction contract to be performed on the Reservation having a value of \$100,000 or more, see Section 1110 (A) of the TERO Ordinance. The payment of this fee is administered by the TERO office. See www.tonation-nsn.gov/department-public-safety/tero/ , click [Contractor Information](#).

9.5 The successful Bidder may also be subject to Ordinance No. 03-81, "Transaction Privilege Taxes."

See <http://www.tonation-nsn.gov/tax-information/>

9.6. Questions regarding any applicable tribal taxes should be directed to the Tohono O'odham Office of Treasurer in Sells at 520-383-1800.

9.7 Questions regarding hauling permits should be directed to the Tohono O'odham Solid Waste Regulatory Office in Sells at 520-383-8680.

ARTICLE 10. BID GUARANTEE; PERFORMANCE AND PAYMENT BONDS

A Bid Guaranty and Performance and Payment Bonds are required for contracts involving construction or facility improvements exceeding \$100,000.00. If Bidder's Bid exceeds \$100,000.00 the following shall be applicable:

10.1 Bidder shall provide a bid guarantee equivalent to five (5%) percent of the bid price ("Bid Guarantee"). The Bid Guarantee shall consist of a firm commitment such as a bid bond, certified check or other negotiable instrument which shall accompany Contractor's Bid as assurance that Contractor shall upon acceptance of its Bid execute such contractual documents as may be required within the time specified.

10.2 Bidder shall provide a performance bond in the full amount of the Contractor's Bid Price, guaranteeing the performance of the terms of the Fixed Price Construction Contract for the stipulated price within the time specified for completion ("Performance Bond").

10.3 Bidder shall provide a payment bond in the full amount of the Contractor's Bid Price assuring payment as required by statute of all persons supplying labor and materials in the execution of the work provided for in the Fixed Price Construction Agreement ("Payment Bond").

10.4 Bonds shall be obtained from companies holding certificates of authority as acceptable sureties pursuant to 31 CFR, part 223, "Surety Companies Doing Business with the United States."

10.5 Bidder shall include the original bid guarantee, the original performance bond and the original payment bond with its "Contractor's Bid Documents" submitted to AURA.

ARTICLE 11. EVALUATION OF BIDS

11.1 Bids will be opened and evaluated privately after the deadline for receipt of Bids.

11.2 Bids will be evaluated based on the following factors:

- Cost to AURA
- Ability to meet technical specifications and scope of work
- Warranties provided by Contractor

- Contractor's qualifications and references
- Ability and history of successful completion of contracts of this type, meeting projected schedules, and overall experience performing similar work
- Material Vendors or Sub-Contractors used
- Exceptions to terms set forth in Vendor Agreement provided by Bidder

11.3 All bidding documents received are considered confidential and will not be released.

11.4 The award of the Fixed Price Construction Contract for the work described in the Scope of Work/Technical Specifications, if made by AURA, will be made to the responsible and qualified bidder. However, AURA shall determine, in its own discretion, which Bid best meets the requirements and qualifications of the Scope of Work/Technical Specifications and Construction Contract and whether it is in the best interests of AURA to accept the Bid. Therefore, Bidder should ensure that all information requested is included in its Bid.

ARTICLE 12. TIME PERIOD FOR EVALUATION OF BIDS; REJECTION OF BIDS; IRREGULARITIES

12.1 AURA reserves the right to hold any or all Bids for a period of up to one hundred twenty (120) calendar days.

12.2 AURA shall have the right to take up to one hundred twenty (120) calendar days to evaluate the Bids submitted and to make a decision.

12.3 AURA reserves the right to accept or reject any or all Bids or any combination thereof, to withhold an award for any reason it may determine, or to waive any irregularities or informalities in the Bids or in the submission of Bids.

ARTICLE 13. FORM OF AGREEMENT

The form of agreement that will be used shall be a "Fixed Price Construction Agreement." A template of the above mentioned contract and the terms and conditions incorporated by reference into said agreement may be found at AURA/NOAO Bid Opportunities webpage: <http://auracas.aura-astronomy.org/?q=node/103>. The final form of agreement presented to the Contractor selected to perform the work may vary from the template format attached hereto, depending on the Bid documents submitted by Contractor and other facts and circumstances deemed relevant by AURA.

ARTICLE 14. LAW

The laws of the state of Arizona shall govern the interpretation of these Bid Documents and the interpretation of the Fixed Price Construction Contract.

ARTICLE 15. DAVIS-BACON WAGE RATES

15.1 Bidders shall note that procurements of over \$2,000.00 for construction, alteration or repair are subject to the Davis-Bacon Act (40 U.S.C. 276a-276a-7), and that laborers or mechanics

must be paid in accordance with the Wage Rates set forth in the current wage rate decision for building construction projects performed in Pima County, Arizona. A copy of the current wage rates for building construction in Pima County, Arizona is attached and appears in Section VII A. Further, Davis Bacon also requires that companies that employ laborers and mechanics in building construction projects pay their mechanics and laborers at least weekly. Each Bidder, by submitting a Bid, certifies that: (i) it accepts the Davis Bacon wage rate set forth in Section VII A and will pay its mechanics and laborers the then current Davis Bacon wage rate for building construction in Pima County, Arizona, if selected to perform the work covered by this RFB; and (ii) it will pay its mechanics and laborers at least weekly.

15.2 The Davis-Bacon Act and Wage Determination material is found at:
<http://www.gpo.gov/davisbacon/> and <http://www.wdol.gov/>.

ARTICLE 16. CONTRACTING WITH SMALL BUSINESSES, MINORITY-OWNED FIRMS AND WOMEN’S BUSINESS ENTERPRISES

AURA encourages small businesses, minority owned firms and women’s business enterprises to bid on AURA jobs that they are qualified to bid on. Contractors seeking to bid on “Kitt Peak National Observatory – SOLIS Tower Demolition” project are encouraged to utilize, as much as possible, small businesses, minority owned firms and women’s business enterprises as subcontractors.

ARTICLE 17. AURA/NOAO BID OPPORTUNITIES WEB PAGE DISPLAYING BID OPPORTUNITIES; DUTY OF BIDDER TO CHECK WEB PAGE; PARTICIPATION IN PRE-BID MEETING AND PUBLICATION OF NAMES OF ATTENDEES WHO ATTENDED PRE-BID MEETINGS ON AURA/CAS BID OPPORTUNITIES WEB PAGE

AURA has established a Web page to display AURA bid opportunities. The link to the webpage is:
<http://auracas.aura-astronomy.org/?q=node/103>

The AURA/CAS Bid Opportunities Web page will display all pending RFB, RFPs, etc., issued by the AURA/CAS as well as any amendments issued to such RFBs, RFP’s, etc. In addition, AURA shall display the name and contact information for any company which attends an AURA/NOAO pre-bid meeting on the AURA/CAS Bid Opportunities Web page for the purpose of apprising prospective subcontractors and the public which firms attended the pre-bid meeting(s). This will enable interested subcontractors to contact such firms for purposes of supplying subcontract prices. It shall be the Bidder’s obligation to check the AURA/CAS Bid Opportunities Web page to view and obtain copies of amendments and announcements related to the RFB they seek to bid on.

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SECTION II

MANDATORY PRE-BID MEETING/SITE VISIT INFORMATION

There is ONE pre-bid/site visit meeting scheduled for this project. **To be eligible to bid on this project, the Bidder MUST attend this meeting.** The mandatory pre-bid meeting/site visit is scheduled for **11:00 a.m., MST on Wednesday, September 26, 2018.** The meeting will be held at Kitt Peak within the confines of the Kitt Peak National Observatory.

Bidders attending the meeting are requested to assemble in front of the Kitt Peak Visitor Center; Bidders will then proceed to a designated meeting place on the mountain. Attendees will meet with National Optical Astronomy Observatory (NOAO) personnel and the AURA contracts personnel for a sit-down meeting to discuss the scope of work and technical specifications. Attendees will then visit the SOLIS Tower location for a walk-through.

Bidders should notify the AURA Contract Administrators Office via telephone at 520-318-8103 or email at sabney@aura-astronomy.org at least two (2) working days prior to the meeting date, to provide confirmation of their attendance at the mandatory pre-bid meeting and to obtain directions, if necessary.

The attached form (AURA's Standards of Workplace Conduct Policy) will be distributed and must be signed by each visitor prior to tour of the work site.

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ASSOCIATION OF UNIVERSITIES FOR RESEARCH IN ASTRONOMY, INC.

GEMINI OBSERVATORY • LARGE SYNOPTIC SURVEY TELESCOPE • NATIONAL OPTICAL ASTRONOMY OBSERVATORY • NATIONAL SOLAR OBSERVATORY • SPACE TELESCOPE SCIENCE INSTITUTE

AURA affirms its commitment to ensure an environment of the highest professional and ethical standards of conduct. All employees, vendors, participants in AURA programs and activities, and visitors to its centers and facilities are expected to comply with AURA's Standards of Workplace Conduct and to take appropriate measures to ensure that their conduct reflects our values of civility, respect and inclusiveness and that prohibited conduct does not occur. AURA's Standards of Workplace Conduct Policy Covers:

Sexual Harassment

AURA will not tolerate sexual harassment perpetrated by or against any employee, vendor, participants in AURA programs and activities, or visitors to its centers and facilities.

Other Harassment & Bullying

AURA prohibits any form of illegal harassment of any individual because of race, religion, color, gender, age, national origin, disability, marital status, veteran status, sexual orientation, gender identity or expression, or any other protected class.

AURA also strictly prohibits bullying. Bullying is generally defined as unwelcome or unreasonable behavior that demeans, intimidates, humiliates, or sabotages the work of people, either as individuals or as a group. Bullying behavior is most often pervasive, persistent and part of a pattern, but it can also occur as a single egregious incident.

Any person who believes that they have been subjected to prohibited harassment, discrimination, or bullying should immediately file a complaint with Human Resources. If any individual is unable or uncomfortable filing a complaint with Human Resources, they should contact Site/Center Management or file a complaint online through EthicsPoint at <https://secure.ethicspoint.com>. Contact information for each site/center is attached. In the U.S. individuals can also file a complaint by phone through the IntegrityLine at 855-257-4106.

Individual(s) who witness or are aware of suspected incidents of prohibited harassment, discrimination, or bullying are strongly encouraged to report the incident to Human Resources or Site/Center Management.

AURA expressly prohibits retaliation against any individual who has made a good-faith complaint of harassment, bullying or any other prohibited behavior, cooperated with the investigation of a complaint, or acted as a witness during the investigation of a complaint.

A full copy of the Standards of Workplace Conduct is available on AURA's website at www.aura-astronomy.org or can be requested at the Site/Center. Any questions regarding this policy should be directed to Lynda Dec, HR Division Chief, (520) 318-8247, ldec@aura-astronomy.org.

By signing this acknowledgement, you affirm that you have read and understand your responsibilities while conducting business with AURA and visiting its Sites/Centers.

Print Name

Organization

Signature

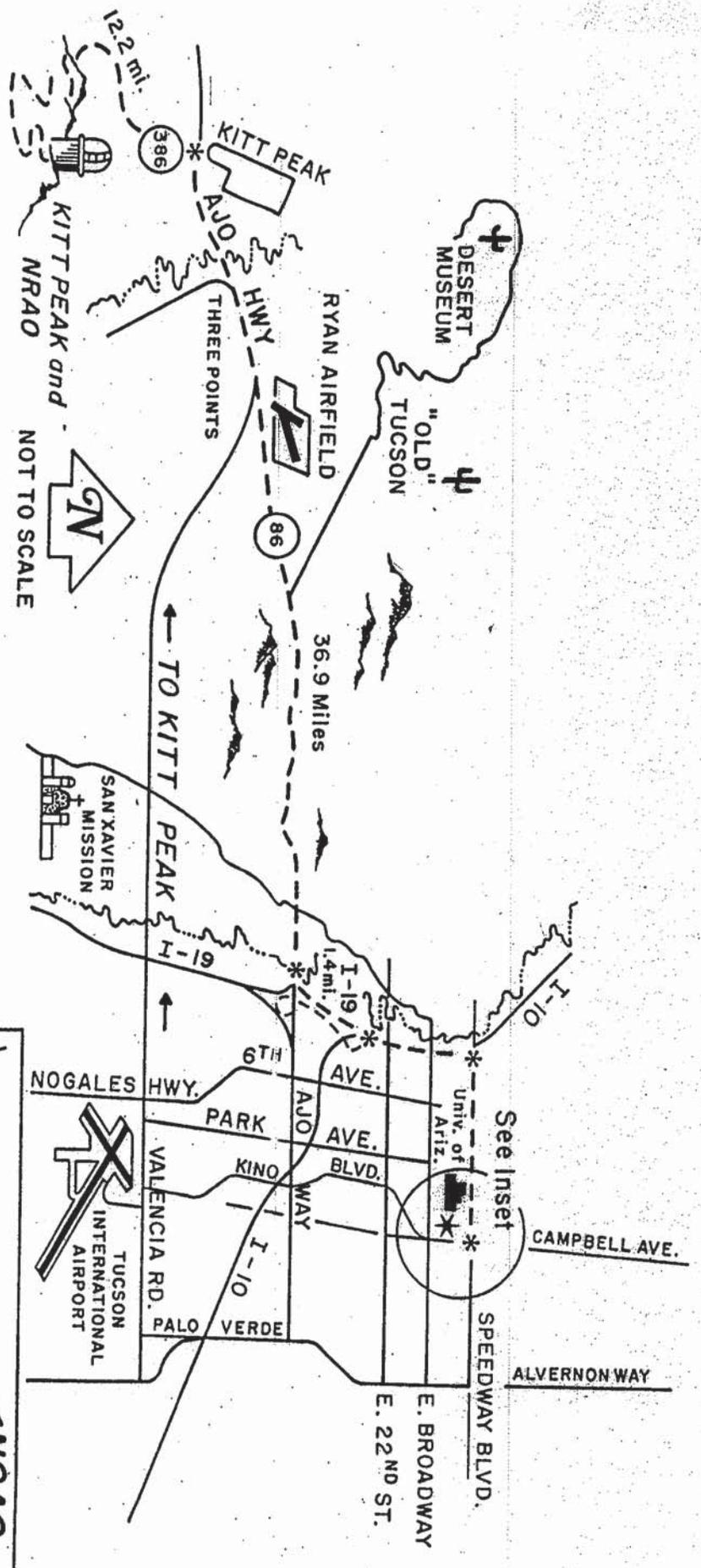
Date

AURA HUMAN RESOURCES OFFICE
PO Box 26732
TUCSON, ARIZONA 85726-6732
PHONE: 520-318-8000 | CONFIDENTIAL FAX: 520-318-8494

Center Contacts				
Center	Name	Position	Telephone	Email
Gemini – Hilo	Laura Ferrarese	Director	(808) 365-3852	lferrarese@gemini.edu
Gemini – Chile	Henry Roe	Deputy Director/Head of Science	+56 512-205 603	hroe@gemini.edu
LSST	Steven Kahn	Director	(520) 621-0194	skahn@lsst.org
LSST	Beth Willman	Deputy Director	(520) 318-8473	bwillman@lsst.org
NOAO	Dave Silva	Director	(520) 318-8281	dsilva@noao.edu
NOAO	Bob Blum	Deputy Director	(520) 318-8233	rblum@noao.edu
NSO	Valentin Martinez Pillet	Director	(575) 590-7095	vmpillet@nso.edu
NSO-DKIST	Thomas Rimmele	Associate Director	(303) 735-7362	trimmele@nso.edu

Human Resources Contacts				
Location	Name	Position	Telephone	Email
Arizona	Lynda Dec	HR Division Chief	(520) 318-8247	ldec@aura-astronomy.org
	D'Andrea Williams	HR Manager	(520) 318-8158	dwilliams@aura-astronomy.org
	Monica Burriss	Sr HR Generalist	(520) 318-8157	mburriss@aura-astronomy.org
	Amy Davidson	Sr HR Generalist	(520) 318-8116	adavidson@aura-astronomy.org
	Heather Bogard	HR Assistant	(520) 318-8125	hbogard@aura-astronomy.org
	Allison Constanza	HR Assistant	(520) 318-8563	aconstanza@aura-astronomy.org
	Ellen Mongelli	HR Assistant	(520) 318-8409	emongelli@aura-astronomy.org
Colorado	Lisa Green	Sr HR Generalist	(303) 735-9053	lgreen@aura-astronomy.org
Hawaii	Therese Glowania	HR Manager	(808) 974-2503	tglowania@gemini.edu
	Shauna Cordero	HR Generalist	(808) 974-2539	scordero@gemini.edu
Chile	Yura Monsanto	HR Manager	+56-51-2205-306	ymonsanto@aura-astronomy.org
	Enrique Artigas	HR Generalist	+56-51-2205-230	eartigas@aura-astronomy.org
	Viviana Ibarra	HR Generalist	+56 51 2205 221	vibarra@aura-astronomy.org
	Evelyn Cortes	HR Generalist	+56 51 2205 221	ecortes@aura-astronomy.org
	Victoria Rabuco	HR Assistant	+56 51 2205 221	vrabuco@aura-astronomy.org

Center Websites	
AURA	http://www.aura-astronomy.org
Gemini	http://www.gemini.edu
LSST	https://www.lsst.org
NOAO	https://www.noao.edu
NSO	https://www.nso.edu



----- LOCATION and ROUTE PLAN -----

NOAO TUCSON OFFICES TO KITT PEAK

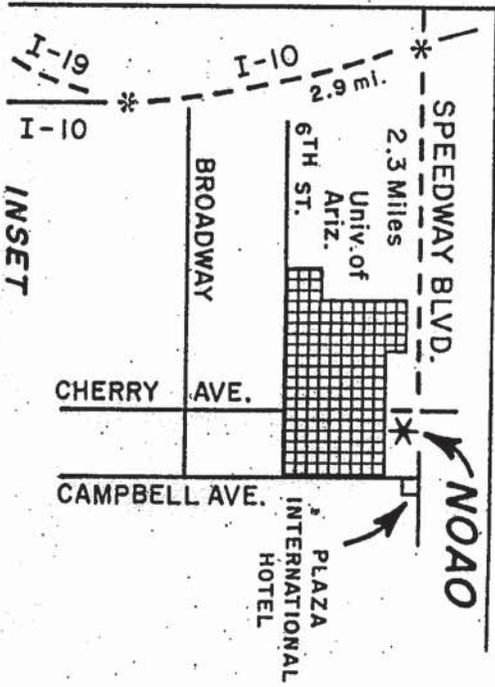
Also Alternate Routes from the
Tucson International Airport to Kitt Peak

LEGEND

----- ROUTE TO FOLLOW

----- 36.9 mi. ----- APPROXIMATE MILEAGE

Total Distance Between Tucson Headquarters and Kitt Peak = 55.7 mi.



I. Project Bid Info

A. Base Bid

1. Perform environmental compliance review/assessment of work site.
2. Deconstruct concrete tower and two of the three lightning towers.
3. Remove all structures and foundations below grade.
4. Backfill and compact area to receive paving.
5. Install paving material over location of removed structures.

B. Alternate #1

1. Perform environmental compliance review/assessment of work site.
2. Deconstruct concrete tower and two of the three lightning towers.
3. Remove portions of structure and foundations to 4 feet below existing grade.
4. Remaining below ground structures stabilized and abandoned in place. Area backfilled and compacted to receive paving.
5. Install paving material over location of removed structures.

II. GENERAL CONDITIONS

A. Project

1. The improvements are owned by the National Science Foundation and operated by AURA as the National Solar Observatory through a cooperative agreement.
2. The National Solar Observatory (NSO) is planning to deconstruct the SOLIS Tower Telescope structure (old Solar Vacuum Tower Telescope) per National Science Foundation (NSF) direction.
3. The NSF/NSO shall identify and remove any equipment and/or materials to be retained prior to start of deconstruction. Items remaining in the structure shall be disposed of by the vendor as part of the contract.
4. All work will need to be done in conformance with various regulations and requirements, Kitt Peak guidelines and applicable Tohono O'odham regulations.
5. Project must be planned and work scheduled to accommodate the daily operational needs of the Kitt Peak National Observatory facilities.
6. Affected SOLIS facility is currently shut down. Adjacent NSO McMath-Pierce (MMP) facility to remain operational during the work duration.
7. All work shall be done as specified in the bid documents. Work can begin on or around September 1, 2018 with total completion on or before February 28, 2019.
8. All bids shall include price for all material, labor, fees, taxes and bonds, and shall include a timeline for the work to be completed.

9. Vendor shall schedule and/or phase the deconstruction work or portions thereof as necessary to minimize the impact of their activities on the normal mountain operations and observatory needs. A project schedule must be submitted for review and approved by the Owner's Technical Representative prior to commencing work.
10. The vendor shall be responsible for removing all their demolition debris and/or garbage from the complex daily and transporting it off the mountain. The vendor shall also work with the Owner's Technical Representative for any demolished equipment that is identified to be salvaged for future use by the Owner.
11. The vendor shall be responsible for repairing any damages to KPNO infrastructure during deconstruction project.

B. General Site Conditions

1. The National Observatory is located at the terminus of Arizona State Route 386 approximately 40 miles west of Tucson, Arizona and is located within the boundaries of the Tohono O'odham Nation.
2. The internal roads are the Observatory responsibility and are utilized by both vehicles and general public pedestrians visiting the site. Safety on the roadways is a primary concern and a maximum speed limit of 10 mph is required. This particular time period is VERY busy with tourists walking along the roadways. Extra care MUST be taken between 9:30 a.m. and 3:45 p.m.
3. The Kitt Peak site contains internationally renowned observatories and is operated by the Association of Universities for Research in Astronomy, Inc. (AURA) under a cooperative agreement with the NSF.
4. The facility is situated at approximately 6800+ feet above sea level.
5. Regular working hours on Kitt Peak are from 8:00 AM to 4:00 PM. Other arrangements for work in daylight hours may be mutually established in advance with the Owner's Technical Representative. Under no circumstances shall any exterior or interior construction work take place during non-daylight hours.
6. There are occupants located on Kitt Peak that are considered day sleepers, and to reduce the disruption to these occupants, noisy activities and/or vehicular traffic in the dorm areas must be controlled as much as possible and is generally limited to the hours of noon to 4 PM. Modifications to these hours may be possible depending on the season and length of day/night hours. Vendor must take the proper precautions to assure that day sleepers are not affected by the construction.
7. Due to a limited supply of potable water available on Kitt Peak, the vendor shall be responsible for supplying water as they may need it for dust control, etc. See Safety Manager (Tammie LaVoie) for specific instructions.

8. Toilet facilities are not available in the work area for vendor use. Vendor shall bring in portable toilet(s) that are TERO approved for the work site and place near the work area (Note: portable toilets must be secured due to occasional high winds). Please plan placement away from the front of the McMath-Pierce Observatory to avoid tourists using toilets.
 9. Limited space is available near the work site that vendor may use for equipment staging and/or storage of materials. No use of visitors parking lot will be available as this is high tourist season.
 10. Wireless internet and cellular phone usage is prohibited on KPNO due to the interference with the radio telescopes.
 11. The Owner reserves the right to perform work or have other vendors working in the project area during the course of this contract. Coordination between the Owner and Vendor will be required if this is to occur.
 12. Vendor shall at all times keep their work area free from accumulations of waste material or rubbish, and prior to final completion of work, remove any rubbish, tools, equipment and materials not the property of the Owner from the mountain and premises.
 13. Upon completion of the work, the vendor shall leave the work area and premises in a clean, neat, workmanlike condition satisfactory to the Owner's Technical Representative.
 14. Vendor shall submit bi-weekly updates or activity forms to the Owner in a timely manner, if requested.
- C. Codes and Standards – Safety
1. Vendor shall comply with the requirements of all applicable provisions of the latest edition of the International Code Council publications (Building, Electrical, Plumbing, etc.) as well as other applicable State and National Codes.
 2. Vendor(s) shall be aware of and comply with all OSHA requirements and regulations. Vendor(s) shall take all measures necessary to protect their employees and KPNO personnel and visitors in adjacent areas from injury related to the work. Appropriate barricades and signage shall be utilized as necessary. Some nearby facilities may be in use during the performance of this contract.
 3. Vendor(s) and personnel shall be licensed and/or certified in the State of Arizona in the disciplines of any work to be performed. Vendor shall also comply with TO employment requirements.
 4. Vendor shall submit a work safety plan for review by the NOAO/KPNO Safety Manager prior to commencement of work.

5. Safety plan shall identify hazards related to environmental remediation, demolition, materials transport to appropriate facilities, training, emergency response, coordination and any other risks as may be identified during site visits.
6. Vendor to ensure that their employees are properly trained for the work involved and take proper safety precautions for deconstruction work and debris removal.
7. The Vendor is responsible for the proper protection of his materials and equipment until the completion of the project. This may include any necessary protection from inclement weather and/or barricades to keep visitors from tampering with equipment of harming themselves.

III. Building Interface Issues

A. McMath Pierce (MMP) Solar Telescope

1. Existing Loading Dock to remain.
2. Roof Interface to be patched/resealed as necessary to protect existing building.
3. Large Vacuum pipe running on exterior wall of MMP connecting SOLIS Tower to utility building to be removed.
4. Electrical breakers supplying SOLIS tower to be shut off with tower feeder wires removed.
5. Utility connections (water, chiller lines, phone, data, etc.) to be separated from MMP and capped as appropriate.
6. Double doors and wall at interface location to be removed and replaced with a solid insulated wall (see plans). During deconstruction, this area cannot, at any time, be left open to the elements. Opening must be secured to allow tours of the adjacent area to continue.

B. SOLIS Tower

1. Short north and south wing walls connecting to MMP solar telescope at interface location just east of double doors to be removed (see plans).

IV. Building Deconstruction

A. Environmental Compliance Assessment

1. Owner shall complete reviews, as necessary, in compliance with the National Environmental Policy Act (NEPA), National Historic Preservation Act (NHPA) and Endangered Species Act. Owner shall coordinate and consult with the Tohono O'odham Nation on these issues.
2. Vendor shall conduct an assessment of the work area to identify environmental issues associated with the deconstruction.

3. Potential concerns are; lead paint, liquids, asbestos containing material, electrical equipment, universal waste and salvage/recycle. Proper precautions must be taken during the deconstruction to prevent any such things blowing into the McMath-Pierce building.
 4. Vendor shall be responsible for asbestos and lead abatement as required for demolition and disposal.
 5. Vendor shall identify an allowance in their quotation for other potential costs that may be associated with other hazardous material, liquid or soils remediation.
 6. The SOLIS tower was originally constructed around 1974.
 7. Elevator inside the structure is included in demolition.
 8. External metal stairway included in demolition.
- B. Deconstruction Phase
1. Vendor to demolish structure and remove all material from the worksite.
 2. Recycling of demolition waste and/or materials and equipment shall be the responsibility of the vendor.
 3. Concrete waste may be crushed to a gradation of 3-inch minus and reused for onsite backfill/grading at vendor's option.
- C. Post – Deconstruction Phase
1. Material removed from site.
 2. Area regraded as necessary for flow of surface water and paved.
 3. Any landscaping and/or erosion controls completed.

V. PROJECT CLOSE OUT AND ACCEPTANCE

- A. Upon completion of the deconstruction, the Vendor shall remove all their equipment and perform operational checks to ensure that the McMath Pierce building systems have remained functional and operational. Any checks shall be performed in the presence of the Owner's Technical Representative and/or designated individuals.
- B. Vendor shall verify that all items have been disposed of in accordance with all applicable tribal and environmental regulations. Provide copies of disposal documentation for all hazardous items.

- C. Acceptance: Satisfactory project completion is when the Vendor has successfully performed all the required work, demonstrated operational status of McMath Pierce, provided copies of documentation, removed equipment and corrected any deficiencies that may be identified in the final walk through.

SECTION IV.

**VENDOR'S/CONTRACTOR'S BID DOCUMENTS
FIXED PRICE CONSTRUCTION SERVICES CONTRACT**

DATE: _____

Project: **SOLIS Tower Demolition N99469C**

TO: Procurement Office
AURA/CAS
Attn: Sherri Abney
950 N. Cherry Avenue
Tucson, AZ 85721
Email: sabney@aura-astronomy.org

Via mail:

AURA/CAS
Procurement Office
950 N. Cherry Ave.
Tucson, AZ 85719

1. By submitting this Bid, the Undersigned accepts all of the terms and conditions of the Bidding Documents as defined in 1.2 of the Instructions to Bidders.
2. In compliance with AURA's Request for Bid No. N99469C and Instructions to Bidders, the Undersigned hereby proposes to furnish all labor, materials, equipment and supplies to perform the work for AURA's Project, titled, "KPNO SOLIS Tower Demolition" in accordance with the Scope of Work/Technical Specifications, and pertinent Fixed Price Construction Services Contract Documents.
3. The Undersigned hereby specifies, in accordance with Article 7, Completion Time, of Instructions to Bidders, that the work shall be begin within _____ **calendar days** after signing the Fixed Price Construction Services Agreement and receiving a written notice to proceed.
4. In accordance with the above completion schedule (Paragraph 3) and attached scope of work and technical specifications, the Undersigned hereby proposes to accomplish the work described above ANNUALLY for the TOTAL of:

Title of Project: KPNO SOLIS Tower Demolition

_____ DOLLARS (\$ _____)
Total cost

5. To facilitate the bid review process, please provide below a general cost breakdown of the bid total in Paragraph 4 above. Note that costs may include both material and labor, or can be separated into cost for material and cost for labor. If an item that is listed is not included in this project, please enter a value of zero for this category.

If more room is needed, a separate page may be used for the cost breakdown.

6. The cost of the bid guaranty (if required) is:

_____ DOLLARS (\$_____).

7. The cost of the performance bond (if required) is:

_____ DOLLARS (\$_____).

8. The cost of the payment bond (if required) is:

_____ DOLLARS (\$_____).

9. The amount allocated to taxes is:

_____ DOLLARS (\$_____).

(Legal Name of individual, firm or Corporation Bidding)

(Complete Business Address)

(Signature of Authorized Representative)

(Title)

Qualification Package

ASSOCIATION OF UNIVERSITIES FOR RESEARCH IN ASTRONOMY, INC.

CONTRACTOR/CONSULTANT QUALIFICATIONS

This form is used to obtain information from Contractors/Consultants about their qualifications. The information that is used to evaluate them is taken from this form as well as from other sources, including but not limited to the proposal submitted by Contractor/Consultant, performance evaluations, any additional data requested by the Association of Universities for Research in Astronomy, Inc., outside research and interviews with the most highly qualified Contractors/Consultants and their references.

GENERAL INSTRUCTIONS

This form presents the qualifications for a specific contract. Carefully comply with instructions when preparing and submitting this form. Be as concise as possible and provide all information pertaining to this project and contract.

DEFINITIONS

Association of Universities for Research in Astronomy, Inc. (AURA): AURA is a consortium of universities, and educational and other non-profit institutions that operates world-class astronomical observatories that AURA terms "centers." AURA's members are 42 U.S. institutions and 5 international affiliates. AURA views itself as acting on behalf of the science communities that are served by its centers, and as a trustee and advocate for the centers' missions.

Contractor/Consultant: (Contractor): A company or individual providing goods and/or services required for a program or project.

Discipline: Primary technical capabilities of key personnel, as evidenced by academic degree, professional registration, certification, and/or extensive experience.

Key Personnel: Individuals who will have major contract responsibilities demonstrated through unusual or unique expertise, e.g. architects, engineers.

National Optical Astronomy Observatory (NOAO): The National Optical Astronomy Observatory (hereinafter "NOAO") main facilities are located at 950 North Cherry Ave., Tucson, AZ 85719.

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SPECIFIC INSTRUCTIONS

Contract-Specific Qualifications

Section A. Contract Information.

Contractor Point of Contact.

1 - 5. Name, Title, Name of Contractor, Telephone Number, Fax (Facsimile) Number and E-mail (Electronic Mail) Address. Provide information for a representative of the contractor that AURA may contact for additional information.

Section B. Sub-Contractor Information.

6 - 8. List any sub-contractors (if applicable). Provide Company name, address, and role in this contract. Then provide the firm's name, full mailing address, and a brief description of the role of each firm's performance activities in this contract. The named subcontractors and outside associates or consultants must be used. Any changes warrant approval by the AURA/NOAO contracting officer. If needed, attach an additional sheet in the same format as Section C.

Section C. Business References

Section D. Representations and Certifications

The Contractor is requested to check the appropriate boxes making the Representations and Certifications of the project a formal part of its pre-qualification. Failure to provide this information will prevent your company from being pre-qualified.

9. Small Business and Small Disadvantaged Business Contracting Program. AURA/NOAO maintains a Small Business and Small Disadvantaged Business Contracting Program. Check Business Size as Small or Large as defined. Check as many that apply under the Business Classification. Check one under Business Status, for IRS reporting requirements.

10. Identification Numbers. Enter appropriate D-U-N-S Number and Federal Employee Identification Number and (Central Contractor Registration Number) (or Social Security Number, if appropriate).

Section E. Debarment/Suspension Status

The Contractor is required to read and certify the understanding of the debarment procedure and process.

11-12. Signature and Date: Signature and Date of an authorized representative attests that the information provided is current and factual.

13-14. Name, Title, and Address.

Section F. Byrd Anti-Lobbying Amendment Certification

The Contractor is required to read and certify that it has not used federal appropriated funds to pay anyone for influencing an agency or a member or employee of Congress in connection with the award of any federal contracts, grants, loans or agreements.

15-17. Signature, Date and Title: Signature and title of an authorized representative who certifies to the truthfulness of the statements set forth therein.

Section G. Qualification of Corporate Signature

Signature of the qualified person authorized, empowered, and directed on behalf of the Contractor to make and execute bids, offers, and contracts is required.

18-19. Signature and Date: Signature and Date of Contractor's officer to attest that the officer signing the Bid Documents is authorized to make and execute bids, offers, and contracts binding upon this corporation for the offer and sale of goods and/or services by this corporation in the course of its business in an amount specified in the Contractor's Bid Document.

20-21. Name, Title, and Address.

Section H. Qualification of Limited Liability Company Signature

Signature of the qualified person authorized, empowered, and directed on behalf of the Contractor to make and execute bids, offers, and contracts is required.

22-23. Signature and Date: Signature and Date: Signature and Date of Contractor's member/manager/officer to attest that the individual signing the Bid Documents is authorized to make and execute bids, offers, and contracts binding upon this limited liability company for the offer and sale of goods and/or services by this limited liability company in the course of its business in an amount specified in the Contractor's Bid Document.

24-25. Name, Title, and Address.

Section I. Certification that no Conflict of Interest Exists.

The Contractor is required to read and certify that no organizational conflict of interest exists as defined in the certification form.

26-28 Signature of authorized representative, date and printed name of authorized representative and title of authorized representative.

Section J. Additional Information

Use this section to provide additional information specifically requested or to address selection criteria not covered by the information provided.

Section K. Declarations

29. Signature and Date: Signature and Date of Contractor's officer to attest that the information contained in the Bid Documents is true and correct and to confirm that the Contractor understands its statements in the Bid Documents are subject to investigation and that dishonest answers may be grounds for disqualification and may subject the Contractor and its representative to criminal and civil liability.

(The remainder of this page is left intentionally blank)

Section A. Contract Information

Contractor Point of Contact

1. Name and Title: _____
2. Name of company: _____
3. Telephone number: _____
4. Fax number: _____
5. E-mail address: _____

Section B. Sub-contractor (ONLY if applicable)

6. Company Name: _____
7. Address: _____
8. Role in this contract: _____

Section C. BUSINESS REFERENCES:

On a separate sheet of paper, list five customers for whom your business is currently providing the same or similar services as those covered in the scope of work/technical specifications described in Section III of this RFB. Include all information requested below.

Please provide: the name of the business, the point of contact name and email contact information, the address, their phone and fax numbers and the type of project completed for the references:

You may include any other information or documentation that may assist AURA in evaluating your qualifications.

D. REPRESENTATIONS AND CERTIFICATIONS

The contractor, by checking the appropriate boxes makes the following Representations and Certifications as a part of its bid (proposal). Submitted in response to the request identified above:

9. Small Business/Small Disadvantaged Business Contracting Program

AURA/NOAO maintains a “Small Business” and a “Small Disadvantaged Business” Contracting Program. Please check the appropriate circles below.

Business Size (check one)

- Small A domestic concern that is independently owned and operated, is not dominant in the field of its operations, qualifies under the criteria covering annual receipts set forth in Section 3 of the Small Business Act and does not employ more than 500 employees.
- Large A domestic concern which, including domestic and foreign divisions and affiliates, normally employs 500 or more persons, is independently or publicly owned or controlled and operated, and which may be division of another domestic or foreign concern.

Business Classification (check as many as are applicable)

- Minority 51% of business is owned by one or more socially and economically-disadvantaged individuals and whose management and daily business operations are controlled by one or more of such individuals.
- Socially and economically disadvantaged individuals including, Black Americans, Hispanic Americans, Native Americans, Asian-Pacific Americans, Asian-Indian Americans, and other minorities, or any other individual found to be disadvantages pursuant to Section 8(a) of the Small Business Act.
- Native Americans include American Indians, Eskimos, Aleuts, and Native Hawaiians. Asian-Pacific Americans include United States citizens whose origins are Guam, the U.S. Trust Territories of the Pacific, Northern Marianas, Laos, Cambodia, and Taiwan.
- For assistance in determining your business size and socially and economically disadvantaged status, contact the nearest office of the Small Business Administration.
- Women-Owned A business that is at least 51% owned, controlled and operated by a woman or women.
- Note:** “Controlled” is defined as exercising the power to make policy decisions. “Operated” is defined as actively involved in the day-to-day management.

E. DEBARMENT/SUSPENSION STATUS –

Contractor certifies to the best of its knowledge and belief that it and its principals:

(a) are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from a covered transaction by any Federal department or agency;

(b) have not within a three year period preceding this proposal 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) transaction or contract under a public transaction; violation of Federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(c) are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (federal, State or local) with commission of any of the offenses enumerated in paragraph b of this certification; and

(d) have not within a three-year period preceding this proposal for bid had one or more public transactions (Federal, state or local) terminated for cause or default.

The Contractor agrees to provide immediate notice to the AURA/NOAO/WIYN Contracting Officer in the event of being suspended, debarred, or declared ineligible by any department or Federal Agency, or upon receipt of a notice of proposed debarment that is received after the submission of the bid or offer, but prior to the award of the purchase order or contract.

CERTIFICATION

The Contractor hereby certifies that he or she has read the above Debarment/Suspension Status requirements and that he or she understands and will comply with these requirements.

Please advise this facility as soon as possible when the status of your company changes from that indicated above.

11. SIGNATURE OF AUTHORIZED REPRESENTATIVE:

12. DATE SIGNED: _____

13. NAME AND TITLE OF SIGNER (PRINT OR TYPE):

14. ADDRESS: _____

F. BYRD ANTI-LOBBYING AMENDMENT CERTIFICATION (31 U.S.C. §1352)

(To be signed with each bid or offer exceeding \$100,000.00)

Contractor certifies, to the best of its knowledge and belief that:

(1) No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of congress, or an employee of a Member of congress 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 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 in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form LLL, "Disclosure of Lobbying Activities," in accordance with its instructions to the [as amended by "Government wide Guidance for New Restrictions on Lobbying, "61 Fed. Reg. 1413 (1/19/96). Note Language in paragraph (2) herein has been modified in accordance with Section 10 of the lobbying disclosure Act of 1995 (P.L. 104-65, to be codified at 2 U.S. C. 1601 *et seq.*)].

(3) Contractor shall require that the language of this certification be included in the award documents for all sub-awards at all tiers including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements and that all sub-recipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such expenditure or failure.

CERTIFICATION

Contractor certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, contractor understands and agrees that the provisions of 31 U.S.C. A 3801 *et seq.*, apply to this certification and disclosure, if any.

15. SIGNATURE OF AUTHORIZED REPRESENTATIVE:

16. DATE SIGNED:

17. NAME AND TITLE OF SIGNER (PRINT OR TYPE):

G. QUALIFICATION OF CORPORATE SIGNATURE

(To be completed if Contractor is a corporation.)

_____, incorporated in the
(Name of Corporation)

State of _____.

RESOLVED THAT:

_____, _____
(Name) (Title)

of this corporation is hereby authorized, empowered, and directed, for and on behalf of this corporation and its corporate name, to make and execute bids, offers, and contracts binding upon this corporation for the offer and sale of goods and/or services by this corporation in the course of its business in an amount up to:

_____ DOLLARS (\$_____)

CERTIFICATION

I hereby certify that I am a/the duly elected and qualified _____, of the above named corporation, that the forgoing is a true and correct statement of a resolution adopted at a meeting of the Board of Directors of said corporation, and that the foregoing resolution is in full force and effect, and has not been withdrawn, repealed, amended, or canceled.

IN WITNESS WHEREOF I have hereto set my hand on behalf of said corporation.

18. SIGNATURE OF OFFICER: _____

19. DATE SIGNED: _____

20. NAME AND TITLE OF SIGNER (PRINT OR TYPE):

21. ADDRESS: _____

H. QUALIFICATION OF LIMITED LIABILITY COMPANY SIGNATURE

(To be completed if Contractor is a limited liability company.)

_____, organized in the
(Name of Limited Liability Company)

State of _____.

RESOLVED THAT:

_____, _____
(Name) (Title)

of this limited liability company is hereby authorized, empowered, and directed, for and on behalf of this limited liability company and its limited liability name, to make and execute bids, offers, and contracts binding upon this limited liability company for the offer and sale of goods and/or services by this limited liability company in the course of its business in an amount up to:

_____ DOLLARS (\$_____)

CERTIFICATION

I hereby certify that I am (i) a member or (ii) a/the duly elected and qualified/appointed _____, of the above named limited liability company, that the forgoing is a true and correct statement of a resolution adopted at a meeting of the members/managers of said limited liability company, and that the foregoing resolution is in full force and effect, and has not been withdrawn, repealed, amended, or canceled.

IN WITNESS WHEREOF, I have hereto set my hand on behalf of said limited liability company.

22. SIGNATURE OF MEMBER/MANAGER/OFFICER: _____

23. DATE SIGNED: _____

24. NAME AND TITLE OF SIGNER (PRINT OR TYPE):

25. ADDRESS: _____

I. CONFLICTS OF INTEREST CERTIFICATION

(a) Contractor warrants that to the best of its knowledge and belief, and except as otherwise disclosed, it does not have any organizational conflict of interest which is defined as a situation in which the nature of work under a proposed contract and the prospective contractor’s organizational, financial, contractual or other interest are such that:

- (i) award of the contract may result in or be the result of an unfair competitive advantage;
- (ii) the Contractor’s objectivity in performing the contract work may be impaired; or
- (iii) that the Contractor has disclosed all relevant information and requested AURA to make a determination with respect to this Contract.

(b) Contractor agrees that if, after award, it discovers an organizational conflict of interest with respect to this Contract, it shall make an immediate and full disclosure in writing to the AURA Contracts Officer which shall include a description of the action which the Contractor has taken or intends to take to eliminate or neutralize the conflict. The AURA Contracts Officer may, however, terminate the contract for the convenience of AURA, if it would be in the best interests of AURA to do so.

(c) In the event the Contractor was aware of an organizational conflict of interest before the award of this contract and intentionally did not disclose the conflict to the AURA Contracts Officer, the Contracts Officer may terminate the Contract for default.

(d) Contractor shall require a conflict of interest disclosure or representation from subcontractors and consultants who may be in a position to influence the advice or assistance rendered to AURA and shall include any necessary provisions to eliminate or neutralize conflicts of interest in such consultant agreements or subcontracts involving performance or work under this Contract.

I declare under penalty of perjury that all statements and information contained in this document and any accompanying documents are true and correct, with full knowledge that all statements made in this document and any accompanying documents are subject to investigation and that any false or dishonest answer to any question may be grounds for disqualification from this solicitation or termination of any award and expose me and the represented organization to both civil and criminal liability.

26. _____
Signature of Authorized Officer/Member/Representative

27. _____
Printed Name and Title

28. Date: _____

J. ADDITIONAL INFORMATION

PROVIDE ANY ADDITIONAL INFORMATION AS REQUESTED. ATTACH ADDITIONAL SHEETS AS NEEDED.

K. DECLARATION

29. I declare under penalty of perjury that all statements and information contained in this document and any accompanying documents are true and correct, with full knowledge that all statements made in this document any accompanying documents are subject to investigation and that any false or dishonest answer to any question may be grounds for disqualification from this solicitation and expose me and the represented organization to both civil and criminal liability.

SIGNATURE OF AUTHORIZED REPRESENTATIVE

Date

Print Name