

REQUEST FOR PROPOSAL

**WESTERN GOVERNORS' ASSOCIATION
WESTERN REGIONAL AIR PARTNERSHIP (WRAP)**

**Regional Haze Rule: Default Natural Haze
Levels Sensitivity Assessment**

January 30, 2004

INVITATION TO BID

DATE: January 30, 2003
BID NO: 04WGA130WRAP
DIRECT INQUIRIES TO: Richard Halvey
PHONE NO: (303) 623-9378

RETURN BID TO: Western Governor's Association
1515 Cleveland Place, Suite 200
Denver, Colorado 80202
Attn: Richard Halvey

DATE BID DUE: **March 5, 2004, 2:00 PM Mountain Standard Time**

Bids properly marked as to BID NO., DATE, and HOUR of opening, subject to the conditions herein stipulated and in accordance with the specifications set forth and/or attached hereto, will be accepted at the address listed above, prior to the date and time listed for the bid opening. All bids shall be quoted F.O.B. destination, unless otherwise specified, to the delivery location or jobsite listed herein.

**SEALED COMPETITIVE PROPOSAL FOR:
Regional Haze Rule: Default Natural Haze
Levels Sensitivity Assessment**

Prices shall be quoted F.O.B. destination and include delivery to the Western Governors' Association. See attached pages for terms and conditions and proposal requirements.

IMPORTANT: Bidders should read the entire document before submitting bid.
BIDS MUST BE SIGNED IN INK.

TERMS: Terms of less than 30 calendar days will not be considered.

TYPED OR PRINTED SIGNATURE

Handwritten signature by Authorized
Officer or Agent of Vendor (in ink)

VENDOR NAME AND ADDRESS

TITLE _____
DATE _____
PHONE # _____

The above bid is subject to Terms and Conditions on attached sheets.

RETURN THIS COPY

PROPOSER COST SUBMITTAL

PROPOSER'S NAME

PROPOSER'S ADDRESS STREET AND NUMBER

CITY

STATE

ZIP CODE

NAME OF AUTHORIZED OFFICIAL (PRINT OR TYPE)

OFFICIAL TITLE

SIGNATURE OF AUTHORIZED OFFICIAL

TELEPHONE NUMBER

E-MAIL ADDRESS

TOTAL COST

RFP TERMS AND CONDITIONS

1. **LATE BIDS/PROPOSALS WILL NOT BE ACCEPTED OR CONSIDERED.** It is the responsibility of the bidder/proposer (hereinafter “bidder” or “proposer”) to ensure that the bid/proposal (hereinafter “bid” or “proposal”) arrives prior to the time and at the place indicated in the bid. Telephone or facsimile responses will not be accepted.
2. Specifications are provided to identify product/service required and to establish an acceptable quality level. Bids on products of equal quality and usability will normally be considered unless otherwise stated. The Western Governors’ Association (WGA) will be the sole judge in determining “equals” in regard to quality, price and performance. Samples of product(s), when required, must be furnished free of expense to the WGA, and, if not destroyed by tests, may upon request at the time the sample is furnished, be returned at bidder’s expense. Failure to furnish brochures, specifications, and/or samples as requested may be sufficient cause for rejection of bids.
3. Bidders shall furnish all the information required and are expected to examine the drawings, specifications, schedule of delivery and all instructions. Should the bidder find any part of the listed specifications, terms and conditions to be discrepant, incomplete or otherwise questionable in any respect, it shall be the responsibility of the bidder to call such matters to the attention of the WGA immediately. Failure to do so will be at the bidder’s risk. All official changes to this bid will be furnished, in writing by the WGA.
4. The bidder shall furnish the products and/or services in strict accordance with the specifications, and at the price set forth for each item. In case of error in extension, the unit price will prevail. All products quoted shall be newly manufactured and of the manufacturer’s current model, unless otherwise specified.
5. Bidders must furnish all Material Safety Data Sheets (MSDS) for any chemicals or hazardous materials. Awards may not be made if MSDS are not received by the WGA.
6. The bid should be returned in an envelope sealed and properly marked as to bid number and opening time and date.
7. No bid shall be withdrawn for a period of less than sixty (60) calendar days subsequent to the opening of the bids, unless otherwise stipulated by the WGA.
8. **Americans with Disabilities Act (ADA) Requirements.** The vendor assures that, at all times during the performance of this contract, no qualified individual with a disability shall, by reason of that disability, be excluded from participation in, or be denied benefits of services, programs, or activities performed by the vendor or be subject to any discrimination by the vendor.
9. **Independent Contractor.** The contractor shall perform its duties herein as an independent contractor and not as an employee. Neither the contractor nor any agent or employee of

the contractor shall be, or shall be deemed to be, an employee or agent of the WGA. Contractor shall pay when due all required employment taxes and income tax withholding, shall provide and keep in force workers compensation (and show proof of such insurance) and employment compensation insurance in the amounts required by law, and shall be solely responsible for the acts of the contractor, its employees, and its agents.

10. Bidder agrees to comply with all applicable federal and state laws, regulations and policies, as amended, including those regarding discrimination and unfair labor practices.

ADMINISTRATIVE INFORMATION

- A. ISSUING OFFICE: This Request For Proposal (RFP) is issued by the Western Governors' Association (WGA). The WGA is the sole point of contact on this RFP.
- B. INVITATION TO SUBMIT PROPOSALS: The WGA is hereby contacting prospective offerors who have an interest or are known to do business relevant to this RFP. All interested offerors who were not contacted are invited to submit a proposal in accordance with the rules, procedures and dates set forth herein. In the event of "No Bid", please sign the Invitation for Bid form, indicating "No Bid," and return it to the WGA.
- C. PURPOSE: This RFP provides prospective offerors with sufficient information to enable them to prepare and submit proposals for consideration by the WGA to satisfy the need for expert assistance in the completion of the goals of this RFP.
- D. SCOPE: This RFP contains the instructions governing the proposal to be submitted and the material to be included therein, including mandatory requirements which must be met to be eligible for consideration.

E. SCHEDULE OF ACTIVITIES:

1.	RFP Published	01/30/04
2.	Pre-Proposal Conference	02/19/04
3.	Prospective Offerors' Written Inquiry	02/20/04
4.	Proposal Submission	
	5 hard copies including original and 1 electronic copy	03/05/04
5.	Bidder Interviews (option of the WGA)	03/15/04
6.	Proposal Selection (estimated)	03/22/04
7.	Contract Finalized (estimated / week of)	03/29/04
8.	Contract Period	04/04-3/05

- F. INQUIRIES: Unless otherwise noted, prospective offerors may make written inquiries concerning this RFP to obtain clarification of the requirements. No inquiries will be accepted after the date/time indicated in the Schedule of Activities. Send all inquiries to:

Western Governors' Association
1515 Cleveland Place, Suite 200
Denver, Colorado 80202
Attn: Richard Halvey (rhalvey@westgov.org)

Response to offerors inquiries will be made in writing in a timely manner to all prospective offerors. Any oral interpretations of clarifications to this RFP shall not be relied upon. All changes to this RFP must be in writing to be valid.

- G. MODIFICATION OR WITHDRAWAL OF PROPOSALS: Proposals may be modified or withdrawn by the offeror prior to the established due date and time.
- H. PROPOSAL SUBMISSION: Proposals must be received on or before the date and time indicated in the Schedule of Activities. Late proposals will not be accepted. It is the responsibility of the offeror to ensure that the proposal is received by the WGA on or before the proposal opening date and time. Offerors mailing their proposals shall allow sufficient mail delivery time to ensure receipt of their proposals by the time specified. The proposal package shall be delivered or sent by mail to:

Western Governor's Association
1515 Cleveland Place, Suite 200
Denver, Colorado 80202
Attn: Richard Halvey

The WGA Invitation for Bid form must be signed in ink by the offeror or an officer of the offeror legally authorized to bind the offeror to the proposal. Proposals that are determined to be at variance with RFP requirements may not be accepted. Proposals must be submitted and sealed in a package showing the following information on the outside of the envelope:

OFFEROR'S NAME
RFP-NO.
PROPOSAL DUE DATE AND TIME

- I. ADDENDUM OR SUPPLEMENT TO REQUEST FOR PROPOSAL: In the event that it becomes necessary to revise any part of this RFP, an addendum will be provided to each offeror who received the original RFP. It is the responsibility of offerors, prior to the bid date, to enquire as to addenda issued and ensure their bid reflects any and all changes. The WGA will maintain a register of holders of this RFP. Any party receiving this RFP other than from the WGA should inform the WGA of its interest in order to ensure receipt of any addenda.
- J. BIDDER INTERVIEWS: Offerors who are deemed most qualified after initial evaluation may be asked to interview with the selection committee.
- K. ACCEPTANCE OF RFP TERMS: A proposal submitted in response to this RFP shall constitute a binding offer. Acknowledgment of this condition shall be indicated by the signature of the offeror or an officer of the offeror legally authorized to execute contractual obligations. A submission in response to this RFP acknowledges acceptance by the offeror of all terms and conditions, including compensation, as set forth herein. Any offeror shall identify clearly and thoroughly any variations between its proposal and this RFP. Failure to do so shall be deemed a waiver of any rights to subsequently modify the terms of performance.

- L. PROTESTED SOLICITATIONS AND AWARDS: Any actual or prospective offeror or contractor who is aggrieved in connection with the solicitation or award of a contract may protest to the Executive Director of the WGA. The protest shall be submitted in writing within seven working days after such aggrieved person knows or should have known.
- M. COST DATA/BUDGET: Proposals for \$10,000 or more must include Cost/Data/Budget providing factual information concerning the cost of labor, material, travel, overhead and other cost elements expected to be incurred.
- N. CONFIDENTIAL/PROPRIETARY INFORMATION: Any restrictions on the use or inspection of material contained within the proposal shall be clearly stated in the proposal itself. Written requests for confidentiality shall be submitted by the offeror with the proposal. The offeror must state specifically what elements of the proposal are to be considered confidential or proprietary. Confidential and proprietary information must be readily identified, marked and separated/packaged from the rest of the proposal. Co-mingling of confidential or proprietary information and other information is not acceptable. The WGA will make a written determination as to the apparent validity of any request for confidentiality and send it to the offeror. Neither a proposal in its entirety nor proposal price information will be considered confidential or proprietary. Any information that will be included in any resulting contract cannot be considered proprietary.
- O. RFP RESPONSE MATERIAL OWNERSHIP: All material submitted regarding this RFP becomes the property of the WGA. Proposals may be reviewed by any person after the Notice of Intent to Award letter has been issued. The WGA reserves the right to use any and all information and material presented in reply to the RFP, subject to the limitations outlined in (N), Confidential/Proprietary Information. Disqualification of an offeror does not eliminate this right.
- P. PROPOSAL PRICES: Estimated proposal prices are not acceptable. Best and final offers cannot be considered in determining the apparent successful offeror. All work toward a deliverable task will be billed on a time and materials basis subject to a not to be exceeded budget for each deliverable task or contract. All work will be performed consistent with the schedule specified in the contract.
- Q. SELECTION OF PROPOSAL: All offerors will be notified in writing regarding the results of the RFP evaluation. Upon review and approval of the evaluation committee's recommendation for award, the WGA will issue a Notice of Intent to Make Award letter to the apparent, successful offeror. A contract must be completed and signed by all parties concerned on or before the date indicated in the Schedule of Activities. If this date is not met through no fault of the WGA, the WGA may elect to cancel the Notice of Intent to Make Award letter and make the award to the next most responsive offeror.
- R. AWARD OF CONTRACT: The award will be made to that offeror whose proposal, conforming to the RFP, will be the most advantageous to the WGA, price and other factors considered.

- S. ACCEPTANCE OF PROPOSAL CONTENT: The contents of the proposal of the successful offeror, including persons specified to implement the project, will become contractual obligations if acquisition action ensues. Failure of the successful offeror to accept these obligations in a contract may result in cancellation of the award, and such offeror may be removed from future solicitations.
- T. STANDARD CONTRACT: The WGA reserves the right to incorporate standard WGA contract provisions into any contract resulting from this RFP.
- U. RFP CANCELLATION: The WGA reserves the right to cancel this Request for Proposal at any time without penalty.
- V. WGA OWNERSHIP OF CONTRACT PRODUCTS/SERVICES: Proposals, upon established opening time, become the property of the WGA. All products/services produced in response to the contract resulting from this RFP will become the sole property of the WGA. The contents of the successful offeror's proposal will become contractual obligations.
- W. INCURRING COSTS: The WGA is not responsible for any cost incurred by offerors prior to the issuance of a legally executed contract or procurement document. No proprietary interest of any nature shall occur until a contract is awarded and signed by all concerned parties.
- X. MINORITY PARTICIPATION: It is the WGA's goal to achieve maximum participation of minorities in the procurement process. Accordingly, minority enterprises are to be utilized whenever possible. By the submission of a proposal, the offeror shall agree to utilize the maximum amount of minority business firms that the offeror finds to be consistent with the efficient performance of any resulting contract.
- Y. NON-DISCRIMINATION: The offeror shall comply with all applicable state and federal laws, rules, and regulations involving non-discrimination on the basis of race, color, religion, national origin, age, or sex.
- Z. REJECTION OF PROPOSALS: The WGA reserves the right to reject any and all proposals and to waive informalities and minor irregularities in proposals received and to accept any portion of a proposal or all items proposed if deemed in the best interest of the WGA.
- AA. PARENT COMPANY: If an offeror is owned or controlled by a parent company, the name, main office address, and parent company's tax identification number shall be provided in the proposal.
- BB. NEWS RELEASES: News releases pertaining to this RFP shall not be made prior to execution of the contract without prior written approval of the WGA.

CC: CONTRACT CANCELLATION: The WGA reserves the right to cancel, for cause, any contract resulting from this RFP by timely written notice to the contractor.

DD. CERTIFICATION OF INDEPENDENT PRICE DETERMINATION:

1. By submission of this proposal, each offeror certifies, and in the case of a joint proposal each party thereto certifies, as to its own organization, that in conjunction with this procurement:
 - (a) The prices in this proposal have been arrived at independently, without consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other offeror or with any competitor;
 - (b) Unless otherwise required by law, the prices which have been quoted in this proposal have not been knowingly disclosed by the offeror prior to opening, directly or indirectly to any other offeror or to any competitor; and
 - (c) No attempt has been made or will be made by the offeror to induce any other person or firm to submit or not submit a proposal for the purpose of restricting competition.

2. Each person signing the Invitation for Bid form of this proposal certifies that:
 - (a) He is the person in the offeror's organization responsible within that organization for the decision as to prices being offered herein and that he has not participated, and will not participate in any action contrary to (1)(a) through (1)(c) above; or
 - (b) He is not the person in the offeror's organization responsible within that organization for the decision as to the prices being offered herein but that he has been authorized in writing to act as agent for the persons responsible for such decision in certifying that such persons have not participated, and will not participate in any action contrary to (1)(a) through (1)(c) above; and as their agent does hereby so certify; and he has not participated, and will not participate, in any action contrary to (1)(a) through (1)(c) above.

3. A proposal will not be considered for award where (1)(a), (1)(c), or (2) above has been deleted or modified. Where (1)(b) above has been deleted or modified, the proposal will not be considered for award unless the offeror furnishes with the proposal a signed statement which sets forth in detail the circumstances of the disclosure and the head of the agency, or his designees, determines that such disclosure was not made for the purpose of restricting competition.

EE. TAXES: The WGA, as a purchaser designated as a 501(c)(3) organization, is exempt from all federal taxes and from all state and local government use taxes. Seller is hereby notified that when materials are purchased in certain political subdivisions, the seller may be required to pay sales tax even though the ultimate product or service is provided to the WGA. This sales tax will not be reimbursed by the WGA.

- FF. ASSIGNMENT: Except for assignment of antitrust claims, neither party to any resulting contract may assign any portion of the agreement without the prior written consent of the other party.
- GG. AVAILABILITY OF FUNDS: Financial obligations of the WGA payable after the current fiscal year are contingent upon funds for that purpose being appropriated, budgeted, and otherwise made available. In the event funds are not appropriated, any resulting contract will become null and void, without penalty to the WGA.
- HH. INSURANCE: If the proposal so states, the contractor shall procure at its own expense, and maintain for the duration of the work, the following insurance coverages and provide the WGA with certificates as an additional insured.
1. Standard Worker's Compensation and Employers' Liability, as required by State statute, including occupational disease, and covering all employees at a work site.
 2. General Liability (PL & PD) (Minimum)
 - (a) Combined single limit - \$600,000 written on an occurrence basis.
 - (b) Any aggregate limit will not be less than \$1 million.
 - (c) Contractor must purchase additional insurance if claims reduce the annual aggregate below \$600,000.
 - (d) WGA to be named as additional insured on each comprehensive general liability policy.
 - (e) Certificate of Insurance to be provided to the WGA within 10 working days of the receipt of the award.
 - (f) Insurance shall include provisions preventing cancellation without 60 days prior notice by certified mail to the WGA.
 3. Automobile Liability (minimum). The Contractor shall carry a minimum of \$600,000 combined single limit auto insurance.
 4. Additional coverages may be required in specific solicitations.

For any insurances required by this RFP, a completed Standard Certificate of Insurance form shall be provided to the WGA by the contractor prior to the date of any contract.

- II. INDEMNIFICATION: To the extent authorized by law, the contractor shall indemnify, save and hold harmless the WGA, its employees, and agents, against any and all claims, damages, liability, and court awards including costs, expenses, and attorney fees incurred as a result of any act or omission by the contractor or its employees, agents, subcontractors, or assignees pursuant to the terms of the contract resulting from this RFP.
- JJ. VENUE: The laws of the State of Colorado, U.S.A. shall govern in connection with the formation, performance and the legal enforcement of any resulting contract.

Administrative

1. All products/services produced in response to the contract resulting from this RFP will become the sole property of the WGA.
2. Computer code products produced for this project may remain confidential, but WGA will be able to manipulate as needed for this project.
3. The products/services resulting from this contract will not be subject to separate renewal or upgrade fees during the life of the contract.
4. Licenses for proprietary software and other products included as part of the package of products/services resulting from this contract will not be subject to separate renewal or upgrade fees.
5. The successful offeror will provide a warranty provision for the products/services resulting from this contract, for the life of the contract, starting from the date that the project deliverables are fully operational.
6. The capabilities of the project deliverables will be maintained from the date that the project deliverables are fully operational, such that staff turnover is less than 20% per year of the portion of the company or institution routinely operating the project deliverables.
7. The successful offeror may be an individual company, entity, or institution, or may be composed of a team of companies, entities, and/or institutions to handle the development and routine operations portions of this project.
8. No changes to the staffing of the prime and any subcontractors can be made without prior written approval by WGA.

1.0 Scope of Work

1.1 Background

The Western Regional Air Partnership (WRAP) is a collaborative effort of tribal governments, state governments, and various federal agencies to implement the recommendations of the Grand Canyon Visibility Transport Commission (GCVTC), and to develop the technical and policy tools needed by western states and tribes to comply with the U.S. Environmental Protection Agency's (EPA) regional haze rule (RHR). Other common western regional air quality issues raised by the WRAP membership may also be addressed. WRAP activities are conducted by a network of committees and forums composed of WRAP members and stakeholders who represent a wide range of viewpoints.

WRAP is acting on behalf of all five Regional Planning Organizations in contracting for this work. Therefore, the geographic scope of this work includes all 156 visibility-protected areas nationwide, not just those within the WRAP region.

The EPA document "Draft Guidance for Estimating Natural Visibility Conditions Under the Regional Haze Rule" provides default natural haze levels for each visibility-protected federal class I area. The default values were determined by applying the algorithm used to calculate the haze index from aerosol species concentrations to estimates of natural concentration levels for the Eastern and the Western U.S. that were published in chapter 24 of the NAPAP State of Science, 1990. While deemed adequate, these estimates of natural haze levels were generally recognized as only a starting point that needed to be refined over time as additional information could be developed and applied to improve the estimates.

This Scope of Work (SOW) describes the requirements for a sensitivity assessment of the default natural haze levels that would be used to establish priorities for future efforts to refine natural haze levels.

The principal method to refine natural level estimates is by improving the estimates of natural-source contributions to the major aerosol species concentrations responsible for haze. These improved estimates of the natural species concentrations replace the default values in the calculation of the haze index. Another type of refinement would be an improved algorithm used to calculate light extinction from aerosol concentrations. This would require demonstrating that the aerosol extinction efficiency or water growth factors were systematically different for natural source aerosol species compared with other ambient aerosol species.

There are three broadly different ways to refine the default natural aerosol concentrations that are briefly discussed in the draft guidance document. The default annual estimates of species concentrations for the best and worst 20% haze conditions can be replaced by better annual estimates, by a seasonally varying estimates or by event-specific estimates (e.g. in the case of forest fire and dust storm impacts). Any technically defensible combination of these different ways to refine the natural aerosol concentration is acceptable. It is likely that refinement will be a multi-step process over a period of many years as the information required to justify changes are developed and reviewed.

Regardless of the nature of the proposed natural level refinement the process to win approval is expected to involve preparation of documentation that would describe and technically justify the refinement, and assess the implications of its use. Presumably this would be included as part of the SIP or TIP and would be subject to public and EPA review prior to implementation.

1.2 Sensitivity Analyses

The objective of sensitivity assessments is to develop a basis for prioritizing efforts to refine natural haze level estimates. Priority should be given to refine the default natural contribution to aerosol species that could have the greatest affect on the calculation of the reasonable rate of improvement needed to achieve natural conditions. [From the EPA Regional Haze Guidance, $\text{rate} \equiv (\text{current haze level} - \text{natural haze level})/60\text{years} = (\text{man-made haze level})/60\text{years}.$] The sensitivity assessment is expected to differ for visibility-protected areas in different regions of the country and perhaps for different sites within a region. Sensitivity assessments require the following inputs: the measured current aerosol species concentrations for the haziest days (available from the VIEWS web site), the default natural aerosol species concentrations (available from the EPA guidance document), and the uncertainty in the natural sources contributions to the aerosol species (determining this is the key to this contract effort). With this information the uncertainty contributed by the uncertainty in the natural source contribution to each aerosol species to the overall uncertainty in the rate of progress can be calculated.

As defined in the EPA guidance document, natural species concentration over any period of time (e.g. a sample period, season, year, etc.) must be between zero and the averaged measured concentration for that time period. Therefore aerosol species that contribute significantly to current worst-case haze conditions have the greatest potential to add significantly to the uncertainty in natural conditions. By contrast, the uncertainty in the natural source contribution to the aerosol species that contribute in a minor way to current haze conditions will have less of an influence on the uncertainty of the reasonable rate of progress calculation.

There are several approaches that could be used to estimate the natural source contributions in a sensitivity analysis. One could use the ratio of estimated natural to total emissions of the aerosol component or its precursors (locally and in the region) to apportion the ambient concentrations of that component. Another approach might be to examine measured species concentrations for remote areas that might be expected to have similar natural source impact but much less impact from man-made sources (e.g. remote areas of South America or other southern hemisphere locations). These two approaches for estimating natural source haze contributions were the basis

for the NAPAP estimates used to define the default natural levels. The NAPAP report also contains uncertainty estimates for its attribution to natural sources for each aerosol species that could be used in an initial sensitivity assessment, but these should undoubtedly be refined using the substantial quantities of measurements made in the twenty years since that work was done.

Sensitivity analysis could also assess the affects of using annual average estimates (default or refined) for species that may be expected to have significant seasonal or episodic variations. Employing various estimated variations for natural aerosol species along with real ambient aerosol species data sets, it should be possible to assess the effects of worst day natural haze level estimates on the reasonable rate of progress calculations. The use of several independent methods using independent information sources would provide a basis for estimating the uncertainty in the results of the sensitivity analysis.

Regional and site-specific exposure to different natural sources of haze must be considered in the development of approaches for conducting these sensitivity assessments. For example coastal and near coastal sites may be significantly impacted by sea salt aerosol, unlike other sites in the same region. One or two sites (in Hawaii) are likely to be substantially impacted volcanic emissions, while most other sites wouldn't need to consider that source category. Deciding which natural source to include in the assessment of uncertainty for each class I areas monitoring site is a critically import initial step in successfully conducting this work.

The results of this work should establish the relative priority of refining the contribution to haze by natural sources to each of the major aerosol species for each site. This could be by a semi-quantitative classification of the priority (e.g. high, medium, & low), or by determining the value of some appropriate uncertainty index (e.g. $\pm 50\%$ uncertainty in the rate of progress) for each site and aerosol species.

2.0 Tasks

Proposals need to describe:

1. The proposed technical approach to estimate the uncertainty in the natural sources contribution to aerosol extinction, including assumptions, limitations, required information/data, and a list of natural sources to be considered that is cross-reference to a list the class I areas that will be assessed;
2. The proposed approach to assess the relative importance of reducing uncertainty (refining) of the natural sources contributions to various aerosol contribution to extinction, plus example applications of the algorithm using mock data.

3.0 Schedule/Deliverables

The schedule, including any milestones, will be proposed by the bidder in accordance with the technical approach.

4.0 THE PROPOSAL

Any response to the RFP must be submitted in two parts:

A. Task completion requirements. Proposals should indicate the level of effort required, the approach to be taken (including examples of the potential formats for the final products), and include an estimate of hours and cost by task in tabular format.

B. Related experience. Successful bidders will have demonstrated expertise with the completion of similar assessment work, including the specific qualifications of the proposed staff

Proposal responses are limited to 50 pages, exclusive of key staff resumes and budgets. Five (5) copies of each proposal and one (1) electronic copy must be supplied. The electronic copy may be submitted either with the proposal response or by e-mail in Adobe Acrobat PDF format and should be exactly as the hard copy.

4.1 Anticipated Cost

The WGA is expecting project costs to be between \$50,000 and \$100,000. Bidders are encouraged to be cognizant that the WRAP prefers bidders with efficient budgets.

4.2 Amendments to the RFP

The WGA reserves the right to issue amendments in the form of addenda to this RFP prior to the date for proposal submissions. All persons known by the WGA to have received the RFP will be sent any and all amendments. Failure to acknowledge receipt of the amendments in accordance with the instructions contained in the addenda may result in proposals being rejected. The WGA will allow a reasonable time for the acknowledgment of receipt following issuance of the amendments.

The WGA reserves the right to issue amendments after the date of proposal openings. All persons submitting proposals will be sent any such amendments. The failure to acknowledge receipt of amendments provisions stated in the previous paragraph will apply to post-opening amendments as well.

4.3 Submission of proposal

All proposals must be received by the WGA, 1515 Cleveland Place, Suite 200, Denver, CO 80202 on or before 2:00 PM MDT on March 5, 2004. The proposals will be publicly acknowledged at that time. Acknowledgment of the proposers' submission will occur on March 8, 2004 or as soon as possible thereafter.

Telephone, telegraph, e-mail, or fax proposals will not be accepted in lieu of the hard copy submission. A late proposal will not be eligible for consideration and will be returned unopened, with notification of the reason for its refusal. Proposers must submit their cost proposal, rounded to the nearest dollar, on the proposal form that accompanies this RFP and sealed in an envelope.

4.4 Modification of Proposal

Proposal modification by amendment will be accepted on conditions that:

- 1) The amendment arrives before the deadline for proposal submittal;
- 2) The amendment is in writing and signed by the proposer; and
- 3) The proposal, as amended, conforms in all aspects to the requirements in this RFP.

4.5 Withdrawal of Proposal/Mistakes in Bid

A proposal may be withdrawn at any time prior to the proposal opening.

4.6 Disqualification of Proposers

The WGA reserves the right to reject any and all proposals in writing, before or after the opening, for evidence of conditions including but not limited to collusion with intent to defraud or other illegal practices on the part of the proposer.

4.7 Non-Conformance

Any proposal that does not conform to all of the requirements of the RFP may be rejected. The WGA will so notify the affected proposer in writing of the rejection and the reason for the rejection.

4.8 Statement of Financial Condition

A firm shall provide a statement regarding its financial viability. Any submission is subject to review by the WGA and acceptance or rejection is at the discretion of the WGA.

The WGA reserves the right to ask for additional information concerning financial responsibility. If a proposer unreasonably fails to provide such information, the WGA may find the proposer to be non-responsive.

4.9 Related Experience Statement

The proposal must contain a proposer's experience statement as described below:

- 1) The proposer must provide a list of previous and current contracts of a similar nature, if any, which were awarded to the proposer by a governmental agency and/or the private sector. The statement should provide details on its management ability as well as its technical expertise and a listing of its projects and accomplishments.

- 2) The proposer must include the following in each list described above:
 - a. Contract duration, including dates;
 - b. Geographic area served; and
 - c. Name, address, and telephone number of the contracting agency which may be contacted for verification of all data submitted.

4.10 Proposers Conference/Questions and Answers

A proposers telephone conference will be held at 10:00 a.m. Mountain Time on February 19, 2004. The call in number is 312-461-9324, access code 341048.

The WGA will accept written questions through the close of business February 20, 2004. The WGA will provide written answers to all written questions as expeditiously as possible to all persons and entities known to have received this RFP. The responses to questions will become a part of the RFP.

Any corrections or necessary revisions that are identified will result in a formal amendment to this RFP, which will be provided to all persons and entities known to have received this RFP.

4.11 Evaluation of Proposals

An evaluation committee will be established to evaluate all proposals in accordance with the evaluation factors stated in this RFP. After the initial review of the proposals by the evaluation committee, the proposers may be asked to make an oral presentation in support of their proposals. It is likely that the oral presentation will be done by telephone conference. Upon final consideration, the Emissions Reduction Task Team will make a recommendation to the Executive Director of the WGA. The Executive Director will make the final decision.

The evaluation committee is responsible for developing a final ranking of each proposal and recommending that the proposer with the best score be awarded the contract. In this capacity, the committee will:

- 1) Rate each proposal on the criteria; and
- 2) Develop a final ranking of each proposal with a narrative that addresses pertinent points and issues.

Proposals will be evaluated based on the following criteria:

- 1) The ability to provide sound technical support;
- 2) Experience with similar projects;

- 3) Personnel qualifications;
- 4) Availability and support of management;
- 5) Completeness and clarity of the proposal;
- 6) Cost;
- 7) Schedule; and
- 8) Offers of in-kind (no cost to the WGA) services from the bidder's organization, which will be reviewed under established WGA procedures

4.12 Award of Contract

The contract shall be awarded to the responsible proposer determined to be the most advantageous to the WGA based on the evaluation factors set forth in Section 4.11 of this RFP. After proposals are opened, meetings may be held with the proposers determined to be the most responsive. Discussion may be held to clarify requirements and to make minor adjustments in services to be performed and in related costs. Any change to the proposal shall be submitted/confirmed in writing by the contractor.

Before an award can be made to a proposer, the WGA reserves the right to reject any and all proposals or waive any minor nonsubstantive irregularity in proposals received. Upon selection of a proposal, the WGA will issue a Letter of Intent specifying a date by which a contract must be executed.

In the event the proposer the evaluation committee has determined to be the most advantageous withdraws their proposal, the award shall be given to the next declared most advantageous proposer as determined by the evaluation committee.

4.13 Contract Duration and Renewal

The WGA intends to sign the contract within 30 days or as soon as possible after notification to the successful proposer.

4.14 WGA Preference

Any or all proposals may be rejected in whole or in part if the executive director determines in writing that such action is in the WGA's best interest.

4.15 Confidentiality

The contents of all proposals, correspondence, working papers, and any other medium that discloses any confidential aspect of the proposal shall be held in the strictest confidence until notice of intent to award.

All proposals will be publicly opened. A register of proposals will be developed by the evaluation committee, providing a proposer name and description of that proposal. This register of proposals will be made public only after the contract is awarded. Confidential information submitted with proposals shall be readily separable and accompanied by a written request of confidentiality.

5.0 PRIME CONTRACTOR RESPONSIBILITIES

If the proposal includes services supplied by other contractors, it will be mandatory for the successful proposer to identify them and to assume responsibility for their performance.

5.1 Subcontracting

The Contractor's use of subcontractors shall not diminish the Contractor's obligations to complete the work in accordance with the contract. Each contractor shall control, coordinate, and be responsible for the work of subcontractors. The contractor shall be responsible for informing all subcontractors of all terms, conditions, and requirements of the contract. The WGA reserves the right to approve all subcontractors prior to their assumption of duties on behalf of the contractor. The contractor shall forward to the WGA a listing of each designated subcontractor that indicates their purpose or area of participation.

5.2 Patent and Copyright Infringement

The contractor shall defend, protect, and save harmless the WGA, its officers, agents, and employees against all suits at law or in equity and from all damages, claims, or demands for actual or alleged infringement of any patent or copyright by reason of the contractor's use of any equipment or supplies in connection with the contract.

5.3 Conflict of Interest

The contractor and/or subcontractors must affirm in writing that he/she currently has no interest and shall not acquire any interest, direct or indirect, which would pose a conflict of interest in any manner or degree with the performance of services required by this RFP for the life of the contract.

6.0 CONTRACT GENERAL TERMS

A proposer's response to this RFP shall be considered as the proposer's formal offer. The WGA reserves the right to negotiate additional contract terms within the scope of the RFP. The signing of the contract by the WGA shall constitute the WGA's written acceptance of the successful proposal.