

REQUEST FOR PROPOSALS MOUNT RUSHMORE ROAD CENTRAL CORRIDOR ANALYSIS

The City of Rapid City in conjunction with the Rapid City Area Metropolitan Planning Organization (MPO) and the South Dakota Department of Transportation (SDDOT) is soliciting proposals from qualified consultants to prepare a transportation study of a portion of Mount Rushmore Road in central Rapid City. Specifically, that section of Mount Rushmore Road beginning at U.S. Hwy 44/Omaha Street and proceeding southerly to Cathedral Drive/Fairmont Boulevard.

BACKGROUND

The section of Mount Rushmore Road included in this study is classified as a principal arterial on both the National Functional Classification Map and Rapid City's Major Street Plan. The corridor has historically been the primary route for tourism related traffic destined for the Black Hills. The amount of traffic traveling within the Mount Rushmore Road corridor has fueled the development of the corridor into one of Rapid City's major commercial/retail areas.

The recent completion of the Southeast Connector (Catron Blvd./Hwy 16B and Elk Vale Road) provides a route around central Rapid City and is expected to have a significant impact on regional travel patterns. Additionally, development along the Southeast Connector could potentially impact existing businesses and land uses with the Mount Rushmore Road corridor. Maintaining the economic viability of the corridor in response to these changes is vital to both Rapid City and the entire Black Hills region.

PROJECT DESCRIPTION

The purpose of the study is threefold: (1) to develop a future land use plan for the corridor, and, (2) to develop corridor improvement alternatives that provide adequate infrastructure to meet the expected future traffic and development demands and include project elements to facilitate and encourage pedestrian and non-motorized travel within the corridor, and, (3) to develop alternatives for streetscape and landscape improvements within the corridor that would be thematically consistent with existing improvements in Rapid City's central business district.

SCOPE OF SERVICES REQUESTED

Task 100 Data Review and Collection

The consultant shall review documents and coordinate with appropriate staff regarding the following: (1) Major Street Plan, City of Rapid City (2) City of Rapid City Future Land Use Plan Neighborhood Maps (3) City of Rapid City Drainage Plans (4) Wastewater Facilities Plan for Rapid City, South Dakota (5) South Dakota Department of Transportation Crash Statistics (6) The Southwest Connector Route Study (7) existing

and proposed access policies and criteria from the City of Rapid City (8) existing and proposed access policies and criteria from the South Dakota Department of Transportation (9) Rapid City Area Transportation Improvement Program (10) Rapid City Area 2030 Long Range Transportation Plan (11) South Dakota Department of Transportation Statewide Transportation Improvement Program (12) Rapid City Bikeway/Walkway Plan (13) Rapid City Pedestrian Bicyclist Crash Report.

The consultant shall perform those data collection functions necessary to evaluate and analyze existing and future conditions including the road network, land uses, crash history, traffic volumes, train movement frequency and duration data and topography. Note that traffic volume data outside of the corridor will be necessary in order to complete the study. The consultant will prepare a location map showing the study area. The City will be responsible for providing to the consultant ten foot (10') digital contour files and USGS digital twenty foot (20') contour files. The consultant will conduct field investigations to identify and investigate existing manmade and natural features, such as surface drainage patterns and flood plain boundaries.

Task 200 Future Land Use Map

Working in conjunction with City staff and the Future Land Use Study Committee, the Consultant will develop a future land use map for a width of four city blocks on each side of the Mount Rushmore Road right-of-way. The consultant will provide an E-size color future land use map at a 1"-500' scale that will be used in a committee setting and public meetings. The consultant will be required to make numerous revisions to the future land use map, in response to committee or public comments. Color future land use maps measuring 11 inches x 17 inches will also be required. The consultant will provide the Future Land Use Study Committee E-size black and white copies and overlays of the parcel base maps, in addition to translucent mylar copies of ten (10) foot or twenty (20) foot contour data, land ownership, existing zoning, and existing water and sewer lines. The consultant will provide to the City ARC/INFO v. 9.0 machine readable files of all the base maps requested. The colored future land use file must be created in an ARC/INFO v. 9.0 polygon format. The consultant will be required to edge match digital parcel files provided by the Director of Equalization to create the parcel base map. These files will be made available in either DGN or DXF format.

Task 200 Traffic Forecasts

Based on the data collected/reviewed (Task 100) and the Future Land Use Plan (Task 200) the consultant shall develop for the corridor future (25-year) peak season and Average Annual Daily Traffic (AADT) volume projections including morning and evening peaks, movements and directions, design hourly volumes (DHV), peak hour factor (PHF) and traffic composition (i.e., passenger cars, trucks, buses, or recreational vehicles). The consultant will also develop a forecast of train movements and duration affecting the corridor.

Task 300 Analysis of Traffic Operations**Subtask 300.1 Existing Conditions**

The consultant will analyze corridor performance and all existing signalized intersection's performance using the methodology of the Transportation Research Board's Highway Capacity Manual 2000. The consultant will further analyze the U.S. Hwy 44/Omaha Street, Main Street and St. Joseph Street intersections with respect to their operation during periods of rail movements at the Mount Rushmore Road/DME Railroad grade crossing. The consultant will provide recommendations for traffic control devices, pavement markings and traffic signal timing plan revisions to enhance existing traffic operations, traffic safety, pedestrian safety and non-motorized transportation safety within the corridor.

Subtask 300.2 Future Conditions

The consultant will determine if any additional traffic signals are warranted under future traffic conditions (Task 200). The consultant will analyze for future traffic conditions (Task 200) each alternative conceptual plan (Task 400) for corridor performance and all existing and future signalized intersection's performance. All analyses shall use the methodology of the Transportation Research Board's Highway Capacity Manual 2000. The consultant will further analyze for each alternative conceptual plan (Task 400) the U.S. Hwy 44/Omaha Street, Main Street and St. Joseph Street intersections with respect to their operation during periods of rail movements at the Mount Rushmore Road/DME Railroad grade crossing. The consultant will provide for each alternative conceptual plan (Task 400) recommendations for traffic control devices, pavement markings and traffic signal timing plans to enhance future traffic operations, traffic safety, pedestrian safety and non-motorized transportation safety within the corridor.

Task 400 Infrastructure Improvement Alternatives**Subtask 400.1 Development of Conceptual Design Alternatives**

The consultant will develop using traffic forecasts (Task 200) conceptual designs for existing and future roadway and intersection and/or interchange needs. Concept plans shall consider and include other public infrastructure factors, i.e. water supply system, sanitary sewer system, road storm drainage and storm drainage of abutting properties. Associated project costs and right-of-way needs for each alternative will also be prepared. All design elements shall be in accordance with SDDOT, FHWA and FTA standards.

Subtask 400.2 Environmental Impacts

The consultant will identify for each alternative conceptual design all associated environmental and environmental justice impacts. The consultant will also develop mitigation measures for each identified impact.

Subtask 400.2 Evaluation of Conceptual Design Alternatives

The consultant will develop for each alternative conceptual design life cycle costs and benefits. The consultant shall also provide a list of projects/alternatives and the relative merits and/or drawbacks for each of the alternatives and prepare an evaluation matrix comparing the characteristics of each alternative.

Task 500 Access Management Plan

The consultant will analyze existing property access locations within the corridor and develop recommendations for modifying said access locations for the purposes of enhancing traffic operations and/or roadway safety. The consultant shall also develop access management guidelines for the corridor; these guidelines will be utilized by the City and SDDOT in evaluating future access requests. All work shall be consistent with existing and proposed access management policies of the City of Rapid City and the SDDOT.

Task 600 Streetscape and Landscape Improvement Alternatives

The consultant will develop alternative conceptual designs for streetscape and landscape improvements within the corridor. The alternatives should be thematically consistent with existing improvements in Rapid City's central business district and respectful of the West Boulevard and Downtown Historic Districts. Associated project costs and right-of-way needs for each alternative will also be prepared. All design elements shall be in accordance with City standards, SDDOT standards and the Secretary of the Interior's Standards for the Treatment of Historic Properties.

Task 700 Public Information & Participation

The City will provide access to the Director of Equalization's property information to allow the consultant to prepare a data base file in Microsoft Access 7.0 format containing fields for property identification number, name & address of owner, legal description, platted acreage, zoning and other data needed to prepare mass mailings, assessment roles, and/or connection fees for financing one or more construction projects in the study area. The consultant will compile data and prepare maps, graphs, or other visual aids for public presentations regarding the road network analysis; and prepare agendas and conduct meetings for these presentations. The consultant will be required throughout the duration of the contract to attend necessary meetings to discuss the scope of work, negotiate the contract, and meet with the City and State staff advisory group.

Task 800 Reports and Meetings

The consultant will provide local and state representatives with fifteen (15) copies of the draft corridor study prior to completion of final draft reports. The draft will include an executive summary, preliminary findings and recommendations, and any other information developed as part of the study. The consultant shall include any other pertinent information that might help and/or support the analyses such as: applicable statements from local and state officials, cost effectiveness analyses, funding sources, implementation schedules, etc. The consultant shall review and become familiar with the requirements of the Federal Highway Administration which pertain to federal aid road projects and include all necessary items in the report to satisfy those requirements.

The consultant will provide originals of revised draft reports throughout the public meeting and comment process. Staff of the Rapid City Area Metropolitan Planning Organization will cover the reproduction of documents during first and second draft reviews. The consultant will provide forty (40) final reports of the analysis for submittal to the South Dakota Department of Transportation, Federal Highway Administration, and local governments for use in the planning process.

The consultant shall be required to present the draft and final reports of the study to the Rapid City Council, the Future Land Use Study Committee and the Rapid City Area Metropolitan Planning Organization's Citizen's Advisory Committee, Technical Coordinating Committee and the Executive Policy Committee.

SCHEDULE OF PROPOSAL

Proposals shall be governed by the following estimated schedule:

30 days from RFP send date --Written proposals due at the Rapid City Growth Management Department.

30 days from receipt of RFP's -- Interviews of selected respondents at Rapid City City Hall.

14 days from interviews -- Selection of consultant and initiation of contract negotiations.

PERIOD OF PERFORMANCE

Detailed scheduling of the project will be negotiated during the contract negotiations by the selected consultant and the City.

The date for initiation of the contract as well as the overall contract performance period will be negotiated with the selected consultant based on the tentative time schedule listed below.

Notice to Proceed – Date?

Submit Base Maps – Date?

Submit Draft Land Use Maps – Date?

Submit Draft Report to Agencies for Review – Date?

Complete Study – Date?

Final payment and retainage will not be made to the consultant until the Final Report is accepted by the City and Rapid City Area Metropolitan Planning Organization.

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GENERAL INSTRUCTIONS

INQUIRIES

Questions about the proposal may arise as proposers are preparing their responses. Inquiries are to be made in writing prior to _____, 2006 and answers thereto will be mailed to all firms who have received or requested copies of the RFP. Origin of the questions will not be identified. Please direct questions to:

Monica Heller
Region Office
South Dakota Dept. of Transportation
P.O. Box 1970
Rapid City, SD 57709-1970
(605) 394-2244

Marcia Elkins, Director
City of Rapid City
Growth Management Department
300 Sixth Street
Rapid City, SD 57701
(605) 394-4120

SIGNATURE REQUIREMENTS

Proposals must be signed by a duly authorized official of the proposer. Consortia, joint ventures, or teams submitting proposals, although permitted and encouraged, will not be considered responsive unless it is established that all contractual responsibility rests solely with one contractor or one legal entity which shall not be a subsidiary or affiliate with limited resources. Each proposal should indicate the entity responsible for execution on behalf of the proposal team.

MINIMUM SERVICES OF THE CONSULTANT

The following shall be the basic services and products provided by the consultant.

- A. The consultant agrees to attend and conduct a minimum of three public meetings/hearings during the study period. The first meeting will be held to receive input for the corridor analysis and street network study. The second meeting will be arranged for the purpose of a draft document review. The third meeting will be held to present the final report. The consultant shall be responsible for all public hearing notices, graphics, slides, and handouts, including executive summaries for distribution to the general public.

- B. The consultant agrees to attend and make presentations at the following meetings:

Presentation of the draft corridor study to the Rapid City Council, the Future Land Use Study Committee and the Rapid City Area Metropolitan Planning Organization's Citizen's Advisory Committee, the Technical Coordinating Committee and the Executive Policy Committee at dates and times to be determined.

Final report presentations of the corridor analysis and street network study to the Rapid City Council, the Future Land Use Study Committee, the Citizen's Advisory Committee, the Technical Coordinating Committee, and the Executive Policy Committee at dates and times to be determined.

- C. The consultant agrees to prepare a brief synopsis of public comment as part of the final document(s). Official minutes of public meetings and committee meetings are the responsibility of the consultant and shall be included as part of the final document(s).

- D. The consultant agrees to prepare draft documents, make revisions as required, and prepare final document(s) which will include graphics, charts, tables, and an executive summary. The consultant will respond in a timely manner to any comments that result from the State/Federal/Public review, and will provide forty (40) copies of all responses. A minimum of forty (40) final reports of the corridor analysis and street network will be prepared and submitted for staff and officials within the State Department of Transportation, the Federal Highway Administration, the City of Rapid City, and the Rapid City Area Metropolitan Planning Organization. Originals will also be supplied to the City in digital format.

PROPOSAL SUBMISSION

The City of Rapid City must receive your proposal no later than 4:00 p.m. MST, July 19, 2006. The background information, experience and descriptive examples of the proposers work must be submitted with information to accompany the proposal at the required time of submittal. Eight (8) copies of each proposal must be submitted to the City of Rapid City. Submissions will be directed to:
Transportation Planning Division

Rapid City Growth Management Department
300 Sixth Street
Rapid City, SD 57701

ADDENDA AND SUPPLEMENTS TO RFP

In the event that it becomes necessary to revise any part of this RFP or if additional information is necessary to enable the proposer to make adequate interpretation of the provisions of this Request for Proposal, a supplement to the RFP will be provided to each proposer.

REJECTION RIGHTS

The City of Rapid City and the Rapid City Area Metropolitan Planning Organization retain the right to reject all proposals and to re-solicit if deemed to be in their best interests.

Selection is also dependent upon the negotiation of a mutually acceptable contract with the successful proposer.

COST OF PROPOSAL PREPARATION

No reimbursement will be made by the City of Rapid City or any other party to this agreement for any costs incurred prior to a formal notice to proceed under a contract.

PROPOSALS TO BE IN EFFECT

Each proposal shall state it is valid for a period of not less than ninety (90) days from the date of receipt.

PROHIBITED INTEREST

No member, officer, employee of the City or State, or member of its governing body or of a local public body having jurisdiction within the City's service area, during his or her tenure or one year thereafter, shall have any interest, direct or indirect, in any resultant contract or the proceeds thereof.

TAXES

The contract amount submitted by the consultant should take into consideration the fact that all sponsoring entities associated with the proposed project are exempt from all state taxation, including state sales tax.

SELECTION PROCESS

A study team will review responses to this Request for Proposal that meet the requirements enumerated and are received prior to the designated closing date.

Upon review of qualified proposers, the committee will designate the most qualified firms as finalists based on professional qualifications, costs and financial data. The selected finalists will appear for an oral presentation and evaluation by the committee which then will select a firm. The selected consultant will be notified and contract negotiations will commence. Upon the completion of negotiations, the City of Rapid City, the Rapid City Area Metropolitan Planning Organization and the South Dakota Department of Transportation must approve the contract before any work can begin. Federal funding will be utilized in this study and thus the consultant will be subject to all of the federal contracting requirements which are incurred as a result.

PROJECT APPROACH

The proposer should identify the study process utilized on other significant projects of similar scope and magnitude as well as the process envisioned for this project. The specific procedures and methods proposed for coordinating the requirements of the Federal Highway Administration, the South Dakota Department of Transportation, the City of Rapid City, and the Rapid City Area Metropolitan Planning Organization shall be detailed in the proposal.

QUALIFICATIONS, COSTS AND FINANCIAL DATA

Those firms submitting proposals will be evaluated according to the qualification of the firm in terms of experience, the ability to perform and manage the work, the ability to work within a schedule, and within a fixed budget. The firm is asked to submit a description of prior work that is related to the scope of work previously described. Particular emphasis will be placed on the qualifications of the firm's key staff, such as the project manager and all staff involved in the project.

The contract for the scope of work will be based on a fee schedule with a not-to-exceed amount. Project fee and cost estimates are not considered binding evaluation criteria. Each firm submitting a proposal must provide a time and cost estimate for each phase of the study based on the services enumerated and the assumed project time frame.

SPECIALIZED EXPERIENCE

The following criteria will be weighted equally in evaluating the qualifications of each consultant.

Capacity/Capability (30%)

- (a) Key personnel and individual relevant experience and capability, and outside consultants.

- (b) Diversity of skills - transportation planning, land use, civil engineering, traffic engineering and familiarity with Federal regulations governing the transportation planning process.
- (c) Total number of firm employees in project technical disciplines proposed for this project and current workload of those individuals.

Technical Ability and Understanding of Requirements (40%)

- (a) Technical approach proposed for meeting tasks.
- (b) Understanding and experience in meeting tasks.
- (c) Understanding of study requirements and experience with similar studies.
- (d) Project schedule.
- (e) Personnel assigned to tasks.
- (f) Quality of examples of previous work.

Project Organization and Management (20%)

- (a) Project team.
- (b) Management Procedure - work reports.
- (c) Quality Control.

Past Record of Performance (10%)

Completion time - quality - efficiency

GENERAL EXPERTISE REQUIRED

The services envisioned within this Request for Proposal includes all of the transportation planning, civil engineering and traffic engineering disciplines necessary for the completion of the project desired.

MISCELLANEOUS

All previously mentioned information will be made available to the selected consultant, as well as, the latest available traffic counts, the Rapid City Major Street Plan, and any other maps or documents pertinent to the development of this document.

The City of Rapid City, the Rapid City Area Metropolitan Planning Organization and the South Dakota Department of Transportation retain the right to amend the contract with the successful proposer to include other possible areas of concern with this project.

NON-DISCRIMINATION/AMERICANS WITH DISABILITIES ACT

The successful consultant shall comply with the requirements of Title 49 CFR Part 21 and Title VI of the Civil Rights Act of 1964. The successful consultant shall submit upon request quarterly Title VI (civil rights) State of Contractor reports to the South Dakota Department of Transportation. The successful Consultant shall provide services in compliance with the Americans with Disabilities Act of 1990.

CONTRACT PROVISIONS AND ASSURANCES

Federal funds received by the Rapid City Area Metropolitan Planning Organization will be used as a component of the overall funding of this project. Accordingly, the selected consultant will be required to comply with all applicable Federal regulations and contracting provisions required by the Federal funding authority, including 49 CFR Part 31 - Allowable Costs, Civil Rights, Minority Business Enterprise, and other applicable assurance provisions. Additionally, the contract must be in compliance with state and local requirements applicable to such contracts.

INSURANCE

Any and all resulting agreements resulting from this request for proposals shall require the successful Consultant to provide and maintain professional liability insurance as well as worker's compensation, public liability and property damage insurance in compliance with all applicable State and Federal regulations and contracting provisions required by the Federal funding authority, including 49 CFR Part 31 or subsequent revisions of said federal regulations.

SUMMARY

All plans, calculations, maps, digital files, reports, correspondence, minutes of meetings, and related data generated for the study will be included in the final documents submitted to the Rapid City Area Metropolitan Planning Organization.