

**FMG INC.**  
**AMENDMENT NO.1 TO AGREEMENT FOR SCOPE OF SERVICES**  
**WEST MEMORIAL PARK PROJECT**  
**PROJECT # 2246**

**AMENDMENT SCOPE OF SERVICES.**

The City of Rapid City has entered into an Agreement with SDDOT for a Transportation Alternatives project for construction of SDDOT TA Project P TAPU (15) PCN 05CC in the City of Rapid City. The project is for construction of a concrete sidewalk/shared use path in West Memorial Park in Rapid City. The project is located between along I-190 (West Boulevard) and Mt. Rushmore Road (8<sup>th</sup> Street). The sidewalk/shared use path is generally as shown as future improvements on the West Memorial Park Project constructed in 2018, City Project #2246.

The Scope of Work in this contract is for Task 1 – Preliminary Design Services, Task 2 – Final Design Services, Task 3 – Bidding Period Services, Task 4 Construction Period Services

Plans are to be prepared per SDDOT guidelines and will use SDDOT specifications except that plans will be prepared using Autocadd Civil 3D to meet City requirements. Plans will be 11” x 17” color. Non-Section Method will be used.

SDDOT will advertise, let the contract, award, and be the contracting party for the project.

**TASK 1 - PRELIMINARY DESIGN SERVICES:**

This task consists of all services necessary to take the project from beginning through the 60% Preliminary Design submittal stage.

- 1.1 Kick-off Conference: The consultant shall meet with City staff to detail project concept and scope. The consultant shall prepare an agenda, take minutes, and distribute minutes.
- 1.2 Review background information and any other resources as necessary. Request Design Designation from SDDOT.
- 1.3 Perform site surveys sufficient for design plan preparation. The route and topography survey shall be tied to at least two City of Rapid City Monument Control system monuments utilizing State Plane coordinates and NAVD 88 vertical datum.

Right of way lines will as determined during the previous survey for the West Memorial Park project.

Survey boundary shall approximately a 50’ wide strip along the project route but shall extend to the adjacent street curb line in the event the 50’ strip does not extend that far.

Utilities will be shown as marked by the S.D. One Call service and as previously shown on the West Memorial Park project drawings.

- 1.4 Utilities Base Plan Verification Meeting: The consultant shall send base plans to the private utilities requesting verifications that their utilities are shown correctly per their records.

- 1.5 Geotechnical Evaluation: Excluded from agreement. Assumes Geotechnical Evaluation is not required.
- 1.6 Environmental Clearances, Approvals, and Permits: Excluded from Consultant Scope of Work. City of Rapid City to obtain environmental clearances, approvals, and permits and any other federally required clearances, approvals, or permits per the SDDOT agreement. City of Rapid City to submit approval documentation from the agencies to SDDOT prior to 60% plans being submitted to SDDOT.
- 1.7 Encroachment Survey: Consultant will prepare, submit, and certify an Encroachment Survey to SDDOT.
- 1.8 60% Preliminary Submittal to City of Rapid City

The 60% Preliminary Plans are anticipated to include the following drawings:

- Title Sheet
- Estimate of Quantities Sheet
- Typical Sections Sheet
- Horizontal Alignment Data Sheet
- Control Data Sheet
- Legend Sheet
- Plan and Profile Sheets
- Special Detail Sheets
- Cross Section Sheets

Three (3) copies and a PDF version of the drawings will be submitted to City for review.

Prepare and submit 60% Preliminary Plans Opinion of Probable Cost.

- 1.9 60% Preliminary Submittal review meeting with City staff.
- 1.10 60% Preliminary Submittal to SDDOT

Revise the 60% plans and Opinion of Probable Cost to address review comments from the submittal to the City. Submit the 60% plans and Opinion to Probable Cost to SDDOT in electronic format.

#### TASK 2 - FINAL DESIGN SERVICES:

This task consists of all services necessary to take project from Task 1 Preliminary Design Services through the Final Design Services.

- 2.1 Right of Way and Utility Adjustments or Agreements: Excluded from Consultant Scope of Work. City of Rapid City to certify to SDDOT that all right of way and utility adjustments are in place prior to SDDOT advertisement and letting.
- 2.2 Provide 100% Submittal for Final Review.

Prepare and submit 100% Plans and Opinion of Probable Construction Cost for Final Review.

It is anticipated the 100% plans will include the following sheets.

- Title Sheet with Vicinity Map and Design Designation
- Estimate of Quantities and Environmental Commitment Sheets
- General Notes and Tables Sheets
- Typical Sections Sheet

- Traffic Control Sheets
- Erosion and Sediment Control Sheets
- Horizontal Alignment Data Sheet
- Control Data Sheet
- Legend Sheet
- Plan and Profile Sheets
- Special Detail Sheets
- Standard Plates
- Cross Sections

The total number and/or type of sheets may vary upon final design depending on final project requirements.

Prepare 100% Plans Opinion of Probable Construction Cost.

2.3 Submit 100% Final Design Review documents.

Documents to be uploaded to SDDOT FTP site in PDF format. Notify SDDOT TA coordinator when plans are uploaded.

Provide 3 copies and a PDF version to City of Rapid City.

2.4 Address 100% Final Review Submittal comments.

Provide narrative responses to SDDOT electronic review comments and City of Rapid City comments.

2.5 Prepare and Submit Final Plans for Bid Letting.

Update the 100% Final Review Drawings to 100% Bid Letting Final Plans. Submit the 100% Bid Letting Final Plans to SDDOT FTP in PDF format. Bid letting plans will incorporate the plans changes requested by SDDOT and City of Rapid City during the 100% Final Review.

Update the Probable Construction Cost Estimate for the 100% Bid Letting Final Plans and submit to SDDOT with the plans.

Provide 3 copies and a PDF version of documents to City of Rapid City

Provide checklist of SDDOT Special Provisions.

TASK 3 – BIDDING SERVICES:

Bid letting is the responsibility of SDDOT. Consultant Scope of Work for Task 3 Bidding Services is limited to Task 3.1.

3.1 Respond to questions from SDDOT Bid Letting Office prior to project being advertised and during the advertising period.

TASK 4 – CONSTRUCTION PERIOD SERVICES:

Construction Period services are the responsibility of SDDOT. Consultant Scope of Work for Task 4 Construction Period Services is limited to Task 4.1.

4.1 Respond to SDDOT questions during construction.

ESTIMATED DELIVERABLE DATES

60% Submittal to City of Rapid City: 42 calendar days after Notice to Proceed.

60% Submittal to SDDOT: 14 calendar days after receipt of City 60% Review Comments

100% Final Review Submittal 28 calendar days after receipt of SDDOT 60% Review Comments

100% Final Submittal for Bid Letting: 14 calendar days after receipt of Final Review Comments

Deliverable dates subject to change. Final deliverable dates to be determined as project progresses.

END OF SCOPE NARRATIVE