

**Construction Phase Services
Project No. WRF02-1174**

The City of Rapid City has contracted with McLaughlin Water Engineers, Ltd. (MWE) to provide Construction Phase Services for construction associated with the Water Reclamation Facility (WRF) and the Cocompost Facility.

The main focus of the Construction Phase Services Agreement is for MWE to act as the City's quality assurance representative during construction of the portions of the project listed in the table below. This quality assurance role includes, but is not limited to:

- Daily on-site construction monitoring
- Review of Contractor submittals to ensure compliance with plans and specifications
- Response to Contractor inquiries concerning the plans and specifications
- Review of Applications for Payment
- Preparation of Request for Proposals and Change Orders
- Provide the City with guidance concerning contract disputes
- Material inspection and testing
- Provide assistance and training for equipment and plant start-up
- Develop facility Operation and Maintenance Manual

Construction contracts covered under the MWE agreement include:

Contract/Project	Original Contract Amount	Start Date	Finish Date
WRF Equipment Installation	\$1,245,900.00	August 2001	March 2002
WRF Administration Building	\$1,978,000.00	May 2002	March 2003
WRF Expansion	\$8,500,000.00	May 2002	November 2003
WRF SCADA System	\$440,620.00	September 2002	December 2003
Cocompost Facility	\$7,155,412.00	March 2002	March 2003
Total	\$19,319,932.00		

The amount of the City's current agreement with MWE for these services is \$741,894.00. This amount is 3.84% of the total of the construction contracts. The proposed Amendment No. 1 for this agreement requests an additional \$80,000.00 for these services. The revised total contract amount of \$821,894.00 is 4.25% of the total of the construction contracts. Both of these amounts are below industry guidelines of 5% to 10% for these types of services.

This amendment request is for services provided under the WRF portion of this overall project. These additional services include increased effort in submittal review, response to Contractor's requests for information, development of requests for proposals, on-site construction monitoring and project administration.