

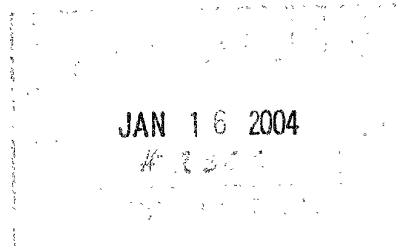
# McLaughlin Water Engineers

an ASCG Company

ENGINEERS • ARCHITECTS • SURVEYORS • PLANNERS

January 14, 2004

Randy Nelson, PE  
City of Rapid City  
600 E Sixth Street  
Rapid City, SD 55702



**RE:** On-Going Start Up Assistance Proposal

Dear Randy:

McLaughlin Water Engineers (MWE) is pleased to submit this proposal for On-going Start Up Assistance at the City's Water Reclamation Facility (WRF). As we discussed in December, the scope of work will include three site visits, office time and expenses. It is estimated that these services will be required for five months, February through June. The following is a more detailed description of the scope:

1. Office engineering will include weekly reviews during the months of February, March, April, May and June of Process Indicator Data that is currently being used by the WRF staff, response to emails, phone calls and project management.
2. The first site visit will be in conjunction with US Filter's return to the site for SCADA completion, which is currently scheduled for February. During this visit, MWE will work with US Filter and with WRF staff concerning SCADA and new facility operations.
3. The second site visit will be in conjunction with the WRF staff's operation of the new UV disinfection system, currently scheduled for late March or early April. The cost for part of this visit will be incurred on the existing project budget task designated as "1-yr Warranty Visit". MWE will assist in equipment check out and continue our work with facility operations.
4. The third and final site visit will be made once Dave VanCleave has returned to his position as Facility Superintendent, which is anticipated to be in June. This visit will be short and is intended to be a project review session with Dave and other facility staff.


It is MWE's understanding that the City wants to issue a separate contract to complete this work. MWE is requesting that the Contract be an hourly rate plus expenses contract, similar to the existing contracts. The attached Table 1



depicts the above scope of work at current contract rates. The outlined work is estimated to cost \$13,200. Please contact us if you have any questions or would like to revise the scope of work.

Very truly yours,

**McLaughlin Water Engineers, Ltd.**

  
Mark Youker

Enclosures: Table 1

cc: Dan Petramala  
Bill Kendall

**TABLE 1  
 WATER RECLAMATION FACILITY ON-GOING PROCESS START UP ASSISTANCE  
 COST ESTIMATE  
 RAPID CITY, SOUTH DAKOTA**

DESCRIPTION OF TASKS	MANAGING	SR. PROJ.	SR.	SR.	SUB-	EXTENDED		
	ENG.	ENG.	RESIDENT INSPECTOR	RESIDENT ENGINEER	CONSULT	EXPENSES	TASK COSTS	
<u>OFFICE ENGINEERING</u>								
1 Project Management				10			\$736	
2 Review of Process Indicator Data			20				\$1,514	
3 Process Control Assistance			20				\$1,514	
4 Emails and Phone Calls		5						
<i>Subtotal</i>								\$3,764
<u>1.6.2.1 PROCESS START UP PROJECT SITE VISITS</u>								
February Trip w/ SCADA work (40 hrs)			40				\$3,028	
April Trip w/ 1 year warranty (16 extra hrs)			16				\$1,211	
June Trip w/ Dave VanCleave on site (24 hrs)				24			\$1,765	
Travel Expenses (3 trips at \$800 per trip)						\$2,400	\$2,400	
<i>Subtotal</i>								\$8,405
<u>SUBCONTRACTORS COSTS</u>								
Scott Lehman & Terry Kenyon						\$1,000	\$1,000	
<i>Subtotal</i>								\$1,000
<b>TOTAL HOURS &amp; COSTS</b>	0	5	96	34	1000	2400		
<b>TOTAL COSTS</b>	\$0	\$530	\$7,268	\$2,501	\$1,000	\$2,400	\$13,169	<b>\$13,169</b>