

RAPID CITY POLICE DEPARTMENT
MEMORANDUM

December 29, 2005

MEMO TO: Chief Craig Tieszen
FROM: Richard Wold, Forensic Examiner
SUBJECT: Gas Chromatograph Mass Spectrometer (GCMS)

I recommend that we accept the low bid (\$51,765.15) from Shimadzu for the "Model QP-2010s EI only Standard Vacuum GC-MS system."

This instrument does have an exception to the bid specification on sensitivity. Other bidders also had this exception. This exception does not prevent the GC-MS system from performing the required analysis.

This instrument does have an exception to the bid specification on vacuum. Other bidders also submitted bids with this exception. This specification was in place to get a high performance vacuum system and probably over-reached on performance vs. cost. This exception does not prevent the GC-MS system from performing the required analysis.

I recommend that we not commit to the purchase of the Extended Maintenance Agreement. This instrument should not have significant repairs for several years after the 1-year warranty runs out. Normal consumable costs, parts, and repairs will have to be included in the annual operating budget. We should be able to show a savings on actual maintenance costs vs. the Maintenance Agreement costs through the first 5 years of system operation. Additionally, we should be able to get maintenance advice and support from the South Dakota School of Mines & Technology Chemistry Department.