00005176

CORRES. CONTROL
OUTGOING LTR NO.

23-RF-1646

DIST.	LTR	ENC
BENEDETTI, R.L.	X	
BENJAMIN, A.		
BERMAN, H.S.		
BRANCH, D.B.		
CARNIVAL, G.J.		
DAVIS, J.G.		
FERRERA, D.W.		
HANNI, B.J.		
HARMAN, L.K.		
HEALY, T.J.		
HEDAHL, T.		
HILBIG, J.G.		
IDEKER, E.H.		
KIRBY, W.A.		
KUESTER, A.W.		
LEE, E.M.		
MANN, H.P.		
MARX, G.E.		
McDONALD, M.M.		
McKENNA, F.G.		
MONTROSE, J.K.		
MORGAN, R.V.		
POTTER, G.L.		
PIZZUTO, V.M.		
RILEY, J.H.		
SANDLIN, N.B.		
SHEPLER, B.L.		
STEWART, D.L.		
SULLIVAN, M.T.		
SWANSON, E.R.		
WILKINSON, R.B.		
WILLIAMS, S. (ORC)		
WILSON, J. M.		
ZANE		
ANDERSON, G.M.	X	X
GREENBAUM, T.C.	X	X
PANTUS, P.W.	X	X
CORRES CONTROL	X	X
TRAFFIC		

CLASSIFICATION:

UCNI		
UNCLASSIFIED	X	
CONFIDENTIAL		
SECRET		

AUTHORIZED CLASSIFIER SIGNATURE

2/11/93 (CMW)
DATE

IN REPLY TO RFP CC NO:

ACT ITEM STATUS
☐ OPEN ☐ CLOSED
☐ PARTIAL

LTR APPROVALS:
MCB:

ORIG & TYPIST INITIALS
DDP:LAA

RF-46469 (Rev. 9/92)

EG&G ROCKY FLATS

EG&G ROCKY FLATS, INC.
ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

February 11, 1993

93-RF-1646

Mr. Thomas C. Mountfort
Riedel Environmental Services, Inc.
Rocky Mountain Region
5850 East 58th Ave., Suite F
Commerce City, CO 80022

OU 2 SURFACE WATER IM/IRA - FIELD TREATABILITY UNIT - MCB-024-93

This is a request to provide a schedule for completing the work referenced below and a cost estimate for all labor and materials with supporting detail for design, procurement, installation and startup of a permanent facility atthe Surface Water Collection Station SW132.

To be included is a final deliverable design report which provides the following task elements (See the attached drawing-Attachment A):

- Select a pump for SW132 to pump water directly to the existing transport line (pipeline from SW61 to storage tank) showing all calculations for total head under maximum pumping conditions and specify a pump and motor for these needs at SW132.

- Select a totalizing flowmeter for SW132 that would be compatible and consistent in type with the existing flowmeters at SW59 and SW61.

- Show all calculations for evaluating the total head under maximum pumping conditions for simultaneous operation of SW59 and SW61 and specify/recommend pumps and motors that will meet the needs.

- Show calculations for the maximum flow velocity in the existing 2-inch transport pipe at maximum pumping conditions (i.e. all three pumps operating at the same time) and make an evaluation relative to the adequacy of the pipe diameter, material, and design.

- Show calculations for maximum amperage demand, power factor, and startup transient of the existing electrical system (including SW59, SW61, SW132) under maximum pumping conditions and make a recommendation relative to the electrical system design including the cable size, type, conduit, electrical switch gear capability at each site, instrumentation, and controls.

REVIEWED FOR CLASSIFICATION/UCNI
By Bea Quinn (CMW)
Date 2-11-93

All Rocky Flats plant regulations, requirements, and policies must be followed in providing the work. The installation must be consistent and compatible with the existing system and the OU 2 Surface Water IM/IRA Plan dated March 8, 1991. Excavation at the site during installation is prohibited.

The final deliverable design report shall include: the design calculations as requested above, recommendations and specifications for the required equipment including cutsheets, and design drawings for the related work. The report shall be prepared under the supervision of an engineer as a final deliverable. The report shall be submitted to Dennis W. Pontius, Building 080 (Interlocken), FOM, and approval of the design report must be obtained in writing from EG&G prior to initiating the installation of the system. We look forward to receiving your proposal and have established a due date of February 19, 1993.

If you have any questions, please contact D. W. Pontius of my staff at extension 8616.

M. C. Broussard
Manager
Facility Operations Management
EG&G Rocky Flats, Inc.

DWP:bbb

Attachment:
As Stated