

Task Order #4 – Service Agreement Between the Nebraska Department of Natural Resources and Board of Regents, University of Nebraska, Nebraska Water Center

TASK: Complete State-wide Test-hole Log Electronic Database

DESCRIPTION OF WORK: 1) Review and refine test-hole locations, 2) cross check land surface elevations of test-holes with current digital elevation model elevations, 3) Add current digital elevation model to the electronic database, 4) extract data from field logs and interpret major stratigraphic units, 5) Add digital geophysical logs to database, 6) complete state wide search for additional test-hole information to be added to the database (to be completed by end of task order).

BUDGET: Attached is detailed budget for expenses that will be incurred in completing the task. The Center will provide resources necessary to complete the above mentioned work. The cost of the task that will be reimbursed by the Department is \$69,921 and will not exceed this amount without further authorization. A detailed budget used to develop this figure is attached.

WORK PRODUCT: Detailed electronic relational database containing information on test holes drilled within the state of Nebraska by the Conservation and Survey Division and other reputable agencies. The database will be accompanied by a Windows-based computer program capable of producing test-hole log reports on a county, natural resources district, or regional basis, as well as producing lithologic, stratigraphic, and geophysical log illustrations for any given set of test holes.

SCHEDULE: Work on this task order may include work commencing by July 1, 2005 and *all work shall be completed by July 1, 2006*. In this particular work order, meeting the schedule is very important.

Ann Bleed

Ann Bleed, Acting Director and Task Order Coordinator

8/26/05

Date

Kyle D. Hoagland

Kyle Hoagland, Director Water Center and Project Manager

9/12/05

Date

COPY

Budget

Staff

Principal Investigator – Jerry Ayers (25% FTE for 10 months)	\$16,974
Geologist -- TBA (100% FTE for 4 months)	18,500
GIS Specialist – Les Howard (35% FTE for 4 months)	6,562
2 Hourly Employees (\$1,600 each per month for 3 months)	9,600
Fringe benefits for PI – Ayers (26%)	4,413
Fringe benefits for GIS – Howard (26%)	1,706
Fringe benefits for Geologist (26%)	4,810
TOTAL SALARIES	\$62,565

Supplies and Materials

(plotter paper, media etc.)	1,000
TOTAL DIRECT COSTS	\$63,565

FACILITIES AND ADMINISTRATIVE (F&A) COSTS

(10%)	6,356
TOTAL COSTS	\$69,921*

* This represents 50% of the level of effort that University personnel will be putting into the process. The Department of Natural Resources does not require documentation of cost share.