

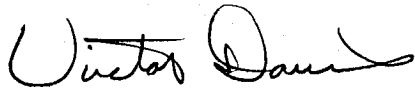
May 27, 1994

K. W. Burnett, LP 2G-C

KINGSTON FOSSIL PLANT - COAL YARD RAINFALL RUNOFF STUDY -
KIF93-1218-P0 - PHASE 1 INPUTS

Attached is Mechanical Auxiliaries input package for the above referenced project. Included is a scope, preliminary engineering sketches, Bill of Material, and Phase 2 and 3 manhours.

If you have any questions, please call D. E. Bohl at extension 7558-C.



Victor Davis
Manager
Mechanical Auxiliaries

VWD:DEB

Attachments

KINGSTON FOSSIL PLANT
COAL YARD RAINFALL RUNOFF STUDY
MECHANICAL AUXILIARIES
PHASE 2 SCOPE

The coal yard sump overflows during heavy rains. This project is to replace the existing pumps and piping with a larger capacity more reliable system. The mechanical scope consists of the following:

- o Provide a new sump and duplex pumping unit complete with control panel. Each pump is rated at 1500 gpm @ 65 feet head. Pump material is CD4MCu due to the low pH (pH=2.4). Sump tank and sump suction piping to be manufactured from acid resistant polyethelene.
- o Provide the level control system complete with a beacon strobe light at the high level alarm. Alarm will only be local.
- o Provide a separate discharge pipe line for each pump. Pipe material to be polyeythene. The discharge piping will terminate at the ash pond drainage ditch.
- o Prepare specifications for procurement: 1 each for the pumps, sump tank and sump suction piping. Includes contract administration.
- o Prepare pump head calculations based on a land survey to be conducted during phase 2.
- o Prepare two new CAD drawings and a bill of material.

ENGINEERING COST INPUT SHEET

PROJECT: KINGSTON FOSSIL PLANT
 FEATURE: COAL YARD RAINFALL RUNOFF STUDY

FISCAL YEAR: 1994
 PHASE 2

CER: KIF93-1218-P0

PCN:

PREPARED BY: D. E. BOHL

ENGG SVCS GROUP:

select one

- FOSSIL ENGINEERING
- HYDRO ENGINEERING SERVICES
- PROJECT ENGINEERING SERVICES
- CLEAN AIR PROGRAM
- OTHER ORGANIZATION: _____
 Est'g, Proj Ctrls, etc.

MAN-HOURS

PDE MANHOURS

Section Name	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Mechanical Auxiliaries										150	200	150	500
												Total	500

TRAVEL : NO. OF PERSON TRIPS

Section Name	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Mechanical Auxiliaries										1		1	2

OTHER DOLLARS (A/E Engineering Work, Est'd M-H's, Quote, Other Basis)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
													0
													0
	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTES: 1. PHASE 3 IS ASSUMED TO BE IN FISCAL '95. PHASE 3 MANHOURS = 40

Approved by: _____

Date: _____