



February 3, 1989

Ms. Joanna Cason
416 Centre Street
Fernandina Beach, Florida 32034

RE: Detention Center
Bar Screen Installation & Evaporation/Pecolation pond
Expansion
PHA Project No. 8781-5

Dear Ms. Cason:

This proposal is submitted in accordance with our Agreement for Professional Services between Nassau County (Owner) and Pitman-Hartenstein & Ashe, Inc., Engineers (Engineers) dated November 17, 1987. Upon approval, this will serve as Project Authorization and become part of our Agreement.

SCOPE OF WORK

Services During Construction

Pitman-Hartenstein & Ashe, Inc. will provide Nassau County contract administration during construction of the bar screen. These services will begin upon contract authorization and end upon final contract payment.

Services will include:

- * Periodic construction inspections
- * Shop drawing reviews
- * Pay request reviews and approval
- * Final Inspection

We will also provide construction phase services relative to the Expansion of the Evaporation/Percolation pond which the County will construct utilizing County personnel. These services will include survey staking for land clearing, off set staking for toe of berm, setting bench mark and performing As-built survey. We will assist your staff on review of materials, soil testing results and provide general consulting on an as needed basis.

The above services include periodic meetings with the County and up to 2 site visits per week.

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METHOD OF PAYMENT

The services for this project shall be performed on an hourly basis plus reimbursable expenses and on the following schedule of rates:

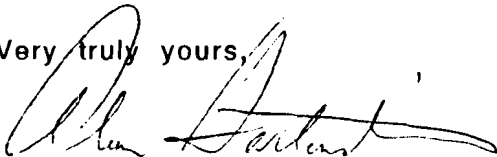
Principal	\$85.00/hr
Project Manager/Senior Engineer	\$65.00
Engineer/Senior Draftsman	\$55.00
Designer	\$50.00
Drafter/CADD	\$30.00
Secretary/Word Processor	\$20.00
Mileage	\$ 0.25/mi
Survey Crew (3 man)	\$90.00/hr

The estimated upset limit for the proposed services is:

Bidding Phase	
Construction Phase	(Bar Screen) \$10,505.00
	(Pond) <u>3,063.00</u>
TOTAL	\$13,568.00

Thank you for the opportunity to work for and with Nassau County. We look forward to the successful completion of the project.

Very truly yours,



Alan Hartenstein, P.E.
Vice President

AH/lk

APPROVAL


Nassau County

DATE: 2-28-89

NASSAU COUNTY DETENTION CENTER
FEE ESTIMATE

I CONSTRUCTION PHASE (Bar Screen)

Item	Prin.	P.M.	Draft	Secty.
A. Shop Drawings				
1. Mechanical Bar Screen	1	7		2
2. Manual Bar Screen		3		2
3. Reinforcing	1	6		2
4. Concrete		4		2
5. Misc. Metals		6		2
6. Elect. Control Panel	2	9		2
7. Soil Testing		3		2
8. General	2	6		2
B. Pay Estimates	8			4
C. Inspection				
Field Inspection				
4 visits x 6 hrs.	24			6
Final Inspection	8			8
Certifications	16			10
Misc. Meetings	8			4
	70	53		48
70 x \$85.00 =				\$5,950.00
53 x \$65.00 =				3,445.00
48 x \$20.00 =				<u>960.00</u>
				\$10,355
Mileage 300 x \$0.25				\$75.00
Copies, Prints & Misc.				<u>75.00</u>
				\$10,505.00

II CONSTRUCTION PHASE (PONDS)

Prin.	8	General Consulting
P.M.	6	Surveys
Secy.	4	
Survey	20	

8 x \$85.00 = \$680.00

6 x \$65.00 = 390.00

4 x \$20.00 = 80.00

20 x \$90.00 = 1,800.00

\$2,950.00

Mileage 250 x \$0.25 = \$63.00

Misc. 50.00

\$3,063.00

Construction(Bar Screen) \$10,505.00

Construction(Ponds) \$3,063.00