

APPENDIX NO. 2
TO THE AGREEMENT
between
The American Institute in Taiwan
and the
Coordination Council for North American Affairs
for
Technical Assistance
in
Dam Design and Construction

1. Purpose of Appendix

This Appendix provides for the following services to be performed by the American Institute in Taiwan (AIT) for the Coordination Council for North American Affairs (CCNAA) under the Agreement:

- a. A forty-hour value engineering training course.
- b. A thirty-two hour Cavitation training course.

2. Cost of Services

The total cost of services under this Appendix is \$48,807. A summary of the costs is attached.

3. Financial Provisions

Payments and other financial arrangements shall be as set forth in Article VII of the Agreement.

4. Duration

This Appendix will become effective upon the date of the last signature hereafter of the representatives of CCNAA and AIT and will remain in effect until the services described herein, or as amended, are completed. Either party may terminate this Appendix as provided for in Article XI of the Agreement.

For: Coordination Council
for North American
Affairs

For: American Institute
in Taiwan

Name George K. Lee

Name James B. Kle

Title Director of Science Div.

Title Corporate Secretary

Date Oct 26, 1988

Date October 26, 1988

ATTACHMENT

Cost Estimate for Value Engineering Course

1. Contractor Costs:

Contractor: Certified Value Specialists
821 N.W. Flanders
Portland OR 97209

Course to be provided is a 40-hour SAVE (Society of American Value Engineers) approved workshop.

Estimated Personnel Time Requirements:

Syllabus review and preworkshop organization	65 hours
Travel time (2 instructors)	60 hours
Direct labor (2 instructors)	80 hours
Total time	<u>205 hours</u>

Hourly costs:

Base pay (\$30/hour)	\$30.00
Overhead (106 percent)	31.80
Profit (10 percent of base pay + overhead)	6.18
Total hourly costs	<u>\$67.98,</u> Say \$68.00/hour

Training costs:

Personnel (\$68/hour x 205 hours)	\$13,940	
Text (\$25/text x 30 students)	750	
Miscellaneous materials	150	
Special printing, stenographic services, miscellaneous workshop charges	<u>250</u>	
Workshop costs	\$15,090	
Transportation (2 x \$2,000)	4,000	
Per diem (2 x 8 days x \$157/day)	<u>2,512</u>	
Subtotal	\$21,602	
Contract administrative costs (10 percent)	<u>2,160</u>	
Total	\$23,762	\$23,762

2. Bureau of Reclamation Employees:

Staff-day costs:

Gary W. Long	\$372/staff-day
Chih Ted Yang	<u>395/staff-day</u>
Costs per staff-day	\$767/staff-day

Training costs:

Workshop (5 days x \$767)	\$3,835	
Travel (3 days x \$767)	<u>2,301</u>	
Salary costs	\$6,136	
Transportation (2 x \$2,000)	4,000	
Per diem (2 x 3 days x \$157/day)	<u>2,512</u>	
Subtotal	\$12,648	
Reclamation administrative overhead (15 percent)	<u>1,897</u>	
Total	\$14,545	<u>14,545</u>
3. <u>Total Estimated Costs for Value Engineering Training:</u>		<u>\$38,307</u>

Cost Estimate for Cavitation Course

1. Estimated Costs:

Use estimated salary costs of \$400/staff-day

Course preparation (8 x \$400)	\$3,200	
Course (4 x \$400)	1,600	
Travel (3 x \$400)	<u>1,200</u>	
Subtotal	\$6,000	
Transportation (1 x \$2,000)	2,000	
Per diem (1 x 7 days x \$157/day)	<u>1,099</u>	
Subtotal	\$9,099	
Miscellaneous	31	
Subtotal	<u>\$9,130</u>	
Reclamation administrative overhead (15 percent)	<u>1,370</u>	
Total	\$10,500	
2. <u>Total Estimated Costs for Cavitation Course:</u>		<u>\$10,500</u>

Total Estimated Costs for Training under Appendix No. 2

Cost estimate for value engineering course	\$38,307
Cost estimate for cavitation course	<u>10,500</u>
Total estimated costs	<u>\$48,807</u>