

法規名稱：(終)APPENDIX NO.4 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 (AD.1990.3.9)

終止日期：民國 91 年 07 月 13 日

1 Purpose of Appendix

This Appendix provides funding for the following services to be provided to the Coordination Council for North American Affairs (CCNAA) by the American Institute in Taiwan (AIT) representative, the Bureau of Reclamation (Reclamation), under the AGREEMENT:

a A conceptual review of the Report on Safety assessment of the Tsengwen Dam and Appurtenant Structures.

b An indepth dynamic analysis of the embankment.

2 Estimated Cost Services

The total estimated cost for services provided under this Appendix is US \$27,000.00 (twenty-seven thousand U.S. dollars). An itemized summary of the estimated costs is enclosed.

3 Financial Provisions

Payments and other financial arrangements shall be as set forth in Article VI of the AGREEMENT.

4 Duration

This Appendix will become effective upon the date of the last signature of the duly authorized representatives of AIT and CCNAA, 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 XII of the AGREEMENT.

5 Authorizing signatures:

For AIT

[Signed]

Name: Clarke N Ellis

Title: Deputy Managing

Director

Date: March 9, 1990

For: CCNAA

[Signed]

Name: Mou-Shih Ding

Title : Representative

Date: March 9, 1990

TSENGWEN DAM CONCEPTUAL REVIEW AND DYNAMIC ANALYSIS

It is estimated that 28 staff-days will be required to complete a conceptual review of the Tsengwen report. At a cost of US\$600 per staff-day, which includes all overhead and administrative support expenses, the total estimated cost for the review is US\$16,800 (sixteen thousand eight hundred U.S. dollars). The review will be conceptual in nature. The technical methodology, approach, assumptions, and conclusions will be reviewed. No computations will be made. Areas where further information is required for indepth analyses will be delineated.

It is estimated that an additional 17 staffdays will be required for an indepth dynamic analysis of the dam embankment. At a cost of US \$600 per staff-day, the total estimated cost for the analysis is US\$ 10,200 (ten thousand two-hundred US dollars).

The total estimated cost to the CCNAA for the services provided by AIT's designated representative, the Bureau of Reclamation, is US \$27,000 (twenty-seven thousand U.S. dollars).

ITEMIZED STAFF-DAY ESTIMATES

	Staff Days	.Estimated costs
services Performed		
I. Conceptual Review		
A Embankment Dam		
1 Dynamic Analysis	8	\$4,800
2 Static Review	2	1,200
B Hydraulic and Structural Design		
1 spillway Diversion Works, Powerplant, River Outlet Works, and Tungkou Weir	10	6,000
C Hydrology	3	1,800
D Geology and Seismicity	3	1,800
E Landslide Generated Waves	2	1,200
Subtotal	28	16,800
II In-Depth Dynamic Analysis		
A Dynamic Analysis of the Embankment	17	10,200
Total	45	\$27,000