

**法規名稱：**APPENDIX NO.2 WITH BUDGER ATTACHMENT TO THE AGREEMENT BETWEEN THE AMERICAN INSTITUTE IN TAIWAN AND THE COORDINATION COUNCIL FOR NORTH AMERICAN AFFAIRS DATED APRIL 20, 1988 (AD.1989.10.11)

**簽訂日期：**民國 78 年 10 月 11 日

**生效日期：**民國 78 年 10 月 11 日

1 PURPOSE

This Appendix replaces Appendix No. 1, dated April 20, 1988, which is declared void.

2 SCOPE OF WORK :

AIT will provide the following services to CCNAA under the expanded scope of the project: fabricate four SINGLE CAVITY RF SYSTEMS with each system contained in a set of racks including all intrarack wiring. One system will be modified to operate in the booster synchrotron, three systems will be modified to be used in the storage ring. Additionally a set of critical spare modules will be provided. The following lists of drawing of existing SLAC designs will form the basis of the project :

ONE CAVITY LOW-LEVEL RF SYSTEM :

Tuner Driver	Phase Detector	Station Phase Shifter
Gap Voltage Contr.	Local Oscillator Fan Out	
Servo Amplifier	RF Attenuator	Phase Lock Amplifier
Phase Lock Amplifier	Nulling Phase Shifter	
Reflected Power Detector		Kly.Phse Shifter
Arc Detector	Amplitude Detector	Monitor Phase Shifter

RF STATION CONTROL SYSTEM:

Nim Chassis	Nim Interface	Tuner PS
Low-Level PS	RF Display	RF Station Controller



Aualog Distrib. (IN) Analog Distrib.(OUT) Local Remote Switch  
Monitor panel Miscellaneous Parts

ADDITIONAL ITEMS FOR STORAGE RING RF SYSTEM INCLUDING DISTRIB :

Sta. Phase Shifter 2x4 Way Divider 4-way Ddvider  
Phase Detector Local Oscillator Local Oscillator  
FanOut  
Fast Phase Shifter Synchrontron Oscillation Detector  
Nim Crate Nim Interface

ADDITIONAL ITEMS FOR BOOSTER SYNCHROTRON ;

Track / Hold Ramp Attenuator Local Oscillator

SPARE LOW-LEVEL RF MODULES :

Tuner Drive Phase Detector Servo Amplifier  
Track / Hold RF Attenuator Reflected Pwr Detector  
Arc Detector Local Oscillator Local oscillator FanOut  
Synchrotron Oscillation Detector Coaxial switch

ENGINEERING / DRAFTING / TESTING :

RF Modules Engineering RF Modules Documentation  
Rack Desigb Rack Documentation  
Module Testing

3 SCHEDULE:

MONTH	1	2	3	4	5	6	7	8	9	10	11	12
DESIGN	X	X	X	X	X							
FABRICATION						X	X	X	X	X	X	
TESTING							X	X	X	X		

4 COST OFSERVICES :

The estimated total cost of services under this Appendix is U. S.\$ 789,300.00. A breakdown of the cost is attached. From the total cost there will be deducted the amount of U.S. \$324,350.00, the amount already made available by CCNAA to AIT pursuant



to Appendix No. 1 to the Agreement. The net cost to CCNAA pursuant to the provisions of Appendix No. 2 will, therefore, be U.S.\$464,950.00. Payment for the services' provided under this Appendix shall be as set forth in Article IV of the Agreement.  
5 EFFECTIVE DATE :

This Appendix will become effective upon the date of the last signature hereafter of the representatives of CCNAA and AIT and remain in effect for the duration of the Agreement.

FOR	:Coordination Council for	FOR	: American Institute
	North American Affairs		in Taiwan
NAME	: [Signed]	NAME	: [Signed]
TITLE	:Representative	TITLE	:Deputy Managing Director
DATE	: October 11, 1989	Date	: Oct. 11, 1989