

4	23	Drop Tester and Electric Hook :DT-100	1990/7	2,711	1
	24	Shock Test System :SQ-900	1990/7	24,063	1
	25	Inclined Plane Tester :JST-1200	1990/7	8,120	1
	26	Acceleration Measuring System :BA-H-10G	1990/7	5,295	1
	27	Impact Recorders :FIR	1990/7	8,295	3
	28	Vibrating Accelerometer :SS-3	1990/7	3,505	2
	29	Thermo-Humidity Measuring System :THL	1990/7	2,142	3
	30	Drop Dynamic Testing Machine for Cushioning Materials :CST-320SB	1990/7	5,340	1
	31	35mm SLR Camera :DYNAX 70001	1990/7	163	1
	32	Load Measuring Meter :CL-B-2,F420	1990/8	401	1
	33	Sprinkle Chamber	1990/7	8,300	1
	34	Fork Lift Truck :KOMATSU FB20-3	1991/6	2,740	1

4	35	Hand Pallet Trucks :CP-75-100	1991/6	220	2
General	36	Overhead Projectors :HP-2700 SOLAR	1990/8	800	2
	37	Spare Lamps for OHD 575W	1990/8	190	2
	38	Tripod Screens :HS-3	1990/8	80	2
	39	Slide Projectors :AF-II	1990/8	430	2
	40	Spare Lamp for Slide Projectors	1990/8	8	4
	41	Circle Tray for Slide Projectors	1990/8	10	4
	42	Carrying Case for Slide Projectors	1990/8	45	2
	43	Compact VHS Video Movie :CR-60EG	1990/8	240	1
	44	VHS Triple-System Video Cassette Recorder :BH-6400TR	1990/8	470	1
	45	Color Video Projector	1990/8	1,410	1

46	Copy Machine : FT-5560	1991/7	1,070	1
47	Portable PA with Wireless-Tuner: SS-Z30	1991/7	275	1
48	Self Powered Speaker 30Y	1991/7	130	1
49	Boardfax : KISS-10	1991/7	270	1
50	Automobile (station wagon)	1991/7	1,480	1
51	Color Monitor 20" TV : TM-20PSN	1991/7	180	1

M

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Expenses by the Japanese Side

(Unit: Thousand Yen)

Japanese Fiscal Year	1989	1990	1991	1992	TOTAL
Dispatch of Teams	5,722	4,947	5,296	9,257	25,222
Dispatch of Experts *	6,460	39,116	49,717	** 24,994	120,287
Acceptance of Training Participants	3,871	0	10,864	** 2,661	17,396
Provision of Equipment	52,800	341,539	17,444	** 20,000	431,783
TOTAL	68,853	385,602	83,321	56,912	594,688

* The expense for Dispatch of Experts includes the value of the equipment carried by Japanese experts and local cost.

** The expenses for Dispatch of Experts and Acceptance of Training Participants in 1992 show figures for the first half of the year, and the expense of Provision of Equipment is an expected amount.

Construction of the Workshop

1989

March

The office house was still under construction when the Implementation Survey Team arrived in Argentina. It was confirmed that the plant and laboratory were scheduled to complete by December.

September

Under the Economic Emergency Law, the subsidy and grant were discontinued.

October

The office house was completed.

November

The execution of the building construction budget was approved temporarily under a Presidential order. In response to this, INTI embarked on the procedures for the invitation to tenders, the selection of constructors and the execution of contracts. During this process, however, it was pointed out that the entire process might be contrary to the Economic Emergency Law.

1990

February

A Presidential order to discontinue all the new government-related civil engineering works was issued, and the promotion of the Project was suspended.

September

As a temporary measure, the modification work for the machinery house was started so that part of it could be used.

Under a new law (draft), the disbursement of the governmental grant was approved.



October

It was so confirmed with the Consultation Team that the plant be constructed by gaining financial cooperation from private packaging organization and the laboratory be constructed by using the governmental budget.

December

The temporary laboratory was completed excepting the air-conditioning and some other systems.

1991

January - February

The short-term experts for the installation of machinery in the temporary laboratory were dispatched.

March

The foundation work for the plant started.

October

The plant completed except for the interior and some other works. The short-term experts for the installation of machinery in the plant were dispatched.

November

It was so confirmed with the Consultation Team that budget for the construction of the permanent laboratory be disbursed in December and that construction work be completed in approximately one year after the disbursement.

1992


June

A confirmation was given by INTI that the execution of the budget for the construction of the permanent laboratory became possible because of the decision made by the Ministry of Economy.

My (S)

Staffing in the Project

<u>Name</u>	<u>Title</u>	<u>Inaugural Date</u>	<u>Speciality</u>
1. LIC. Marta GALAK	General Manager Plastic Research Center	1987 Oct.	(CITIP) Plastic
2. ING. Ricardo GIMENEZ	Deputy General Manager Plastic Research Center	1989 Mar.	Plastic
3. Srta. Marta RUBIO	Manager Technical Management Dept.	1987 Oct.	Plastic
4. ING. Alejandro ARIOSTI	Jef Packg Div.	1987 Oct.	Plastic
5. LIC. Marcelo GARRIGOS	Pilot Plant	1987 Oct.	Plastic
6. ING. Nora SHICCHI	Jef Phys Laborat	1989 Mar.	Plastic
7. DRA. Lucia LA MEXZA	Jef Polym Degra	1990 Mar.	Plastic
8. LIC. Maria FERNANDES de MARCHINI	Packaging Div.	1988 May	Plastic
9. ING. Maria Isabel SANSEAU	Pilot Plant	1990 Sep.	Plastic
10. LIC. Gabriela F. de SOLDATI	Chem Div.	1990 Mar.	Plastic
11. Sr. Jorge Pablo APHALO	Plys Laborat	1991 Sep.	Plastic

pkj


12. LIC. Susana BERTOLON de SUCATTE	Tec. Director CICELPA	1987 Oct.	CICELPA Pulp & Paper
13. ING. Ricardo REPETTI	Sub-Director CICELPA	1990 Mar.	Pulp & Paper
14. ING. Hugo VELEZ	Jef Process Div.	1990 Mar.	Pulp & Paper
15. Sr. Alfonso ANDREI	Physical Labo	1987 Oct.	Pulp & Paper
16. LIC. Alicia VARELA	Jef Chem Div.	1990 Mar.	Pulp & Paper
17. Sr. Marcelo CASTIGLIA	Physical Labo	1991 June	Pulp & Paper
18. ING. Carlos LOMO	General Manager CITENEM Packg. Tec. Center	1992 June	Transport Packaging
19. LNG. Hebe HERRERA COMOGLIO	Deputy General Manager Packg. Tec. Center	1992 June	Quarity Control
20. Sr. Juan Jose BOGGIATO	Pilot Plant	1992 June	Machinery Engineer
21. Sr. Sergio HEREDIA	Transport Labo	1992 June	Transport Testing
22. Sr. Sergio GUAZZOTTI	Process Labo Transport Labo	1992 June	Transport Testing
23. ING. Juan Jose NYOHENA	Transport Labo	1992 June	Transport Testing
24. ING. Patricia SLAPAK	Transport Labo	1992 June	Transport Testing

My (S)

25. LIC. Marina MIGUEZ	Tec. Director CIEPS	1990 Mar.	Metal
26. ING. Alicia NINO GOMEZ	Sub-Director CIEPS	1990 Mar.	Metal
27. Sr. Carlos PARINI	Jef Packing Div.	1990 Mar.	Metal
28. Sr. Diego MENENDEZ	Packing Div.	1990 Mar.	Metal
29. DR. Eduardo MARI	Tec. Director CIIM	1987 Oct.	Vidrios Glass
30. ING. Patricia PERRONE	Glass Div.	1988 Oct.	Vidrios Glass
31. ING. Isabel FRAGA	Tec. Director Chromat CISCOE	1987 Oct.	Chemistry & Analysis
32. LIC. Graciela FREY	Gas Chromat	1987 Oct.	Chemistry & Analysis
33. LIC. Marta EPPINGER	Jef Microb Lab CITIL	1990 July	Dairy Food Analysis
34. ING. Maria Angelica BIANCHI	Jefe- R & D CITECA	1988 Oct.	Food Development
35. LIC. Delia KRIYORUCHKO	Jefe - R & D DTA	1991 Aug.	Food Development

Am/ (5)

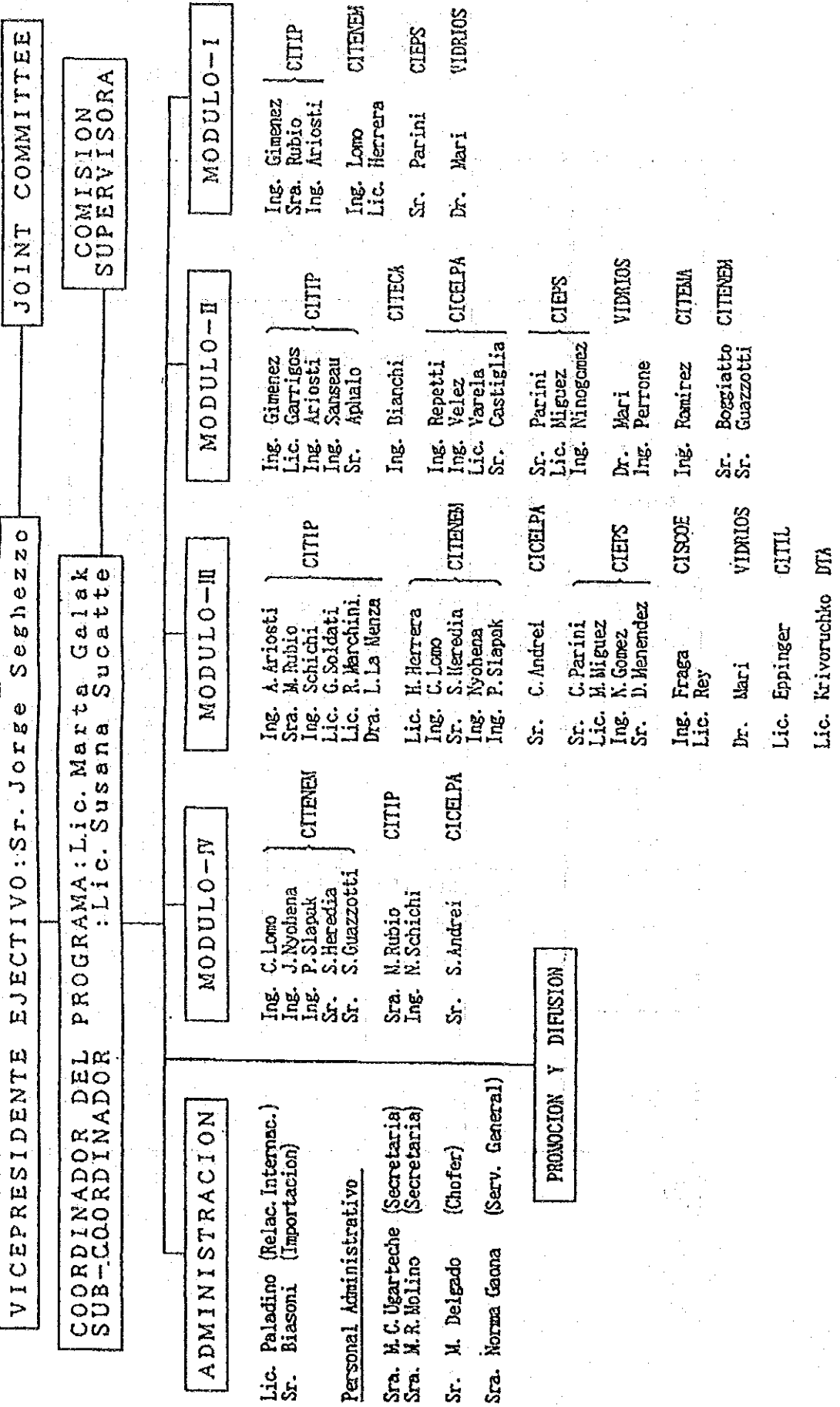
Expenses by the Argentine Side

(Unit: US \$)

Japanese Fiscal Year	1988	1989	1990	1991	1992	TOTAL
Articles of Consumption	1,000	1,000	25,000	30,000	175,000	232,000
Building	90,000 (Office House)	120,000 (Office House)	34,000	340,000	(530,000) (Budget Amount)	1,114,000
Salary	3,000 (2 Persons)	14,000 (30 Persons)	640,000 (Counter-parts)	640,000 (Counter-parts)	640,000 (Counter-parts)	1,937,000
Utilities & Others	0	6,600	0	0	0	6,600
Management	1,000	0	25,000 (Car & Driver)	35,000 (Car & Driver)	25,000 (Car & Driver)	86,000
TOTAL	95,000	141,600	724,000	1,045,000	1,370,000	3,375,600

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Organization Chart
for the Implementation of the Project



Evaluation Sheet

Module 1

Evaluation Items	Score		Evaluation				Note
	Japanese Team	Argentine Team	A	B	C	D	
Packaging Planning (25)	23	20	O				
Relation between Package Design and Materials (25)	23	20	O				
Relation between Package Design and Marketing (20)	18	15	O				
Methods of Package Design(25)	20	20		O			
Plate-Making, Printing (5)	0	0				O	
Total (100)	84	75					

* Narrative Description	During the period of the Project, JICA will supply the technical information about resistance of printing, testing method of it and labels.
Total Judgement	A (84.5) Add 5 Points

* Maximum 10 point were added to or reduced from the total marks based on the narrative description.

My (5)

Module 2 & 3

Evaluation Items	Score		Evaluation				Note
	Japanese Team	Argentine Team	A	B	C	D	
General Information on Packaging for Food Preservation (10)	10	10	O				
Retort Packaging Technology (10)	8	10	O				
Gas Exchange Packaging Technology (10)	7	8		O			
Knowledge of Packaging Materials (10)	10	10	O				
Laminated Technology (10)	8	10	O				
Testing Methods for Quality Control & Evaluation (10)	10	10	O				
Safety & Sanitation (10)	6	7		O			
Operation & Application of Equipments (10)	10	10	O				
Maintenance of Equipments (10)	10	10	O				
Management of Organization and Laboratory (10)	6	5			O		
Total (100)	85	90					

* Narrative Description	INTI is now organizing the Technical Unit concerning packaging technology exclusively.
Total Judgement	A (92.5) Add 5 Points

* Maximum 10 point were added to or reduced from the total marks based on the narrative description.

Annex 16

Module 4

Evaluation Items	Score		Evaluation				Note
	Japanese Team	Argentine Team	A	B	C	D	
General Information on Transport Packaging (10)	8	10	O				
Transport Packaging Design (10)	7	8		O			
Testing Methods of Packaging (10)	10	10	O				
Collection and Analysis of Data (10)	8	9	O				
Standardization (10)	7	6		O			
Simulation Test for Transport Packaging (10)	8	9	O				
Cushioning Design and Technology (10)	7	8		O			
Operation & Application of Equipments (10)	10	10	O				
Maintenance of Equipments (10)	10	10	O				
Management of Organization and Laboratory (10)	6	5			O		
Total (100)	81	85					

* Narrative Description	(1) Delay of construction of laboratory building affected the plan and development of the Project. (2) INTI is now organizing the Technical Unit concerning packaging technology exclusively.
Total Judgement	A (88) Add 5 Points

* Maximum 10 point were added to or reduced from the total marks based on the narrative description.

Annex 17

Storage, Maintenance and Operation of Machinery & Equipment

Module	No	Equipment & Facility	Month/Year of Supply	Price (1000YEN)	Place of Storage	Maintenance	Operation
2	1	Dry Laminator for Testing Plant :L2-080	1991/8	48,560	Planta-piloto	A	A
	2	Heat Sealing Machine for film :TP-701	1991/6	2,100	*	A	A
3	3	Coater for Metallic Sheets :Cat. No. 113	1991/6	6,455	CIEIP	A	A
	4	Gas Pack Machine (film) :FG-400E-SG	1991/6	1,240	Planta-piloto	A	A
	5	Compression Molding Machine :TVF-2	1991/6	4,640	*	A	A
	6	Gas Pack Machine (rigid) :N2C-1	1991/6	3,840	*	A	A
	7	Calendering for Doextrusion Sheet :CA-1000-55-50-50-TW	1991/8	128,000	*	A	A
	8	High Performance Liquid Chromatograph for GPC Analysis	1990/7	21,000	CIIIP	A	A
	9	Ultrasonic Thickness Meter :UTM-1	1990/7	610	*	A	A
	10	Portable Oxygen Analyzer :570A/712	1990/7	730	*	A	A

5


3	11	Gas Chromatograph with Head Space Analysis:GC-14A	1990/7	7,080	QUINIC	A	A
	12	Water Vapor Permeation Tester :L80-4000	1990/8	7,490	CITIP	A	A
	13	Tin Coating Analyzer :IV-LT	1990/7	3,110	CIEIP	A	A
	14	Can Quality Control Equipment :WACO	1990/12	840	*	A	A
	15	Electro-Magnetic Coating Thickness Measuring Meter :SM-100	1990/7	160	*	A	A
	16	Hot End Coating Meter	1990/12	3,640	CITM	A	A
	17	Sidewall Distribution Analyzer	1990/12	4,910	*	A	A
	18	Ramp Pressure Tester	1990/12	6,580	*	A	A
	19	Chrom Coating Analyzer :IV-G	1990/12	2,850	CIEIP	A	A
4	20	Low Temp/Regulating Chamber Temp/Humidity Regulating Chamber	1990/7	21,090	Plata-A	A	A
	21	Compression Tester :TS-5	1990/8	7,700	*	A	A
	22	Vibration Testing System :G-9210	1990/8	18,730	*	A	A

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4	23	Drop Tester and Electric Hook :DT-100	1990/7	2,711	*	A	A
	24	Shock Test System :SQ-900	1990/7	24,063	*	A	A
	25	Inclined Plane Tester :JST-1200	1990/7	8,120	* u	A	A
	26	Acceleration Measuring System :BA-H-10G	1990/7	5,296	*	A	A
	27	Impact Recorders :FIR	1990/7	8,295	*	A	A
	28	Vibrating Accelerometer :SS-3	1990/7	3,505	*	A	A
	29	Thermo-Humidity Measuring System :THL	1990/7	2,142	*	A	A
	30	Drop Dynamic Testing Machine for Cushioning Materials :CST-320SB	1990/7	5,340	*	A	A
	31	35mm SLR Camera :DYNAX 70001	1990/7	163	*	A	A
	32	Load Measuring Meter :CL-8-2, F420	1990/8	401	*	A	A
	33	Sprinkle Chamber	1990/7	8,300	*	A	A
	34	Fork Lift Truck :KOMATSU FB20-3	1991/6	2,740		A	A

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4	35	Hand Pallet Trucks :CP-75-100	1991/6	220	*	A	A
General	36	Overhead Projectors :HP-2700 SOLAR	1990/8	800	CITENEN	A	A
	37	Spare Lamps for DHD 575H	1990/8	190	*	A	A
	38	Tripod Screens :HS-3	1990/8	80	*	A	A
	39	Slide Projectors :AF-II	1990/8	430	*	A	A
	40	Spare Lamp for Slide Projectors	1990/8	8	*	A	A
	41	Circle Tray for Slide Projectors	1990/8	10	*	A	A
	42	Carrying Case for Slide Projectors	1990/8	45	*	A	A
	43	Compact VHS Video Movie :CR-60EG	1990/8	240	*	A	A
	44	VHS Triple-System Video Cassette Recorder :6H-6400TR	1990/8	470	*	A	A
	45	Color Video Projector	1990/8	1.410	*	A	A

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General	46	Copy Machine : FT-5560	1991/7	1,070	*	A	A
	47	Portable PA with Wireless-Tuner: SS-230	1991/7	275	*	A	A
	48	Self Powered Speaker 30W	1991/7	130	*	A	A
	49	Boardfax : KISS-10	1991/7	270	* b.	A	A
	50	Automobile (station wagon)	1991/7	1,480	*	A	A
	51	Color Monitor 20" TV : TM-20PSN	1991/7	180	*	A	A

Noticed * A : Excellent
 B : Good
 C : Fair
 D : Poor

付 属 資 料 2

ミニッツ

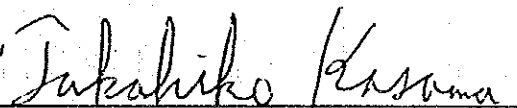
MINUTES OF MEETING
BETWEEN THE JAPANESE EVALUATION TEAM
AND THE AUTHORITIES CONCERNED OF
THE GOVERNMENT OF THE ARGENTINE REPUBLIC
ON THE JAPANESE PROJECT-TYPE TECHNICAL COOPERATION
FOR THE PACKAGING TECHNOLOGY PROGRAMME
IN THE ARGENTINE REPUBLIC

The Japanese Evaluation Team (hereinafter referred to as "the Japanese Team") organized by the Japan International Cooperation Agency (hereinafter referred to as "JICA") and headed by Mr. Takahiko Kasama, Deputy Director, Technical Cooperation Division, Mining and Industrial Development Cooperation Department, JICA visited the Argentine Republic from October 10 to 17, 1992, for the purpose of evaluating jointly with the Argentine Evaluation Team the achievement of the Japanese Technical Cooperation for the Project on the Packaging Technology Program (hereinafter referred to as "the Project") on the basis of the Record of Discussions signed on March 31, 1989 (hereinafter referred to as "the R/D") .

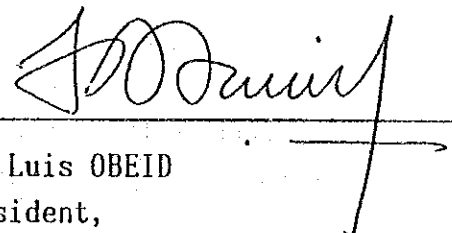
After the Joint Evaluation of the Project, the Japanese Team discussed with the authorities concerned of the Argentine Republic over the matters for the successful implementation of the Project.

As a result of the discussions, both sides mutually agreed upon the matters referred to in the document attached hereto.

Buenos Aires, October 16, 1992



Mr. Takahiko Kasama
Leader,
Japanese Evaluation Team,
Japan International Cooperation
Agency,
Japan



Dr. Luis OBEID
President,
National Institute of Industrial
Technology,
The Argentine Republic

THE ATTACHED DOCUMENT

1. Recognition of the Joint Evaluation Report

The Joint Committee recognized the Joint Evaluation Report submitted by both Evaluation Teams.

2. Input to the Project during the technical cooperation from now on



(1) Japanese side

- ① To dispatch 2 short-term experts for Module-2
- ② To dispatch 3 short-term experts for Module-4 on condition that JICA can dispatch them from the middle of March, 1993.
- ③ To accept two counterpart personnel (Module-4) for the training in Japan
- ④ To provide the machinery and equipment within the budget

(2) Argentine side

- ① To construct the laboratory for the Module-4 so that JICA can dispatch short-term experts for installation, adjustment and operation trial of the equipment from the middle of March, 1993.
- ② To inform the situation of progress regarding the construction of the building of Module-4 to the Japanese side at the middle of Dec., 1992.
- ③ To send the corresponding 5 A-1 forms to reach Japan by the end of Oct., 1992.

3. The Argentine side requested new cooperation in packaging from Japan and the Japanese Team accepted to forward it to the Japanese authorities concerned and to discuss and study it.

LIST OF ATTENDANTS

1. Japanese side

(1) Japanese Evaluation Team

Mr. Takahiko Kasama	Leader
Mr. Mototaka Tanaka	Technical Cooperation Planning
Mr. Teruhiko Kawabata	Evaluation Planning
Mr. Hajime Furuya	Packaging Technology
Mr. Minoru Toyoda	Equipment Maintenance and Operation

(2) Japanese Experts

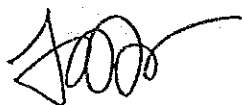
Mr. Kyosuke Sato	Chief Advisor
Mr. Munehiko Hiraoka	Coordinator

(3) JICA Argentine Office

Mr. Shigeo Umetani	Resident Representative
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(4) Embassy of Japan

Mr. Toshihide Matsui	First Secretary
----------------------	-----------------



2. Argentine side

(1) Argentine Evaluation Team

Ing. Patricia MARINO (Leader)
Ing. Jorge E. SCHIARITTI (Directive Council, INTI)
Dra. Norma FELIX DE STURLA (Secretariat of Industry and Commerce)
Dr. Enrique GRÜNHUT (International Relations and Projects)
Mr. Eduardo V. CIMINO ROSSI (Packing & Packaging Foundation)

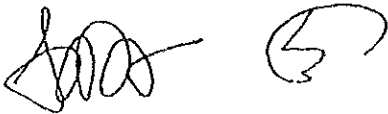
(2) Joint Committee

I) INTI

Dr. Luis OBEID (President)
Eng. Patricia MARINO (National Director of Manufacturing Industries)
Lic. Marta GALAK (Coordinator of Packaging Technology Program)
Lic. Susana SUCATTE (Sub-Coordinator of Packaging Technology Program)
Dr. Enrique GRÜNHUT (Chief of International Relations and Projects)
Lic. Guillermo PALADINO (International Relations and Projects)

II) Private Sector

Dr. Eduardo Cimino Rossi (Vicepresident of Packaging Foundation)

Handwritten signatures and initials, including a large signature on the left and a circular mark on the right.

付 属 資 料 3

アルゼンティン側からの要望書

NEW INTI ASSISTENCE PROPOSED TO JICA OFTER THE TECHNICAL COOPERATION
PERIOD ON PACKAGING TECHNOLOGY.

- 1) Project: Freshness Preservative Packaging for diferent kind of vegetable and fruit fresh meat and meat products. Modified atmosphere packaging and gas exchange packaging.

Requirement to JICA one expert for a short term during 1993.

- 2) Project: Structural Design of Different Packages and Materials (flexible, semirigid and rigid packages; paper, metallics, galss, plastics, wood).

Requirements to JICA: one expert for a short term during 1994.

- 3) Project: Relieve of Terrestrial Trade Transport and Generation of Simulation Programme.

Requirements to JICA: one expert for a short term during 1993.

- 4) Project: Organization of the Second Iberoamerican Seminar of Packaging (RISEA) INTI - Noviembre 1993.

Requirements to JICA: expertises JICA consider importan for give a lecture to Latinoamerican and Spain Technicians.

付 属 資 料 4

R/D

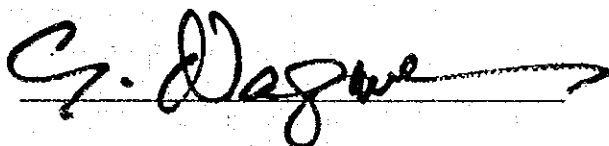
THE RECORD OF DISCUSSIONS
BETWEEN THE JAPANESE IMPLEMENTATION SURVEY TEAM
AND THE AUTHORITIES CONCERNED OF
THE GOVERNMENT OF ARGENTINA
ON THE JAPANESE TECHNICAL COOPERATION
FOR THE PROJECT ON PACKAGING TECHNOLOGY PROGRAMME
IN THE REPUBLIC OF ARGENTINA

The Japanese Implementation Survey Team (hereinafter referred to as "the Team") organized by the Japan International Cooperation Agency (hereinafter referred to as "JICA") and headed by Mr. Yukitoshi NAGASAWA, Head Mining and Industrial Department, JICA, visited Argentina from March 27 to April 3 for the purpose of working out the details of the technical cooperation programme concerning the Project on Packaging Technology programme in Argentina (hereinafter referred to as "the Project").

During its stay in Argentina, the Team exchanged views and had a series of discussions with the Argentine authorities concerned in respect of the desirable measures to be taken by both Governments for the successful implementation of the above-mentioned project.

As a result of the discussions, both parties agreed to recommend to their respective Governments the matters referred to in the document attached hereto.

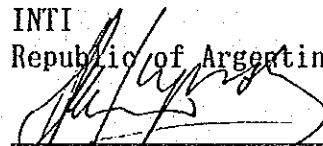
Buenos Aires, March 31, 1989



Mr. Yukitoshi NAGASAWA
Leader
Implementation Survey Team,
Japan International
Cooperation Agency.



Dr. Ing. Ruben Emilio ZEIDA
President
INTI
Republic of Argentina



Emb. Oscar YUJNOVSKY
Undersecretary,
Undersecretary of International
Cooperation,
Ministry of Foreign Affairs
Republic of Argentina

THE ATTACHED DOCUMENT

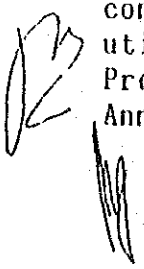
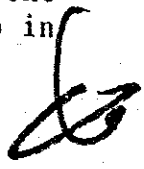
I. COOPERATION BETWEEN BOTH GOVERNMENTS

1. The Government of Japan and the Government of Argentina will cooperate with each other in implementing the Project on Packaging Technology Programme in Argentina for the purpose of developing human resources in the field of packaging technology and thus contributing to the technological development of Packaging industry in Argentina.
2. The Project will be implemented in accordance with the Master Plan which is given in Annex I.

II. DISPATCH OF JAPANESE EXPERTS

1. In accordance with the laws and regulations in force in Japan, the Government of Japan will take necessary measures through JICA to provide at its own expense the services of the Japanese experts as listed in Annex II through the normal procedures under the Technical Cooperation Scheme of the Government of Japan.
2. The Japanese experts referred to in 1. above and their families will be granted in Argentina, the privileges, exemptions and benefits as listed in Annex III and also will be granted the privileges, exemptions and benefits no less favourable than those accorded to experts of third countries or international organization performing similar missions in Argentina.

III. PROVISION OF MACHINERY AND EQUIPMENT

1. In accordance with the laws and regulations in force in Japan, the Government of Japan will take necessary measures through JICA to provide at its own expense such machinery, equipment and other materials (hereinafter referred to as "the Equipment") necessary for the implementation of the Project as listed in Annex IV through the normal procedures under the Technical Cooperation Scheme in Japan.
 2. The Equipment will become the property of the Government of Argentina upon being delivered C.I.F. to the Argentine authorities concerned at the ports and/or airports of disembarkation, and will be utilized properly and exclusively for the implementation of the Project in consultation with the Japanese experts referred to in Annex II.
- 
- 

IV. TRAINING OF ARGENTINE PERSONNEL IN JAPAN

1. In accordance with the laws and regulations in force in Japan, the Government of Japan will take necessary measures through JICA to receive at its own expense the Argentine personnel connected with the Project for technical training in Japan through the normal procedures under the Technical Cooperation Scheme of the Government of Japan.

The procedures shall be carried out in coordination and consultation with the Japanese experts referred to in Annex II.

2. The Government of Argentina will take necessary measures to ensure that the knowledge and experience acquired by the Argentine personnel from technical training in Japan will be utilized effectively for the implementation of the Project.

V. SERVICES OF ARGENTINE COUNTERPART AND ADMINISTRATIVE PERSONNEL

1. In accordance with the laws and regulations in force in Argentina, the Government of Argentina will take necessary measures to secure at its own expense the necessary services of Argentine counterpart and administrative personnel as listed in Annex V.

2. The Government of Argentina will allocate the necessary number of suitably qualified personnel corresponding to each Japanese expert to be dispatched by the Government of Japan as specified in Annex II for the effective and successful transfer of technology under the Project.

VI. MEASURES TO BE TAKEN BY THE GOVERNMENT OF ARGENTINA

1. In accordance with the laws and regulations in force in Argentina, the Government of Argentina will take necessary measures to provide at its own expense:

- (1) Land, buildings and facilities as listed in Annex VI;
- (2) Supply or replacement of machinery, equipment, instrument, vehicles, tools, spare parts, and any other materials necessary for the implementation of the Project other than those provided through JICA under Annex III above;
- (3) Transportation facilities and travel allowance for the official travel of Japanese experts within Argentina ;
- (4) Suitably furnished accommodations for the Japanese experts and their families.

2. In accordance with the laws and regulations in force in Argentina the Government of Argentina will take necessary measures to meet:

- (1) Expenses necessary for the transportation of the Equipment within Argentina as well as for the installation, operation and

- maintenance thereof;
- (2) Customs duties, internal taxes and any other charges, imposed on the Equipment in Argentina ;
 - (3) All running expenses necessary for the implementation of the Project.

VII. ADMINISTRATION OF THE PROJECT

1. The President of The National Institute of Industrial Technology of Argentina (hereinafter referred to as "INTI") will bear overall responsibility for the implementation of the Project.
2. The Programme Coordinator, as the Head of the Project, will be responsible for the administrative, managerial and technical matters of the Project.
3. The Japanese Chief Advisor will provide necessary recommendation and advice on technical and administrative matters concerning the implementation of the Project to the Executive Vice-President of INTI and the Head of the Project.
4. The Japanese experts will give necessary technical guidance and advice to the Argentine counterpart personnel on matters pertaining to the implementation of the Project.
5. The Argentine counterpart personnel nominated by the Argentine side will work as trainers/instructors in the Modules to assure the objective of the Modules during and after the completion of the Japanese Technical Cooperation.
6. For the effective and successful implementation of the Project, a Joint Committee will be established with the function and composition as referred to in Annex VII.
7. The Organization for the implementation of the Project is shown in Annex VIII.

VIII. CLAIMS AGAINST JAPANESE EXPERTS

The Government of Argentina will undertake to bear claims, if any arises, against the Japanese experts engaged in the Project resulting from, occurring in the course of, or otherwise connected with the discharge of their official functions in Argentina except for those arising from the willful misconduct or gross negligence of the Japanese experts.

IX. MUTUAL CONSULTATION

There will be mutual consultation between the two Governments on any major issues arising from, or in connection with this Attached Document.

X. TERM OF COOPERATION

The duration of the technical cooperation for the Project under this

Attached Document will be four (4) years from the Date of March 31, 1989.

However, there will be a general review by the Joint Committee on the progress of the implementation of the Project during the third year, or earlier if necessary, of the cooperation period in order to assess whether the term of cooperation should be modified for the successful implementation of the Project.

ANNEX I. MASTER PLAN

1. Objectives of the Project

The Project aims at developing human resources in the field of the Packaging technology and thus contributing to the technological development of packaging industry in Argentina .

2. Objectives of the Japanese Technical Cooperation

Objectives of the Japanese Technical Cooperation during the term of the cooperation are to provide technical guidance and advice in the field of Packaging Technology to the Argentine counterpart personnel as listed in Annex V ;

3. Scope of the Project

The appropriate technology transfer to the Argentine counterparts will be done in the following fields:

- | | |
|---|----------------|
| 1) Design for Packaging technology | (Module I) |
| 2) Process technology | (Module II) |
| 3) Quality Control technology | (Module III) |
| 4) Storage, Materials Handling and Transportation | (Module IV) |

ANNEX II. JAPANESE EXPERTS

Fields of the Japanese experts are as follows:

1. Chief Advisor
2. Experts in the field of
 - (1) Experts in the field of design for packaging
 - (2) Experts in the field of process engineering
 - (3) Experts in the field of quality control
 - (4) Experts in the field of storage, material handling and transportation

ANNEX III. PRIVILEGES, EXEMPTIONS AND BENEFITS

1. The Government of Argentina will grant exemptions from income tax and charges of any kind imposed on the living allowance and other items remitted from abroad to the Japanese experts and their families.
2. The Government of Argentina will grant exemptions from customs duties in respect of the importation of personal effects by the Japanese experts and their families as well as the importation of machinery and equipment relating to their activities.

3. The Government of Argentina will provide medical services and facilities to the Japanese experts and their families.

ANNEX IV. LIST OF THE EQUIPMENT

1. Equipment for module II
2. Equipment for module III
3. Equipment for module IV
4. Other necessary equipment to be mutually agreed upon for the effective implementation of the Project.

ANNEX V. LIST OF ARGENTINE COUNTERPART AND ADMINISTRATIVE PERSONNEL

1. Counterpart Personnel to the Japanese experts
 - (1) President, INTI
 - (2) Vice President, INTI
 - (3) Programme Coordinator
 - (4) Necessary number of Research Officers, Assistant Research Officers and Technicians in the field of:
 - a. design for packaging
 - b. process engineering
 - c. quality control
 - d. storage, material handling and transportation
2. Administrative Personnel
 - (1) Administration Officers
 - (2) Clerical Staff
 - (3) Other necessary supporting staff mutually agreed upon.

ANNEX VI. LAND, BUILDINGS AND FACILITIES

1. Land

Adequate land area will be provided by the Argentina.

Address; INTI HEAD OFFICE

Av. Leandro N. Alem 1067. P7.
1001-Buenos Aires
Republica of ARGENTINA

Address: INTI (Project Site)

Parque Tecnológico Miguelete
Av. General Paz Entre Albarellos
y Av. de Los Constituyentes
Miguelete-Provincia de Buenos Aires
Republica ARGENTINA

2. Buildings and facilities

- (1) Office rooms for the Japanese experts
- (2) Conference room
- (3) Laboratories
- (4) Others

ANNEX VII. THE JOINT COMMITTEE

1. Functions

The Joint Committee will meet at least once a year and whenever necessity arises, and work:

- (1) To formulate the Annual Work Plan of the Project in line with the Tentative Schedule of Implementation formulated under the framework of this Record of Discussions;
- (2) To review the overall progress of the Technical Cooperation Programme as well as the achievements of the above-mentioned Annual Work Plan;
- (3) To review and exchange views on major issues arising from or in connection with the Technical Cooperation Programme.

2. Composition

(1) Chairman; President of INTI or His Representative

(2) Members

a. Argentine Side

- 1) Coordinator of the Packaging Technology Programme
- 2) Technical Director of CICELPA
- 3) Technical Director of CITIP
- 4) Representative of International Relations Office of INTI
- 5) Representative of Industry and Foreign Trade Secretariat
- 6) Personnel concerned with the Project designated by the Chairman

b. Japanese Side

- 1) Chief Advisor
- 2) The Japanese experts designated by the Chief Advisor
- 3) Representatives of JICA Argentine office
- 4) Personnel concerned with the Project to be dispatched by JICA, if necessary

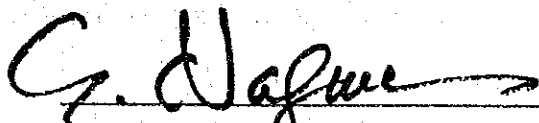
Note: Officials of the Embassy of Japan and Representatives of the Ministry of Foreign Affairs (Argentina) may attend the Joint Committee as observers.

MINUTES OF MEETING
BETWEEN THE JAPANESE IMPLEMENTATION SURVEY TEAM
AND THE ARGENTINE TEAM, INTI
ON THE JAPANESE TECHNICAL COOPERATION FOR
THE ARGENTINE PACKAGING TECHNOLOGY PROGRAMME

Technical Cooperation based on the Record of Discussions signed on March 31, 1989 for The Packaging Technology Programme starts its activities from the date of the signing of the Record of Discussions.

Both Japanese and Argentine sides will take necessary measures as in the attached document for its commencement.

Buenos Aires, March 31, 1989



Mr. Yukitoshi NAKASAWA
Leader
Implementation Survey Team
Japan International Cooperation
Agency (JICA)



Dr. Ing. Ruben Emilio ZEIDA
President
INTI
Republic of Argentina

THE ATTACHED DOCUMENT

The Japanese side is:-

1. To take necessary measures to dispatch two (2) long term experts (including team leader) in the field of Processing Engineering in November, 1989 when A-1 forms are in the hands of JICA by the end of July, 1989.
2. To take necessary measures to dispatch one (1) long term experts in the field of Storage, Material Handling and Transportation in November, 1990 when A-1 form will be in the hands of JICA by the end of July, 1990.
3. To take necessary measures to receive two (2) counterpart personnel within the Japanese fiscal year 1989.
4. To take necessary measures to start provision of equipment mentioned in the ANNEX IV of the Record of Discussions when A-4 forms are in the hands of JICA by the end of July, 1989.

Argentine side is:-

1. To prepare staff and budget necessary for the operation and management of the Project throughout the cooperation period mentioned in Article VI of the Record of Discussions.
2. To prepare counterpart personnel necessary for the implementation of the Project before the Japanese experts arrive at the Project.

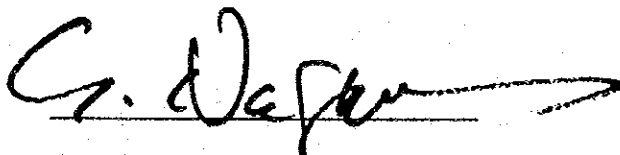
The necessary number and qualifications of the counterpart personnel are in ANNEX III of The Tentative Schedule of Implementation signed on March 31, 1989.

TENTATIVE SCHEDULE OF IMPLEMENTATION
AND TECHNICAL COOPERATION PROGRAMME
FOR THE ARGENTINE PACKAGING TECHNOLOGY PROGRAMME PROJECT

The Japanese Implementation Survey Team and the representatives of the INTI have jointly formulated the Tentative Schedule of Implementation and the Technical Cooperation Programme of the Project as annexed hereto.

These documents have been formulated in connection with Article I, Paragraph 2 of the Attached Document of the Record of Discussions signed between the Japanese Implementation Survey Team and the Argentine Team, for the Technical Cooperation of the Packaging Technology Programme in the Republic of Argentine on condition that necessary budget will be allocated for the implementation of the Project, and are subject to change within the framework of the Record of Discussions when necessity arises in the course of implementation of the Project.

Buenos Aires, March 31, 1989



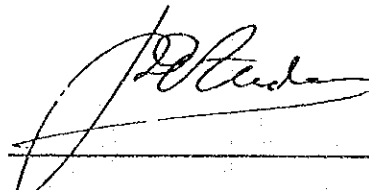
Mr. Yukitoshi NAGASAWA

Leader

Implementation Survey Team

Japan International

Cooperation Agency (JICA)



Dr. Ing. Ruben Emilio ZEIDA

President

INTI

Republic of Argentina

TENTATIVE SCHEDULE

Module	Curriculum	1989	1990	1991	1992	1993
	Chief Advisor	—	—	—	—	—
M-1	Product Planning Design (Indication, Color, Structure & Function) Graphic Design Plate-Making, Printing	—	—	—	—	—
M-2	Plastic Packaging Food Packaging Food Packaging Design Food Packaging Technology & Systems Food Packaging Materials Safety & Sanitation for Packaging	—	—	—	—	—
M-3	Quality Control of Packaging Materials Quality Control of Packaging Containers Testing Methods of Packaging Materials Methods for Packaging Materials & Containers	—	—	—	—	—
M-4	Physical Distribution (P. D.) Analysis of P. D. Environment Vibration, Drop & Compression Tests Testing Methods of Shock Cushoning Design Methods Unit Load Systems Simulation Programme Simulation Test for Transport, Storage & Shipping	—	—	—	—	—

JICA