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1．ミニッツ

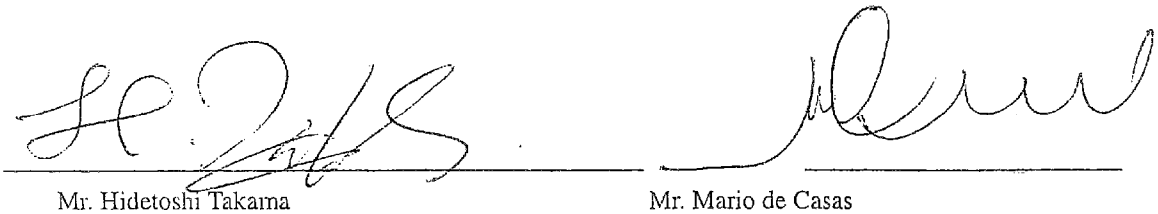
MINUTES OF MEETING
BETWEEN THE JAPANESE AFTERCARE ARRANGEMENTS TEAM
AND
THE AUTHORITIES CONCERNED OF THE GOVERNMENT
OF THE ARGENTINE REPUBLIC
ON THE AFTERCARE PROJECT
FOR
THE PROJECT FOR INFORMATION TRAINING CENTER

The Japanese Aftercare Arrangements Team (hereinafter referred to as "the Team") organized by the Japan International Cooperation Agency (hereinafter referred to as "JICA") and headed by Mr. Hidetoshi Takama visited the Argentine Republic May 9 to May 15, 2001 for the purpose of working out the details of the Aftercare Project for the Project for Information Training Center of INET (National Institute of Technical Education) (hereinafter referred to as "the A/C Project").

During its stay in the Argentine Republic, the Team had a series of discussions and exchanged views with the authorities concerned of the Government of the Argentine Republic (hereinafter referred to as "the Argentine side") over the matter for the successful implementation of the A/C Project.

As a result of the study and discussions, both sides agreed to recommend to their respective Governments the matters referred to in the documents attached hereto.

Buenos Aires, May 15, 2001



Mr. Hidetoshi Takama
Leader
Aftercare Arrangements Team
Japan International Cooperation Agency
Japan

Mr. Mario de Casas
Executive director, INET
National Technological Education Institute
Ministry of Education
The Argentine Republic

Attached Document

I Cooperation between Both Governments

1 The Government of Japan and the Argentine Republic will cooperate with each other in implementing the Project for the purpose of furthering the effect of the Project for Information Training Center through the Aftercare Program of technical cooperation (hereinafter referred to as "the A/C Project"), and thus contributing to the promotion of socio-economic development of the Argentine Republic.

2 The A/C Project will be implemented for upgrading the function of National Institute of Technical Education (hereinafter referred to as "INET") which has been established by Ministry of Education.
The both sides confirmed the title of the Project as "JICA-INET Information Training Center Aftercare Project".

3 Therefore, the both sides confirmed that this A/C Project would help INET to meet IT related domestic demands as well as regional demands from the South American region, especially the member countries of MERCOSUR. The Japanese side expressed that the INET is accordingly expected to have some function under the partnership program between Japan and Argentine.

4 The main purpose of the A/C Project is to upgrade the quality of the training courses under INET program using the Internet, especially in the field of computer related technology.
The outputs through the A/C Project are as follows.
(1) The Argentine counterparts will acquire necessary technology to conduct web-based training courses using the Internet.
(2) The model course(s) for web-based training will be established.

5 The A/C Project will be implemented in accordance with the Tentative Schedule of Implementation as shown in Annex 1 .

II Measures to be taken by the Government of Japan

1 Dispatch of Japanese Experts
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 services of Japanese experts as shown in Annex 2 through the normal procedures under the Technical Cooperation Scheme of the Government of Japan.

2 Provision of Machinery and Equipment

In accordance with the law and regulations in force in Japan, the Government of Japan will take necessary measures through JICA to provide at its own expense necessary machinery and equipment, spare parts and other materials (hereinafter referred to as "the Equipment") necessary for the implementation of the A/C Project as listed in Annex 3 through the normal procedures under the Technical Cooperation Scheme of the Government of Japan.

The Equipment will become property of the Government of the Argentine Republic upon being delivered C.I.F. to the Argentine authorities concerned for the implementation of the A/C Project.

3 Training of Argentine counterpart personnel in Japan

Training of Argentine counterpart personnel in Japan is not included in the scope of the A/C Project.

III Measures to be taken by the Government of the Argentine Republic

1 The Government of the Argentine Republic will take necessary measures to ensure that the self-reliant operation of INET will be sustained during and after the period of the Japanese technical cooperation, through the full and active involvement in the A/C Project by all related authorities, beneficiary groups and institutions.

The Team strongly suggested that INET should have its own measurement not to let the technical staff quit INET for job-hopping. The Team understood that the field of IT has its tendency to easily change jobs in the current circumstance in this country.

The Team recommended that the financial resources should be diversified in order for INET to expand its works as well as to give its engineers incentive. The INET side replied that currently they were scrutinizing the possibility in legal terms.

2 In accordance with the laws and regulations in force in Argentine, the Government of the Argentine Republic will take necessary measures to provide at its own expense supply of tools, equipment, instruments, spare parts and any other materials necessary for the implementation of the A/C Project other than those to be provided through JICA under Articles II -2.

3 In accordance with the laws and regulations in force in Argentine, the Government of the Argentine Republic will take necessary measures for tax exemption, customs clearance, storage, and internal transportation of the Equipment as mentioned in Articles II -2.

4 In accordance with the laws and regulations in force in Argentine, the Government of the Argentine Republic will take necessary measures to meet all running expenses necessary for the implementation of the A/C Project.

5 The Government of the Argentine Republic will allocate the necessary numbers of suitably qualified personnel as shown in Annex 4 corresponding each Japanese expert for the effective and successful transfer of technology under the A/C Project.

6 The Government of the Argentine Republic will make any other necessary arrangements for the successful implementation of the A/C Project.

IV Claims against Japanese Experts

The Government of the Argentine Republic undertakes to bear claims, if any arises, against the Japanese experts mentioned in Articles II-1 above engaged in the A/C Project resulting from, occurring in the course of, or otherwise connected with the discharge of their official functions in Argentine except for those arising from the willful misconduct or gross negligence of the Japanese experts.

V Terms of Cooperation

The term of the technical cooperation for the A/C Project will be from October1, 2001 to September 30, 2002.

VI Others

1 The Argentine side agreed that through the normal procedures under the Technical Cooperation Scheme of Japan referred to in Articles II , the following documents would be submitted to the JICA Argentine Office.

(1) Form A-1 for the Japanese Experts
Form A-1 for the respective short-term experts are to be submitted by the end of June 2001.

(2) Form A-4 for the Equipment
Form A-4 for the Equipment is to be submitted by the end of June 2001.

2 The Argentine side agreed that the layout of related equipment and wiring in the INET now should be refurbished properly before the commencement of the A/C Project.

3 The both sides agreed that the basic language for mutual communication in the A/C Project should be English.

4 The both sides sign the two copies of the Minutes of meeting written in English as an original. Upon the request of the Argentine side, the Japanese side agreed to sign the two copies of the Minutes of meeting written in Spanish. However, the both side agreed that the English version would be taken for a clarification of the understandings if any trouble happens in the course of the Project in the future.

Annex1

TENTATIVE SCHEDULE OF IMPLEMENTATION (TSI)

JAPANESE FISCAL YEAR	2001								2002								
CALENDAR YEAR	2001								2002								
MONTH	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9
DISPATCH OF STUDY TEAM	—																
SUBMISSION OF FORM A-1 & A-4 BY THE ARGENTINE SIDE		*															
TECHNOLOGY TRANSFER FROM JAPANESE EXPERTS						—											
PROCEDURE FOR PROVISION OF MACHINERY & EQUIPMENT			—	—	—	*											

NOTE:

1 The Japanese fiscal year starts in April and ends in March next year.

2 Actual schedule for dispatch of the Japanese experts and Machinery and Equipment is subject to change.

JAPANESE EXPERTS

The Japanese experts listed below are scheduled to be dispatched. The Argentine side understood that the numbers, fields and the term of the Japanese experts were subject to change due to the recruitment of the respective experts and that JICA would inform the Argentine side results of the above recruitment.

No.	Fields	Target Product	Duration
1	Network application system development (web-based user I/F)	Application S/W with web-based user I/F	2 weeks (from November, 2001)
2	Security	Computer network system	2 weeks (from March, 2002)
3	Network application system development (Database, Normalization)	Web-based application S/W with Database	1.5 month (from May, 2002)
4	Teaching/Learning material development using multi media	Teaching / Learning material	1.5 month (from July, 2002)

Note:

1 Japanese experts listed above may be dispatched after the provision of the Equipment.

2 As for technology transfer from the Japanese experts, the Internet should be fully used in the process. Therefore the Japanese experts should respectively provide Internet based training for one and half months before their arrival and for two weeks after their arrival.

3 The Argentine side promised the Team to provide working space for the Japanese Experts.

4 The Argentine side told the Team that from time to time any changes in key information and organization of INET concerning the A/C Project would be sent to JICA.

LIST OF THE EQUIPMENT

JICA will start its procurement according to the priority provided in the table below. However, the Argentine side should scrutinize the specification of the equipment through consultations with each maker and forward JICA the respective quotations. The equipment to be provided will be subject to change due to the budgetary conditions of Japan in future.

1 Provision of new machinery and equipment

Priority (*1)	Item	Specification (minimum)	Quantity
1 (A)	PC (for Server)	CPU: PentiumIII 1.0GHz or more x 2 RAM: 384MB HDD: 60GB x 2 CD-ROM: 24x speed or more LAN board (100/10Base-T) Mouse / Keyboard / 17inches Display OS: Linux and Windows2000 Server	5
2 (A)	PC (for Development)	CPU: PentiumIII 1.0GHz or more RAM: 256MB HDD: 60GB x 2 DVD-RAM: 6x reading speed or more LAN board (100/10Base-T) Mouse / Keyboard / 19inches Display OS: Windows2000 Professional	7
3 (A)	PC (for training)	CPU: PentiumIII 1.0GHz RAM: 256MB HDD: 20GB CD-ROM: 24x speed or more LAN board (100/10Base-T) Mouse / Keyboard / 17inches Display OS: Windows2000 Me	21
4 (A)	Printer (Color Printer)	Paper size: A4 and other Speed: 5 sheets/min. LAN(100/10Base-T) applicable	2
5 (A)	Printer (Black & White)	Paper size: A4 and other Speed: 30 sheets/min. LAN(100/10Base-T) applicable	2
6 (A)	Scanner	Paper size: A4 or more 600 dpi or more IEEE1394 or USB connectable	2
7 (A)	Digital Video Camera	2 Hours or more Recordable IEEE1394 or USB connectable	1
8 (A)	Digital (Still) Camera	3 Million pixels or more 100 still image or more Memory card IEEE1394 or USB connectable	2
9 (A)	External Storage Unit	640MB MO drive or 100MB Zip drive or CD-R(W) IEEE1394 or USB connectable	4

10 (A)	Server Soft	Fire Wall Soft Web Server Soft Mail Server Soft DataBase Soft	1
11 (A)	Authoring Soft (for Web)	Adobe (GoLive, Photoshop, Premiere, AfterEffect) MacroMedia(Flash, DreamWaver) etc.	7
12 (A)	Router	100/10Base-T applicable	1
13 (A)	Hub	8 ports intelligent Hub	5

(*1) A: Must B: Necessary
C: If possible D: Canceled

ALLOCATION OF THE COUNTERPART PERSONNEL

The counterpart personnel are to be allocated as listed in the following.

No.	Name	Present position	Specialty	Qualification
1	Ing. Mario de Casas	Subsecretario de Educación Técnológica del Ministerio de Educación de la Nación. Director Ejecutivo del Instituto Nacional de Educación Tecnológica	(Project Director)	Ingeniero Civil
2	Lic. Andrés Eluani	Responsable de la Dirección Nacional de Educación Técnica Profesional del INET	Área Educación para el Trabajo con tecnologías (Project Manager)	Licenciado en administración de Empresas
3	Prof. Alicia Belsito	Responsable del Área de Tecnologías de la Información y la Comunicación del INET	Educación en Ciencias de la Computación, especialización en Técnicas Multimediales aplicadas a la educación (Project Coordinator)	Profesora en Ciencias de la Computación .
4	Lic. Patricia Crotti	Integrante del Área de Tecnologías de la Información y la Comunicación del INET. Responsable de Diseño de Sistemas	Áreas relacionadas con la Informática y el Diseño de Sistemas	Licenciada en Tecnología de la Comunicación Educativa. Curso avanzado de Ingeniería en Sistemas de Información- Universidad Tecnológica Nacional
5	Ing. Eva Bernardez Garcia	Integrante del Área de Tecnologías de la Información y la Comunicación del INET. Responsable de Base de Datos	Áreas relacionadas con la Informática y el Diseño de Bases de Datos	Ingeniera Electrónica, Curso avanzado de licenciatura en Análisis de Sistemas de Información- UBA
6	Lic. Antonio Argalás	Integrante del Área de Tecnologías de la Información y la Comunicación del INET. Responsable de Capacitación	Áreas relacionadas con capacitación en Informática Educativa	Licenciado en Tecnología de la Comunicación Educativa.
7	Sr. Sergio Iglesias	Integrante del Área de Tecnologías de la Información y la Comunicación del INET. Responsable de implementación Internet	Diseño de entornos gráficos e implementación para Internet	Técnico en Telecomunicaciones y Técnico en Diseño Gráfico
8	Sr. Adrián Mostini	Integrante del Área de Tecnologías de la Información y la Comunicación del INET. Responsable de Redes y Administrador del sistema	Redes y Administración de Sistemas	Técnico en Electrónica y Curso avanzado de licenciatura en Análisis de Sistemas de Información- UB

Note:

Groups of the above counterpart personel for technology transfer from Japanese experts are listed as follows.

Group of counterpart personel

Área de transferencia de tecnología	Contraparte argentina	Nivel de idioma ingles	Responsable
Aplicaciones de redes y diseño de interfases	Sr. Adrián Mostini Sr. Sergio Iglesias Lic. Antonio Argalás Lic. Patricia Crotti Ing. Eva Bernardez Garcia	A B B A A	Ing. Eva Bernardez Garcia
Seguridad	Sr. Adrián Mostini Sr. Sergio Iglesias Lic. Antonio Argalás Lic. Patricia Crotti Ing. Eva Bernardez Garcia	A B B A A	Sr. Adrián Mostini
Base de Datos	Sr. Adrián Mostini Sr. Sergio Iglesias Lic. Antonio Argalás Lic. Patricia Crotti Ing. Eva Bernardez Garcia	A B B A A	Lic. Patricia Crotti
Multimedia	Sr. Adrián Mostini Sr. Sergio Iglesias Lic. Antonio Argalás Lic. Patricia Crotti Ing. Eva Bernardez Garcia	A B B A A	Lic. Antonio Argalás

LIST OF THE ATTENDANCE

Por Argentina

Día Miercoles 9

Ing. Mario de Casas, Subsecretario de Educación Tecnologica de la Nación, Director Ejecutivo del INET.
Ing.Antonio Alvarez, Director del CENET, Responsable del Programa de Escuela Tecnológica.
Lic. Andrés Eluani, Responsable de la Dirección Nacional de Educación Técnico Profesional, Área Educación para el Trabajo con Tecnologías.
Dra. Azucena Zapico, Responsable del Area de Gestión y Logística Organizacional.
Lic. Carlos Almenara, Respondable de lña Implementación del Programa de Escuela Tecnológica.

Día Jueves 10

Lic. Andrés Eluani, Responsable de la Dirección Nacional de Educación Técnico Profesional, Área Educación para el Trabajo con Tecnologías.
Ing.Antonio Alvarez, Director del CENET, Responsable del Programa de Escuela Tecnológica.
Ing.Fernando Laria, Coordinador de Programa Escuela Tecnológica
Prof. Alicia Belsito, Responsable del Area de Tecnologías de la información y la Comunicación.
Lic. Patricia Crotti, integrante del Area de Tecnologías de la información y la Comunicación.
Ing. Eva Bernardez Garcia, integrante del Area de Tecnologías de la información y la Comunicación.

Recorrido al INET

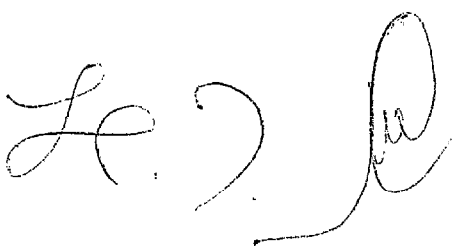
Ing. Haydee Nocetti, Responsable del Subprograma Conectividad, Proyecto y Servicios – Cenet

Visita protocolar al Ministerio de Educación

Prof. Alicia Belsito, Responsable del Area de Tecnologías de la información y la Comunicación.
Lic. José Candisano Responsable Del Área Comunicación Institucional.

Viernes 11

Prof. Alicia Belsito, Responsable del Area de Tecnologías de la información y la Comunicación.
Lic. Patricia Crotti, integrante del Area de Tecnologías de la información y la Comunicación.
Ing. Eva Bernardez Garcia, integrante del Area de Tecnologías de la información y la Comunicación.
Ing. Haydee Nocetti, Responsable del Subprograma Conectividad, Proyecto y Servicios – Cenet.
Sr. Sergio Iglesias, integrante del Area de Tecnologías de la información y la Comunicación.
Lic. Antonio Argalás, integrante del Area de Tecnologías de la información y la Comunicación.
Sr. Adrían Mostini, integrante del Area de Tecnologías de la información y la Comunicación.



2 Japanese side

(1) The Japanese Aftercare Study Team

Mr. Hidetoshi Takama	Leader
Dr. Hiroshi Shirakawa	Cooperation Planning
Mr. Akihito Hosokawa	Technology transfer Planning
Mr. Hideo Kaizuka	Equipment Planning

2. 調査員報告

2001.5.28

(1) JICA 事務所報告

アルゼンティン情報処理研修センターに係るアフターケア調査報告書

団長　国際協力事業団　高間英俊
国際協力データサービス　細川昭人
日本国際協力システム　貝塚英雄
国際協力事業団　白川　浩

標記プロジェクトに関するアフターケア調査チームは、プロジェクトのアルゼンティン側要請元である教育省国立技術教育機構（INET）との協議を終え、ミニッツ（別紙）に署名・交換した。

協議結果の概要は以下の通り。

1　協議結果の概要

（1）プロジェクトの名称

JICA-INET Information Training Center Aftercare Project

（「JICA-INET 情報処理研修センター・アフターケア・プロジェクト」）

（2）プロジェクトの実施体制

総括責任者（Project Director）　：教育省技術教育次官（INET 所長）

実施責任者（Project Manager）　：INET 副所長

事務局（Coordination office）　：INET 情報処理部長

（3）プロジェクトの目的と成果

目的：インターネットを利用した研修実施により INET 関連研修コースの質が向上する

成果：1）C/P が Web-Based Training の実施に必要な技術を習得する

2）Web-Based Training のモデルコースが整備される

（4）供与機材

サーバー、開発用パソコン、研修用パソコンほか（別紙参照）を現地調達の予定

（5）プロジェクト期間

2001 年 10 月 1 日から 2002 年 9 月 30 日の 1 年間

（6）その他

アルゼンティン側は短期専門家派遣と機材供与の要請を早急に提出する。

なお、C/P の本邦研修は本アフターケアの範囲外とするが、一般研修員枠での受入を申請する。

2　調査団長所見

再度技術協力の相手側実施機関となる INET は、現在は教育省の傘下の組織になっている。そのミッションは、職業教育の開発と普及にある。全国の職業学校の教官と中小企業を含めた産業界の人材に対して教育訓練を提供している。制度的には、学校教育は地方分権化の政策によって、現在では各州に属しているので、INET の役割は、特に貧しい自治体にとっては重要になっていると思われる。

９６年にプロジェクト終了してから、既に４年半が過ぎているが、現在でも PC やシステム関係の機器は、有効に使用されている。ただし、カウンターパートについては、当時１１人のうち４人が残っているだけである。しかし、このようなリソースのなかで、現在マルチメディアを含めた情報技術の教育訓練を自分たちの手で提供している。従って、協力の相手機関としての資質が十分兼ね備えていると思われる。

INET の所長（Executive　Director）は、教育省の次官を兼ねており、それらのポストは政治家が配置されていることから、INET は政府機関の重要な位置付けとなっていることが分かる。

さて、今回 INET 側との交渉の過程で、我々が一番強調したのは、人材の問題である。情報関係の技術者の転職率は高い状況のなかで、公立でその種の人材を確保するのは容易なことではない。従って、調査団としては、INET 側に対して、人材確保のために何らかの措置をとり、現在不可能であるが検討している予算以外の収入源の確保について言及した。現在 INET では、収入源の多様化するため法規面から検討を加えているようである。また、技術の定着のために専門家一人あたりのカウンターパートの配置を複数にすることにしている。

本プロジェトでは、技術の科目を各学校に Web　Based　Training の形で、「手段」としての IT を移転することと、IT そのものが教授科目（マルチメディアなど）になっており、「目的」として移転することになるという両面をもっている。

本調査団が訪アしている間にア国の外務大臣が訪日し、両国のパートナーシップ・プログラムについて合意をみた。本プログラムもメルコスール案件として期待される。

最後に、アルゼンチン経済は、長い停滞のトンネルから抜け出していない。その出口の光さえ見えていないようだが、基本的なインフラと教育された人材はある程度いるので、IT のような何らかの突破口があれば、出口に光が見えるのではないかと思われる。

（2）機材仕様

アルゼンティン・情報処理研修センター（INET）

供与機材基本スペック

JICA 鉱工業開発協力部鉱工業開発協力第一課

1. [PC for Server] 5 sets

(Target Spec.)

CPU :	Pentium4 1.2GHz x 2
RAM :	512MB (Main Memory)
	16MB (Video Memory)
HDD :	100GB or more
C D :	CD-ROM 24x speed or more
Port:	Ether port (100/10Base-T)
	USB port x2
	Serial
	Parallel
Mouse:	2 Buttons / Scroll Wheel / Optical
Keyboard:	English Version or Spanish Version
Display:	17 inches LCD (TFT 1280 x 960 dots or more)
Backup Storage:	4mmDAT or DLT etc.

(Detail Explanation)

CPU : *(Min.) Pentium3 1.0GHz x 2 (933MHz x 2)*
RAM : (Nothing)
HDD : Internal or External (Internal is better)
(Max.) 3 disks
C D : Internal or External (Internal is better)
Port : Backup Storage connecting port is necessary.
If both Mouse / Keyboard / Backup Storage connects via USB port, add USB-HUB.
Keyboard: English or Spanish (according to Minits)
Display : (Nothing)
Backup Storage : 1 HDD to 1 medium(tape or etc.)
2 sets of media for all HDD need.

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2. [PC for Developers] 7 sets

(Target Spec.)

CPU :	Pentium4 1.5GHz
RAM :	512MB (Main Memory)
	16MB (Video Memory)
HDD :	100GB or more
C D :	CD-ROM 24x speed or more
	DVD-RAM / CD-RW 8x writing speed or more
Port:	Ether port (100/10Base-T)
	IEEE1394(Fire Wire port)
	USB port x2
	Serial
	Parallel
Mouse:	2 Buttons / Scroll Wheel / Optical
Keyboard:	English Version or Spanish Version
Display:	18 inches LCD (TFT 1280 x 960 dots or more)

(Detail Explanation)

CPU : *(Min.) Pentium4 1.2GHz*
RAM : (Nothing)
HDD : Internal or External (Internal is better)
(Max.) 3 disks
C D : Internal or External (Internal is better)
Port : Backup Storage connecting port is necessary.
If both Mouse / Keyboard / Backup Storage connects via USB port, add USB-HUB.
If HDD connects external, other high-speed port is necessary. USB not allowed.
Keyboard: English or Spanish (according to Minits)
Display : *(Min.) 17 inches LCD*

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3. [PC for Trainees] 21 sets

(Target Spec.)

CPU :	Pentium3 1.0GHz
RAM :	256MB (Main Memory) 16MB (Video Memory)
HDD :	30GB or more
C D :	CD-ROM 24x speed or more
Port:	Ether port (100/10Base-T) USB port x2 Serial Parallel
Mouse:	2 Buttons / Scroll Wheel / Optical
Keyboard:	English Version or Spanish Version
Display:	17 inches LCD (TFT 1280 x 960 dots or more)

(Detail Explanation)
CPU : (Nothing)
RAM : (Nothing)
HDD : Internal
C D : Internal
Port : (Nothing)
Keyboard: English or Spanish (according to Minits)
Display : (Nothing)

---

4. [Router] 1 set

(Target Spec.)

Router	100/10/Base-T

(Detail Explanation)
Router : (Nothing)

---

5. [HUB] 5 sets

(Target Spec.)

HUB	12 ports Intelligent HUB

(Detail Explanation)
HUB : 8 / 12 / 16 / 24 ports HUB are acceptable.
But it can be constructed an annexed network structure.

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6. [Ether Cable] 50 sets

(Target Spec.)

Ether Cable	100/10Base-T cable

(Detail Explanation)
HUB : Lengths are differences, they can be constructed an annexed network structure.

---

7. [Color Printer] 2 sets

(Target Spec.)

Color Printer	100/10Base-T LAN connecter PostScript Printer Paper size: A4 and others 10 sheets/min.

(Detail Explanation)
Color Printer: (nothing)

---

8. [B & W Printer] 2 sets

(Target Spec.)

B & W Printer	100/10Base-T LAN connectable PostScript Printer Paper size: A4 and others 30 sheets/min.

(Detail Explanation)
B & W Printer: (nothing)

---

9. [Scanner] 2 sets

(Target Spec.)

Scanner	IEEE1394(Fire Wire) or USB connectable Paper size: A3 or more 1200dpi or more

(Detail Explanation)
Scanner : *(Min.) 600dpi*

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10. [Digital Video Camera] 1 set

(Target Spec.)

Digital Video Camera	IEEE1394(Fire Wire) or USB connectable 2 hours or more recordable

(Detail Explanation)
Digital Video Camera: (Nothing)

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11. [Digital (Still) Camera] 2 set

(Target Spec.)

Digital Camera	IEEE1394(Fire Wire) or USB connectable 3 Million pixel or more 100 still image or more recordable

(Detail Explanation)
Digital Camera: (Nothing)

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12. [ZIP] 1 set

(Target Spec.)

ZIP	IEEE1394(Fire Wire) or USB connectable 250MB / 100MB recordable & Readable

(Detail Explanation)
ZIP : (Nothing)

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13. [Software for Server] 5 set

(Target Spec.)

O S :	Linux 7 (RedHat) and Windows 2000 Server
Web Server :	Microsoft Web Server
Mail Server :	Microsoft Exchange Server or Lotus Notes
DB Server :	Oracle 8 for NT/2000
Fire Wall Server:	No recommend (hoping proposal)
DNS/Proxy Server:	No recommend (hoping proposal)

(Detail Explanation)
Software : Only 1 set except OS

If possible, 1 complete package and License for others acceptable.

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14. [Software for Developer] 7 set

(Target Spec.)

O S :	Windows2000 Professional
Authoring Tools	Adobe GoLive 5 Photoshop 6 Premiere 6 After Effect 4 MacroMedia Flash Dreamwaver

(Detail Explanation)
Software : If possible, 1 complete package and Licenses for others acceptable.

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15. [Software for Trainees] 21 set

(Target Spec.)

O S :	WindowsMe or Windows2000 Professional

(Detail Explanation)
Software : If possible, 1 complete package and Licenses for others acceptable.
