

資料－3. 供与機材システム構成(案)

本システム構成案も専門部会に於て検討し審議され、案としてとりまとめたものである。「ス」側には、実施調査時に英文リストを手交、説明してある。

番号	機 材 名	仕 様	数 量
I	付帯条件		
1	システム構成	「別添システム構成」と同等以上の性能，機能及び操作性を有すること。	
2	ソフトウェア	協力期間内は一括払いとし，協力期間後は無償使用が可能であること。	
3	専門家派遣	<p>長期派遣専門家 2名（協力期間中派遣）</p> <p>短期派遣専門家 必要数（特定技術分野の講義，実習等の指導及び購送機器のレイアウト，据付，調整，ソフトウェアのインストール等）</p> <p>専門家の派遣にかかる経費は JICA の規定による。</p> <p>専門分野は次の中から選択：</p> <p>言語，オペレーティング・システム，システム・アナリシス，システム・デザイン，DBMS，データ通信システム，etc.</p>	
4	研修員受入れ	<p>ハードウェア技術者約 2名×6カ月間</p> <p>ソフトウェア技術者約 6名×3カ月間</p> <p>研修分野：</p> <p>① ハードウェア技術者 供与機材の保守技術</p> <p>② ソフトウェア技術者 言語，オペレーティング・システム，システム・アナリシス，システム・デザイン，DBMS，データ通信システム，etc.</p>	
5	インストラクション・マニュアル及び試験成績表	3部（英文のこと）	
6	保守契約	<p>故障発生時にスリランカ政府の要請に基づき，修理契約を締結する。</p> <p>保守マニュアル（2部，英文）を添付</p>	

番号	機 材 名	仕 様	数 量
Ⅱ	ハードウェア		
1	中央処理装置 (CPU)	処理能力 1.0MIPS 以上 キャッシュ・メモリ 16KB 以上 主記憶装置容量 16MB, 将来拡張可能なこと。 端末 60 台が接続可能のこと。	1 式
2	入出力制御装置 (IOC)	I/Oチャンネル及び高速 I/Oチャンネルを有すること。	必要数
3	システム操作卓 (CSL)	CPU及びその周辺装置を一元的に管理, 制御する。 14インチ・カラー・モニター (カラー 8色, 英数字 80 桁, 24 行以上表示のこと。) キーボード (専用) フロッピー・ディスク装置 (8インチ, 1MB) 2ドライブ シリアル・プリンター (英数字で 180CPS 以上)	1 式
4	ライン・プリンター (LPR)	英数字で 800LPM 以上	2 台
5	磁気ディスク制御装置 (DKC)	磁気ディスク装置 4 ユニットが接続可能のこと。 キャッシュ・メモリ 32MB 以上 高速 I/Oチャンネルに接続	1 台
6	磁気ディスク装置 (DKU)	記憶容量 500MB 以上, 転送速度は 1MBPS 以上, 上記 1/6 DKC とはデュアル・チャンネルのクロス コール接続とする。	4 ユニット
7	磁気テープ制御装置 (MTC)	磁気テープ装置 2 台が接続可能のこと。	1 台
8	磁気テープ装置 (MTU)	記録密度は 1600BPI と 6250BPI の両用 転送速度は 6250BPI で 500KBPS 以上	2 台
9	通信制御装置 (CCP)	端末装置 60 台以上が接続可能のこと。 端末装置とは変復調装置を介さずに高速ケーブルに より接続。 端末装置の接続に必要なアダプターを含む。	必要数

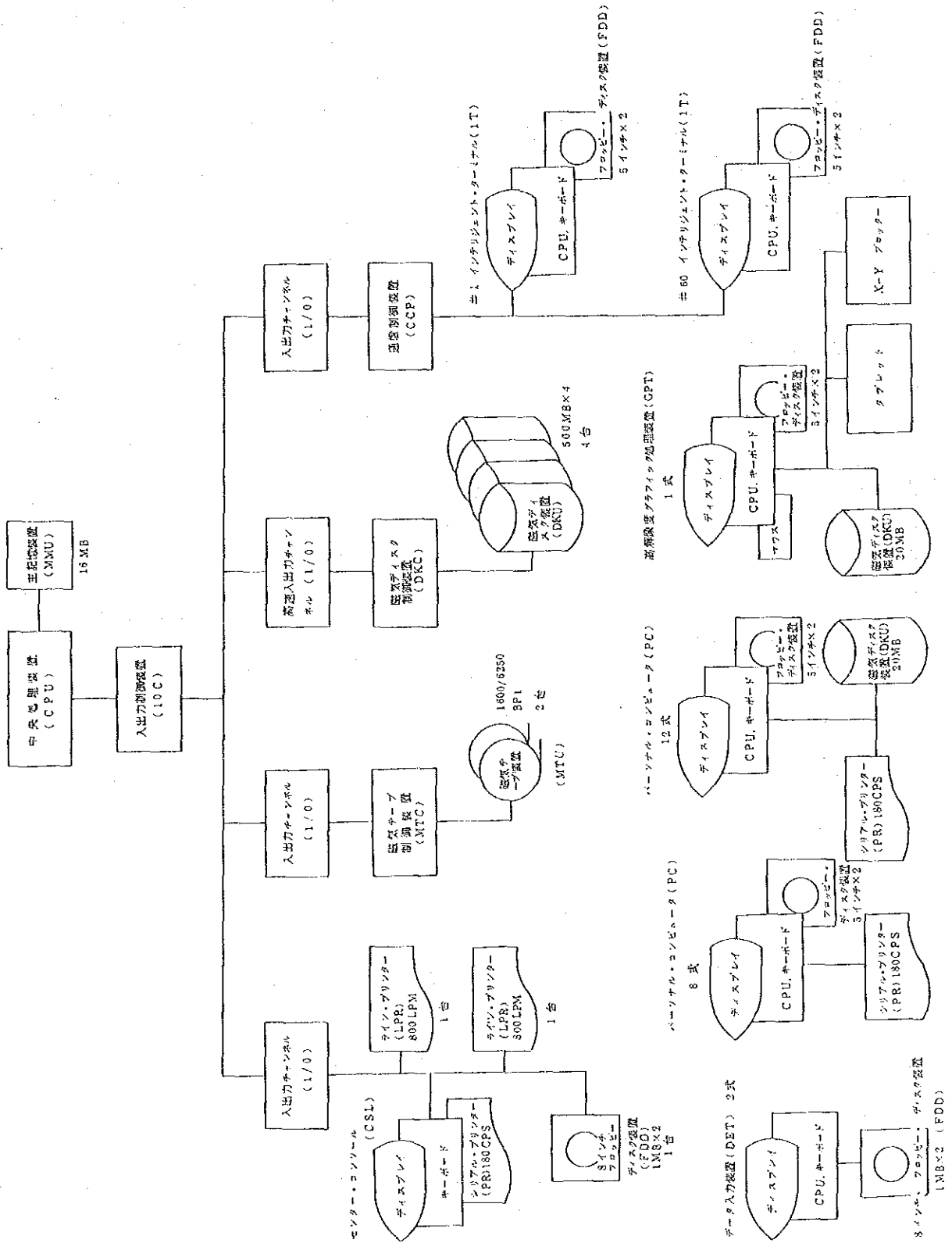
番号	機 材 名	仕 様	数 量
10	インテリジェント・ターミナル (IT)	CCPに接続されてTSS端末として動作すること。 16ビット・マイクロプロセッサ クロック周波数8MHz 主記憶装置256KB以上 キーボード カラー・ディスプレイ(14インチ, カラー8色, 英数字80桁, 24行以上表示のこと。) フロッピー・ディスク装置(5インチ, 2ドライブ)	60式
11	パーソナル・コンピュータ (PC)	16ビット・マイクロプロセッサ クロック周波数8MHz 主記憶装置256KB以上 キーボード カラー・ディスプレイ(14インチ, カラー8色, 英数字80桁, 24行以上表示のこと。) フロッピー・ディスク装置(5インチ, 2ドライブ) シリアル・プリンター(英数字で180CPS以上, 最大印字数は136桁/行, 24ドット×24ドット) (№10のITとは完全互換性のもの)	8式
12	データ入力装置 (DET)	入力データの生成 ディスプレイ(英数字80桁, 24行以上表示のこと。 キーボード(専用) フロッピー・ディスク装置(8インチ, 1MB) 2ドライブ	2式
13	パーソナル・コンピュータ (PC)	16ビット・マイクロプロセッサ クロック周波数8MHz 主記憶装置512KB以上 カラー・ディスプレイ(14インチ, カラー8色, 英数字80桁, 24行以上表示のこと。)	12式

番号	機 材 名	仕 様	数 量
14	レーザー・プリンタ (LBP)	<p>キーボード、 フロッピーディスク装置(5インチ, 2ドライブ) シリアル・プリンター(英数字で180CPS以上, 最大印字数は英数字で136桁/行, 24ドット× 24ドット)</p> <p>上記中, 2式はシリアル・プリンタの他にNo.14の レーザー・プリンタと切替接続が可能のこと。 レター品質または同等以上の品質</p>	2台
15	変復調装置(MDM)	上記No.13パーソナル・コンピュータと接続可能の こと。	4台
16	高解像度グラフィック 処理装置(GPT)	<p>高速, 高密度, カラー・グラフィック処理が可能の こと。</p> <p>32ビット・マイクロプロセッサ 主記憶容量4MB以上</p> <p>キーボード カラー・ディスプレイ(ビット・マップ方式, 解像 度1,000ドット×1,000ドット以上, 同時表示色 256色以上)</p> <p>フロッピー・ディスク装置(5インチ, 2ドライブ) ハード・ディスク装置(20MB以上)</p> <p>座標入力装置としてタブレット及びマウスを有すること。 出力装置としてX-Yプロッターを有すること。</p>	1式
17	無停電電源装置 (UPS)	<p>商用電源の停電, 瞬断並びに電圧または周波数変化 時に前記1~9の装置を安定に作動させるものである こと。また, 連続5分間以上の停電に対応可能のこと。 電源制御機能を有するもの。</p>	1式
18	分電盤(PDB)	商用電源の電圧及び周波数の監視が可能のこと。	1式

番号	機 材 名	仕 様	数 量
Ⅲ	ソフトウェア	メッセージ等は英文表示のこと。	
1	メインフレーム	TSS及びバッチ処理の効率的並行処理の環境が実現可能のこと。	1式
2	言 語	COBOL	1式
		FORTRAN	1式
		ASSEMBLER またはそれに準ずるもの。	1式
3	ソフトウェア開発ツール	ソフトウェア開発サポート・プログラム	1式
4	システム・ユーティリティ	対話制御システム	1式
		ジョブ制御システム	1式
		データ管理サービス・プログラム	1式
		プログラム管理サービス・プログラム	1式
		運用管理サービス・プログラム	1式
		通信管理サービス・プログラム	1式
		対話処理サービス・プログラム	1式
5	パッケージ・ソフトウェア	リレーショナル・データベース・マネージメント・システム	1式
		データ通信システム	1式
		数値計算ライブラリ	1式
		統計計算ライブラリ	1式
		科学技術計算ライブラリ	1式
6	自己診断ソフトウェア	各装置の機能を検査し、異常部分の判断が可能であること。	1式
7	ターミナル・ソフトウェア	ホスト・コンピュータとの通信制御プログラム	60式
		MS-DOS	60式
		BASIC	60式
8	パソコン・ソフトウェア	MS-DOS&BASIC	各8式
9	パーソナル・コンピュータ・ソフトウェア	MS-DOS	12式
		UNIXまたはそれに準じるもの	12式
		BASIC	12式

番号	機材名	仕様	数量
10	グラフィック処理装置 ソフトウェア	COBOL	12式
		FORTRAN	12式
		PASCAL	12式
		MULTIPLAN	12式
		WORD PROCESSING	12式
		RELATIONAL DATA BASE PACKAGE	12式
		オペレーティング・システム	1式
		グラフィック処理ソフトウェア	1式
		その他支援ソフトウェア	1式

システム構成



(D R A F T)

THE INSTITUTE OF COMPUTER TECHNOLOGY PROJECT EQUIPMENT LIST

NO.	ITEM	DESCRIPTION	QUANTITY
	--- HARDWARE ---		
1.	Control Processing Unit (CPU)	<ul style="list-style-type: none">Processing speed: more than 1 MIPSCache memory: more than 16 KBMain memory: 16 MBTerminal: 60 sets	1
2.	Input & Output Control (IOC)	<ul style="list-style-type: none">I/O channel, High speed I/O channel	Q. required
3.	Operator Consol (CSL)	<ul style="list-style-type: none">Operator consolColor display (14", 8 colors)KeyboardFloppy disk drive (8", two drives)Serial dot printer	1
4.	Line Printer (LPR)	<ul style="list-style-type: none">More than 800 LPM	2
5.	Disk Drive Unit Controller (DKC)	<ul style="list-style-type: none">Terminal: 4 unitsCache memory: more than 32 MBTo be connected to high speed I/O channel	1
6.	Disk Drive Unit (DKU)	<ul style="list-style-type: none">Memory: more than 500 MBTransfer speed: more than 1 MBPS	4
7.	Magnetic Tape Drive Controller (MTC)		1
8.	Magnetic Tape Drive Unit (MTU)	<ul style="list-style-type: none">Recording density: 1600 BPI & 6250 BPITransfer speed: more than 500 KBPS/6250 BPI	2
9.	Communication Control Processor (CCP)	<ul style="list-style-type: none">To be connected with more than 60 ITS through high speed cableConnecting adapters	Q. required
10.	Intelligent Terminal (IT)	<ul style="list-style-type: none">To be connected with CCP16 bit microprocessorClock frequency: 8 MHzMain memory: more than 256 KBKeyboardColor display unit (14" 8 color)Floppy disk drive (5" One drives)Hard drive disk (10MB. One drive)	60
11.	Personal Computer (PC)	<ul style="list-style-type: none">16 bit microprocessorClock frequency: 8 MHzMain memory: more than 256 KBKeyboardColor display (14", 8 color)Floppy disk drive (5", two drives)Serial dot printerTo be compatible with IT in the item 10.	8

NO.	ITEM	DESCRIPTION	QUANTITY
12.	Data Entry Terminal (DET)	<ul style="list-style-type: none"> ◦ Display ◦ Keyboard ◦ Floppy disk drive (8", 1 MB, two drives) 	2
13.	Personal Computer (PC)	<ul style="list-style-type: none"> ◦ 16 bit microprocessor ◦ Clock frequency: 8 MHz ◦ Main memory: more than 512 KB ◦ Color display unit (14", 8 color) ◦ Keyboard ◦ Floppy disk drive (5", two drives) ◦ Serial dot printer ◦ Hard disk drive (20 MB, 1 drive) 	12
14.	HighQualityPrinter (LBP)		2
15.	MODEM (MDM)		4
16.	High Resolution Graphic Terminal (GPT)	<ul style="list-style-type: none"> ◦ 32 bit microprocessor ◦ Main memory: more than 4 MB ◦ Keyboard ◦ Color display unit resolution density more than 1,000 x 1,000 dots ◦ Floppy disk drive (5", two drive) ◦ Hard disk drive (more than 20 MB) ◦ Tablet & mouse ◦ X-Y plotter 	1
17.	Uninterruptable Power Supply Unit (UPS)		1
18.	Power Distribution Board (PDB)		1

NO.	ITEM	DESCRIPTION	QUANTITY
	--- SOFTWARE ---		
1.	Main Frame Software		1
2.	Language	<ul style="list-style-type: none"> ° COBOL ° FORTRAN ° ASSEMBLER 	1 1 1
3.	Program Development Tool		1
4.	System Utility	<ul style="list-style-type: none"> ° Interactive processing system ° Job control system ° Data management service programme ° Programme management service programme ° Operation management service programme ° Communication management service programme ° Interactive processing service programme 	1 1 1 1 1 1 1
5.	Package Software	<ul style="list-style-type: none"> ° Relational database management system ° Data communication system ° Numerical calculation library ° Statistic calculation library ° Scientific technical calculation library 	1 1 1 1 1
6.	Diagnostic Programme		1
7.	Terminal Software	<ul style="list-style-type: none"> ° Communication control programme to host computer ° MS-DOS ° BASIC 	60 60 60
8.	PC Software	<ul style="list-style-type: none"> ° MS-DOS ° BASIC 	8 8
9.	PC Software	<ul style="list-style-type: none"> ° MS-DOS ° UNIX ° BASIC ° PASCAL ° FORTRAN ° COBOL ° MULTIPLAN ° WORD PROCESSING ° RELATIONAL DATA BASE PACKAGE 	12 12 12 12 12 12 12 12 12
10.	Graphic Processing Unit Software	<ul style="list-style-type: none"> ° Operating system ° Graphic processing software 	1 1

<資料-4 ICT建物建設スケジュール表>

PROGRAMME OF WORK FOR THE PROPOSED STATISTICS & COMPUTER SCIENCE BUILDING COMPLEX - 4 STOREY BUILDING.

NO.	DESCRIPTION	UNIT	QTY	ACTUAL PROGRESS
01.	PRELIMINARIES			
02.	SUB-STRUCTURE			
a.	EXCAVATION & FILLING WORK	M ²	1332	
b.	BLINDING CONCRETE	M ²	877	
c.	FORM WORK (INCLUDING GROUND FLOOR SLABS & PLINTH BEAM)	M ²	69.9	
d.	REINFORCEMENT WORK (-DO-)	TONS	573	
e.	CONCRETING WORK -DO-	M ³	190	
f.	RUBBLE MASONRY WORK -UP TO D.P.C LEVEL	M ³		
03.	WORK FROM D.P.C LEVEL TO 1 ST FLOOR LVL			
a.	FORM WORK (INCLUDING 1 ST FLOOR SLAB)	M ²	1255	
b.	REINFORCEMENT WORK (-DO-)	TONS	52	
c.	CONCRETING WORK (-DO-)	M ³	214	
d.	BRICK LAYER	M ²	310	
e.	ELECTRICITY	POINTS	256	
04.	WORK FROM 1 ST FLOOR LEVEL TO 2 ND FLOOR			
a.	FORM WORK (INCLUDING 2 ND FLOOR SLAB)	M ²	1480	
b.	REINFORCEMENT WORK (-DO-)	TONS	33.5	
c.	CONCRETING WORK (-DO-)	M ³	214	
d.	BRICK LAYER	M ²	302	
e.	ELECTRICITY	POINTS	282	
05.	WORK FROM 2 ND FLOOR LEVEL TO 3 RD FLOOR			
a.	FORM WORK (INCLUDING 3 RD FLOOR SLAB)	M ²	1480	
b.	REINFORCEMENT WORK (-DO-)	TONS	32.6	
c.	CONCRETING WORK (-DO-)	M ³	214	
d.	BRICK LAYER	M ²	330	
e.	ELECTRICITY	POINTS	261	
06.	WORK FROM 3 RD FLOOR LEVEL TO ROOF LEVEL (INCLUDING MACHINE ROOM FLOOR SLAB)			
a.	FORM WORK	M ²	1745	
b.	REINFORCEMENT WORK	TONS	35.5	
c.	CONCRETING WORK	M ³	222	
d.	BRICK LAYER	M ²	590	
e.	ELECTRICITY	POINTS	286	
07.	ROOF - THIRD FLOOR	M ²	220	
08.	WORK ABOVE MACHINE ROOM FLOOR LVL			
a.	FORM WORK	M ²	595	
b.	REINFORCEMENT WORK	TONS	17.3	
c.	CONCRETING WORK	M ³	84	
d.	BRICK LAYER	M ²	70	
e.	ELECTRICITY			
09.	GENERAL ON ALL FLOORS			
a.	PLASTER - GROUND FLOOR	M ²	1119	
b.	PLASTER - 1 ST FLOOR	M ²	1119	
c.	PLASTER - 2 ND FLOOR	M ²	2285	
d.	PLASTER - 3 RD FLOOR	M ²	4085	
e.	PLASTER - MACHINE ROOM	M ²	805	
f.	PAVING - GROUND FLOOR	M ²	727	
g.	PAVING - 1 ST FLOOR	M ²	727	
h.	PAVING - 2 ND FLOOR	M ²	732	
i.	PAVING - MACHINE ROOM	M ²	30	
j.	CEILING - GROUND FLOOR	M ²	795	
k.	CEILING - 1 ST FLOOR	M ²	795	
l.	CEILING - 2 ND FLOOR	M ²	810	
m.	CEILING - 3 RD FLOOR	M ²	840	
n.	JOINERY			
o.	ALUMINIUM WORK (DOORS & WINDOWS)	NOS	55	
p.	ALUMINIUM (PARTITIONS)	M ²	1895	
q.	FITTINGS / FIXTURES			
r.	PAINTING - GROUND FLOOR	M ²	353	
s.	PAINTING - 1 ST FLOOR	M ²	353	
t.	PAINTING - 2 ND FLOOR	M ²	1475	
u.	PAINTING - 3 RD FLOOR	M ²	2705	
v.	PAINTING - 4 TH FLOOR	M ²	255	

PROGRAMME OF WORK FOR THE PROPOSED STATISTICS & COMPUTER SCIENCE BUILDING COMPLEX - AUDITORIUM

PROGRAMME

DESCRIPTION	TOTAL QTY.	UNIT	OCT '86	NOV '86	DEC '86	JAN '87	FEB '87	MAR '87	APR '87	MAY '87	JUN '87	JUL '87	AUG '87	SEP '87	OCT '87	NOV '87	DEC '87	JAN '88	FEB '88	MAR '88	APR '88	
01. SUB-STRUCTURE																						
a. BLINDING CONCRETE	652	M ²																				
b. EXCAVATION & FILLING WORK.	282	M ³																				
c. FORM WORK (INCLUDING GROUND FLOOR SLAB & PLINTH BEAM)	360	M ²																				
d. REINFORCEMENT WORK. (- DO -)	12	TONS																				
e. CONCRETING WORK. (- DO -)	195	M ³																				
f. RUBBLE MASONRY WORK UP TO D.P.C. LEVEL	200	M ³																				
02. SUPER-STRUCTURE																						
a. FORM WORK.	960	M ²																				
b. REINFORCEMENT WORK	19	TONS																				
c. CONCRETING WORK.	117	M ³																				
d. BLOCK MASONRY WORK.	650	M ²																				
e. ROOF WORK.	390	M ²																				
f. DOOR FRAMES / DOORS (TIMBER)	05	NOS																				
g. DOORS & WINDOWS (ALUMINIUM)	20	NOS																				
h. PLASTER.	2100	M ²																				
i. PAVIOR.	195	M ²																				
j. ELECTRICITY.	142	POINT																				
k. PLUMBER / DRAINER.																						
l. CEILING.	465	M ²																				
m. ALUMINIUM PARTITIONS.	30	M ²																				
n. TIMBER WALL PANELLING.	360	M ²																				
o. TIMBER STAGE.	70	M ²																				
p. FITTINGS / FIXTURES.																						
q. PAINTING.	459	M ²																				

<資料-5 ICT建物建設打合せ議事録>

本プロジェクトが入る“統計情報処理科学館”プロジェクトに係る建設委員会の討議々事録を入手したので2月6日時点までの全記録を収録する。

第一回	86. 1. 10	第十一回	86. 6. 13
第二回	86. 1. 27	第十二回	86. 10. 1
第三回	86. 2. 7	第十三回	86. 11. 7
第四回	86. 2. 21	第十四回	86. 11. 28
第五回	86. 3. 7	第十五回	86. 12. 10
第六回	86. 3. 21	第十六回	87. 1. 2
第七回	86. 4. 7	第十七回	87. 2. 6
第八回	86. 4. 25		
第九回	86. 5. 9		
第十回	86. 5. 30		

MINUTES OF THE INAUGURAL MEETING OF THE STATISTICS & COMPUTER
SCIENCE BUILDING PROJECT HELD ON 10.01.1986 AT 2.00 P.M. IN THE
BOARD ROOM OF UNIVERSITY OF COLOMBO.

Present: Prof.S.Wijesundera - Vice -Chancellor
Prof.L.M.V.Tillekeratne- Dean/Science
Prof.V.K.Samaranayake-Head/Statistics & Com. Science
Mr.H.M.N.Warakulle, Registrar
Mr.J.P.Madanayake, Bursar
Mr.J.H.V.de Alwis, Consultant Engineer
Mr.S.Wallipuranathan, Addl. Director/Dept.of Buildings
Mr.U.Iddawela, Chief Architect, -do-
Mr.P.Naganathar, Chief Structural Engineer -do-
Mr.Sunil Amendra, Engineering Consultants Ltd.
Mr.A.Ratnayake, -do-

The Vice-Chancellor welcomed the Consultants & the officers of the
Dept.of Buildings.

1.1 Progress Review Meetings

The Committee decided to have meetings on every other Friday
at 2.00 p.m. in the Board Room of the University of Colombo
commencing from 24.01.86.

1.2 Site Lay out Plan

The Committee approved the site lay out plan No.3093/SK/001
submitted by Engineering Consultants Ltd. The Committee would
make comments (eg. on location of toilets) when the detailed
working drawings are received.

1.3 Total Estimated Cost of the Building

The Consultants agreed to give the exact TEC at the next meeting
for the two stages separately.

1.4 Consultative Team

The members of the Consultative Team headed by Mr.Wallipuranatha,
Addl. Director/Buildings informed that all of them would not be
able to attend all the meetings. When Mr. Wallipuranathan is not
there his powers would be delegated to Mr, U.Iddawela, the
Chief Architect-Dept.of Buildings.

1.5 Flat Roof

The Committee decided that the flat roof be sloped for draining of water in two directions.

1.6 Notice of Pre-qualification of Contractors

The Committee approved the notice sent along with the letter dated 7.01.86 by Engineering Consultants Ltd.

1.7 Soil Report

The Consultants agreed to contract the Engineer of the NBRO on Thursday, the 16th instant and to report at the next meeting.

1.8 Air Conditioning and lifts

The committee agreed that these items of work be handed over to another contractor other than the main contractor.

The meeting ended at 3.30 p.m. The Next meeting will be held on 24.01.1986 at 2.00 p.m. in the Board Room of University of Colombo.

Dhammad Chandratilake

(Mrs.D.Chandratilake),

Asst.Registrar/Capital Works & Planning

20.1.1986.

MINUTES OF THE 2ND PROGRESS REVIEW COMMITTEE MEETING OF THE
STATISTICS & COMPUTER SCIENCE BUILDING PROJECT HELD ON
27.01.86 AT 2.00 P.M. IN THE BOARD ROOM OF UNIVERSITY OF COLOMBO

PRESENT: PROF. S. WIJESUNDERA, VICE-CHANCELLOR
PROF. V. K. SAMARANAYAKE, HEAD, STATISTICS & COMPUTER SCIENCE
MR. H. M. N. WARAKAULLE, REGISTRAR
MR. J. P. MADANAYAKE, BURSAR
MR. J. H. V. DE ALWIS, CONSULTANT ENGINEER
MR. S. WALLIPURANATHAN, ADDL. DIRECTOR/DEPT. OF BUILDINGS
MR. U. IDDAWELA, CHIEF ARCHITECT, DEPT. OF BUILDINGS
MR. P. NAGANATHAR, CHIEF STRUCTURAL ENGINEER, DEPT. OF BUILDINGS
MR. S. GNANASEKERAM, CHIEF QUANTITY SURVEYOR, DEPT. OF BUILDINGS
MR. A. RATNAYAKE, ENGINEERING CONSULTANTS LTD
MR. S. ALENDRA, -do-
MRS. D. CHANDRATILAKE, AR/CWP

2.1 CONFIRMATION OF MINUTES

Minutes of the inaugural meeting of the Statistics & Computer Science building project held on 10.01.86 were confirmed.

2.2 BUSINESS ARISING FROM MINUTES

Nil

2.3 TOTAL ESTIMATED COST OF THE PROJECT

The Consultants submitted a summary of costs for stage I of the building project amounting to Rs. 31,708 m and explained the details. The TEC for both stages would be approximately Rs. 50 m. A lengthy discussion ensued. The Committee decided that the University should request the Treasury to allocate funds for stage I only, in the first instance.

2.4 FLAT ROOF

A plan showing an elevation from the Arts Theatre side was submitted by the Consultants, who explained the position of gutters (concrete gutters outside the outer skin), and draining of water thro' them. Further, the Consultants recommended a mat-finish for outside. The committee would decide on this matter later as it seemed to be fairly expensive.

2.5 PRE-QUALIFICATION OF CONTRACTORS

The Vice-Chancellor instructed the Registrar to send the notice of pre-qualification of contractors to the press pending the approval of Cabinet of Ministers.

2.6 SOIL REPORT

The Consultants reported that the soil is good upto 6 metres and between 8-15 metres. The layer between 6 -8 metres is peat. The Consultants stated that it is risky, but they have so designed the building that the foundation upto 6 metres would be sufficient, as the foundation beyond that level would cost the University more than Rs. 3 m. The detailed soil report would be received by the Consultants on 28.01.86.

2.7 APPLICATION TO THE UDA

The preliminary planning to obtain the approval of the UDA for construction of the building had been referred to the Registrar by the Consultants.

2.8 SUPPLY OF WATER AND ELECTRICITY

The Consultants stated that the capacity of electricity required for the building is 300 KVA. The Vice-Chancellor instructed the Registrar to get these items of work attended to by the SAR/UED. The Committee felt that it would be useful if a representative from the CEB is invited for the next meeting.

2.9 DESIGN OF THE AUDITORIUM

The Committee approved the design of the Auditorium subject to a slight variation of seating in the front.

3.0 PROGRESS OF WORK

Proposed time schedule for design and construction of the building was tabled at the meeting by the Consultants.

- 3.0.1 Preliminary sketch designs - completed.
- 3.0.2 Final architectural designs - completed.
- 3.0.3 Structural designs/super structure-in progress.
- 3.0.4 Service designs - in progress.
- 3.0.5 Soil investigation - detailed report would be received by the Consultants on 28.01.86.

The meeting ended at 3.45 p.m. The next meeting will be held on 07.02.86 at 2.00 p.m. in the Board Room of University of Colombo.

Shanmug Chandra

.....
Asst.Registrar/Capital Works & Planning,
University of Colombo.

6.2.1986.

MINUTES OF THE 3RD PROGRESS REVIEW COMMITTEE MEETING
OF THE STATISTICS & COMPUTER SCIENCE BUILDING PROJECT
HELD ON 7TH FEBRUARY 1986 AT 2.00 P.M. IN THE BOARD
ROOM OF THE UNIVERSITY OF COLOMBO.

PRESENT:

PROFESSOR L.M.V.TILLEKERATNE - DEAN/SCIENCE, (CHAIRMAN)
PROFESSOR V.K.SAMARANAYAKE, HEAD/DEPARTMENT OF STATISTICS &
COMPUTER SCIENCE
MR.J.H.V.DE ALWIS - CONSULTANT ENGINEER
MR.U.IDDAWELA - ADDITIONAL DIRECTOR AND CHIEF ARCHITECT,
DEPARTMENT OF BUILDINGS
MR.P.NAGANATHAR - CHIEF STRUCTURAL ENGINEER,
DEPT.OF BUILDINGS
MR.S.GNANASEKERAM - CHIEF QUANTITY SURVEYOR,
DEPT.OF BUILDINGS
MR.S.AMENDRA - DIRECTOR, ENGINEERING CONSULTANTS LTD.
MR.N.O.MENDIS - CHIEF ELECTRICAL ENGINEER, -do-
MR.S.KANDIAH - CHIEF ARCHITECT -do-
MR.A.SRIKANTHA - ENGINEER -do-

ON INVITATION: MR.B.V.SUGATHAPALA - SENIOR ASSISTANT REGISTRAR/
UNIVERSITY ESTATE DEVELOPMENT
MR.J.PERERA - ELECTRICAL ENGINEER/PLANNING,
CEYLON ELECTRICITY BOARD.

3.1 CONFIRMATION OF MINUTES

The Minutes of the 2nd meeting held on 27.01.1986 were confirmed subject to the following amendments:-

- 3.1.1 In the first sentence of Item No. 2.3 the amount "Rs.31,708 m" to be amended to read as "Rs.31.708 m".
- 3.1.2 In the second sentence of Item No.2.4 the words 'mat-finish' be replaced by the words "decorative plaster".
- 3.1.3 The first two sentences of Item No. 2.6 to be amended to read as "9.00 m to 10.5 m
The density gradually changes with a stiff brittle, non plastic peat horizon to 0.70 m thickness followed by a 0.86 m fat stiff clay layer of fairly high plasticity".

3.2 BUSINESS ARISING FROM MINUTES.

- 3.2.1 Pre-qualification of Contractors - Item No. 2.5
The Chairman informed the Committee that the Registrar had sent the Cabinet Memorandum to the Ministry of Higher Education to be forwarded to the Cabinet of Ministers, with the TEC for Stage I shown as Rs. 32 m.

The Committee was informed that so far thirty people had responded to the press notice and the applications for pre-qualifications of Contractors will be closed on 14th February 1986.

3.2.2 Soil Report - Item No. 2.6

The ECL stated that they were satisfied with the soil investigation report received by them on 29.1.86.

Mr. Naganathar informed the Committee that it would be necessary to have one 10 metre bore hole or two 5 metre bore holes in addition to that was done so far.

He agreed to send an officer to investigate further.

Mr. de Alwis ^{suggested} stated that, upto a total of three bore holes should be done by ECL and if it is necessary to go beyond that the University may ~~have to~~ re-consider the cost.

It was agreed that this activity is concluded as soon as possible and reported to the next Progress Review Committee meeting.

3.2.3. Application to the UDA - Item No. 2.7

The Chairman informed the Committee that the Vice-Chancellor had written to the UDA and the final architectural drawings will be submitted to the UDA as soon as possible.

3.2.4 Supply of Water & Electricity

The representative from the CEB, Mr. J. Perera stated that the supply of electricity could be given to this building from the substation to be installed for Chemistry/Physics buildings and a separate supply of electricity of capacity 300 KVA. The connection from the transformer to the building would cost about Rs. 100,000/-. Mr. B. V. Sugathapala, SAR/UED was requested to attend to this item of work.

3.2.5 Design of the Auditorium - Item No. 2.9

The variation of seating in the front had been attended to by the ECL.

3.2.6 Progress of Work - Item No. 2.1

- (1) Structural designs/super structure - still in progress.
- (2) Service designs - completed.
- (3) Soil investigation - continuing as per 3.2.2.
- (4) Foundation designs - in progress
- (5) Preparation of BOQ & tender document - in progress
- (6) Pre-qualification of tenderers - advertised.

3.3. CLEARING THE SITE

The Committee decided that -

- (1) the Contractor should be given a clear site after demolishing the existing buildings occupying the area for stage I, to the ground level.
- (2) if any building outside Stage I could be retained, it may be given to the Contractor for use as his office room.
- (3) there should be separate supply of water and electricity for the site.
- (4) Demolition should be done on a pay, demolish and remove basis.
- (5) ECL agreed to give the specifications to call for tenders for (4) above.

3.4 DRAINAGE SYSTEM.

The ECL pointed out that there was a drainage system going under the proposed building site and they stated that this would create problems in constructing the buildings. It was decided to request Mr. Sugathapala to obtain a report on the present condition of the drainage system with the assistance of the Colombo Municipal Council.

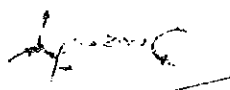
The ECL was requested to consult Mr. Alex Fernando of the UDA regarding sewerage disposal.

3.5 PLANS FOR STAGE II

The ECL handed over a sketch drawing of the Stage II for perusal.

3.6 LETTER FROM UNIVERSITY LAWYERS

The Chairman tabled a letter dated 26th January 1986 received by the Vice-Chancellor from the University Lawyers indicating that the Consultancy agreement was legally in order.



.....
Senior Assistant Registrar/UED

17 th February 1986.

MINUTES OF THE 4TH MEETING OF THE PROGRESS REVIEW COMMITTEE
OF THE STATISTICS AND COMPUTER SCIENCE BUILDING PROJECT HELD
ON 21.2.86 IN THE BOARD ROOM OF UNIVERSITY OF COLOMBO

Present: Prof.S.Wijesundera	Vice-Chancellor
Prof.L.M.V.Tillekeratne	Dean-Science
Prof.V.K.Samaranayake	Head Statistics & Computer Science
Mr.H.M.N.Warakaulle	Registrar
Mr.U.Iddawola	Addl. D/B & Chief Architect Dept. of Buildings
Mr.S.Gnanasekeram	Chief Quality Surveyor Dept. of Buildings
Mr.A.Ratnayake	M/D Engineering Consultants Ltd.
Mr.Somaskandiah	Chief Architect - do -
Mr.N.O.Mendis	- do -
Mrs.D.Chandratilake	Asst.Registrar/CWP
Excuses: Mr.J.H.V.de.Alwis	Consultant Engineer

4.1. CONFIRMATION OF MINUTES

The minutes of the 3rd meeting of the Progress Review Committee held on 7th February 1986 were confirmed subject to the following amendments.

- a. Correct - the word 'stated' to read as 'suggested' in para 3 of minute 3.2.2.
- b. Delete - the words 'have to' in para 3 of minute 3.2.2.

4.2. BUSINESS ARISING FROM MINUTES

4.2.1. Prequalification of Contractors (Item No. 3.2.1.)

The Committee accepted the late prequalification documents received from - Nawaloka Group of Companies

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Ballast Nedam

and decided not to accept any more.

4.2.2. Soil Report - Item No, 3.2.2.

The Consultants stated that three (03) bore holes had been done and a foundation of 2.5 metres would be adequate.

4.2.3. Application to the UDA - Item No. 3.2.3.

The Consultants submitted the application for approval for construction of the building by the Municipal Commissioner. The AR/CWP was instructed to send it duly completed. The Consultants stated that the final architectural drawings were ready.

4.2.4. Supply of Water & Electricity - Item No. 3.2.4.

- a. The Consultants stated that there would be no problem with regard to the supply of water.
- b. SAR/UED would take action regarding the supply of electricity.

4.2.5. Progress of work - Item No. 3.2.6

- a. Structural Designs/super structure - main building completed except the Auditorium
- b. Service designs - completed except the sewerage drawings
- c. Soil Investigation - completed
- d. Foundation designs - in progress.

4.2.6. Clearing the Site

The Registrar informed the Committee that the University would tender for clearance of site.

4.2.7. Drainage System - Item No. 3.4.

The Consultants had done a preliminary survey with the assistance of the Ceylon Municipal Council and the Maintenance Dept. of the University. The Consultants would find out whether the University could divert the sewer lines to the existing manhole leading to the Thurstan Road sewers.

4.2.8. Plans for Stage II

The Consultants had handed over the plans for stage II. to Prof.V.K.Samaranayake, Head of the Dept. of Statistics & Computer Science,

4.3. PREPARATION OF BOQ AND TENDER DOCUMENTS

A document was submitted by the Consultants seeking for clarification on certain matters.

- a. The Consultants suggested that the Tender Documents should be prepared in two volumes. The Committee agreed.
- b. The Committee confirmed the following:
1. Name and address of Employer - Vice Chancellor of the University of Colombo, Sri Lanka.
 2. Name and address of Engineer, Engineering Consultants Ltd.
 3. Bid Bond- The Tenderer to furnish a Bid Bond upto 2% of the value of total tender exclusive of contingencies. Such a bond may be furnished either in cash or from a reputed Bank or Insurance Company.
 4. Amount of Performance Bond - The Contractor to furnish a Bond upto 5% of the value of the contract exclusive of contingencies. Such a Bond may be furnished from a Bank or an Insurance Company.
 5. Period of Completion - 18 months
 6. Period of Maintenance - As usual for building projects, a maintenance period of 12 months from the date of handing over of the completed works.
 7. Retention - Retention money of 10% of the value of work certified for payment upto a maximum of 5% of the Contract Sum. On successful completion of the project half the retention money withheld shall be released to the Contractor and the balance shall be released after expiry of the maintenance period.
 8. Period for honouring interim claims - 30 days from the date of delivery of the bills to the Engineer.
 9. Liquidated damages - Liquidated damages shall be recovered for each and every calendar day's delay or part thereof on the completion and handing over of the works from the date of scheduled or extended completion as follows:
1/4000th part of the Contract Value which would in effect really cover only a fraction of the ascertained losses + Rs. 1,500/- only which cover the direct expenses incurred by the Engineer for prolonged supervision of the works.

- b. The Committee approved the substitution of
"The Consultative Team appointed by the Secretary, Ministry of
Local Government and Housing Construction" in place of
"the Director of Buildings".

Dhanu Chandratilake

(Mrs. D. Chandratilake)

Asst. Registrar/Capital Works & Planning

University of Colombo,
Colombo 3,

6th February, 1986.

MINUTES OF THE 5TH MEETING OF THE PROGRESS REVIEW COMMITTEE OF THE
STATISTICS & COMPUTER SCIENCE BUILDING PROJECT HELD ON 07.03.1986
AT 2.00 P.M. IN THE BOARD ROOM OF UNIVERSITY OF COLOMBO.

PRESENT: MR.H.M.N.WARAKAULLE, REGISTRAR (CHAIRMAN)
PROF.V.K.SAMARANAYAKE, CO-ORDINATOR TO THE BUILDING PROJECT
MR.J.H.V.DE ALWIS, CONSULTANT ENGINEER
MR.A.RATNAYAKE, ENGINEERING CONSULTANTS LTD.
MR.SOMASKANDIAH -do-
MRS.D.CHANDRATILAKE, AR/CWP

5.1 CONFIRMATION OF MINUTES

The Minutes of the 4th meeting of the Progress Review Committee Meeting held on 21.02.1986 were confirmed.

5.2 BUSINESS ARISING FROM MINUTES

5.2.1 Pre-qualification of Contractors (Item No.4.2.1)

The Consultants had rejected the prequalification of ETA MELOO, as it had not been submitted in the prescribed form. The Committee decided not to accept any more applications received late.

5.2.2 Soil Report (Item No.4.2.2)

The Chief Structural Engineers of the Consultative Team and Engineering Consultants Ltd had approved the foundation design.

5.2.3. Application to the UDA (Item No.4.2.3)

The Consultants agreed to get the application fee which should be payable to the Municipal Treasurer by the University.

5.2.4 Progress of work (Item No.4.2.5)

- (a) Structural designs/super structure - completed.
- (b) Service designs - completed except the sewerage drawings.
- (c) Foundation designs - in progress.

5.2.5 Clearing the site (Item No.4.2.6)

The Chairman stated that the University would call for tenders in the following week.

5.2.6 Drainage system (Item No.4.2.7)

The Consultants advised the University to do the demolition of buildings without damaging the existing sewer lines. SAR/UED was requested to obtain the invert level, road level and land level from the CMC.

5.2.7 Plans for Stage II

Prof.V.K.Samaranayake pointed out the need of a Museum for Stage II. Public address system also to be kept in mind.

5.3 ARCHITECTURAL DRAWINGS

The Committee decided to have a full day meeting for checking of drawings. The Consultants would inform a date.

5.4 CHECKING OF BILLS

5.4.1 The Committee decided that a joint checking be done by the Engineer of the Consultants and the Engineer of the Dept. of Buildings in respect of bills submitted by the Contractor. The payment certificates be certified by the Consultants and the Chairman of the Consultative Team.

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5.4.2 The payment certificates of the Consultants be certified by the
Chairman of the Consultative Team for payment.

Dhanraj Chandratilake

(D.CHANDRATILAKE),
ASST.REGISTRAR/CAPITAL WORKS & PLANNING,

12.3.1986,
University of Colombo.

MINUTES OF THE 6TH MEETING OF THE PROGRESS REVIEW COMMITTEE OF THE
STATISTICS & COMPUTER SCIENCE BUILDING PROJECT HELD ON 21.03.1986
AT 2.00 P.M. IN THE VICE-CHANCELLOR'S OFFICE.

PRESENT: Mr.H.E.N.Waraskulle, Registrar (Chairman)
Prof.V.K.Samaranayake, Co-ordinator to the Building Project
Mr.U.Iddawela, Addl. D/B & Chief Architect
Mr.S.Gnanasekeram, Chief Quantity Surveyor
Mr.J.H.V.de Alwis, Consultant Engineer
Mr.S.Amendra, Director, Engineering Consultants Ltd.
Mr.A.Srikantha, Structural Engineer, -do-
Mrs.D.Chandratilake, AR/CWP

6.1 Confirmation of Minutes:

The Minutes of the 5th Meeting of the Progress Review Committee held on 07.03.86 were confirmed.

6.2 Business arising from Minutes:

6.2.1 Prequalification of Contractors - (Item No.5.2.1)

The Consultants had submitted their report in triplicate, recommending 12 firms for consideration. Copies of the report were handed over to Vice-Chairman of the Consultative Team and Prof.V.K.Samaranayake for their observations. ECL to give amended sheet regarding the marks for contractors.

6.2.2 Application to the UDA (Item No.5.2.3)

Action has been taken to pay an application fee of Rs.18,234/75 to the UDA.

6.2.3 Progress of work (Item No.5.2.4)

- (a) Service designs - Completed except sewerage drawings.
- (b) Foundation designs - Completed. Consultants to fix a meeting with Mr.Naganathar.
- (c) Contract documents - Drafts submitted - Copies have been sent to University Lawyers, Chairman of the Consultative Team and the Co-ordinator to the project. Engineering Consultants Ltd, agreed to finalise the architectural, service and foundation designs with the Consultative Team and submit them for the formal approval of the Committee.

6.2.4 Clearing the site

The Chairman informed the Committee that work would commence the following week. To give these works for clearing starting from Health Centre side.

6.2.5 Drainage System - (Item No.5.2.6)

Work was in progress.

6.3 Drawings

It was agreed that each person of the Consultants meet his counterpart in the Consultative Team and iron out problems. Then a meeting could be held for formal approval.

The meeting ended at 3.45 p.m. and the next meeting will be held on 4th April 1986 at 2.00 p.m. in the Board of University of Colombo.

D. Chandratilake

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(D. Chandratilake),
Asst. Registrar/Capital Works & Planning,
University of Colombo.

27.03.1986.

MINUTES OF THE 7TH MEETING OF THE PROGRESS
 REVIEW COMMITTEE OF THE STATISTICS & COMPUTER SCIENCE
 BUILDING PROJECT HELD ON 07.04.1986 AT 2.15 P.M.
IN THE BOARD ROOM OF THE UNIVERSITY OF COLOMBO

PRESENT:	Prof.S.Wijesundera,	Vice-Chancellor
	Prof.V.K.Samaranayake	Co-ordinator, Building Project
	Mr.H.M.N.Warakaulle	Registrar
	Mr.J.P.Madanayake	Bursar
	Mr.S.Wallipurathan	Addl. Director, Dept. of Buildings
	Mr.U.Iddwela	Addl. Director of Buildings
	Mr.P.Naganathar	Chief Structural Engineer, Dept. of Buildings
	Mr.S.Gnanasokeram	Chief Quantity Surveyor, Dept. of Buildings
	Mr.Sunil Amendra	Director, Engineering Consultants Ltd.
	Mr.A.Widanapathirana	Auditor, "
	Mrs.D.Chandratilake	Asst. Registrar/CWP
EXCUSES:	Mr.J.H.V.de.Alwis	Consultant Engineer

7.1. CONFIRMATION OF MINUTES

The Minutes of the 6th meeting of the Progress Review Committee held on 21-03-1986 were confirmed subject to the following amendments:-

- a. Correct the last sentence of Minute No. 6.2.1. to read as "ECL to give amended sheet regarding the marks allocated for financial tender capacity of the Contractors".
- b. Correct the first sentence of Minute No. 6.2.3. (c) to read as "Draft of Contract document (Vol. I) was submitted by Consultants".

7.2. BUSINESS ARISING FROM MINUTES

7.2.1. Prequalification of Contractors (Item No. 6.2.1.)

The Consultants submitted an amended evaluation sheet for Contractors.

7.2.2. Approval of the UDA (Item No. 6.2.2.)

The UDA had given the approval for preliminary planning by their letter No. 02/36/PA/09/86 dated 3rd April 1986.

7.2.3 Progress of work (Item No. 6.2.3)

a. Service Designs - Completed.

b. Foundation Designs - Delayed by two weeks. This was due to soil investigation.

c. Contract Documents - Draft of Vol. 1 already submitted. Consultative Team to give their observations.

An advance copy of Vol. 11 to be submitted to the Consultative Team on 09.04.1986.

(d) Architectural Drawings - A complete set was handed over to the Chief Architect on 07.04.1986.

e. Structural Drawings - Consultants to submit the drawings with calculation sheets to the Consultative Team on the dates indicated below:-

Auditorium - 07.04.1986

Main Building - 09.04.1986

Service Core - 11.04.1986

f. B.O.Q. - An advance copy of the B.O.Q. to be submitted to the Chief Quantity Surveyor on 21.04.1986 and the Consultative Team to give their comments within two weeks from that date.

The Committee noted that the progress of work was behind schedule by two weeks.

7.2.4 Clearing the Site (Item No. 6.2.4)

The Registrar was requested to instruct the Works Engineer to look into the above matter and not to disturb the existing sewer lines.

7.2.5 Drainage System (Item No. 6.2.5)

The Consultants had contacted the Municipality. Sewer lines to be connected to the existing manhole on the Thurstan side as there was no sewer line on Reid Avenue.

The meeting ended at 3.10 p.m. The next meeting will be held on 25th April 1986 at 2.00 p.m. in the Board Room of the University of Colombo.

Shamsh Chandratilake

(Mrs. D. Chandratilake)

Asst. Registrar/Capital Works & Planning.

21st April, 1986.

smd/.

MINUTES OF THE 8TH MEETING OF THE PROGRESS REVIEW COMMITTEE
OF THE STATISTICS & COMPUTER SCIENCE BUILDING PROJECT HELD ON
25.04.86 AT 2.00 P.M. IN THE BOARD ROOM OF UNIVERSITY OF COLOMBO.

PRESENT: PROF.L.M.V.TILLEKERATNE, DEAN/SCIENCE (CHAIRMAN)
MR.H.M.N.WARAKAULLE, REGISTRAR
PROF.V.K.SAMARANAYAKE, HEAD, STATISTICS & COMPUTER SCIENCE DEPT.
MR.U.IDDAWELA, ADDL. D/B & CHIEF ARCHITECT
MR.P.NAGANATHAR, CHIEF, STR. ENGINEER,
MR.J.H.V.DE ALWIS, CONSULTANT ENGINEER,
MR.S.AMENDRA, DIRECTOR, ENGINEERING CONSULTANTS LTD.
MR.A.GNANADIPATHY, ENGINEER -do-
MR.A.SRIKANTHA, ENGINEER -do-
MRS. D.CHANDRATILAKE, AR/CWP

Confirmation of Minutes

The Minutes of the 7th Meeting of the Progress Review Committee held on 07.04.86 were confirmed subject to the following amendments.

- a. Correct - the designation of Mr.A.Widanapathirana of Engineering Consultants Ltd. to read as 'Architect'.
- b. Correct - the 2nd paragraph of (c) of item No.7.2.3 to read as 'An advance copy of Vol. II to be submitted by the Consultants to Consultative Team on 09.04.86 and the Consultative Team to give their comments on or before 21.04.86 and to finalise this on 25.04.86'.
- c. Delete - (f) of item No.7.2.3
- d. Add - To the last sentence of item No.7.2.3 -"due to (b) above and it was expected that this delay would be caught up later".

8.2 Business Arising from Minutes

8.2.1 Prequalification of Contractors (item No.7.2.1)

A decision of the Cabinet of Ministers was awaited.

8.2.2 Approval of the UDA (Item No. 7.2.2)

Consultants agreed to clarify the comments made by the UDA.

8.2.3 Progress of work (Item No.7.2.3)

- (a) Foundation designs - completed.
- (b) Contract documents - Consultative Team to submit their observations re. Vol. I & II on or before 02.05.86.
- (c) Architectural drawings - Chief Architect approved the architectural drawings.
- (d) Structural drawings - The Chief St.Engineer of the Dept. of Buildings submitted a report.
(A copy was handed over to Consultants). The Committee noted that there were no basic changes.

Re-location of Pump-House

The Consultants did not agree with the re-location of pump house but agreed to build it in such a way to suit the requirements of the University.

8.4 External sewerage services

Letter No.3093 dated 21.04.86 together with a layout plan of Engineering Consultants Ltd. was tabled at the meeting and the committee noted the contents.

8.5 Tentative Time Table

8.5.1 Consultative Team to submit Tender Documents Vol. I & II - 02.05.86.
In the meanwhile to get an appointment with University Lawyers and get the tender documents approved.

8.5.2 Tender action
(Pending no serious problems would arise) - 09.05.86.

8.5.3 (a) Members of the Cabinet appointed T.B. to approve the pre-qualified tenderers - 16.05.1986

(b) Issue of tender documents - 16.05.1986

(To be given one month to the tenderers to collect and perfect the tender).

8.5.4 The Committee decided that 15 copies each of tender documents Vol. I and II be prepared by Consultants.

The Meeting ended at 3.32 p.m. The next meeting will be held on 09.05.86 at 2.00 p.m. in the Board Room of the University of Colombo.

Khanum Chandrahath

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ASST.REGISTRAR/CAPITAL WORKS & PLANNING?

University of Colombo,
Colombo-3.

MINUTES OF THE 9TH MEETING OF THE PROGRESS REVIEW COMMITTEE OF THE
STATISTICS & COMPUTER SCIENCE BUILDING PROJECT HELD ON 9TH MAY 1986
AT 2.00 P.M. IN THE BOARD ROOM OF UNIVERSITY OF COLOMBO.

PRESENT: PROF.S.WIJESUNDERA, VICE-CHANCELLOR (CHAIRMAN)
PROF.V.K.SAMARANAYAKE, CO-ORDINATOR, BUILDING PROJECT & HEAD
OF STATISTICS & COMPUTER SCIENCE DEPT.
MR.H.M.N.WARAKAULLE, REGISTRAR
MR.J.H.V.DE ALWIS, CONSULTANT ENGINEER
MR.A.RATNAYAKE, ENGINEERING CONSULTANTS LTD.
MR.S.AHENDRA, -do-
MRS.D.CHANDRATILAKE, AR/CWP

9.1 Confirmation of Minutes;

The Minutes of the 8th Meeting of the Progress Review Committee held on 25.04.86 were confirmed.

9.2 Business arising from minutes:

9.2.1 Pre-qualification of contractors (Item No.8.2.1)

The Chairman instructed the AR/CWP to have all the relevant documents ready to be placed before the Tender Board.

9.2.2 Approval of the UDA (Item No.8.2.2)

The Chairman instructed the AR/CWP to get the approval of the Colombo Municipal Council for the Building application submitted to them.

9.2.3 Progress of work (Item No.8.2.3)

(a) Contract Documents - Observations of the Consultative Team were awaited.

(b) Structural Drawings - Observations of the Consultative Team were awaited.

9.2.4 Tentative Time Table;

The Committee decided to act according to the tentative time table as far as possible.

9.3 Payment to Consultants:

Committee decided to make an 'on account' payment of Rs.200,000/- until the recommendation of the Consultative Team was received.

The meeting ended at 2.40 p.m. The next meeting will be held on 30th May 1986 at 2.00 p.m. in the Board Room of the University.

D. Chandratilake
(D.Chandratilake),
Asst.Registrar/Capital Works & Planning,
University of Colombo.

21/5/1986

MINUTES OF THE 10TH MEETING OF THE PROGRESS REVIEW COMMITTEE
OF THE STATISTICS & COMPUTER SCIENCE BUILDING PROJECT HELD ON
30TH MAY 1986 AT 2.30 P.M. IN THE BOARD ROOM OF THE UNIVERSITY
OF COLOMBO, COLOMBO-3.

PRESENT; PROF.V.K.SANARANAYAKE, HEAD, STATISTICS & COMPUTER SC.(CHAIRMAN)
MR.H.M.N.WARAKAULLE, REGISTRAR

MR.J.H.V.DE ALWIS, CONSULTANT ENGINEER
MR.S.WALLIPURANATHAN, ADDL.DIRECTOR, DEPT.OF BUILDINGS

MR.P.NAGANATHAR, CHIEF STRUCTURAL ENGINEER, DEPT.OF BUILDINGS

MR.S.GNANASEKERAM, CHIEF QUANTITY SURVEYOR, -do-

MR.A.RATNAYAKE, ENGINEERING CONSULTANTS LTD.

MR.M.SUPRAMANIAM, DEPUTY DIRECTOR, DEPT.OF BUILDINGS

MRS. D.CHANDRATILAKE, AR/CWP.

10.1 Confirmation of minutes

Minutes of the 9th Meeting of the Progress Review Committee held
on 9th May 1986 were confirmed.

10.2 Business arising from minutes;

10.2.1 Pre-qualification of Contractors (Item No.9.2.1)

The Chairman informed the Committee that a meeting of the
Tender Board appointed by the Cabinet would be held on
02.06.86 at 11.30 a.m. in the office of the Secretary,
Ministry of Higher Education.

10.2.2 Payments to Consultants:

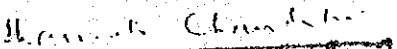
The payment requested by Consultants had been paid to them
on the recommendation of the Consultative Team.

10.3 Method of Measurement:

The Chief Quantity Surveyor of the Department of Buildings queried
on this matter and the Consultants explained the position and the
committee accepted the method adopted by Consultants.

The Committee decided to await the decisions of the Tender Board.

The meeting ended at 3.15 p.m.


(D.Chandratilake),
Asst.Registrar/Capital Works & Planning,
University of Colombo.

5/6/1986.

MINUTES OF THE 11TH MEETING OF THE
PROGRESS REVIEW COMMITTEE OF THE
STATISTICS & COMPUTER SCIENCE BUILDING
PROJECT HELD ON 13TH JUNE 1986 AT 2.00 P.M.
IN THE BOARD ROOM OF THE UNIVERSITY OF
COLOMBO

PRESENT: Prof.L.M.V.Tillekaratne	Actg. Vice-Chancellor
Prof.V.K.Samaranayake	Co-ordinator, Building project & Head/Dept. of Statistics & Computer Sc.
Mr. H.M.N.Warakaulle	Registrar
Mr.J.P.Madanayake	Bursar
Mr.J.H.V.de.Alwis	Consultant Engineer
Mr.S.Vallipurathan	Adl. Director, Dept. of Buildings
Mr.U.Iddawela	Adl. Director, Dept. of Buildings
Mr.M.Supiramaniam	Deputy Director, "
Mr.A.Ratnayake	Engineering Consultants Ltd.
Mrs.D.Chandratilake	Asst. Registrar/CWP

11.1. CONFIRMATION OF MINUTES

Minutes of the 10th Meeting of the Progress Review
Committee held on 30th May 1986 were confirmed.

11.2. BUSINESS ARISING FROM MINUTES

11.2.1. Selection of a Contractor

- a. The Chairman informed the Committee that the procedure
adopted by the University in -
Selection of Consultants for the project &
Pre-qualification of Contractors,

had been approved by the Tender Board appointed by the
Cabinet at the meeting held on 2nd June 1986 in the
office of the Secretary, Ministry of Higher Education.

b. The Consultants stated that two prequalified tenderers had declined to tender. Tender documents would be issued from the office of the Consultants during office hours from 16th June 1986 till 30th June 1986. Tenders close at 2.30 p.m. on 16th July 1986. The Senior Asst. Secretary, Ministry of Higher Education, had been informed of this by the Consultants.

c.

c. All the Tenderers would be invited for a meeting in the office of the Consultants in early July 1986.

A representative from the University and the Consultative Team would also be invited for that meeting.

Minutes of that meeting will be sent to all the tenderers by the Consultants.

d. The Consultants further stated that the construction work could commence by September 1986.

11.3. APPROVAL OF THE MUNICIPALITY

The Chairman instructed AR/CWP to request SAR/UED to expedite this matter.

The meeting ended at 2.30 p.m. The next meeting will be held after 16th July, 1986.

Dhanraj Chandratilake
(Mrs.D.Chandratilake)

Asst. Registrar/Capital Works & Planning

17th June, 1986.

Confirmed.

H. S. S. S.
Vice-Chancellor.

01.10.86.

MINUTES OF THE 12TH MEETING OF THE PROGRESS REVIEW COMMITTEE MEETING
OF THE STATISTICS AND COMPUTER SCIENCE BUILDING PROJECT HELD ON
1ST OCTOBER 1986 IN THE BOARD ROOM OF THE UNIVERSITY OF COLOMBO.

PRESENT: PROF. S. WIJESUNDERA, VICE-CHANCELLOR
✓ PROF. L.M.V. TILLEKERATNE, DEAN/SCIENCE
✓ PROF. V.K. SAMARANAYAKE, CO-ORDINATOR, BLDG. PROJECT
✓ MR. H.N.N. WARAKAULLE, REGISTRAR
✓ MR. J.H.V. DE ALWIS, CONSULTANT ENGINEER
✓ MR. S. VALLIPURANATHAN, ADDL. DIRECTOR/DEPT. OF BUILDINGS
✓ MR. U. IDDAWELA, ADDL. DIRECTOR OF BUILDINGS
✓ MR. M. THEVENDRAN, PROJECT ENGINEER, DEPT. OF BUILDINGS
✓ MR. A. RATNAYAKE, ENGINEERING CONSULTANTS LTD.
✓ MR. N.O. MENDIS, -do-
✓ MR. A. SRIKANTHA, -do-
✓ MR. S. KANDIAH, -do-
✓ MR. T.A. DIYAGAMA, -do-
✓ MRS. T. SENEVIRATNE, -do-
✓ MR. D.D. JINADASA, DILUM BUILDERS LTD.
✓ MR. K.P.W. RAJASIRI, -do-
✓ MR. J. SIRISENA, -do-
MRS. D. CHANDRATILAKE, C&R/CWP

*Burgar 7 Absent - Minutes sent.
A/13*

The Vice-Chancellor welcomed all the officers of the Consultants, the Contractor and the Department of Buildings.

12.1 CONFIRMATION OF MINUTES

Minutes of the 11th Meeting of the Progress Review Committee held on 13.06.1986 were confirmed.

12.2) BUSINESS ARISING FROM MINUTES

Nil.

12.3 MEETINGS OF THE PROGRESS REVIEW COMMITTEE.

As suggested by the Consultants, the Committee decided to have progress Review Committee meetings monthly and Site meetings every other week.

12.4 The Committee approved the suggestions made below by the Consultants:

12.4.1 - Programme of work

Consultants had already requested the Contractor to submit the programme of work in four copies to be given to the Consultant, the Consultative Team, the Client and the Contractor.

12.4.2 - Attendance of Labourers

To be submitted by the Contractor weekly.

12.4.3 - Extra Works

To be finalised by a committee comprising of the four parties (Consultants, Consultative Team, Client and Contractor).

12.4.4 Payments to the Contractor

Joint measurements to be taken by the 3 representatives of the Contractor, the Consultants and the Consultative Team. The Director of Buildings had appointed Mr.M.Thevendran as the Project Engineer.

Measurements to be taken once a month prior to the PRC Meeting so that problems arising may be taken up at the meeting. Payment Certificates to be certified by two Directors of the Engineering Consultants Ltd. and the Project Engineer on behalf of the Consultative Team.

Problems that cannot be solved by the 3 representatives would be referred to the Consultants/the Consultative Team/the Progress Review Committee.

12.4.5 Instructions to the Contractor

Every instruction given by the Consultants would be in writing with copies to all the parties concerned. Instructions on minor things may be given by the Site Engineer of the Consultants in a duplicate book. The Consultative Team would not give any instruction directly to the Contractor, but through the Client. Major problems to be brought up at the P.R.C.Meetings.

12.4.6 Telephone and Typing facilities

Prof.V.K.Samaranayake has already made arrangements for the above facilities to the 3 parties concerned.

The meeting ended at 3.45 p.m. The next meeting will be held on 7th November 1986 at 2.00 p.m. in the Board Room of University of Colombo.

D. Chandratilake
.....
(D.Chandratilake),
Asst.Registrar/Capital Works & Planning,
University of Colombo.

3rd October 1986.

Confirmed

[Signature]
Chairman.

07.11.86

MINUTES OF 13TH MEETING OF THE PROGRESS REVIEW COMMITTEE
MEETING OF STATISTICS & COMPUTER SCIENCE BUILDING PROJECT
HELD AT 1.30 P.M. ON 07.11.1986 AT THE SITE.

PRESENT: Prof.L.M.V.Tillekeratne, Dean/Science (Chairman)
Prof.V.K.Samaranayake, Co-ordinator, Bldg. Project
Mr.H.M.N.Warakaulie, Registrar
Mr.J.H.V.de Alwis Consultant Engineer, Dept.of Buildings
Mr.S.Yugaraja, Resident Engineer -do-
Mr.M.Theiveindran, Project Engineer -do-
Mrs.T.Seneviratne, Engineering Consultants Ltd.
Mr.A.Srikantha -do-
Mr.T.A.Diyagama -do-
Mr.D.D.Jinadasa, Dilum Builders Ltd.
Mr.J.Sirisena -do-
Mr.K.P.W.Rajasiri -do-
Mrs.D.Chandratilake, AR/CWP.

Excuses: Mr.S.Vallipurathan, Actg.Director,Dept.of Bldgs.

13.1 Confirmation of Minutes:

Minutes of the 12th meeting of the Progress Review Committee held on 01.10.1986 and minutes of the site meeting held on 24th October 1986 were confirmed.

13.2 Business arising from minutes:

Nil

13.3 Programme of work:

The programme of work submitted by the Contractor had been referred by the Consultants to the University on 29.10.1986. The Committee noted that it was in order.

Copy of the programme of work had been displayed in the office of the Consultants at site.

13.4 Progress of work:

The Committee noted that-

60% of excavation,
21% of concreting upto D.P.C.Level
16% of screed concreting (one week behind schedule due to excavation)
16% of rubble work had been completed by the Contractor to that date.

The Committee advised the Contractor to catch up the delay by next meeting by increasing the labour force.

The Committee noted that the number of Labourers employed were less than that in the programme, but the output of work was satisfactory.

13.5 Sewer line

The Consultants had given the layout. As instructed earlier the connections should be given to the man hole at Thurstan side and not the Reid Avenue side. A temporary septic tank would be constructed by the Contractor inside the site as a temporary measure.

13.6 Extra works

The Contractor should submit the claims on extra works for approval by the Consultants and the Dept. of Buildings.

13.7 Earth filling

13.7.1 The Committee noted that the depth of excavation was 3 m. below ground level and foundation had been laid 3 m. below ground level.

13.7.2 Inside the building would be filled by earth brought from outside. The Contractor to bring a sample soil on Monday, 10th Nov. 1986 for approval by Consultants and Dept. of Buildings.

13.7.3 Outside the building would be filled partly with selected soil from inside the building and partly with soil approved by Consultants and Dept. of Buildings for the inside.

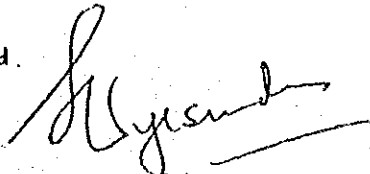
The meeting ended at 2.00 p.m.

The next site meeting will be held at 2.00 p.m. on 21.11.1986 and the Progress Review Committee meeting at 2.00 p.m. on 05.12.1986.

D. Chandratilake
D. Chandratilake,
Asst. Registrar/Capital Works & Planning.

13/11/1986.

Confirmed.


Chairman - 10.12.86.

MINUTES OF 14TH MEETING (Special) OF PROGRESS REVIEW COMMITTEE
OF STATISTICS & COMPUTER SCIENCE BUILDING PROJECT HELD ON
28TH NOVEMBER, 1986, AT 2.00 P.M. IN THE BOARD ROOM OF THE
UNIVERSITY OF COLOMBO.

PRESENT: Prof. L.M.V. Tillekeratne, Dean/Science (Chairman)
Mr. H.M.N. Karakaulle, Registrar
Mr. S. Vallipurathan, Addl. Director, Dept. of Buildings
Mr. J.H.V. de Alwis, Consultant Engineer
Mr. U. Iddawela, Chief Architect & Addl. Director of Dept. of Buildings
Mr. S. Gnanasekaram, Chief Quantity Surveyor, Dept. of Buildings
Mr. A. Ratnayake, M/S. Engineering Consultants Ltd
Mr. A. Srikantha, -do-
Mr. M. Theivendran, Project Engineer, Dept. of Buildings
Mrs. D. Chandratilake, Asst. Registrar/Capital Works & Planning

The Chairman stated that the purpose of the meeting was to discuss the two items indicated below.

1. Air-Conditioning of the Building Project
and
2. Installation of the Lift.

14.1 Air-Conditioning

The Consultant tabled a letter No. 3085 dated 27th November, 1986 on this subject and explained to the committee the proposed system. They recommended adopting one of the following methods for inviting tenderers -

14.1.1 by public advertisement

14.1.2 invitation from pre-selected tenderers indicated below

M/S. Walker Sons & Co. Ltd.
P.O. Box 166,
Colombo.

Colombo Commercial Co. Ltd.,
121, Sri James Pieris Mawatha,
Colombo-2.

Browns Group Industries Ltd.
481, Darley Road,
Colombo 10.

Finco Ltd.
93, Hunupitiya Lake Road,
Colombo 2.

Refrians,
62, Sri Mahinda Dharma Mawatha,
Colombo 10

International Trading Co.
44/1A, Gnanaratha Pradeepa Road,
Colombo 10.

Elite Radic
Post Master's Place,
Mt. Lavinia.

The Committee decided that a contractor for this item of work be selected after pre-qualification by public advertisement.

The Consultants agreed to send a draft paper advertisement and the pre-qualification documents to the University immediately as this contract has to be awarded at least by March 1987.

14.2 Installation of Lift

Consideration of this item was deferred as recommended by the Consultants.

14.3 Progress of work

The Consultant stated that the Contractor had caught up the delay and the work had been ahead of schedule. The Committee noted that the work was progressing satisfactorily.

14.4 Clarification of certification of payments to the Contractor

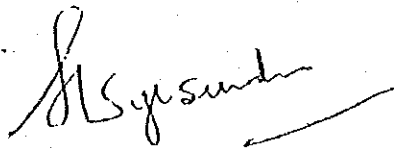
The Consultant pointed out that the letter No.ABD/10 dated 16/10/86 issued by the Additional Director of the Dept.of Buildings was contrary to the contract documents signed with the Consultants and the Contractor. The Chairman read out the relevant minute of the meeting held on 1st October 1986 on this matter and stated that the University had already taken action to solve this problem. Payments to the Contractor will be certified by the Consultants and the Consultative Team on behalf of the Department of Buildings as agreed at the said meeting. It was agreed that Mr.Theivendran the Project Engineer could attend to this on behalf of the Team.

The meeting ended at 2.55 p.m. The Next meeting of the Progress Review Committee will be held on 10. December 1987, at 2.00 p.m. in the Board Room of University of Colombo.

Shammi Chendelin
D.Chandratilake,
Asst.Registrar/Capital Works & Planning
for Registrar.

3/12/1986.

Confirmed.



Chairman - 10.12.86.

MINUTES OF THE 15TH MEETING OF THE PROGRESS REVIEW
COMMITTEE OF THE STATISTICS AND COMPUTER SCIENCE
BUILDING PROJECT HELD ON 10TH DECEMBER, 1986
AT 2.00 P.M. IN THE BOARD ROOM OF UNIVERSITY
OF COLOMBO.

PRESENT : Prof. S.Wijesundrera, Vice-Chancellor
Prof. L.M.V.Tillakeratne, Dean/Science
Mrs.A.Karunaratne, Acting Head/Dept.of STCS
Mr.H.M.N.Warakaulle, Registrar
Mr.J.H.V.de Alwis, Consultant Engineer
Mr.S.Vallipurathan, Addl.Director/Dept.of Buildings
Mr.U.Iddawela, Addl.Director & Chief Architect Dept.of
Buildings
Mr.S.Gnanasekera, COS, Dept. of Buildings
Mr.S.Sivakumar, CCE-Colombo North -do-
Mr.M.Theivendran, Project Engineer -do-
Mr.A.Ratnayake, M/S Engineering Consultants Limited
Mr.A.Srikanthe, -do-
Mrs.T.P.Seneviratne, ECL -do-
Mr.D.D.Jinadasa)
Mr.K.P.W.Rajasiri) M/S Dilum Builders Limited
Mr.S.Sirisena)
Mr.S.Senake Fernando)
Mrs.D.Chandratilake, AR/CWP

15.1 Minutes of the 13th meeting and the 14th meeting (special) of the Progress Review Committee held on 7.11.86 and 28.11.86 respectively were confirmed.

15.2 Business arising from Minutes

15.2.1 Sewer Line (item No. 13.5)

The Consultant stated that a temporary septic tank had been constructed by the Contractor and there is no problem for the time being.

15.2.2 Earth Filling (item No. 13.7)

The Vice-Chancellor has approved a rate of Rs. 80.50 per Cubic Metre. of imported earth as recommended by the Consultant and the Dept.of Buildings. Approximately 1000 Cubic Metres. of imported back filling material would be required.

15.2.3 Air Conditioning (item No.14.1)

The Vice-Chancellor stated that the University had sent an advertisement for publication calling for pre-qualification of tenderers. The closing date of applications will be 9th January, 1987.

15.3 Progress of Work

15.3.1 Main Building-

The Consultant reported that the progress of work was on schedule.

15.3.2 Auditorium

The Consultant reported that the progress of work was 1½ weeks ahead of schedule.

The Committee was very satisfied with the progress of work of the Contractor.

15.4 Furniture.

The Vice Chancellor would take up this matter before the Council.

15.5 Access Floor

This would be an extra item of work. The Japanese Team who visited the University recently wished to have this access floor.

15.6 Payment to Consultative Team

The Vice Chancellor requested the Dean/Science to look into this matter.

The meeting ended at 2.35 p.m. The next meeting will be held on 2nd January, 1987 at 2.30 p.m. at the Site.

Mrs. D. Chandratilake

(Mrs. D. Chandratilake)
Assistant Registrar/
Capital Works & Planning,
for Registrar.

25.12.1986

MINUTES OF THE 16TH MEETING OF THE PROGRESS REVIEW
COMMITTEE OF THE STATISTICS & COMPUTER SCIENCE BUILDING
COMPLEX, UNIVERSITY OF COLONBO, HELD ON 02nd JANUARY, 1987,
AT THE SITE.

PRESENT:	Prof.L.M.V.Tillekeratne	Dean/Science. (Chairman)
	Prof.V.K.Samaranayake	Co-Ordinator, Bldg. Project
	Mr.H.M.N.Warakaulle	Registrar
	Mr.S.Gnanasekeran	Chief Quantity Surveyor, Dept. of Buildings
	Mr.A.Srikantha	M/S.Engineering
	Mr.S.Kandiah	Consultants g Ltd.
	Mr.S.Fernando	
	Mr.J.Srisera	M/S.Dilum Builders
	Mr.K.P.W.Rajasiri	
	S.Yugaraja	Department of Buildings
	Mr.Theivendran	
	Mrs.D.Chandratilake	Asst. Registrar/ Capital Works & Planning

16.1 Confirmation of Minutes.

Minutes of the 15th Meeting of the Progress Review
Committee held on ^{10th Dec. 1986} 2nd January ~~1987~~, were confirmed.

16.2 Business Arising From Minutes.

16.2.1 Air Conditioning (item No. 15.2.3)

The Asst. Registrar/Capital Works & Planning
stated that applications had been called through
public advertisement for the above item of work
and the closing date of tenders is 9th January, 1987.

The Asst. Registrar agreed to send one set of
pre-qualification documents to the Consultant for
evaluation on that day itself. The Consultant
to give their report by 19th January, 1987

16.2.2 Furniture

The Registrar stated that the Council had approved the award of the Consultancy services in respect of above item of work, to M/S. Engineering Consultant Ltd. who would be informed accordingly.

16.3 Passenger Lift

The Consultant stated that the cost of the lift would be less than Rs.2.0m. The Committee decided that the Consultants be informed to prepare the the tender documents early.

16.4 The Committee considered the minutes of the 5th Site meeting held at the site on 18th December, 1986.

16.4.1 Sewer Connection

The Consultant had given instructions to the Contractor.

16.4.2 Equipment and Methodology for Super Structure.

The Committee approved the use of a mobile crane for concreting the first floor slab as recommended by the Consultant and the Dept. of Buildings.

The Consultant state that shuttering for beams and slabs were satisfactory. The Contractor stated that the concreting of the entire first floor slab would be done on the 9th, 10th, and 11th January, 1987.

16.4.3 Sample Lists

The Contractor would discuss this matter with the Consultant the following week. The Committee decided that the Contractor should inform the

dates of providing the list and the samples and of the material ^{to} the Consultant and the Consultant to prepare a schedule of samples.

16.4.4 Access Floor to the Computer Room

The Consultant had given the structural details and drawings to the Contractor.

16.4.5 Interim Bills

The Committee accepted that in future bills, until a particular item is completed, cumulative measurements would be given in the measurement sheet.

The next interim bill would be approximately Rs. 1.8m.

16.4.6 Water Proofing the ^{Access - Floor} Building.

The Consultant to look into this matter.

16.4.7 Progress of Work.

The Committee noted that the overall Progress of Work was on schedule.

16.4.8 Materials at Site

The Committee noted that steel required up to the third floor level and cement required for the first floor slab were available at Site.

16.5 Water and Electricity

The Contractor agreed to get separate connections for water and electricity immediately for this work.

The Committee requested the Consultants to recommend a nominal sum for water and electricity used by the Contractor up to 31st December, 1986, so that the University could charge it from the Contractor from their next bill.

The meeting ended at 2.57.p.m.

The next meeting of the Progress Review Committee will be held on 6th February, 1987^{at 2:00pm} in the Board Room of University of Colombo.

University of Colombo,
Colombo 3.

Manna Chandika
Asst. Registrar/
Capital Works & Planning

Confirmed
S. Suresnder
Chairman - 06.02.87

MINUTES OF THE 17TH MEETING OF THE PROGRESS REVIEW COMMITTEE
OF THE STATISTICS & COMPUTER SCIENCE BUILDING COMPLEX, HELD
ON 6TH FEBRUARY 1987, IN THE BOARD ROOM OF THE
UNIVERSITY OF COLOMBO.

PRESENT :

Prof.S.Wijesundera	Vice-Chancellor
Prof.L.M.V.Tillakeratne	Dean/Science
Prof.V.K.Samaranayake	Co-Ordinator, Building Project
Mr.H.M.N.Warakaulle	Registrar
Mr.S.Vallipurathan	Adtl. Director/Dept. of Buildings
Mr.S.Gnanasekeram	Chief Quantity Surveyor, Dept. of Buildings
Mr.G.M.V.Nicholas	Adtl. Director of Buildings
Mr.M.Supiramaniam	Deputy Director, Dept. of Buildings
Mr.A.Ratnayake	} M/S.Engineering Consultants Ltd.
Mr.A.Srikantha	
Mr.G.Srisena	} M/S.Dilum Builders
Mr.S.Fernando	
Mr.K.P.W.Rajasiri	Asst.Registrar/ Capital Works & Planning
Mrs.D.Chandratilake	

17.1 Confirmation of Minutes.

Minutes of the 16th meeting of the Progress Review Committee held on 2nd January, 1987 were confirmed, subject to the following amendment.

Correct : the date indicated under item No.16.1 to read as "10th December, 1986."

17.2 Business Arising from Minutes.

17.2.1 Air-Conditioning (Item No.16.2.1)

The Consultant had evaluated the prequalification documents of the contractors for the above item of work and their report dated 16th January, 1987 recommending the following contractors for participating in the tender was to be tabled at the meeting of the Tender Board to be held on the same day at 4.00 p.m.

1. Shin Nippon Air-Conditioning Engineering Co. Ltd.
2. Colombo Commercial Co. (Engineers) Ltd.
3. Refrains Ltd.
4. Finco Ltd.
5. Walker Sons & Co.Ltd.
6. Brown & Co. Ltd.

Decision of the Tender Board was awaited. Letter No.ADB/10 Vol.II dated 30th January, 1987 of the Addl. Director, Dept. of Buildings was considered by the Committee. The Secretary, Ministry of Local Government Housing and construction had appointed the Consultative Team to this Project to assist the University in all stages of construction of the project and therefore the Committee did not agree with the nomination of a person from the Ceylon Electricity Board for this purpose only. The Addl. Director was requested to nominate a suitable competent person for this purpose.

17.2.2 Furniture (Item No. 16.2.2)

The Consultant stated that they had to do some modifications in respect of certain items after the visit of the Japanese Team.

17.2.3 Passenger Lift (Item No.16.3)

The Committee considered the letter No. 3093/05 dated 29th January 1987 of the Consultant and decided that a Contractor be selected for this work after pre-qualification. The Consultant agreed to send a draft advertisement to the University for publication.

17.2.4 Samples Lists.(Item No.16.4.3)

Sample Lists had being submitted by the Contractor to the Consultants. The Consultant to send their observations to the University.

17.2.5 Access Floor, Computer Room in Ground Floor.
(Item No. 16.4.4)

The Consultant had given the structural drawings to the Contractor. The Consultant was requested to give additional details of water proofing of the concrete access floor to the Contractor.

17.2.6 Interim Payments (Item No. 16.4.5)

The Consultant and the Consultative Team decided to sort out the method of making payments for partially completed works by the Contractor.

17.2.7 Progress of Work (Item No. 16.4.7)

The Committee noted that the progress of work was one week ahead of schedule.

17.2.g' Supply Water and Electricity (Item No. 16.5)

The Contractor had obtained a separate connection of water for the Site. The Committee decided that a nominal sum be recommended by the Consultant and the Consultative Team for the electricity used by the Contractor.

17.3 Any Other Business - Nil.

The meeting ended at 2.45 p.m.

The next meeting will be held on 6th March 1987 at 2.00 p.m. in the Board Room of the University of Colombo.

University of Colombo,
Colombo 3.

17th February, 1987

(D. Chandratilake)

(D. Chandratilake)
Asst. Registrar/
Capital Works & Planning,
for Registrar.

