PROJECT QUALITY PLAN

PROPOSED ERECTION OF A PART 5/7 STOREY TEACHING BLOCK WITH 1 SEMI-BASEMENT ON LOT 2068 MK 3 AT COMMONWEALTH AVE WEST FOR SINGAPORE POLYTECHNIC FIFTH PHASE EXPANSION LOCATED ON LOT 2068, 1797, 2266 (5^{TH} PHASE EXPANSION OF SINGAPORE POLYTECHNIC)

For

SINGAPORE POLYTECHNIC

Copy No.	

Prepared By: Tay Khoon Lee

Authorised By: Richard Teo

Date: 24 December 1998

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SECTION 1

QUALITY PLAN CONTROL AND DISTRIBUTION

1.1 List of Copy Holders

Copy No.	Copy Holder	Date of Issue
1	1127-PQP File	10 June 1997
2	Tay Khoon Lee	10 June 1997

1.2 Revision Record

Revision	Date of Issue	Section Reference	Page(s)	Remarks
1/0	10/6/97	1 - 10	27	1st Issue
2/0	3/6/98	1 - 10	27	2nd Issue
2/1	21/10/98	2.2, 2.3.2, 3.2 – 3.4, 4.3, 4.5, 5.1 & 5.2	12	-
3	24 December 1998	1 – 10	28	-
4	1 June 1999	2.1,4.2 – 4.3, 5.2 & 9.1	5	-

SECTION 2

PROJECT INFORMATION

2.1 Project Description

Type of Development	Institution

Statistics of Development	
Site Area, m²	415,747.70
Nett Floor Area, m²	Data not available from the Architect
Gross Floor Area, m²	13,758.856
Covered Carpark, m²	-
No. of Covered Carpark Lots	-
No. of Apartments/Houses	-
No. of Beds (for Hospitals)	-
No. of Guestroom (for Hotels)	-
No. of Blocks / No. of Storeys	5/7 Storey Teaching Block
No. of Phases	1

2.2 Project Cost

M&E Services Cost Plan (S$ x 1000)										
Services	EI	ACVI	LEI	FFAI	PSI	SPFI	W	IB3		
Estimate	2470	3100	780	350	700	-	1500	500		
Awarded	1959.79	1962	508.75	201.8	587.289	-	1589.188	1175.996		

Total Project Construction Cost (S$ x1000)			
	Site Clearance	Piling Works	Main Contract
Estimate	-	-	30637
Awarded	250	597	27384

Site Clearance shall include earth work, soil improvement, service diversion and termination.

W - Wafer Fabrication Laboratory Works
IB3 - Cable Network Installation

2.3 Scope of Works

2.3.1 Scope of Consultancy Services

Conceptual/Schematic Design	✓
Detailed Design	✓
Tender Documentation	✓
Tender Evaluation	✓
Contract Supervision	✓
M&E Costing	✓
Submissions to Authority	✓

(✓ *where applicable*)

2.3.2 Scope of M&E Services

ELECTRICAL	✓	AIR CONDITIONING	✓	SPRINKLER		SANITARY	✓	SWIMMING POOL	
LIFT	✓	MECHANICAL VENTILATION	✓	FIRE ALARM	✓	COLD WATER	✓	STEAM BOILER	
ESCALATOR		MECHANICAL SMOKE EXTRACT		HOSEREEL	✓	HOT WATER		FUEL STORAGE	
PABX		COMPUTER A/C	✓	WET RISER		TOWN GAS		WAFER FABRICATION LABORATORY	✓
SECURITY	✓	BST CARPARK EXH		DRY RISER	✓	LPG GAS		CABLE NETWORK INSTALLATION	✓
TELELIFT		HEATING				MEDICAL GAS			
DATA COMM.	✓								
FLUSHFLOOR TRUNKING									

(✓ *where applicable*)

2.3.3 Submission to Relevant Authorities by Others

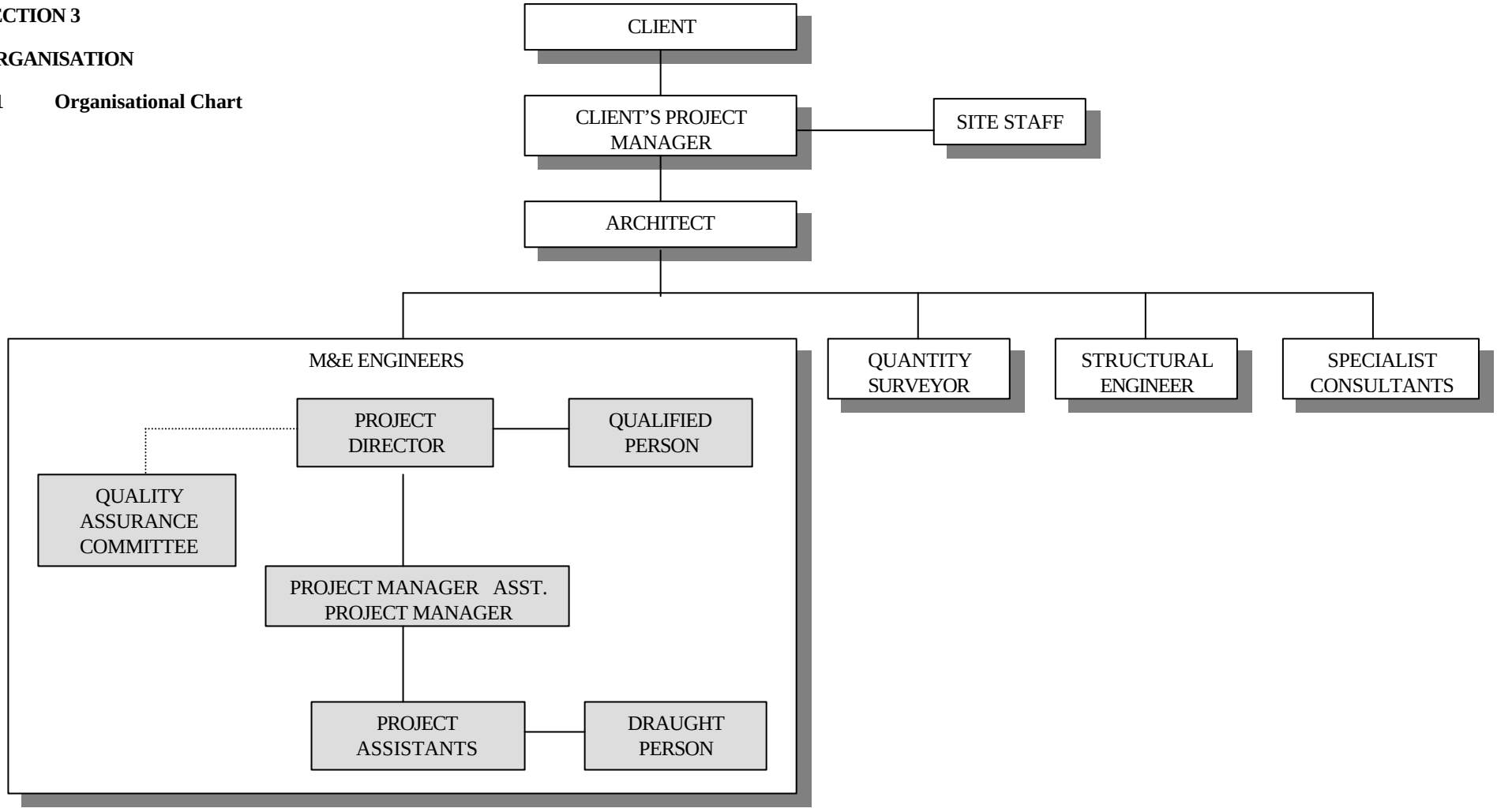
EJECTOR & DIVERTER		SUMP PUMP	✓	FUEL OIL TANK		LIFT	✓	PRESSURE VESSEL		HOISTS		FOAM	

(✓ *where applicable*)

SECTION 3

ORGANISATION

3.1 Organisational Chart



SECTION 3

ORGANISATION

3.2 AEC's Project Team Member

TITLE		NAME
Project Director		Richard Teo
Qualified Person	Mechanical	Loh Chew Thong
	Electrical	Richard Teo
Project Manager		Tay Khoon Lee
Assistant Project Manager		Loh Fook Yuen
Project Assistant (Mech)		Yip Yoke Fun
Project Assistant (Elect)		Shirley Loke
Draughtsperson		Common Pool

3.3 Client/Client's Representatives

Client:- Singapore Polytechnic

Address:- 500 Dover Road
Singapore 139651

Tel:- 7721820

Fax:- 8706025

Client's Representatives:-

Name of Firm	Contact Person	Contact
Singapore Polytechnic	Name: Mr Chee Sing Fong Position: Project Manager	Tel: 772 1822 Fax: 870 6025 Pager: - Handphone: - Email: -
Singapore Polytechnic	Name: Mr Lim Seng Hong Position: Assistant Project Manager	Tel: 772 1821 Fax: 870 6025 Pager: - Handphone: - Email: -
Singapore Polytechnic	Name: Mr Foo Seng Heng Position: Resident Engineer	Tel: 873 2579 Fax: 873 2583 Pager: 9229 3801 Handphone: 9742 3975 Email: -
Singapore Polytechnic	Name: Mr Suratman Position: M&E Clerk-of-Work	Tel: 873 2579 Fax: 873 2583 Pager: 9229 3803 Handphone: 9742 3979 Email: -

3.4 Other Consultants (Local)

Function / Name of Firm	Contact Person	Contact
Architect TSP Architects & Planners Pte Ltd	Name: Mr Lawrence Tan Position: Architect	Tel: 225 0606 Fax: 323 0353 Pager: - Handphone: - Email: -
Quantity Surveyor Rider Hunt Levett & Bailey	Name: Ms Judy Chong Position: Quantity Surveyor	Tel: 339 1500 Fax: 339 1521 Pager: - Handphone: - Email: -
Structural Engineer Chan Chee Wah Consultants	Name: Mr Edwin Ong Position: Principle Engineer	Tel: 469 4188 Fax: 469 4189 Pager: - Handphone: - Email: -
Interior Designer NA	Name: - Position: -	Tel: - Fax: - Pager: - Handphone: - Email: -
Lighting Consultant NA	Name: - Position: -	Tel: - Fax: - Pager: - Handphone: - Email: -
Acoustic Consultant NA	Name: - Position: -	Tel: - Fax: - Pager: - Handphone: - Email: -

3.4 Other Consultants (Overseas)

NOT USED

3.5 Contractors/Sub-Contractors

Function / Name of Firm	Contract *	Contact Person	Contact
Main Contractor Kwan Yong Construction Pte Ltd	DC	Name: Mr Loh A J Position: Project Manager	Tel: 873 2581 Fax: 778 8252 Pager: 9212 9676 Handphone: 9652 5182 Email: -
Air Conditioning & Ventilation Installation Sub-Contractor United Engineer (S) Pte Ltd	NSC	Name: Mr Ho M H Position: Engineer	Tel: 266 0988 x 740 Fax: 268 6993 Pager: 9256 0054 Handphone: 9773 9001 Email: -
Plumbing, Sanitary, Hosereel & Dry Riser Installation Sub-Contractor Kwan Yong Construction Pte Ltd	DSC	Name: Mr Loh A J Position: Project Manager	Tel: 873 2581 Fax: 778 8252 Pager: 9212 9676 Handphone: 9652 5182 Email: -
Electrical & Automatic Fire Alarm Installation Sub-Contractor Acma Ltd	NSC	Name: Mr Leslie Chia Position: Project Engineer	Tel: 268 7733 Fax: 268 6862 Pager: 9400 2907 Handphone: 9664 3569 Email: -
Lift Installation Sub-Contractor LG Industrial Systems Co. Ltd	NSC	Name: Mr Eric Foo Position: Asst. Project Manager	Tel: 323 7361 Fax: 323 7362 Pager: - Handphone: - Email: -
Cable Network Installation Sub-Contractor Nera (SEA) Pte Ltd	NSC	Name: George Loo Position: Project Engineer	Tel: 380 0311 Fax: 383 9566 Pager: - Handphone: - Email: -
Wafer Fab Laboratory Sub-Contractor Quest Technology (S) Pte Ltd	NSC	Name: Mr Tang Kwok Leong Position: Assistant Manager	Tel: 748 4310 Fax: 743 4060 Pager: 9702 1240 Handphone: 9738 8728 Email: -

** Type of Contract* - *NSC (Nominated Sub-Contract)*
- *DSC (Domesticated Sub-Contract)*
- *DC (Direct Contract)*
- *NS (Nominated Supplier)*

3.6 Authorities

Authorities/Department	Contact Person	Tel/Fax Nos./E-mail
PowerGrid/Power Supply:		
(a) Customer Supply	}	
(b) Sub-Station	}	
(c) Installation	} NA – Internal Distribution	
(d) Meter Section	}	
(e) Road Lighting	}	
(f) Diversion	}	
Telecom:		
(a) Planning/Line Plant	Mr Lee Chong Beng	Tel: 838 2509
(b) Installation	-	-
(c) Diversion	-	-
BCD:		
(a) Building Plan	-	-
FSB:		
(a) Building Plan	Mr Chan Hong Meng	Tel: 838 6420/Fax: 838 627
(b) M&E Section	Mr Ng Ah Hiap	Tel: 838 6390/Fax: 838 6427
PUB (Water)		
(a) Water Conservation	Mr David Loh/Mr Tan Seng Huat	Tel: 731 3518/731 3977 Fax: 731 3023
(b) Plumbing Plan	Mr Kuang Kim Yaw/Mr Lau Kam Kok	Tel: 731 3544/731 3552 Fax: 731 3023
(c) Diversion	-	-
PowerGas:		
(a) Planning/Submission	-	-
(b) Installation/Inspection	-	-
(c) Diversion	-	-
ENV (Sewerage):		
(a) Building Plan	-	-
(b) M&E Section	Mr Lui Kean Hoong	Tel: 731 9629/Fax: 731 9725
(c) Diversion	-	-
ENV (Pollution Control)	-	-
(a) Planning/Submission	-	-
(b) Inspection	-	-

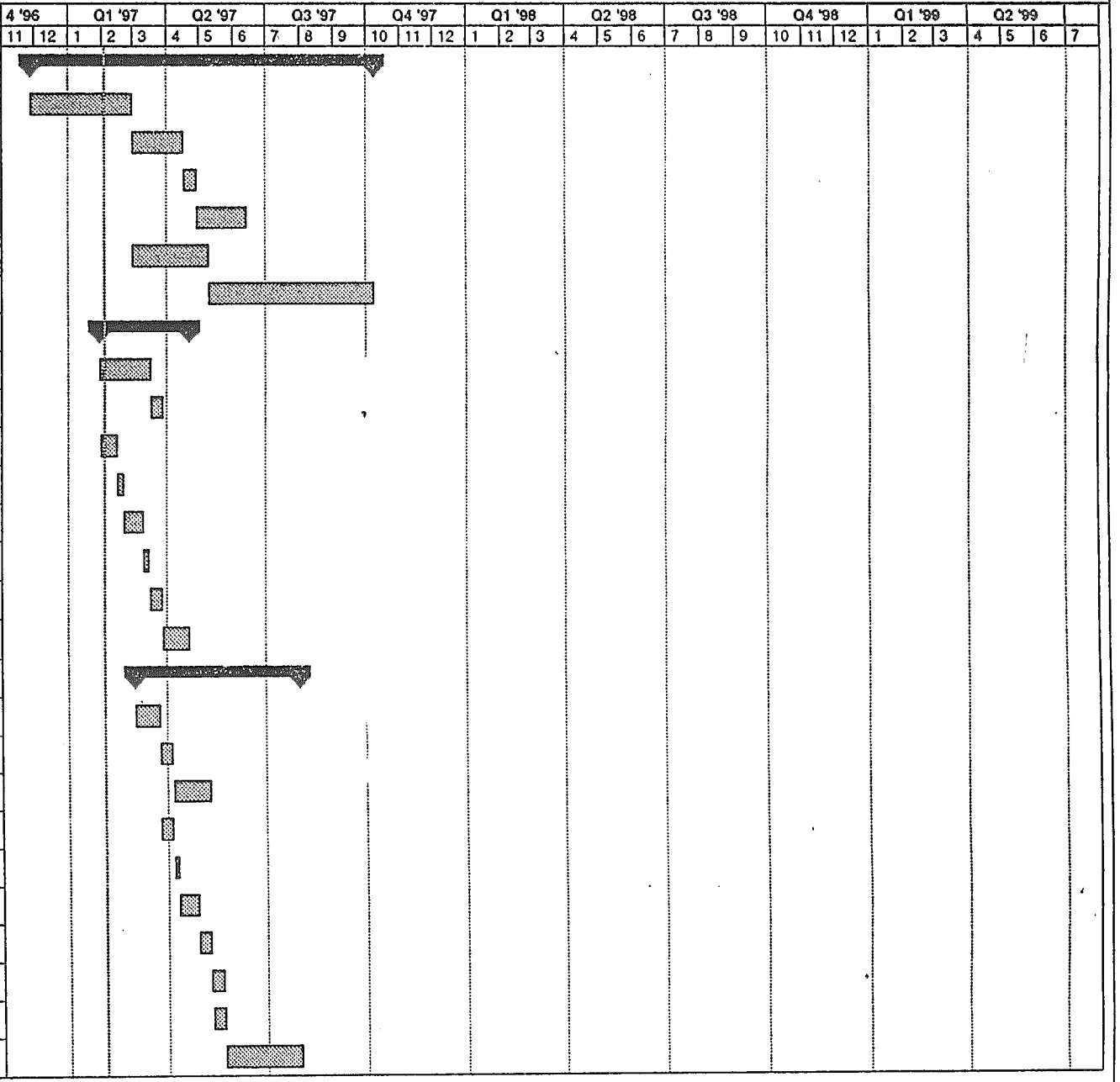
SECTION 4

PROGRAMME

4.1 Overall Programme - Refer to attached master programme (2 pages).

SINGAPORE POLYTECHNIC
PHASE 5 EXPANSION PROJECT

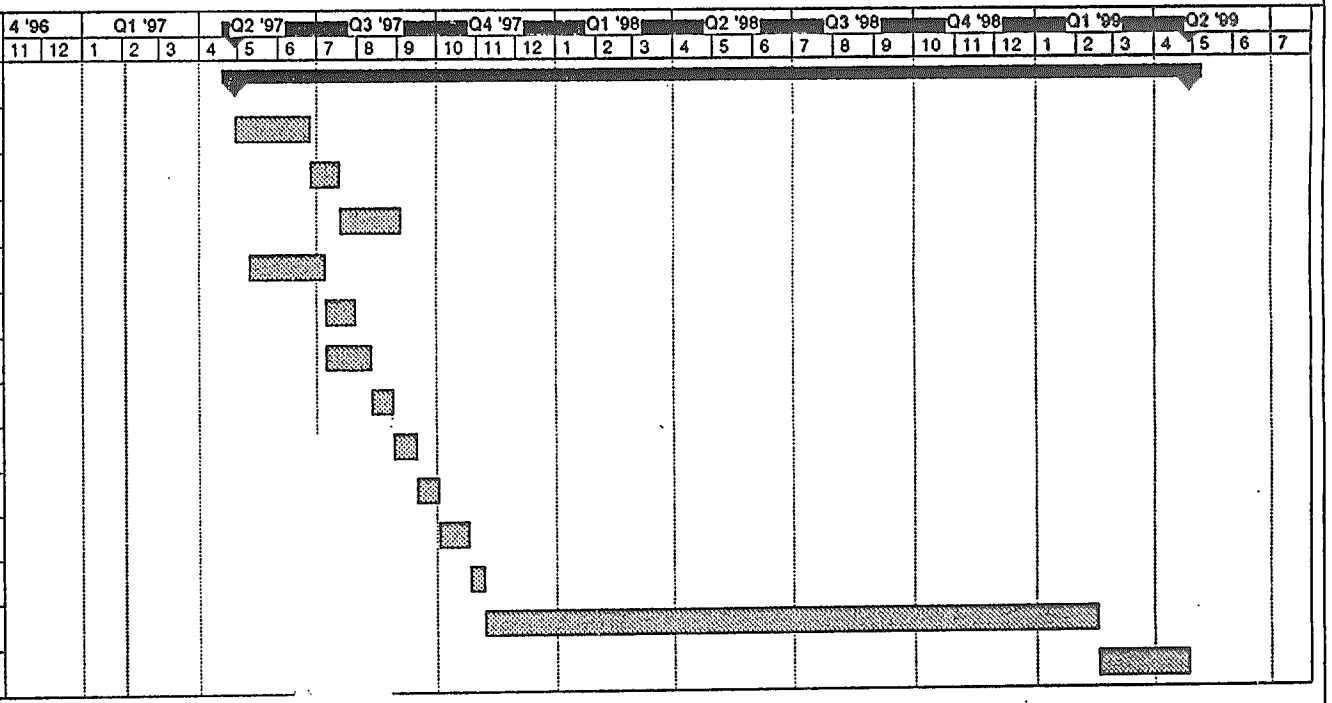
ID	Task Name	Duration	Start	Finish
1	Planning Submission	54w	Thu 28/11/96	Wed 8/10/97
2	Prep Planning Submission	16w	Thu 28/11/96	Fri 28/2/97
3	Feedback of PP(URA)	8w	Sat 1/3/97	Wed 16/4/97
4	Comply WD for WP submiss	2w	Thu 17/4/97	Mon 28/4/97
5	Written Permission (URA)	8w	Tue 29/4/97	Fri 13/6/97
6	Prep BCD Submission (Arch)	12w	Sat 1/3/97	Fri 9/5/97
7	Submit BP to BCD and Depts	26w	Sat 10/5/97	Wed 8/10/97
8	Demolition Work	14w	Thu 30/1/97	Mon 21/4/97
9	WP submission (URA)	8w	Thu 30/1/97	Mon 17/3/97
10	BCD Permit (Start Work)	2w	Tue 18/3/97	Fri 28/3/97
11	Preparation of Tender Docun	2.6w	Fri 31/1/97	Fri 14/2/97
12	Finalisation of Document	1w	Sat 15/2/97	Thu 20/2/97
13	Tendering period	3w	Fri 21/2/97	Mon 10/3/97
14	Tender Review/recommenda	1w	Tue 11/3/97	Sat 15/3/97
15	Awarding Tender	2w	Mon 17/3/97	Thu 27/3/97
16	Demolition work	4w	Sat 29/3/97	Mon 21/4/97
17	Piling Work	26w	Mon 3/3/97	Thu 31/7/97
18	Prep tender drawing (Piling)	4w	Mon 3/3/97	Tue 25/3/97
19	AC checker	2w	Wed 26/3/97	Sat 5/4/97
20	BSL submission	6w	Mon 7/4/97	Sat 10/5/97
21	Preparation of Tender Docun	2w	Wed 26/3/97	Sat 5/4/97
22	Finalisation of Document	0.8w	Mon 7/4/97	Thu 10/4/97
23	Tendering period	3w	Fri 11/4/97	Mon 28/4/97
24	Tender Review/recommenda	2w	Tue 29/4/97	Fri 9/5/97
25	Awarding Tender	2w	Sat 10/5/97	Wed 21/5/97
26	BCD Permit	2w	Mon 12/5/97	Thu 22/5/97
27	Piling work	12w	Fri 23/5/97	Thu 31/7/97



3/2/9

SINGAPORE POLYTECHNIC
PHASE 5 EXPANSION PROJECT

ID	Task Name	Duration	Start	Finish
28	Main Building Work	125w	Tue 29/4/97	Tue 27/4/99
29	Prep Structural Drawings (M	10w	Tue 29/4/97	Wed 25/6/97
30	AC checker	4w	Thu 26/6/97	Fri 18/7/97
31	BSL submission	8w	Sat 19/7/97	Wed 3/9/97
32	Prep Arch Drawings	10w	Sat 10/5/97	Mon 7/7/97
33	Prep M&E Drawings	4w	Tue 8/7/97	Wed 30/7/97
34	Preparation of Tender Docun	6w	Tue 8/7/97	Mon 11/8/97
35	Finalisation of Document	3w	Tue 12/8/97	Thu 28/8/97
36	Tendering period	3w	Fri 29/8/97	Mon 15/9/97
37	Tender Review/recommenda	3w	Tue 16/9/97	Thu 2/10/97
38	Awarding Tender	4w	Fri 3/10/97	Sat 25/10/97
39	BCD permit	2w	Mon 27/10/97	Thu 6/11/97
40	Building work	80w	Fri 7/11/97	Tue 16/2/99
41	Top	12w	Wed 17/2/99	Tue 27/4/99



SECTION 4

PROGRAMME

4.2 Authority Submission Status for M&E Services - 1st Submission

Service	Authority	Original Submission		Comments/Resubmission						Approval/ Clearance
		Scheduled	Actual	Comment	Resubmit	Comment	Resubmit	Comment	Resubmit	
Application for Electricity Supply	Power Supply Pte Ltd									
Power Supply Substation	PowerGrid Pte Ltd									
Main Single Line Diagram	Power Supply Pte Ltd									
Consumer Switchroom Layout	PowerGrid Pte Ltd									
Metering Layout	PowerGrid Pte Ltd									
Sanitary Installation	ENV (Sewerage)	-	29/8/97	29/9/97	5/11/97					29/11/97
Domestic Water Supply	PUB (Water)	12/1/98	6/1/98	9/2/98	27/5/98					17/6/98
Gas Supply Installation	PowerGas Pte Ltd									
Air Conditioning & Ventilation Inst.	Fire Safety Bureau	-	6/4/99							12/4/99
Automatic Fire Alarm Installation	Fire Safety Bureau	19/1/98	26/1/98							25/2/98
Telephone Installation	Telecom (Broadband)	3/3/98	10/3/98	17/4/98						17/4/98
	Telecom (TDCS)									
	Telecom (Domestic Operation)									
Fuel Storage	Fire Safety Bureau									
	Pollution Control Department									

SECTION 4

PROGRAMME

4.3 Authority Submission Status for M&E Services (Amendments) - 2nd Submission

Service	Authority	Original Submission		Comments/Resubmission						Approval/ Clearance
		Scheduled	Actual	Comment	Resubmit	Comment	Resubmit	Comment	Resubmit	
Application for Electricity Supply	Power Supply Pte Ltd									
Power Supply Substation	PowerGrid Pte Ltd									
Main Single Line Diagram	Power Supply Pte Ltd									
Consumer Switchroom Layout	PowerGrid Pte Ltd									
Metering Layout	PowerGrid Pte Ltd									
Sanitary Installation	ENV (Sewerage)									
Domestic Water Supply	PUB (Water)									
Gas Supply Installation	PowerGas Pte Ltd									
Air Conditioning & Ventilation Inst.	Building Control Division									
	Fire Safety Bureau									
Automatic Fire Alarm Installation	Fire Safety Bureau	10/5/99	7/5/99							8/5/99
	Telecom (Broadband)									
Telephone Installation	Telecom (TDCS)									
	Telecom (Domestic Operation)									
Fuel Storage	Fire Safety Bureau									
	Pollution Control Department									

SECTION 5

PROJECT RECORDS

5.1 List of Internal Files

Standard Files

File Ref: 1127		File Ref: 1127	
-CM	✓	-QSP	
-PC	✓	-BD	✓
-AE	✓	-CC	✓
-AM	✓	-GC	✓
-PQP	✓	-CF	✓

Project Files to be initiated by PM as and when required

File Ref: 1127		File Ref: 1127		File Ref: 1127	
-SM	✓	-SR	✓	-ET	
-SC/SC(L)	✓	-QM		-MT	
-AI/AD	✓	-EC	✓	-DF	
-SQ	✓	-MC	✓	-EOT	✓
-CO	✓	-PP	✓	-AA	✓
		-VO	✓	-MQ	✓
				-EQ	✓

Service Files to be initiated by PM as and when required

	Service										
File Ref:	ACVI	FFAI	PSI	EI	LI	W	IB3				
-G	✓	✓	✓	✓	✓	✓	✓				
-Q											
-VO											
-P											
-AI/AD	✓		✓	✓	✓						
-CF	✓		✓	✓	✓						

W - Wafer Fabrication Laboratory works
IB3 - Cable Network Sub-Contract
MQ - Quotation for Mechanical Services
EQ - Quotation for Electrical Services

SECTION 5

PROJECT RECORDS

5.2 Filing of Drawings

The following team members shall take charge of filing of drawings, stamping "SUPERSEDED" drawings, etc.

Description	Team Member
Incoming Architectural Floor Plans	Yip Y F
Incoming Architectural Sketches/Details	-
Incoming Structural Drawings	Yip Y F
M&E Drawings	
- Electrical & Automatic Fire Alarm Installation	Yip Y F/Shirley Loke
- Lift Installation	Shirley Loke
- Air Conditioning & Ventilation Installation	Yip Y F
- Plumbing & Sanitary Installation	Yip Y F
- Wafer Fabrication Laboratory Installation	Yip Y F/Shirley Loke
- Cable Network	Shirley Loke
Other Drawings	-

SECTION 6

INTERFACING

6.1 Method of Interface

Description	Method of Interface	
Client's Review & Approval	M&E Design Report	✓
	Pre-planned meeting at fixed intervals	✓
	Telefax, letter and telephone	✓
	Email	
Interface With External Design Teams	M&E Design Report	✓
	Pre-planned meeting at fixed intervals	✓
	Telefax, letter and telephone	✓
	Email	
Interface Between Internal Design Teams	Telephone	
	Email	✓
	Internal Project Team Meeting	✓
	Circulation of Information	✓

(✓ *where applicable*)

SECTION 6

INTERFACING

6.2 Internal Design Interface

NOT USED

SECTION 6

INTERFACING

6.3 Circulation of Documents to External Parties

	Code: A - Approval Required C - For Comments I - For Information Only	Client/ Client Rep.	Client's Project Manager	Architect	Structural Engineer	Quantity Surveyor	
1.	**Letters/Fax:**						
a.	Project Design	A	-	C	-	-	
b.	Project Administration	I	-	C	C *	I *	
c.	Project Cost Estimate	A	-	C	-	C	
2.	**Drawings**						
a.	Outline Design Drgs.	A	-	C	C *	-	
b.	Sketch Design Drgs.	I	-	C	C *	-	
c.	Final Design Drgs.	I	-	C	C *	-	
d.	Shop Drawings	I	-	C	C *	-	
e.	As Built Drgs.	I	-	-	-	-	
3.	**Other Document**						
a.	Specification	A	-	I	-	-	
b.	Tender Document	I	-	I	-	C	
c.	Tender Evaluation Report	A	-	I	-	I	
d.	Design Report	A	-	C	-	-	
e.	Progress Report	-	-	-	-	-	
f.	Financial Report	I	-	I	-	C	
g.	Minutes of Meeting	I	-	I	I *	-	
h.	Inspection Report	I	-	I	-	-	
i.	Testing & Comm. Report	I	-	I	-	-	
j.	O & M Manual	I	-	I	-	-	

* Circulated only when issues relate to the respective Consultant.

SECTION 7

WORK AUTHORISATION

Activity \ Authorised Signatories	PD	QP	PM	SS
General Correspondences with Client			✓	
General Correspondences with Other Consultants			✓	
M&E Cost Estimate Report	✓		✓	
M&E Design Report	✓		✓	
Check Prints			✓	
Tender Drawing Approval			✓	
Tender Specification Approval			✓	
List of Tenderers (Public Tender)				
Tender Questionaires			✓	
Tender Reports	✓		✓	
Draft Letter of Award	✓		✓	
Review of Contractor's Shop Drawing			✓	
Review of Contractor's Technical Submittal			✓	
Review of Contractor’s Sample Submittal			✓	
Contractor’s Request for Deviation			✓	
Progress Payment Valuation Form			✓	
Final Account Valuation			✓	
Draft Variation Order			✓	
Engineer/Architect’s Instruction/Direction			✓	
Site Instruction/Direction			✓	
Correspondence/Submission to Authorities		✓	✓	

(✓ *where authorised*)

Key to abbreviations:-

PD : Project Director
QP : Qualified Person
PM : Project Manager/Assistant Project Manager
SS : AEC Site Staff

SECTION 8

DESIGN INPUT & METHODOLOGY

8.1 List of Client's Standards, Reference Documents or Brief

ITEM	KEPT BY
Users specific requirements	MC or EC File

8.2 List of Applicable Code of Practice and Regulations

Electrical Wiring	~~BS~~	SS	IEE	~~NFPA~~	
Lightning Protection System	~~BS~~	SS			
Air Conditioning & Ventilation Installation	~~BS~~	~~AS~~	~~NFPA~~	SS	~~MS~~
Lift Installation	~~BS~~	SS			
Dry Riser System	~~BS~~	SS	~~NFPA~~	~~AS~~	~~MS~~
Automatic Fire Alarm System	~~BS~~	SS	~~NFPA~~	~~AS~~	~~MS~~
Sanitary System	~~BS~~	SS	~~NFPA~~	~~AS~~	~~MS~~
Plumbing System	~~BS~~	SS	~~NFPA~~	~~AS~~	~~MS~~

(Delete where necessary)

SECTION 8

DESIGN INPUT & METHODOLOGY

8.3 List of Design Guide or Handbook Used

Carrier's Handbook of Air Conditioning System Design

ASHRAE Handbooks

Institute of Plumbing's Plumbing Services Design Guide

8.4 List of Applicable Quality System Procedures

Alpha Engineering Consultant's Quality System Procedures

Section	Title
A2	Documentation of Project Quality Plan
A3	Administration Control
A4	Document Control
A6	Archive Control
A9	Feedback Reporting
B3	Design Control
B4	Design Change Control
B5	Drawing Control
B6	Specification Control
B7	Tender Process and Evaluation (except items 1, 2.1, 2.2, 2.4, 3)
C1	Construction Process Control
C2	Testing and Commissioning

8.5 List of Software Used For Design/Analysis

DESCRIPTION/ PACKAGE NAME	VERSION	SUPPLIER/ SOURCE	PURPOSE	
Calculux	2.30	Philips	Lighting design	✓
Cophos	3.31	Zumtobel	Lighting design	
Carrier E20-II	3.21	Carrier	Programme for determination of heat load, duct size and its losses, etc.	✓
Gensize 2	2.1	Onan	Generator sizing	
Lift Traffic	-	Alpha Engineering	Lift traffic calculation	✓
Econdial	2.5	Merlin Gerlin	Design for low voltage network	
Hyena	4.00.1	ACADS-BSG	Fire Sprinkler & Hydrant Analysis	
Fault Level Calculation	-	Alpha Engineering	Calculation of voltage drop and fault level	

(✓ *where applicable*)

SECTION 9

CLIENT'S REQUIREMENTS

9.1 List of Output Required by Client:-

Item	* Remarks
M&E Design Report	-
M&E Cost Estimate Report	Issued and approved before tender
Pre-Qualification of Tenderers	NA (Public Tender)
Tender Documents	A
Tender Report	A
Payment Valuation for QS	For progress claim certification
Certificates of Supervision for TOP/CSC	I

** Remarks*

A: for approval C: for comment I: for Information Re: for record

Other purposes and for action: please specify.

9.2 Specific Procedures Required By Client *(If applicable)*

1. For changes of design, request for variation to be issued to Client for approval before proceeding to issue instruction.

2. Financial status report to be issued to Client every quarterly i.e. 3 months interval.

3. Public tender by Clients through advertisement in local press. No prequalification of tenderers.

SECTION 10

LIST OF SUB-JOB

10.1 List of Sub-Job Numbers

Sub Job No	Description	Allocation Details
1127-101	Conversion of Classroom to Labs	-