Alpha
Engineering Consultant

PROJECT QUALITY PLAN

PROPOSED NEW ERECTION OF A 4-STOREY MOSQUE WITH A BASEMENT ON LOT 4134X MK 13 AT 1 ADMIRALTY LANE

For

M/S MAJLIS UGAMA ISLAM SINGAPURA (MUIS)

Copy No.	

Prepared By: Sam Chong / Desmond Yeo

Authorised By: Richard Teo

Date: 12 September 2003

TABLE OF CONTENTS

SECTION	DESCRIPTION
-	**TITLE PAGE**
-	**TABLE OF CONTENTS**
1	**QUALITY PLAN CONTROL AND DISTRIBUTION**
1.1	List of Copy Holders
1.2	Revision Record
2	**PROJECT INFORMATION**
2.1	Project Description
2.2	Project Cost
2.3	Scope of Works
3	**ORGANISATION**
3.1	Organisation Chart
3.2	AEC's Project Team Member
3.3	Client/Client's Representative
3.4	Other Consultants
	Local Overseas
3.5	Contractor/Sub-Contractors
3.6	Authorities
4	**PROGRAMME**
4.1	Overall Programme
4.2	Authority Submission Status for M&E Services – 1st Submission
4.3	Not Used

TABLE OF CONTENTS

SECTION	DESCRIPTION
5	**PROJECT RECORDS**
5.1	List of Internal File
5.2	Filing of Drawings
6	**INTERFACING**
6.1	Method of Interface
6.2	Not Used
6.3	Circulation of Documents to External Parties
7	**WORK AUTHORISATION**
8	**DESIGN INPUT AND METHODOLOGY**
8.1	List of Client's Standards, Reference Documents or Brief
8.2	List of Applicable Code of Practice and Regulations
8.3	List of Design Guide or Handbook Used
8.4	List of Applicable Quality System Procedures
8.5	List of Software Used for Design/Analysis
9	**CLIENT'S REQUIREMENTS**
9.1	List of Output Required by Client
9.2	Specific Procedures Required by Client
10	**LIST OF SUB-JOB**
10.1	Not Used

SECTION 1

QUALITY PLAN CONTROL AND DISTRIBUTION

1.1 List of Copy Holders

Copy No.	Copy Holder	Date of Issue
1	1277-PQP File	12 September 2003
2	Chong Lai Meng	12 September 2003

1.2 Revision Record

Revision	Date of Issue	Section Reference	Page(s)	Remarks
0	10 May 2001	1 to 10	26	
1	16 December 2002	1 to 10	26	
2	12 September 2003	1 to 10	26	

SECTION 2

PROJECT INFORMATION

2.1 Project Description

Type of Development	Mosque

Statistics of Development	
Site Area, m²	2500
Nett Floor Area, m²	-
Gross Floor Area, m²	3486.374
Covered Carpark, m²	515.42
No. of Covered Carpark Lots	18
No. of Apartments/Houses	-
No. of Beds (for Hospitals)	-
No. of Guestroom (for Hotels)	-
No. of Blocks / No. of Storeys	1 Block / 4 Storeys (exclude B1)
No. of Phases	1

2.2 Project Cost

M&E Services Cost Plan (S$ x 1M)									
Services	EI	ACVI	LEI	FFAI	PSI	SPFI	Auto gate	PA & Security	Supply of Light Fittings
Estimate	470	350	100	60	250	NA	NA	400	120
Awarded	355	175	75	14	-	-	-	324	-

Total Project Construction Cost (S$ x1M)			
	Site Clearance	Piling Works	Main Contract
Estimate	971	-	-
Awarded	783	322	7,890

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

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			
SECURITY	✓	BST CARPARK EXH		DRY RISER	✓	LPG GAS			
TELELIFT		HEATING				MEDICAL GAS			
DATA COMM.									
FLUSHFLOOR TRUNKING									

(✓ *where applicable*)

2.3.3 Submission to Relevant Authorities by Others

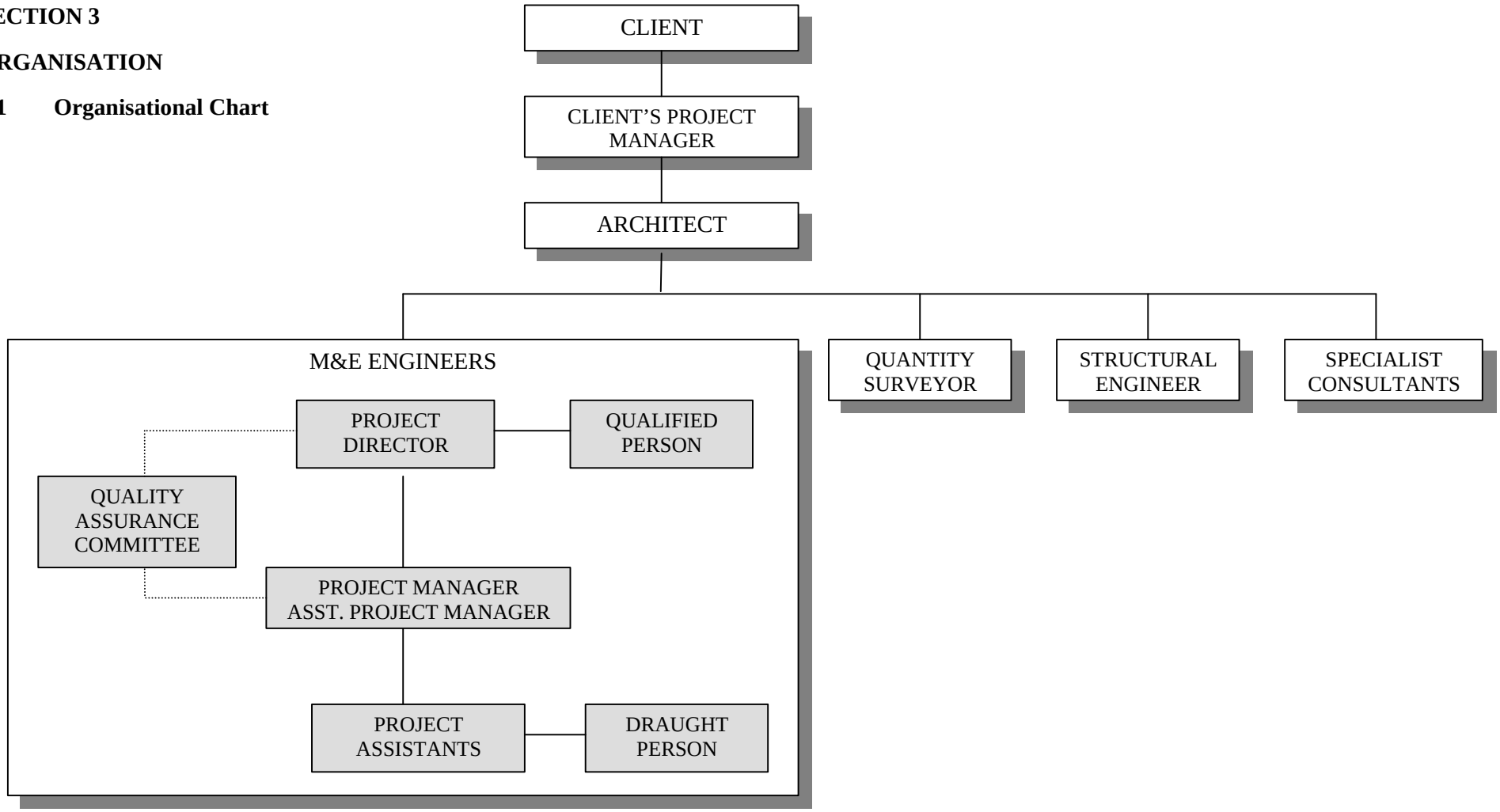
EJECTOR & DIVERTER		SUMP PUMP		FUEL OIL TANK		LIFT	✓	PRESSURE VESSEL		HOISTS		FOAM	

(✓ *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 (RT)
Qualified Person	Mechanical	Andrew Loh (LCT)
	Electrical	Richard Teo (RT)
Project Manager		Chong Lai Meng (CLM)
Assistant Project Manager		Goh Soon Huat (GSH)
Project Assistant (Mech)		Sam Chong (SC)
Project Assistant (Elect)		Desmond Yeo (DY)
Draughtsperson		Common Pool
Resident Engineer (M&E)		-
Assistant Resident Engineer (M&E)		-
Clerk-of-Work (M&E)		-

3.3 Client/Client's Representatives

Client:- Majlis Ugama Islam Singapura (MUIS)

Address:- c/o WAREES Investments Pte Ltd
11 Beach Road #04-01
Singapore 189675

Tel:- 6883 1114

Fax:- 6883 1144

Client's Representatives:-

Name of Firm	Contact Person	Contact
WAREES Investments Pte Ltd	Name: Mr Abdul Rahman Bin Bakar Position: Project Manager	Tel: 6883 1114 ext 107 Fax: 6883 1144 Pager: 9575 8474 Handphone: 9760 1596 Email: abd_rahman@warees.com
	Name: Position:	Tel: Fax: Pager: Handphone: Email:
	Name: Position:	Tel: Fax: Pager: Handphone: Email:
	Name: Position:	Tel: Fax: Pager: Handphone: Email:
	Name: Position:	Tel: Fax: Pager: Handphone: Email:

3.4 Other Consultants (Local)

Function / Name of Firm	Contact Person	Contact
Architect Forum Architects	Name: Mr Tan Kok Hiang Position: Principle Partner Name: Mr Wong Chin Wah Position: Asst. Architect	Tel: 6224 2778 Fax: 6323 4603 Pager: - Handphone: - Email: studio@forum-architects.com
Quantity Surveyor Davis Langdon & Seah (S) Pte Ltd	Name: Mr Kunjamboo Raman Position: Associate Director Name: Mr Foo Wan Hoe Position: Quantity Surveyor	Tel: 6222 3888 Fax: 6224 7089 Pager: - Handphone: - Email: 4158@dls.com.sg
Structural Engineer WEB Structures	Name: Dr Hossain Rezai-Jorabi Position: Director Name: Mr Huang Yu Position: Engineer	Tel: 6223 9208 Fax: 6220 7928 Pager: - Handphone: - Email: webstruc@pacific.net.sg
Interior Designer	Name: Position:	Tel: Fax: Pager: Handphone: Email:
Lighting Consultant	Name: Position:	Tel: Fax: Pager: Handphone: Email:
Acoustics Consultant CCW Associates Pte Ltd	Name: Mr Eric Wong Position: Director Name: Mr Joseph Foo Position: Project Consultant	Tel: 6352 2712 Fax: 6352 2702 Pager: - Handphone: - Email: ccwac@magix.com.sg
_____	Name: Position:	Tel: Fax: Pager: Handphone: Email:

3.4 Other Consultants (Overseas)

Function / Name of Firm	Contact Person	Contact
Architect	Name: Position:	Tel: Fax: Pager: Handphone: Email:
M&E Consultant	Name: Position:	Tel: Fax: Pager: Handphone: Email:
Quantity Surveyor	Name: Position:	Tel: Fax: Pager: Handphone: Email:
Structural Engineer	Name: Position:	Tel: Fax: Pager: Handphone: Email:
Interior Designer	Name: Position:	Tel: Fax: Pager: Handphone: Email:
Lighting Consultant Lighting Design Partnership Pty Limited 213-217 Palmer Street Darlinghurst NSW 2010 Australia	Name: Mr Andre Tammes Position: Managing Director Name: Mr Dhruvajyoti Ghose Position: Associate Name: Mr Hoosun Wong Position: Resident Manager	Tel: +61 (0) 2 9360 9250 Fax: +61 (0) 2 9360 9296 Pager: - Handphone: - +61 (0) 414 556 342 +61 (0) 411 788 937 +65 9669 3272 Email: - atammes@ldp-i.net dghose@ldp-i.net hwong@ldp-i.net
Acoustic Consultant	Name: Position:	Tel: Fax: Pager: Handphone: Email:
_____	Name: Position:	Tel: Fax: Pager: Handphone: Email:

3.5 Contractors/Sub-Contractors

Function / Name of Firm	Contract *	Contact Person	Contact
Main Contractor Evan Lim & Co Pte Ltd		Name: Mr Foo Hai Tuang Position: Project Manager Name: Mr Hooi K H Position: S. M&E Engineer	Tel: 6363 2122 Fax: 6363 5661 Pager: - Handphone: Email: contact@evanlim.com
Air Conditioning & Ventilation Installation Sub-Contractor Yong Air-conditioning & Refrigeration (Pte) Ltd	NSC	Name: Mr Tan Joon Pin Position: Project Manager	Tel: 6747 8256 / 6747 8255 Fax: 6744 9012 Pager: - Handphone: 9108 5548 Email: -
Plumbing & Sanitary Installation Sub-Contractor Meng Hup Seng Sanitary & Plumbing Pte Ltd	DSC	Name: Mr Mao Kong Hwa Position: Project Manager	Tel: 6283 2295 Fax: 6280 3327 Pager: - Handphone: 9675 1704 Email: mhseng@starhub.net.sg
Electrical Installation & Fire Alarm Sub-Contractor Gower Pte Ltd	NSC	Name: Mr Roland Lee Position: Director Name: Mr Mohd Azhar Position: Project Engineer	Tel: 6844 1800 Fax: 6744 1800 Pager: - Handphone: - Email: gower@pacific.net.sg
Lift Installation East Elevators Pte Ltd	NSC	Name: Mr Ooi Soon Gee Position: Director Name: Mr John Lim Position: Project Manager	Tel: 6254 9973 Fax: 6254 9975 Pager: - Handphone: - Email: eeplsin@singnet.com.sg
PA & Security Bell & Order Engineering Pte Ltd	NSC	Name: Mr Ng Joo Teck Position: Acct Manager Name: Mr Chew Lai Peng Position: Project Manager	Tel: 6743 8081 Fax: 6747 5775 Pager: - Handphone: 9022 8103 Email: sales@bellnorder.com.sg
Supply of Light Fittings BizLink Associates (S) Pte Ltd	NSC	Name: Mr Dave Wee Position: Managing Director	Tel: 6747 7116 Fax: 6841 0541 Pager: - Handphone: - Email: dave@bizlink-lighting.com.sg

** 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		
(d) Meter Section		
(e) Road Lighting		
(f) Diversion	Mr Sivanandam	Tel: 6290 9155
Telecom:	TFCC/1173	
(a) Planning/Line Plant	Mr Chin Yong How (SingTel)	Tel: 6848 5615
(b) Installation		
(c) Diversion		
BCD:		
(a) Building Plan		
FSSD:	FFAI/ACMV – Mr Kwan Lian Sian	Tel: 6848 1455
(a) Building Plan	Hydrant Info. – CPT Tan Siang Suan	Tel: 6848 3328
(b) M&E Section		
PUB (Water)		
(a) Water Conservation		
(b) Plumbing Plan	Mr Lim Chee Leong	Tel: 6731 3695
(c) Diversion		
PowerGas:		
(a) Planning/Submission		
(b) Installation/Inspection		
(c) Diversion		
ENV (Sewerage):		
(a) Building Plan	Ms Tan Kian Hong	Tel: 6732 7733
(b) M&E Section		
(c) Diversion		
ENV (Pollution Control)		
(a) Planning/Submission		
(b) Inspection		
LTA		
(a) Public Lighting		
SCV	Mr Wong Kok Ching	Tel: 6870 1628

SECTION 4

PROGRAMME

4.1 Overall Programme

		2002													2003										
ID	TASK NAME	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
1.	Preliminary Planning																								
2.	Planning Submission																								
3.	Detail Design																								
4.	BP Submission																								
5.	BP Submission (Amendments)																								
6.	Tender Period for Piling																								
7.	Tender Period for Sub-Structure																								
8.	Tender Period for Super-Structure																								
9.	Piling Period																								
10.	Sub-Structure Construction Period																								
11.	Super-Structure Construction Period																								
12.	TOP																								
13.	CSC																								

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		21 Aug 02							3 Sep 02
Power Supply Substation	PowerGrid Pte Ltd	NA								
Main Single Line Diagram	Power Supply Pte Ltd	NA								
Metering Layout	PowerGrid Pte Ltd	Mar 03								
Sanitary Installation	ENV (Sewerage)	-	6 Aug 02							7 Aug '02
Domestic Water Supply	PUB (Water)	-	21 Oct 02							1 Nov '02
Gas Supply Installation	PowerGas Pte Ltd	NA								
Air Conditioning & Ventilation Inst.	Fire Safety Bureau	Feb 03	5 Mar 03							7 Mar 03
Fire Fighting & Alarm Installation	Fire Safety Bureau	Feb 03	28 Mar 03							31 Mar 03
Telephone Installation	Telecom (Broadband)		3 Nov 00							18 Dec 00

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									
Fire Fighting & Alarm Installation	Fire Safety Bureau	26 Sept 03								
	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:		File Ref:	
-CM/SM	✓	-QSP	
-PC	✓	-BD	✓
-AE	✓	-CC	✓
-AM	✓	-CF	✓
-AA	✓	-GC	✓
-PQP	✓	-SQ	✓

Project Files to be initiated by PM as and when required

File Ref:		File Ref:		File Ref:	
-SC	✓	-QM		-EOT	
-AI	✓	-VO	✓	-ET	
-SQ(M&E)	✓	-PP	✓	-MT	
-CO/SR	✓	-AD	✓		
-EC/MC	✓	-DF			

Service Files to be initiated by PM as and when required

	Service										
File Ref:	ACVI	FFAI	PSI	EI	LI	SPFP	C				
-G	✓	✓	✓	✓	✓		✓				
-Q											
-VO											
-PP											
-AI											
-AD											
-CF	✓		✓	✓	✓		✓				

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	SC
Incoming Architectural Sketches/Details	SC
Incoming Structural Drawings	SC
M&E Drawings	
- Electrical Installation	DY
- Lift & Escalator Installation	DY
- Air Conditioning & Ventilation Installation	SC
- Fire Fighting & Alarm Installation	SC
- Plumbing & Sanitary Installation	SC
- Swimming Pool & Filtration Installation	N.A
Other Drawings	
- Interior Design Drawings	N.A
- Landscape Drawings	N.A

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

Item No.	Description*	Required From	Required By	Date Required	Remarks
	NOT USED				

** Information required by INTERNAL DESIGN TEAM MEMBERS*

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	I	I	I	I	
b.	Project Administration	I	I	I	I	I	
c.	Project Cost Estimate/Contract Cost	A	I	I	-	C	
2.	**Drawings**						
a.	Outline Design Drgs.	C	I	C	C	-	
b.	Sketch Design Drgs.	I	I	C	C	-	
c.	Final Design Drgs.	A	I	I	I	I	
d.	Shop Drawings	-	-	A/C	C	-	
e.	As Built Drgs.	I	-	-	-	-	
3.	**Other Document**						
a.	Specification	I	I	I	-	-	
b.	Tender Document	I	I	I	-	I	
c.	Tender Evaluation Report	A	I	I	-	I	
d.	Design Report	A/C	I	C	-	-	
e.	Progress Report	-	-	-	-	-	
f.	Financial Report	-	-	-	-	-	
g.	Minutes of Meeting	I	I	I	I	I	
h.	Inspection Report	I	I	I	-	-	
i.	Testing & Comm. Report	I	I	I	-	-	
j.	O & M Manual	C/I	-	-	-	-	

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	-	-	-	-
Tender Questionnaires	✓	-	✓	-
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
N.A	N.A

8.2 List of Applicable Code of Practice and Regulations

Electrical Wiring	~~BS~~	SS	IEE	~~NFPA~~	
Lightning Protection System	~~BS~~	SS			
Emergency Voice Communication System	~~BS~~	SS	~~NFPA~~		
Air Conditioning & Ventilation Installation	~~BS~~	~~AS~~	~~NFPA~~	SS	~~MS~~
Lift & Escalator Installation	~~BS~~	SS			
Sprinkler System	~~BS~~	~~SS~~	~~NFPA~~	~~AS~~	~~LPC~~
Wet Riser System/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~~
Town Gas/LPG Supply System	~~BS~~	~~SS~~	~~NFPA~~	~~AS~~	
Boiler and Steam Supply System	~~ASME~~	~~BS~~	~~AS~~		
Mechanical Smoke Control System	~~BS~~	~~NFPA~~	~~AS~~		

(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 Management System Procedures

Section	Title
M1	Preparation of Consultancy Offer
M2	Project Commissioning and Service Agreement
M3	Design Control
M4	Design Change Control
M5	Tender Process and Evaluation
M6	Authority Submission
M7	Construction Process Control
M8	Testing and Commissioning
S1	Document Control
S2	Documentation of Quality Management System Procedure
S3	Documentation of Project Quality Plan
S4	Specification Control
S6	Archive Control
S7	Filing Control
S8	Drawing Control
S9	Administration Control
Q1	Quality System Audit
Q2	Feedback Reporting
Q3	Clients Feedback

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	A, C
M&E Cost Estimate Report	A, C
Pre-Qualification of Tenderers	-
Tender Documents	I
Tender Report	A, C
Payment Valuation for QS	C, I
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. Main Contractor to submit progress claim by 1st day of the month and Consultants to evaluate by 14th of the same month.

SECTION 10

LIST OF SUB-JOB

10.1 List of Sub-Job Numbers

Sub Job No	Description	Allocation Details
	NOT USED	