

High Commission of India Colombo CORRIGENDUM



Reference Tender No. Col/DC/228/11/2017 dated 29 July 2019 for Construction of Auditorium, Dining Hall and Car Park at Pool Bank Vocational Training Center Hatton.

Bidders may note the following changes in the Tender documents:

Contract Data:

18.2 Third Party Insurance

This amount of insurance per occurrence is Rs.30,000,000 and number of occurrences shall be unlimited.

(including Employer's Property)

The insurance specified in this Sub-Clause:

(a) shall be in the joint names of the Employer and Contractor.

(b) shall be extended to cover liability for all loss and damage to the Employer's property (except things insured under Sub-Clause 18.1 arising out of the Contractor's performance of the Contract);

The minimum cover for insurance of other property (other than the site is Rs5,000,000

- The maximum deductible for the insurance of other property is 10% of the loss due to the damage.
- The minimum cover for insurance of personal injury or death, For third party and employees of the Employer and other persons engaged by the Employer and the Engineer and his Employees in the Works is Rs. 5,000,000.00 per person per event. Number of occurrences of such events is unlimited.

Changes and additional information in Bills of Quantity:

BOQ Item No.	Description	Additional Information
C 180	RCC Drain	Detail drawing attached [Annex 3]
C181	Kitchen worktop	Detail drawing attached [Annex 3]
C72 - C162	Reinforcement	GTB, MELWA, LANWA
F1 - F31	Metal work	Door closer- Delete Albion & add Kinglong(All alluminium sections shall be powder coated not Bronze anodize as given in some drawings.) [Revised drwg. Attached – Annex 3]
F32 - F35	Hand rail for Main staircase	1" dia s/s tube vertical member added [Revised drwg. Attached – Annex 3]
F39	Steel ladder	Detail drawing attached [Annex 3]
G1- G7	Door locks	Add type "Union" also
H6	Zn/Al facia	Detail drawing attached
K2	Water pumps	Prime cost shall be - Rs.40,000.00
K39	Disable low level suit	Prime cost of suit shall be Rs. 45,000.00
K40	Urinal	Prime cost for urinal shall be Rs. 11,500.00, Flush valve Rs. 6500.00 Brand Jonson Swiss or approved equ.
K41	Wash basin	Type pedestal. Prime cost for pedestal Rs. 14,000.00
K42	Vanity wash basin	Delete Rocell, Add Orient or approved equivalent Prime cost RS.10,000.00
K44	Kitchen sink	Sink shall be single bowl, single drain. Prime cost sink Rs. 5,000.00, Bottle trap Rs. 4500.00, Swan neck tap Rs. 4500.00
K52	Toilet mirrors	Size shall be 600 x 600mm
K53 - K55,K66	Concrete manholes	Concrete shall be grade 25

K63	Rain water down pipe	shall be UPVC Type 600
	9W LED wall bracket	
P30	(external)	Prime Cost per fitting shall be - Rs.5500
	4W LED surface	
P31	mounted lamp	Prime Cost per fitting shall be - Rs.2000
P66,P59,P49,P	15W LED wall	
38,P32	bracket (Internal)	Prime Cost per fitting shall be - Rs.7500
P33,P50	9W LED wall bracket	Prime Cost per fitting shall be - Rs.4800
P34,P65,P57,P	5W LED surface	
47,P40	mounted lamp	Prime Cost per fitting shall be - Rs.2500
	9W LED surface	
P35,P60,P48	mounted lamp	Prime Cost per fitting shall be - Rs.3700
P36,P61,P52,P		
43,P39	7W LED mirror lamp	Prime Cost per fitting shall be - Rs.6000
P37,P63,P53,P		
44	Ceilling Fan	Prime Cost per fitting shall be - Rs.7500
	6W LED surface	
P41	mounted lamp	Prime Cost per fitting shall be - Rs.3000
	36W LED Panel	
P45	lamp	Prime Cost per fitting shall be - Rs.9500
P46	9W LED Pendent	
	lamp	Prime Cost per fitting shall be - Rs.5600
P51	7W LED wall	
	bracket(Internal)	Prime Cost per fitting shall be - Rs.4500
P54,P64	12W LED surface	
	mounted lamp	Prime Cost per fitting shall be - Rs.5000
P55	25W LED surface	
	mounted lamp	Prime Cost per fitting shall be - Rs.7500
P56	30W LED surface	
D.F.0	mounted lamp	Prime Cost per fitting shall be - Rs.9000
P58	10W LED surface	Disco Contract String In III of D. 4500
	mounted lamp	Prime Cost per fitting shall be - Rs.4500
	ATS panel shown for	
U6	location only Provisional Sum	Rs. 100,000.00
06		RS. 100,000.00
	allowed for providing	
	the geizer and AC	
	point wiring & socket outlets.	
<u> </u>	ouliets.	

Note:

- 1. All bidders are advised to visit the site at Hatton, to get familiarized with the hillock type topography. For site visits, contract Mr. Vijeya Suresh (0775005596), Principal, Pool Bank Vocational Training Centre.
- 2. Price escalation for materials and labour are not allowed in this tender.
- 3. Bidders shall send any further quarries before 2nd August 3.00 pm. for which the consultant will send the answers to all the bidders before 7th August.
- 4. All the furniture items under item "U" have been included in the BOQ summary as a Provisional Sum. May please refer Annex 1
- 5. Bidders must also refer to the set of updated electrical drawings which forms part of the bidding document. May please refer Annex 2
- 6. As per bidders request, a soft copy of the BoQ can be found at Annex 4. If bidders are found making changes in its originality. The TEC will disqualify the bid without any clarification.

Other terms and conditions remain same as that of the original tender document

Annex 1

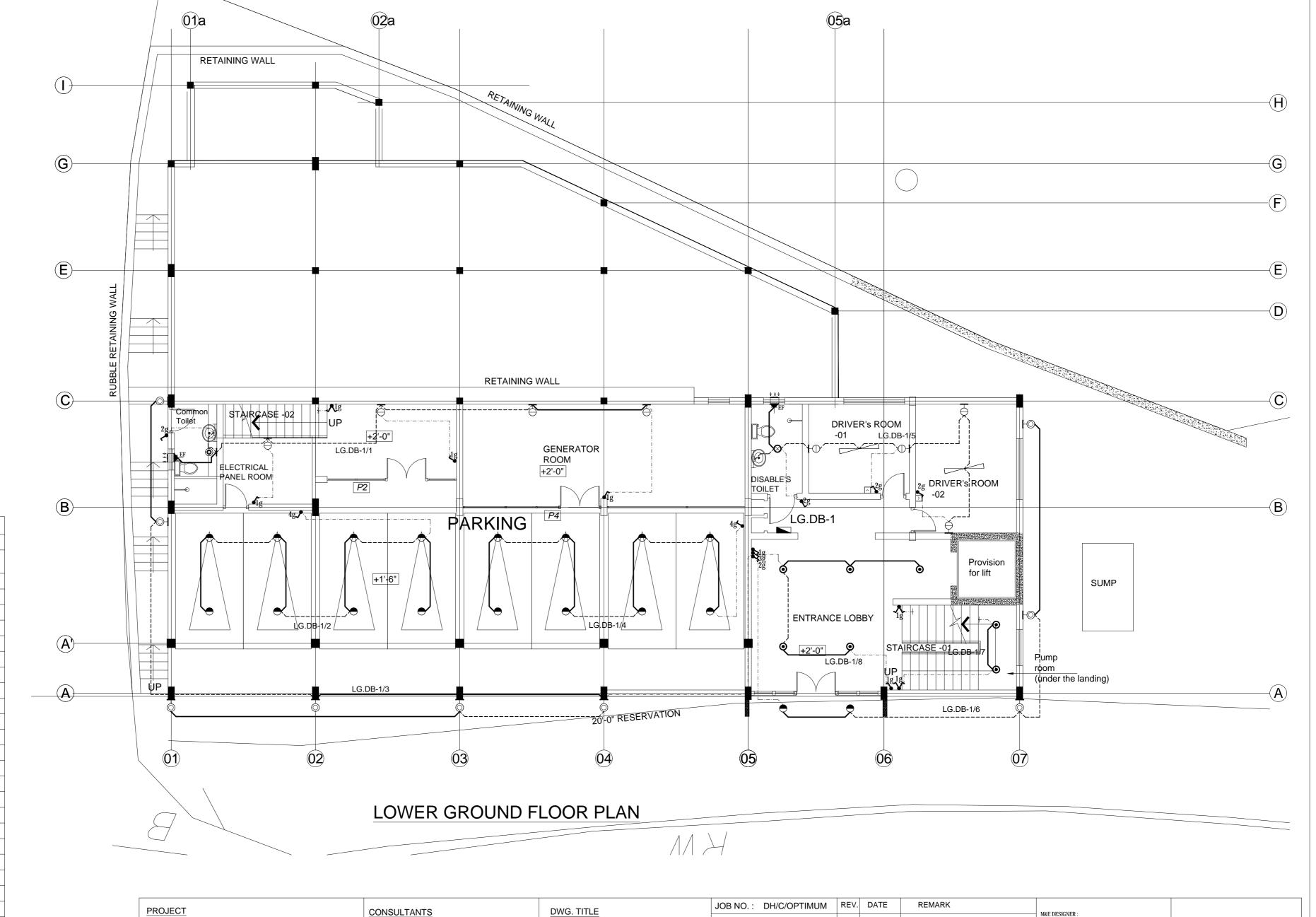
SUMMARY OF PROVISIONAL SUM		
U.1 - FURNITUR & FURNISHING		7,273,695.00
U.2 - CURTAINS		2,000,000.00
U.3 - SOUND SYSTEM & LIGHTING		2,000,000.00
U.4 - AIR CONDITIONER		1,500,000.00
U.5 - KITCHEN UTILITIES		1,500,000.00
U.6 - POINT WIRING FOR GEIZER AND AC		100,000.00
SUMMARY OF PROVISIONAL SUM		14,373,695.00
<u>MAIN SUMMARY</u>		

 •			•
A - PRELIMINARIES		Rs.	
B - EXCAVATOR		Rs.	
C - CONCRETOR		Rs.	
D - MASONRY WORK		Rs.	
E - BRICK WORK		Rs.	
F - METAL WORKS		Rs.	
G - CARPENTRY AND JOINARY		Rs.	
H - ROOF AND ROOF PLUMBING		Rs.	
J -STRUCTURAL STEEL		Rs.	
K - PLUMBING WORK		Rs.	
L - FLOOR WALL AND CEILING FINISHES		Rs.	
M - PAINTING		Rs.	
N- WATER PROOFING		Rs.	
P - ELECTRICAL INSTALLATION		Rs.	
R - EXTERNAL WORK		Rs.	
S - LIGHTNING PROTECTION SYSTEM		Rs.	
		Rs.	
T - FIRE PROTECTION SYSTEM		Rs.	14,373,695.00
U - PROVISIONAL SUM		Rs.	14,373,073.00
V - DAY WORKS		KS.	
SUB TOTAL - 01			
Ddt - Preliminaries and Provisional Sum			
SUB TOTAL - 02			
Ddt - Discount (if any)			
SUB TOTAL - 03			
SUB TOTAL - US			
Add - Preliminaries and Provisional Sum			
SUB TOTAL - 04			
ALLOW 5% FOR CONTINGENSIS		Rs.	
GRAND TOTAL Carried to form of bid page 119 of Bidding Docume	ent	Rs.	
(Exclding VAT)		IXS.	
15% VAT		Rs.	
GDAND TOTAL WITH VALUE		P	
 GRAND TOTAL WITH VAT		Rs.	

Name of Bidder		
Address		
Signature and seal:		
Witnesses:-		
1. Signature:	2.	Signature Name
Address		Address

Pool Bank

Annex 2



LIGHTING LAYOUT

LOWER GROUND FLOOR

WIJEWARDENE ASSOCIATES

Fax. 4309206,email dh@dhwaso.com

T.P. 2821299

Chartered Architects, Engineers & Project Managers 176, DUTUGAMUNU STREET, KOHUWALA.

DWG. NO.: EL-01(B1)

DATE: 26-07-2019

DRAWN : PILR

REVISION: R2

SCALE: 0'-1/8 ": 1'-0" (A2)

R1 19.02.17

R2 19.07.26

REVISED AS PER THE ARCHI. COMMENTS

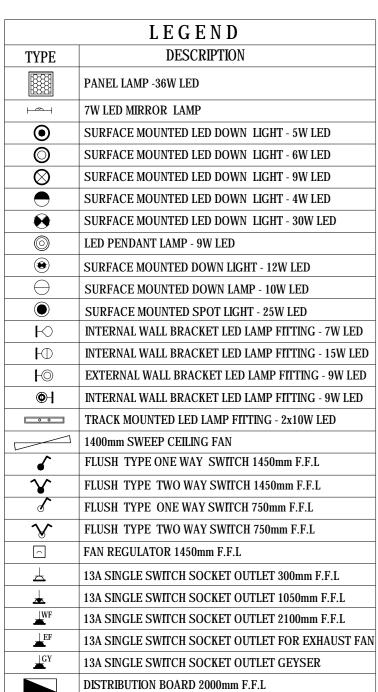
REVISED AS PER THE ARCHI. COMMENTS

ptimum

NO:193/2 , THALANGAMA NORTH,BATTARAMULLA E-MAILS - optimum.bse@gmail.com

ARCHITECT

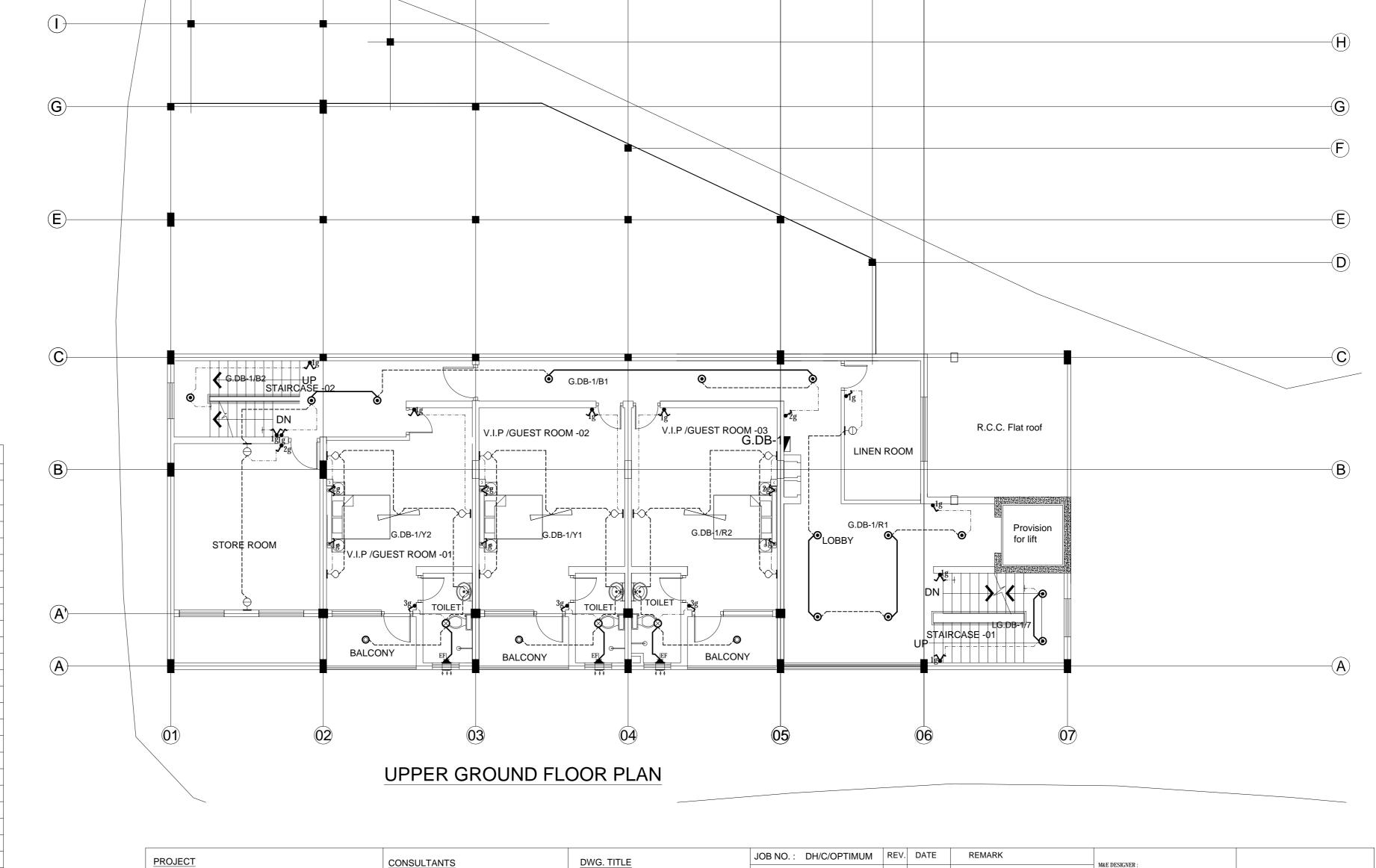
ENGINEER



PROPOSED BUILDING (B1)

POOLBANK VOCATIONAL

TRAINING CENTER,



LIGHTING LAYOUT

UPPER GROUND FLOOR

WIJEWARDENE ASSOCIATES

T.P. 2821299 Fax. 4309206,email dh@dhwaso.com

Chartered Architects, Engineers & Project Managers 176, DUTUGAMUNU STREET, KOHUWALA.

DWG. NO.: EL-02(B1)

DATE: 26-07-2019

DRAWN : PILR

REVISION: R2

SCALE: 0'-1/8 ": 1'-0" (A2)

R1 19.02.17

R2 19.07.26

05a

M&E DESIGNER:

ptimum

NO:193/2 , THALANGAMA NORTH,BATTARAMULLA E-MAILS - optimum.bse@gmail.com

ARCHITECT

ENGINEER

REVISED AS PER THE ARCHI. COMMENTS

REVISED AS PER THE ARCHI. COMMENTS

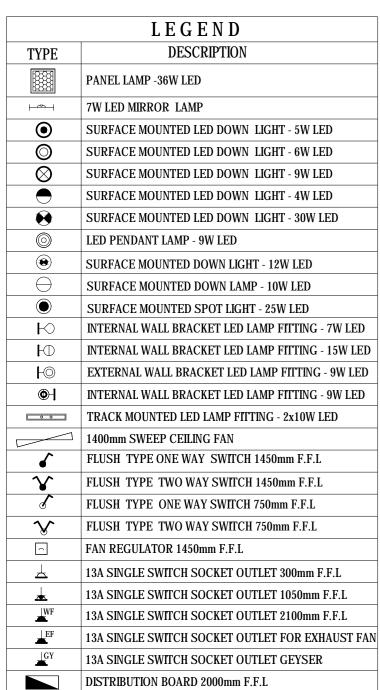
02a

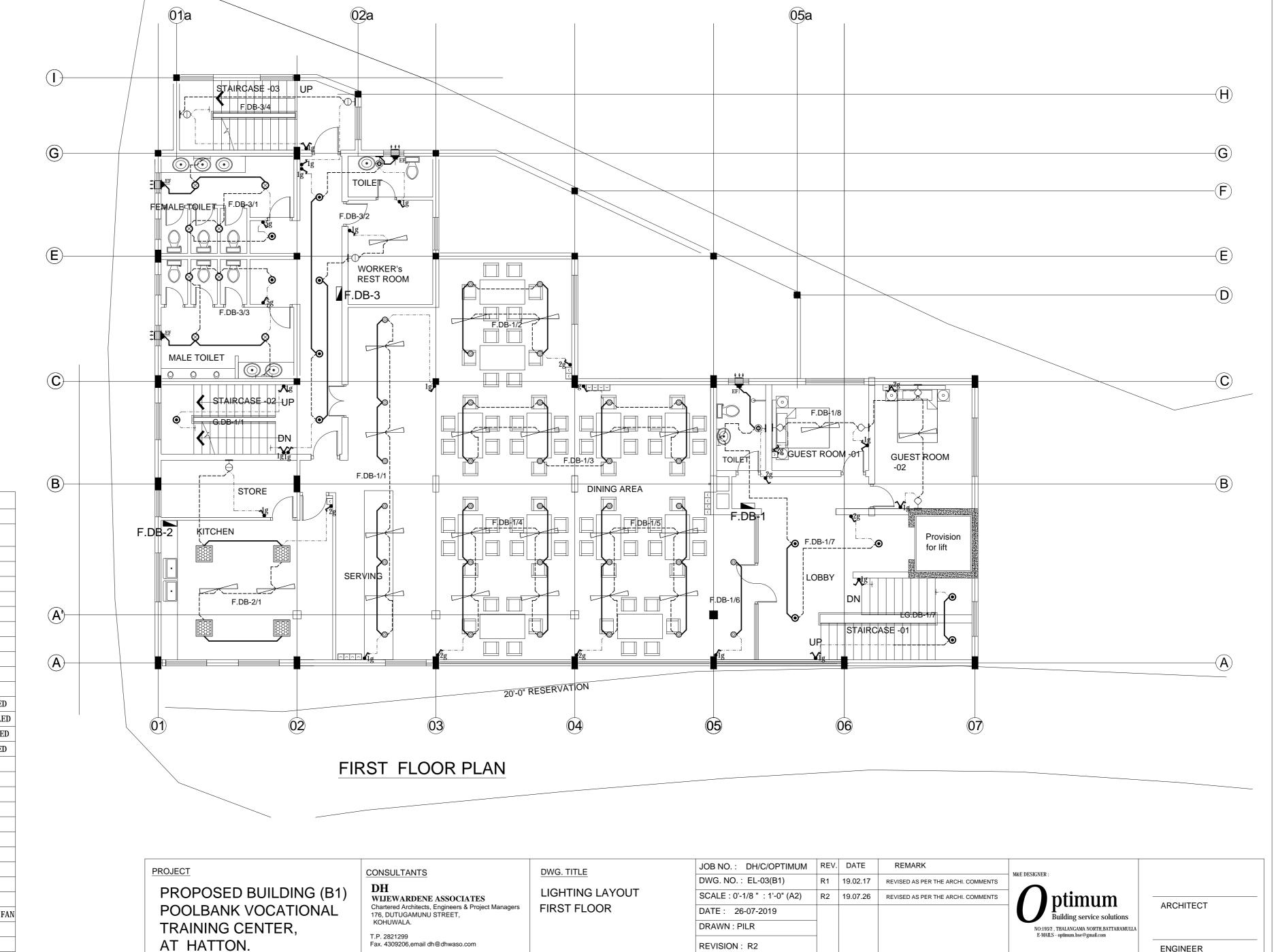
01a

PROPOSED BUILDING (B1)

POOLBANK VOCATIONAL

TRAINING CENTER,

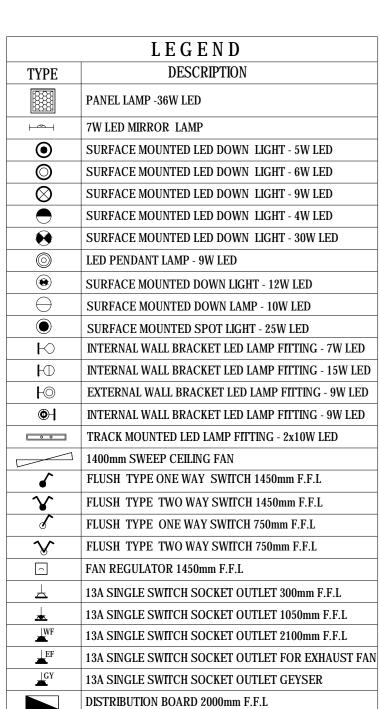


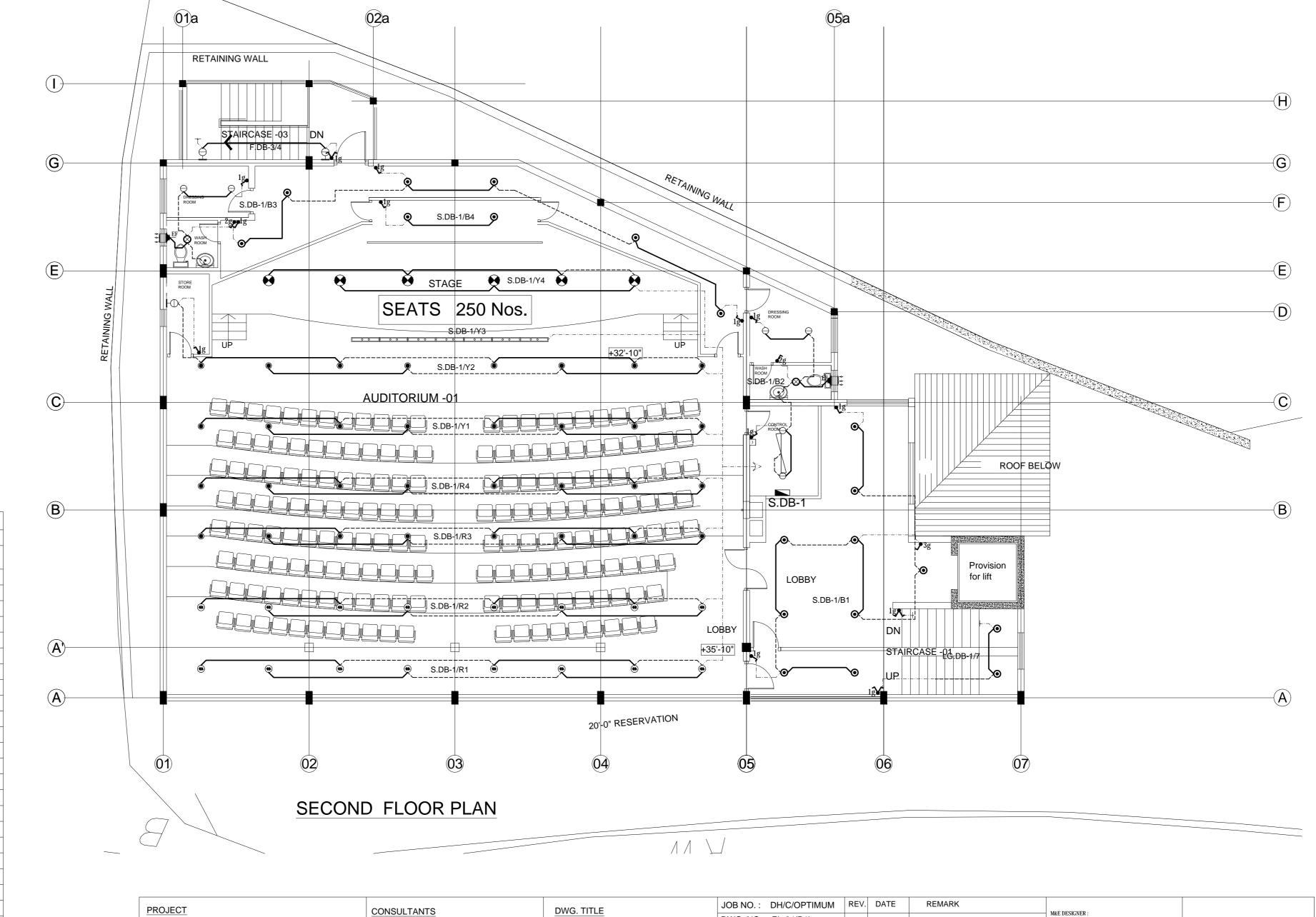


REVISION: R2

ENGINEER

Fax. 4309206,email dh@dhwaso.com





LIGHTING LAYOUT

SECOND FLOOR

WIJEWARDENE ASSOCIATES

Fax. 4309206,email dh@dhwaso.com

T.P. 2821299

Chartered Architects, Engineers & Project Managers 176, DUTUGAMUNU STREET, KOHUWALA.

DWG. NO.: EL-04(B1)

DATE: 26-07-2019

DRAWN : PILR

REVISION: R2

SCALE: 0'-1/8 ": 1'-0" (A2)

R1 19.02.17

R2 19.07.26

REVISED AS PER THE ARCHI. COMMENTS

REVISED AS PER THE ARCHI. COMMENTS

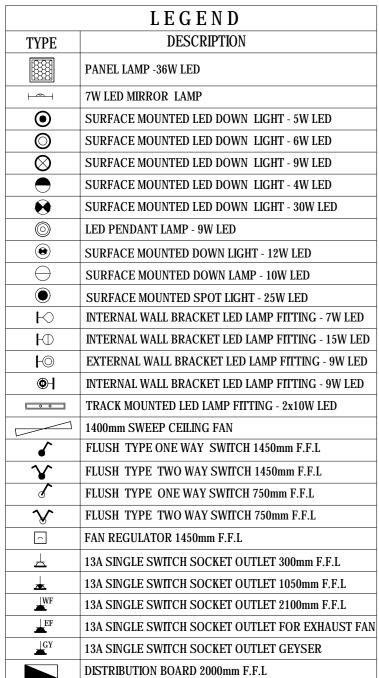
ptimum

NO:193/2 , THALANGAMA NORTH,BATTARAMULLA E-MAILS - optimum.bse@gmail.com

Building service solutions

ARCHITECT

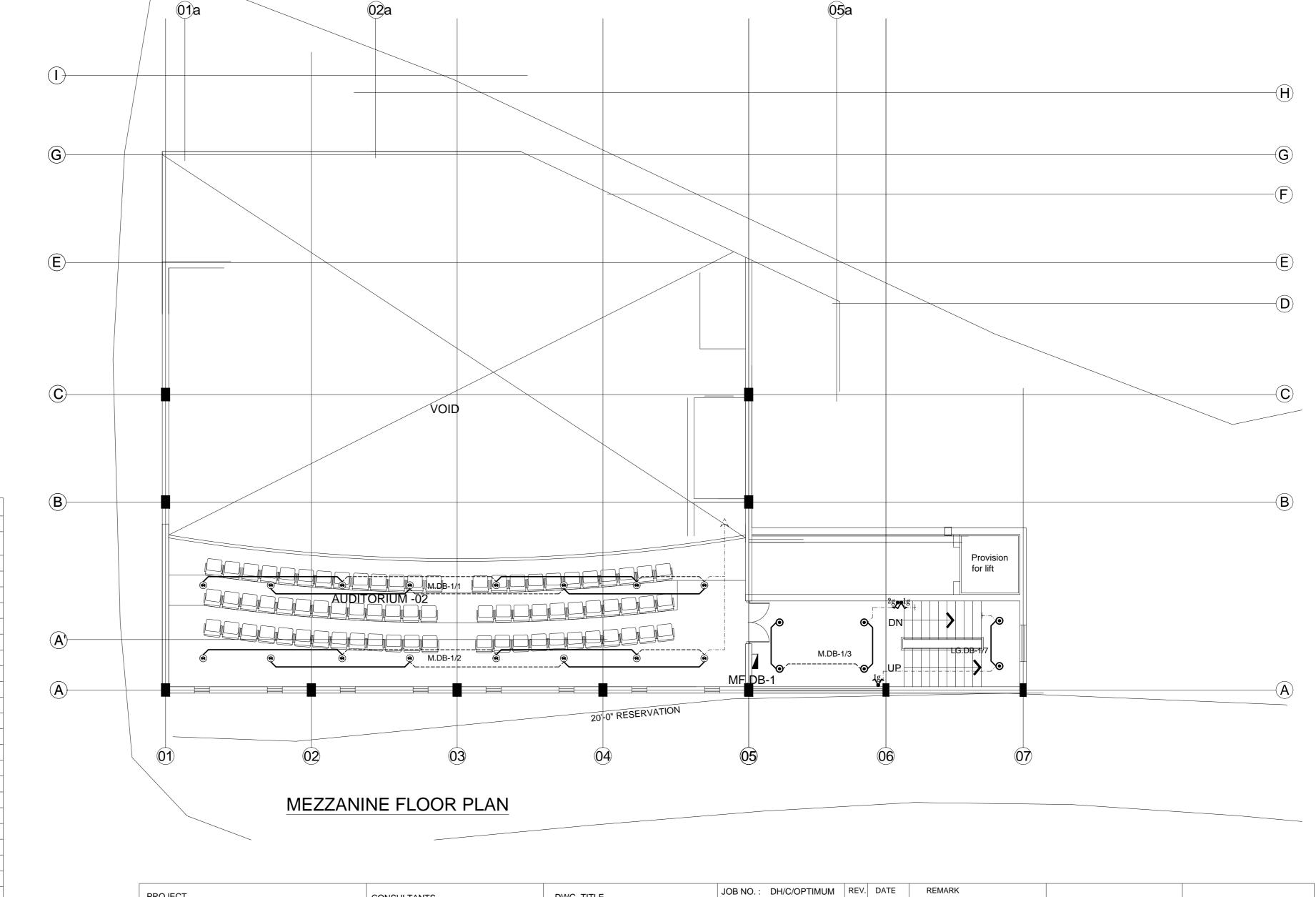
ENGINEER



PROPOSED BUILDING (B1)

POOLBANK VOCATIONAL

TRAINING CENTER,



DWG. TITLE

LIGHTING LAYOUT

MEZZANINE FLOOR

DWG. NO.: EL-05(B1)

DATE: 26-07-2019

DRAWN : PILR

REVISION: R2

SCALE: 0'-1/8 ": 1'-0" (A2)

R1 19.02.17

R2 19.07.26

M&E DESIGNER:

ptimum

NO:193/2 , THALANGAMA NORTH,BATTARAMULLA E-MAILS - optimum.bse@gmail.com

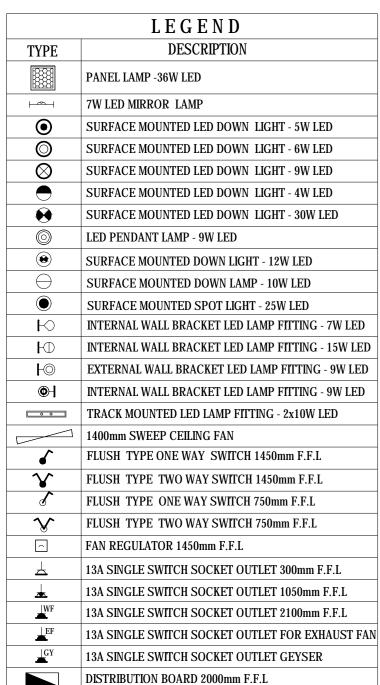
Building service solutions

ARCHITECT

ENGINEER

REVISED AS PER THE ARCHI. COMMENTS

REVISED AS PER THE ARCHI. COMMENTS



PROJECT

PROPOSED BUILDING (B1)

POOLBANK VOCATIONAL

TRAINING CENTER,

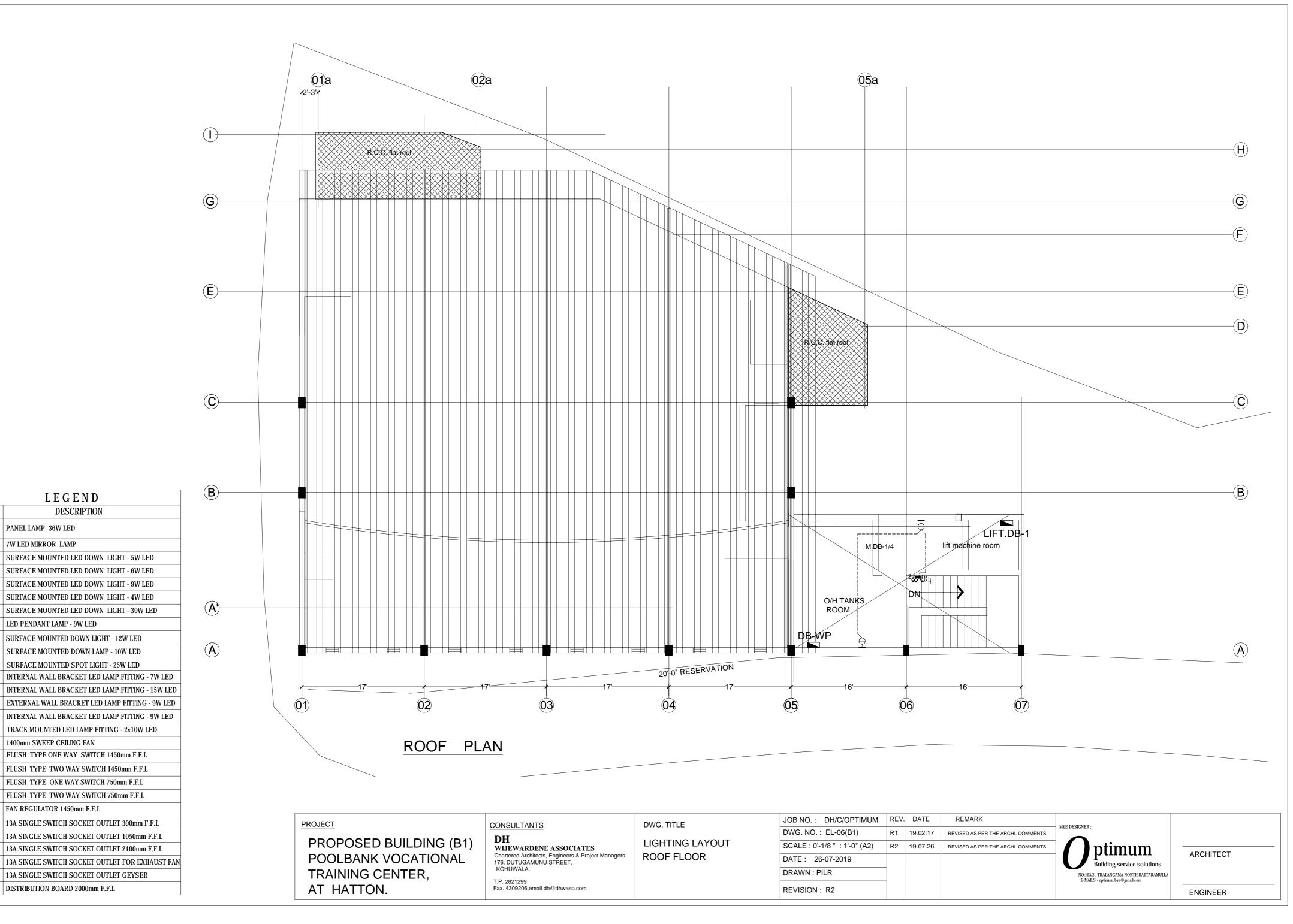
AT HATTON.

CONSULTANTS

WIJEWARDENE ASSOCIATES

T.P. 2821299 Fax. 4309206,email dh@dhwaso.com

Chartered Architects, Engineers & Project Managers 176, DUTUGAMUNU STREET, KOHUWALA.



LEGEND

PANEL LAMP -36W LED

7W LED MIRROR LAMP

LED PENDANT LAMP - 9W LED

1400mm SWEEP CEILING FAN

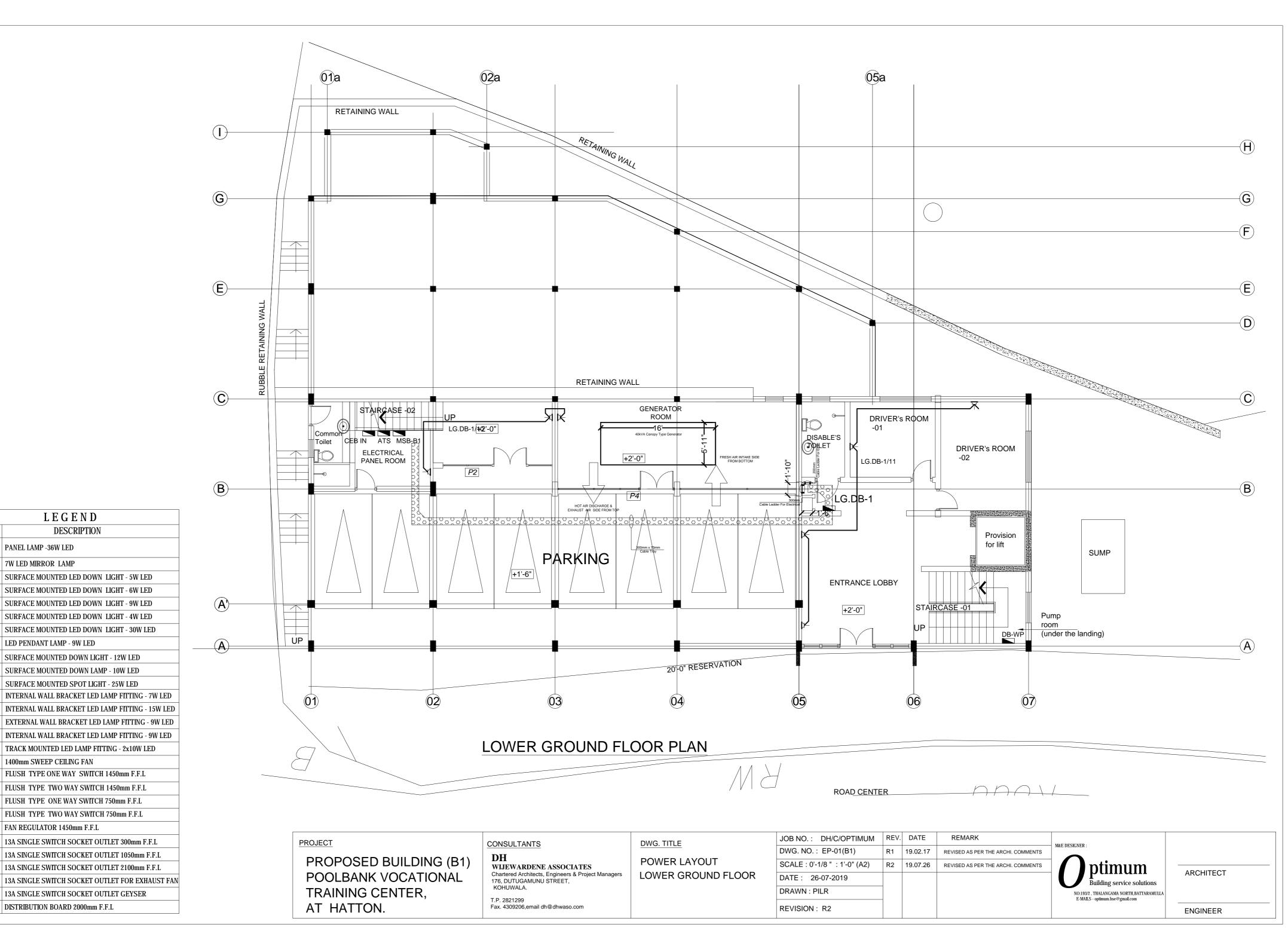
FAN REGULATOR 1450mm F.F.L

TYPE

%

 $\widehat{}$

DESCRIPTION



LEGEND

PANEL LAMP -36W LED

7W LED MIRROR LAMP

LED PENDANT LAMP - 9W LED

1400mm SWEEP CEILING FAN

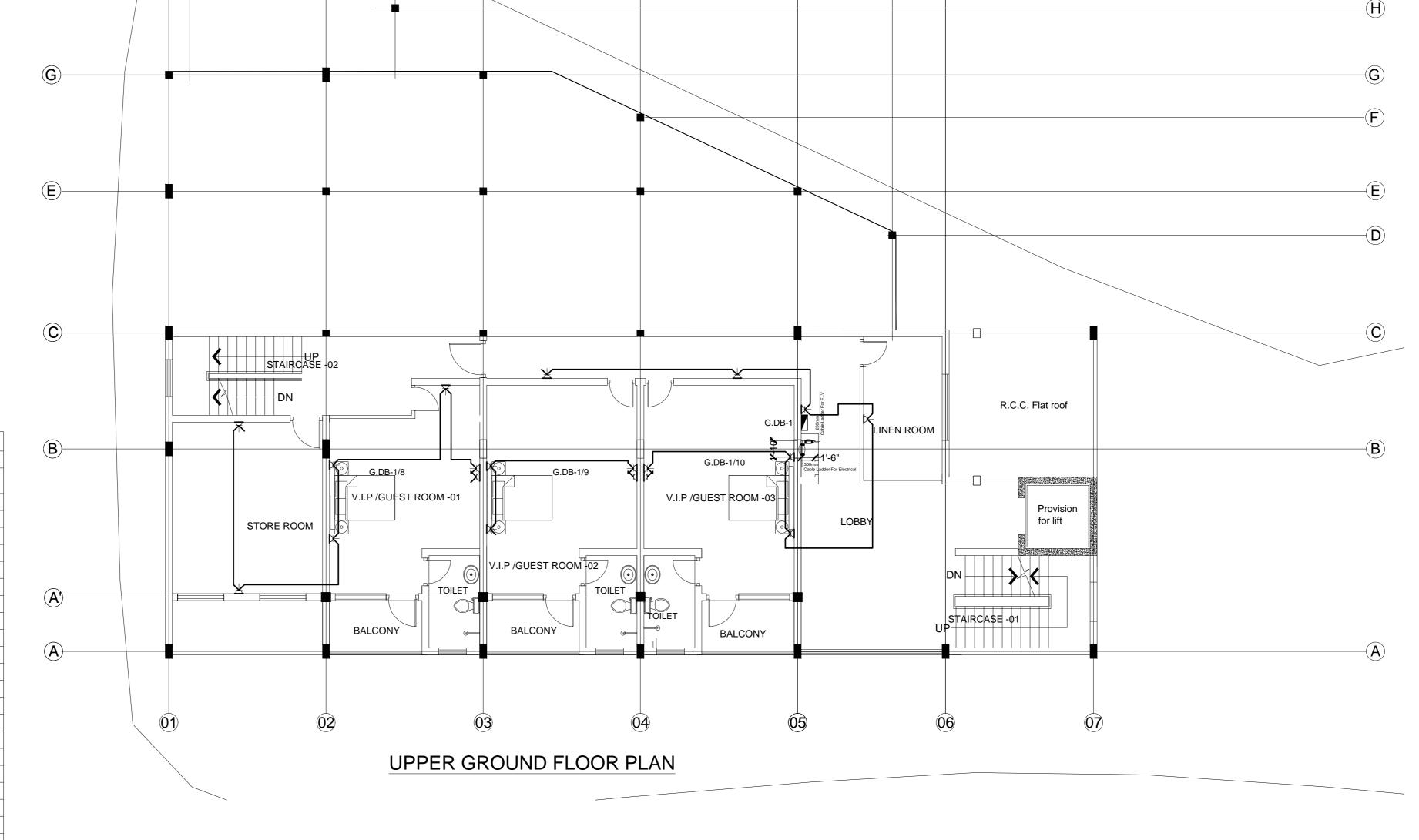
FAN REGULATOR 1450mm F.F.L

TYPE

%

 $\widehat{}$

DESCRIPTION



DWG. TITLE

POWER LAYOUT

UPPER GROUND FLOOR

CONSULTANTS

T.P. 2821299

WIJEWARDENE ASSOCIATES

Fax. 4309206,email dh@dhwaso.com

Chartered Architects, Engineers & Project Managers 176, DUTUGAMUNU STREET, KOHUWALA.

05a

REV. DATE

R1 19.02.17

R2 19.07.26

JOB NO.: DH/C/OPTIMUM

SCALE: 0'-1/8 ": 1'-0" (A2)

DWG. NO.: EP-02(B1)

DATE: 26-07-2019

DRAWN : PILR

REVISION: R2

REMARK

REVISED AS PER THE ARCHI. COMMENTS

REVISED AS PER THE ARCHI. COMMENTS

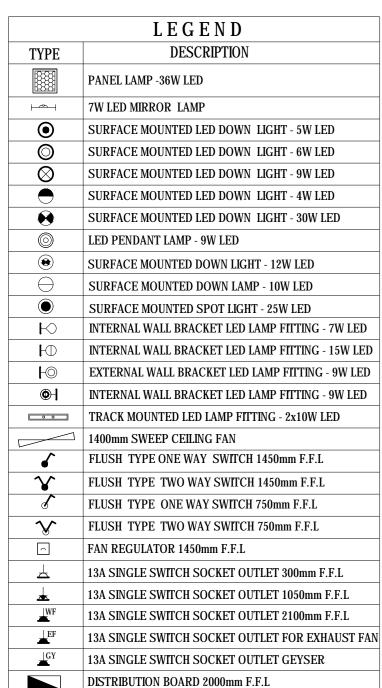
M&E DESIGNER:

ptimum

NO:193/2 , THALANGAMA NORTH,BATTARAMULLA E-MAILS - optimum.bse@gmail.com

ARCHITECT

ENGINEER



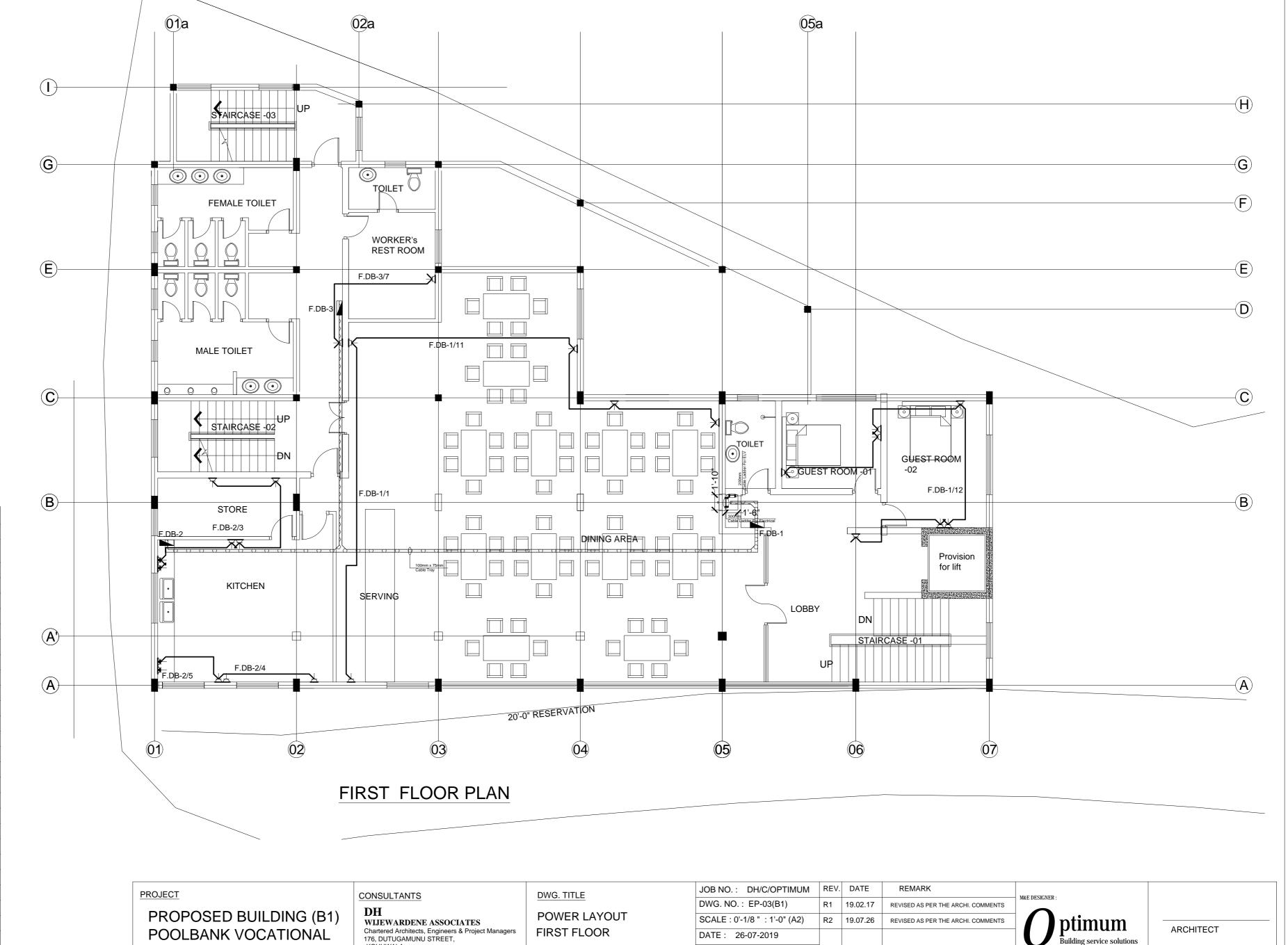
01a

PROJECT

PROPOSED BUILDING (B1)

POOLBANK VOCATIONAL

TRAINING CENTER,



DRAWN : PILR

REVISION: R2

NO:193/2 , THALANGAMA NORTH,BATTARAMULLA E-MAILS - optimum.bse@gmail.com

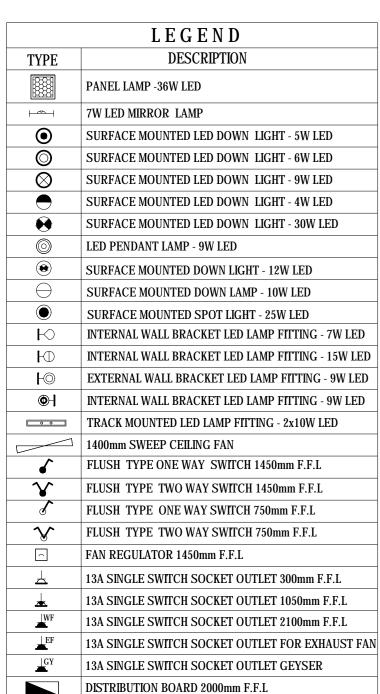
ENGINEER

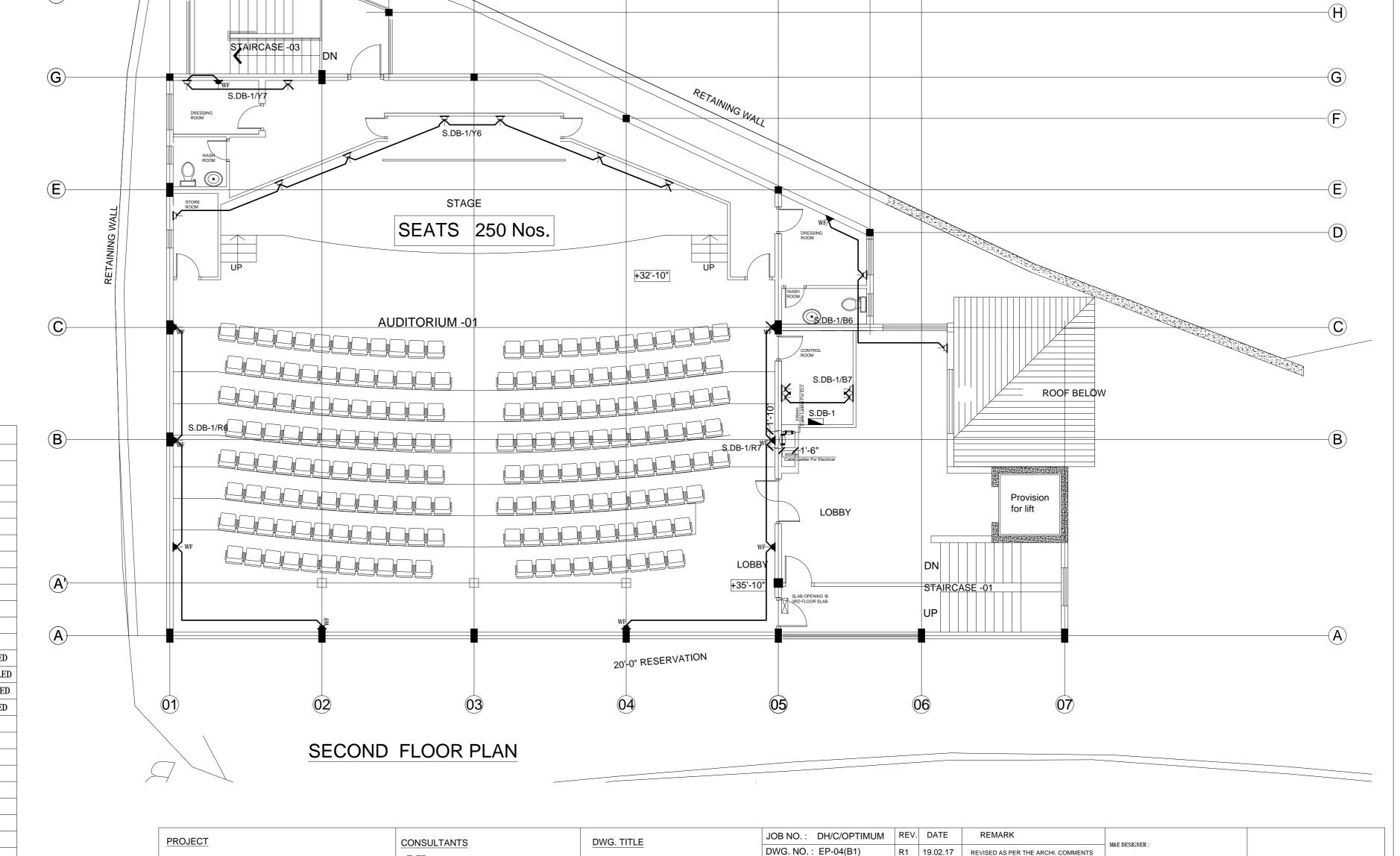
KOHUWALA.

T.P. 2821299

Fax. 4309206,email dh@dhwaso.com

TRAINING CENTER,





POWER LAYOUT

SECOND FLOOR

WIJEWARDENE ASSOCIATES

T.P. 2821299 Fax. 4309206,email dh@dhwaso.com

Chartered Architects, Engineers & Project Managers 176, DUTUGAMUNU STREET, KOHUWALA.

05a

R1 19.02.17

R2 19.07.26

SCALE: 0'-1/8 ": 1'-0" (A2)

DATE: 26-07-2019

DRAWN : PILR

REVISION: R2

REVISED AS PER THE ARCHI. COMMENTS

REVISED AS PER THE ARCHI. COMMENTS

ptimum

NO:193/2 , THALANGAMA NORTH,BATTARAMULLA E-MAILS - optimum.bse@gmail.com

ARCHITECT

ENGINEER

02a

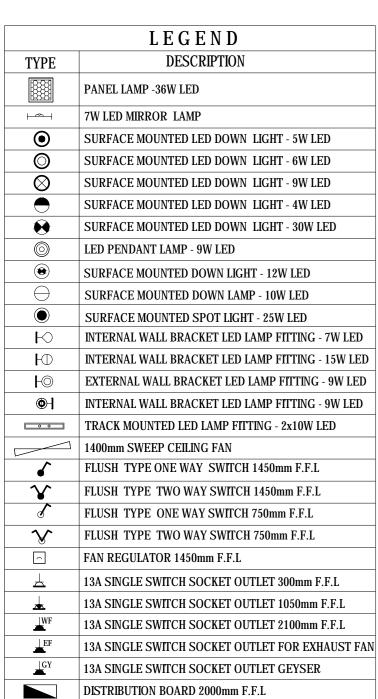
01a

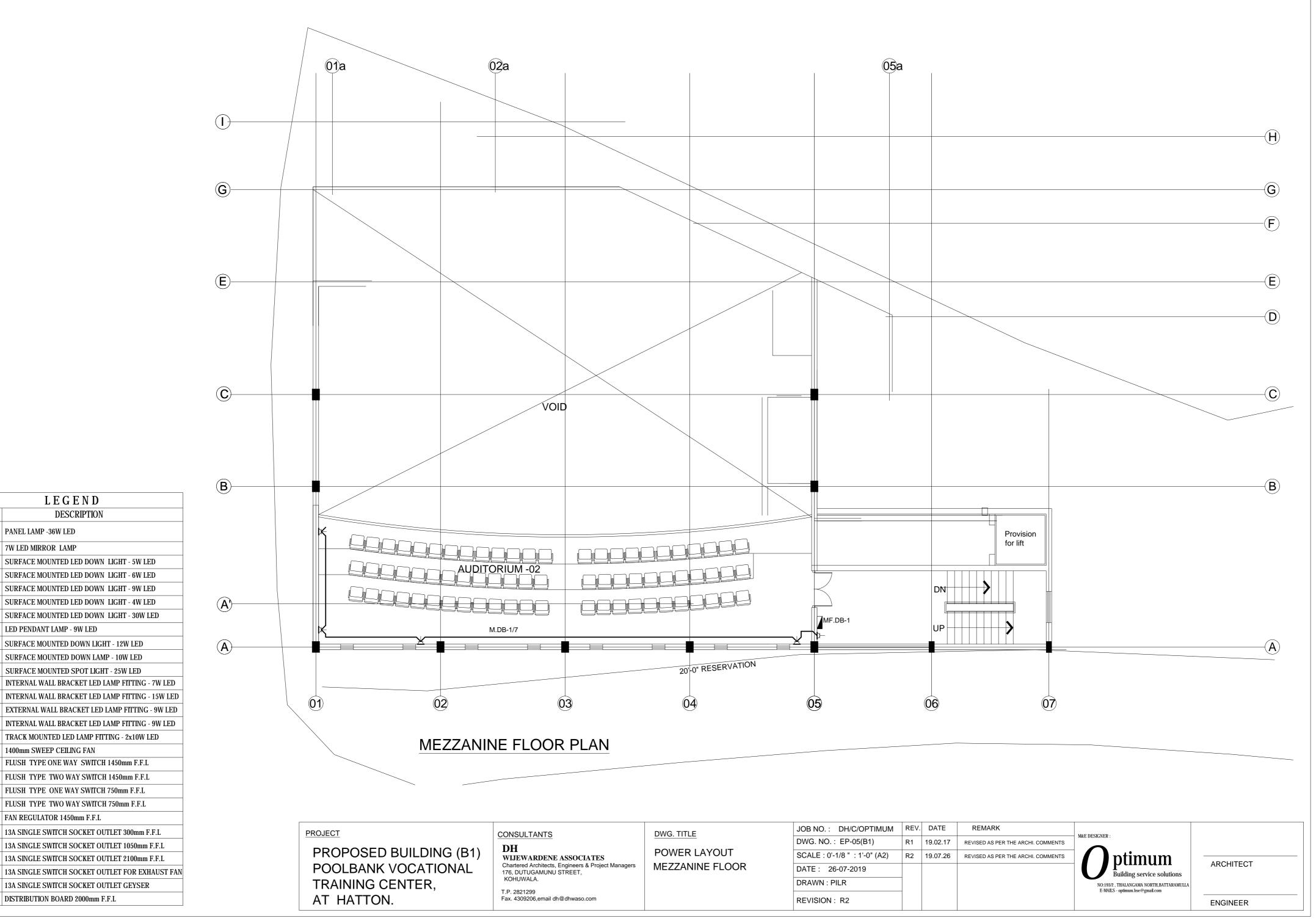
RETAINING WALL

PROPOSED BUILDING (B1)

POOLBANK VOCATIONAL

TRAINING CENTER,





LEGEND

PANEL LAMP -36W LED

7W LED MIRROR LAMP

LED PENDANT LAMP - 9W LED

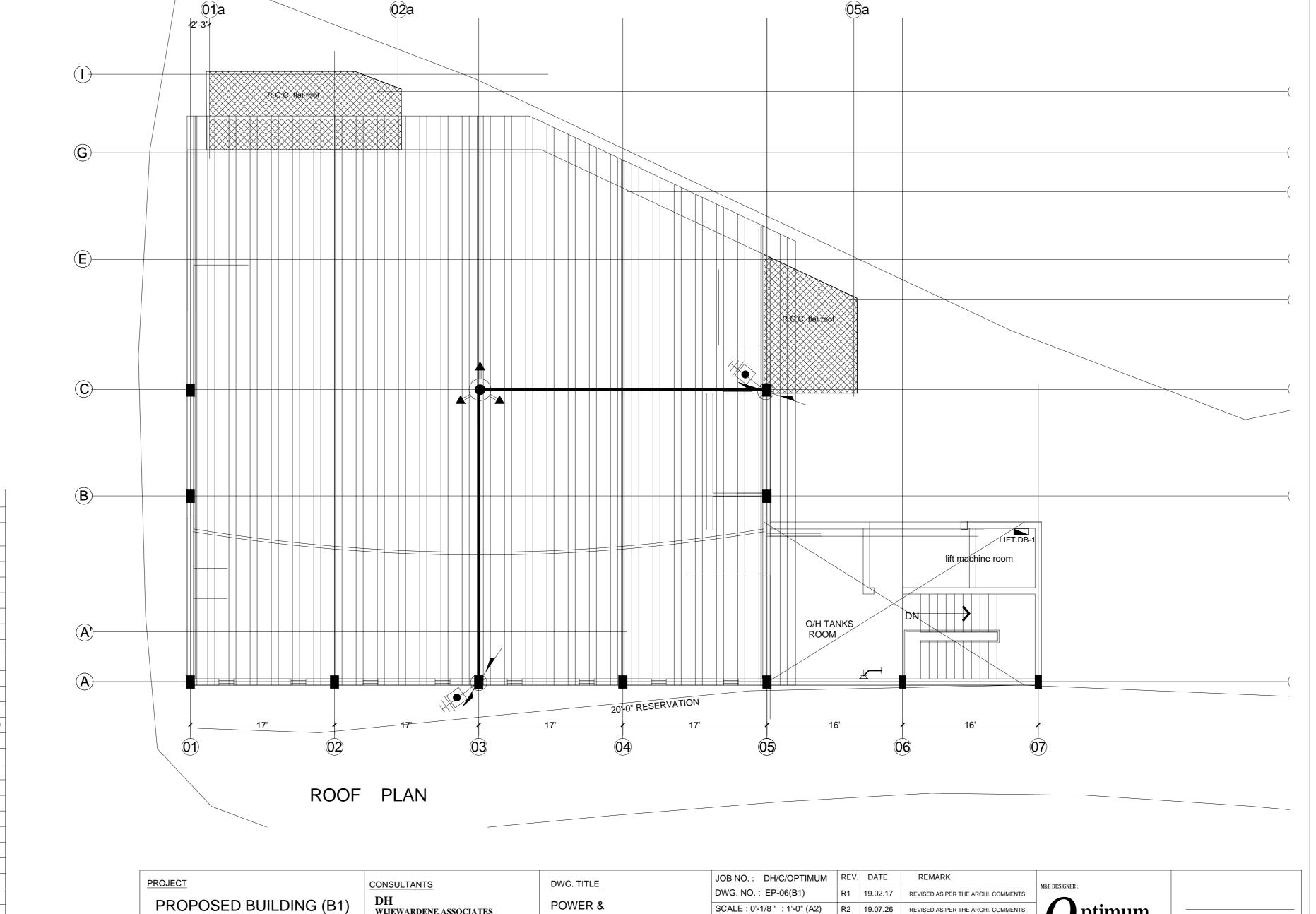
1400mm SWEEP CEILING FAN

FAN REGULATOR 1450mm F.F.L

TYPE

% $\widehat{}$

DESCRIPTION



LIGHTNING PROTECTION

LAYOUT

ROOF FLOOR

WIJEWARDENE ASSOCIATES

T.P. 2821299 Fax. 4309206,email dh@dhwaso.com

Chartered Architects, Engineers & Project Managers 176, DUTUGAMUNU STREET, KOHUWALA.

POOLBANK VOCATIONAL

TRAINING CENTER,

AT HATTON.

SCALE: 0'-1/8 ": 1'-0" (A2)

DATE: 26-07-2019

DRAWN : PILR

REVISION: R2

R2 19.07.26

REVISED AS PER THE ARCHI. COMMENTS

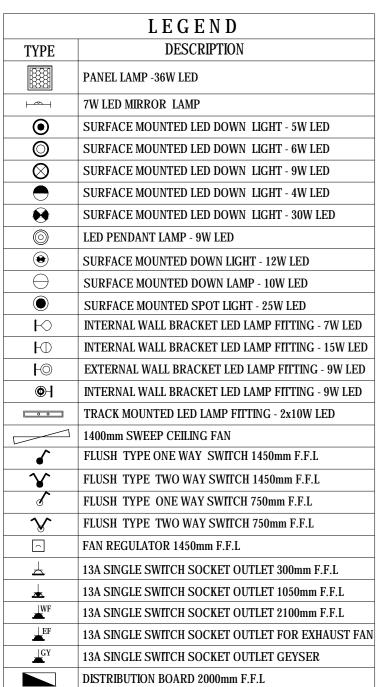
ptimum

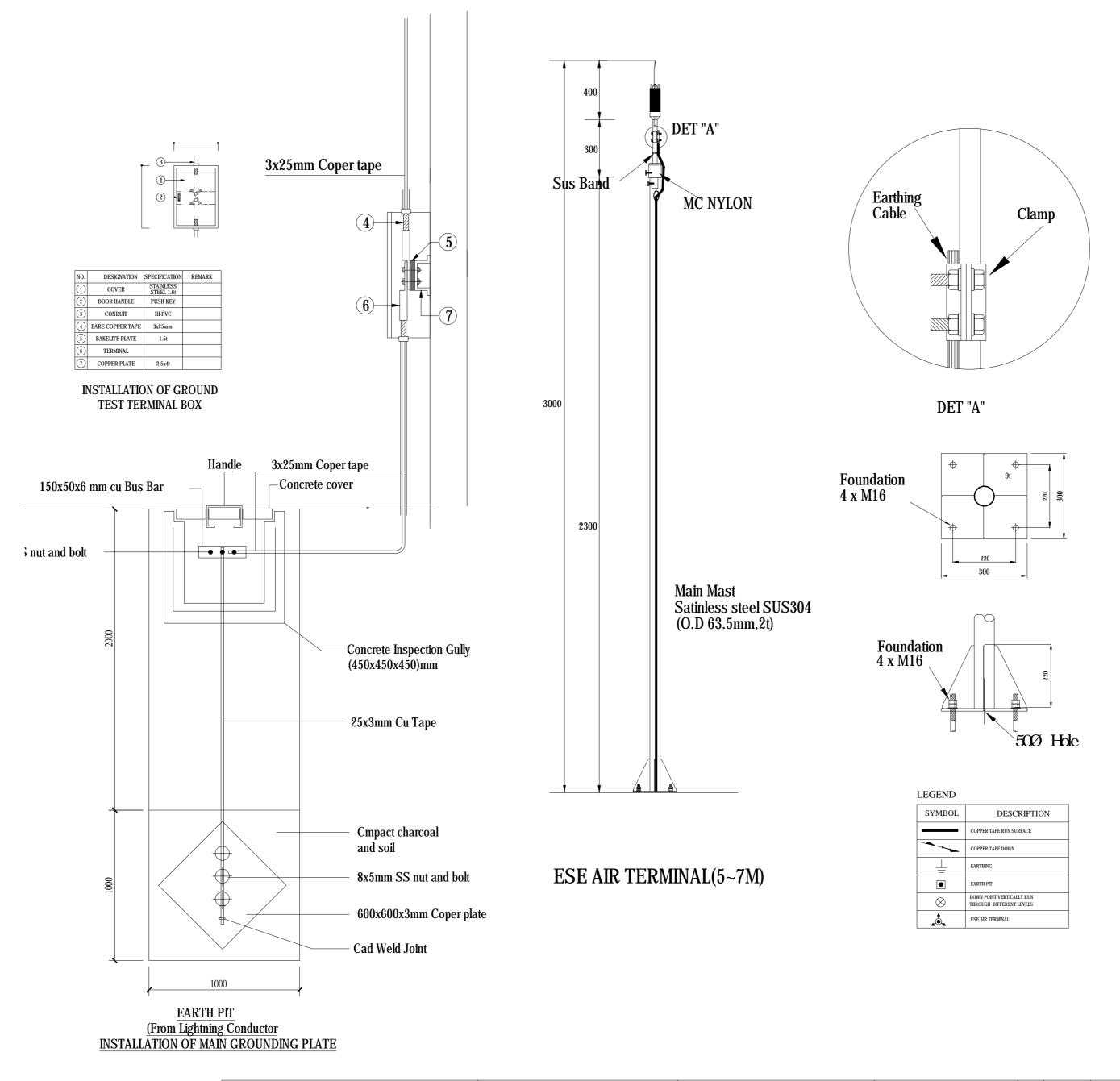
NO:193/2 , THALANGAMA NORTH,BATTARAMULLA E-MAILS - optimum.bse@gmail.com

Building service solutions

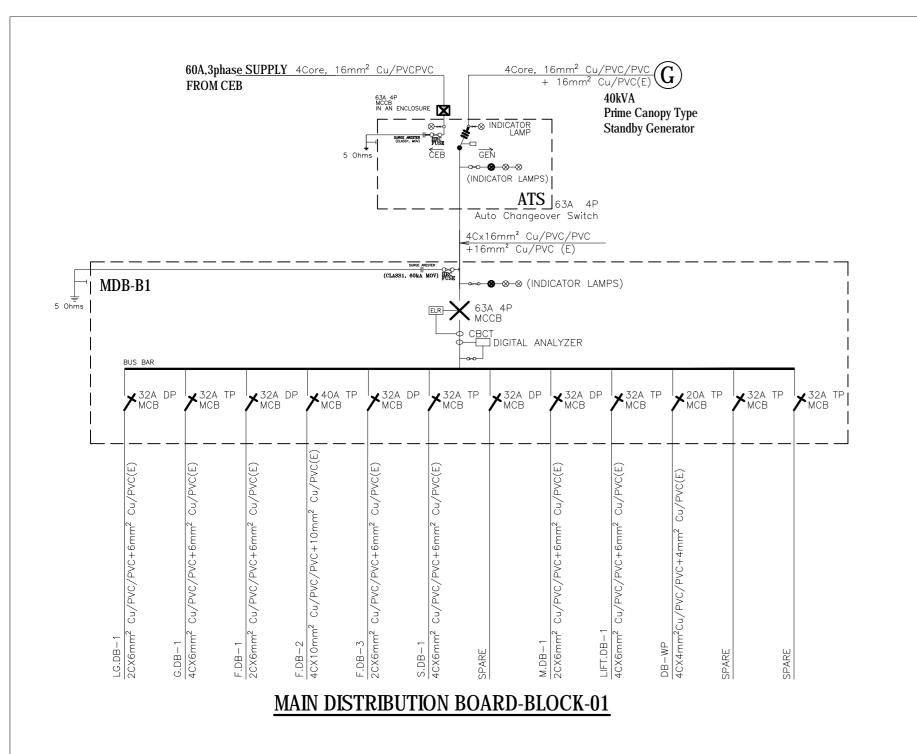
ARCHITECT

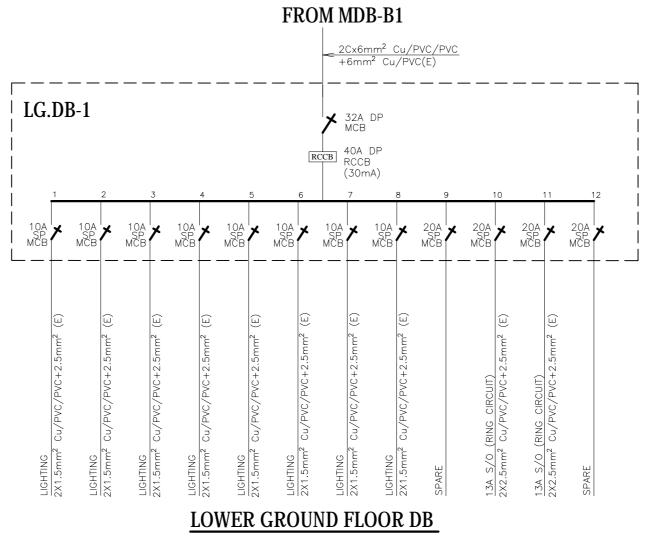
ENGINEER

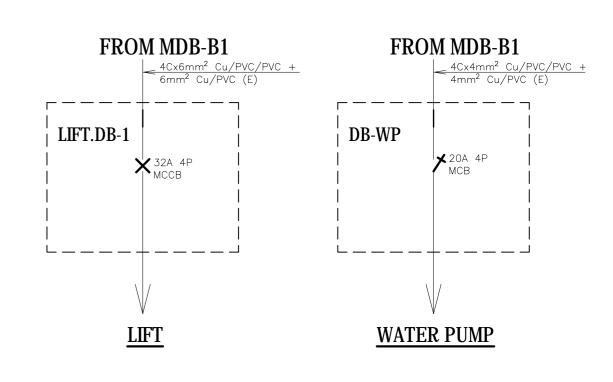




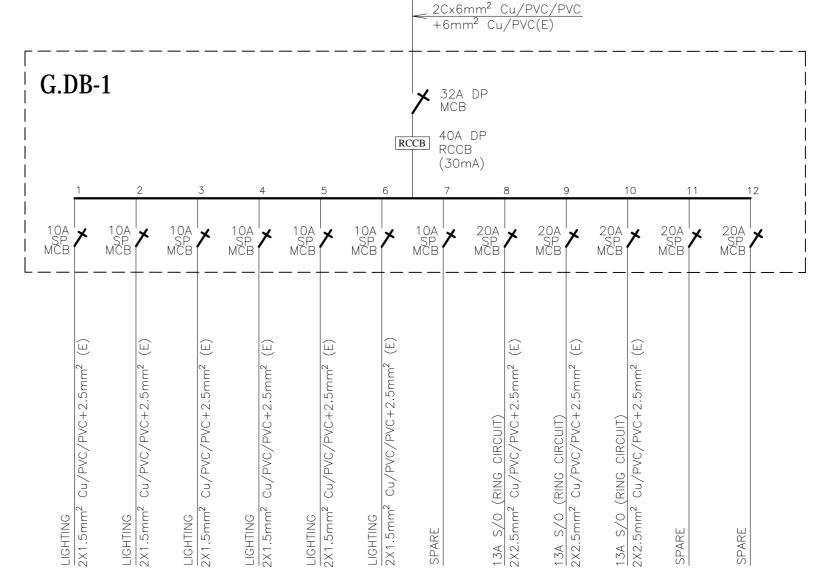
JOB NO. : DH/C/OPTIMUM REV. DATE REMARK PROJECT CONSULTANTS DWG. TITLE M&E DESIGNER: DWG. NO.: LP-01(B1) R1 19.02.17 REVISED AS PER THE ARCHI. COMMENTS PROPOSED BUILDING (B1) LIGHTNING PROTECTION SCALE: 0'-1/8 ": 1'-0" (A2) R2 19.07.26 REVISED AS PER THE ARCHI. COMMENTS WIJEWARDENE ASSOCIATES ptimum Chartered Architects, Engineers & Project Managers 176, DUTUGAMUNU STREET, KOHUWALA. DETAIL **ARCHITECT** POOLBANK VOCATIONAL DATE: 26-07-2019 Building service solutions TRAINING CENTER, DRAWN : PILR NO:193/2 , THALANGAMA NORTH,BATTARAMULLA E-MAILS - optimum.bse@gmail.com T.P. 2821299 Fax. 4309206,email dh@dhwaso.com AT HATTON. REVISION: R2 **ENGINEER**





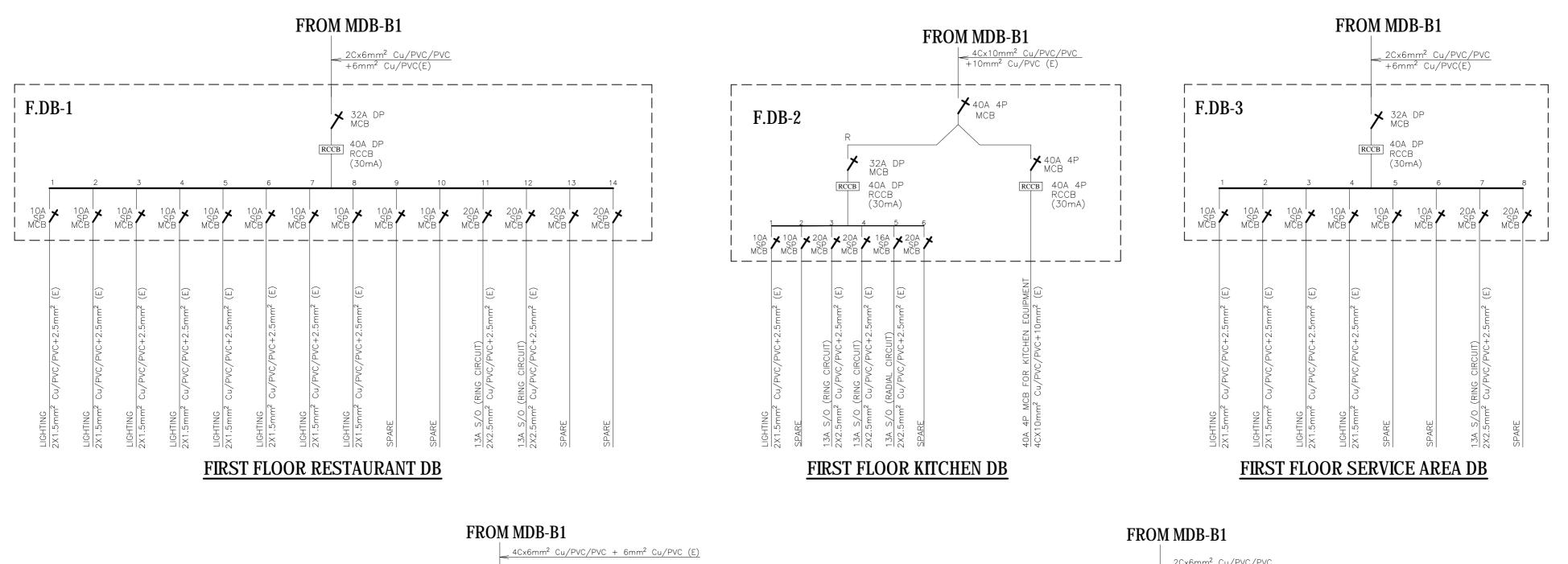


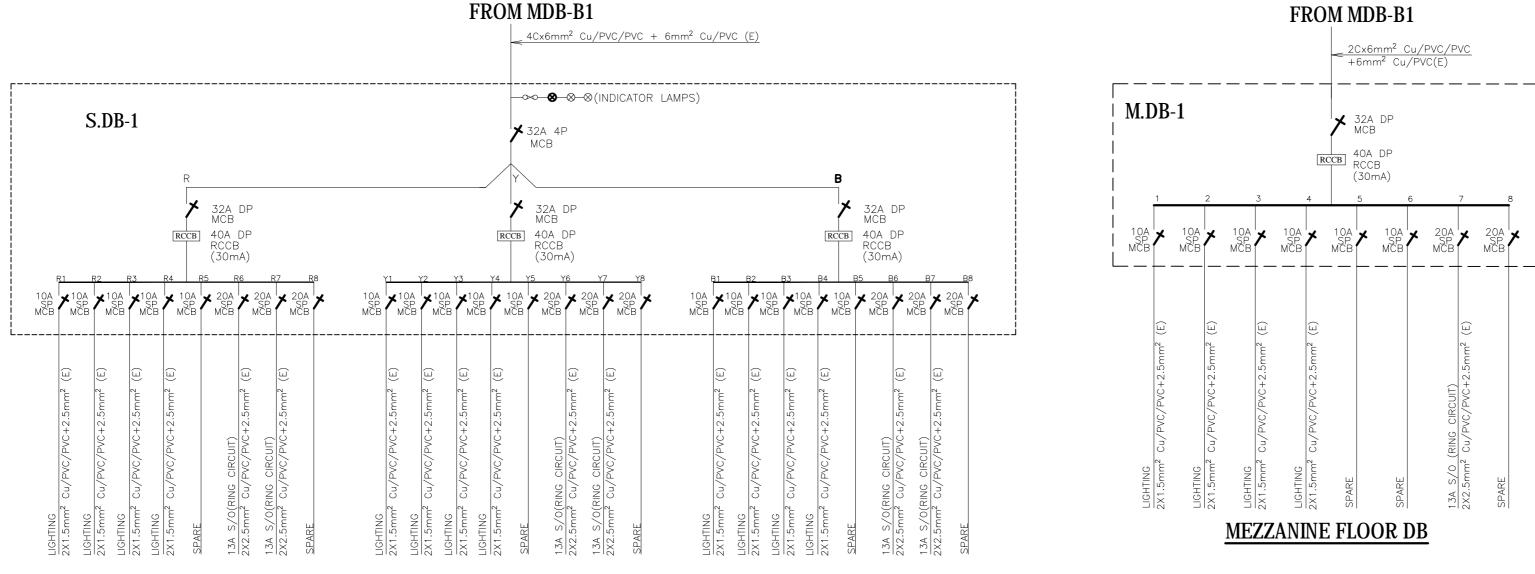
FROM MDB-B1



GROUND FLOOR DB

PROJECT	CONSULTANTS	DWG. TITLE	JOB NO. : DH/C/OPTIMUM	REV.	DATE	REMARK	- M&E DESIGNER :	
	DH		DWG. NO.: DB-01(B1)	R1	19.02.17	REVISED AS PER THE ARCHI. COMMENTS	INCLUDING ALL CONTROL OF THE PROPERTY OF THE P	
PROPOSED BUILDING (B1)	WIJEWARDENE ASSOCIATES	DISTRIBUTION BOARDS	SCALE: 0'-1/8 ": 1'-0" (A2)	R2	19.07.26	REVISED AS PER THE ARCHI. COMMENTS	f ptimum	
POOLBANK VOCATIONAL	Chartered Architects, Engineers & Project Managers 176, DUTUGAMUNU STREET.		DATE: 26-07-2019				Building service solutions	ARCHITECT
TRAINING CENTER,	KOHUWALA.		DRAWN : PILR	1			NO:193/2 , THALANGAMA NORTH,BATTARAMULLA	
AT HATTON.	T.P. 2821299 Fax. 4309206,email dh@dhwaso.com		REVISION: R2				E-MAILS - optimum.bse@gmail.com	ENGINEER

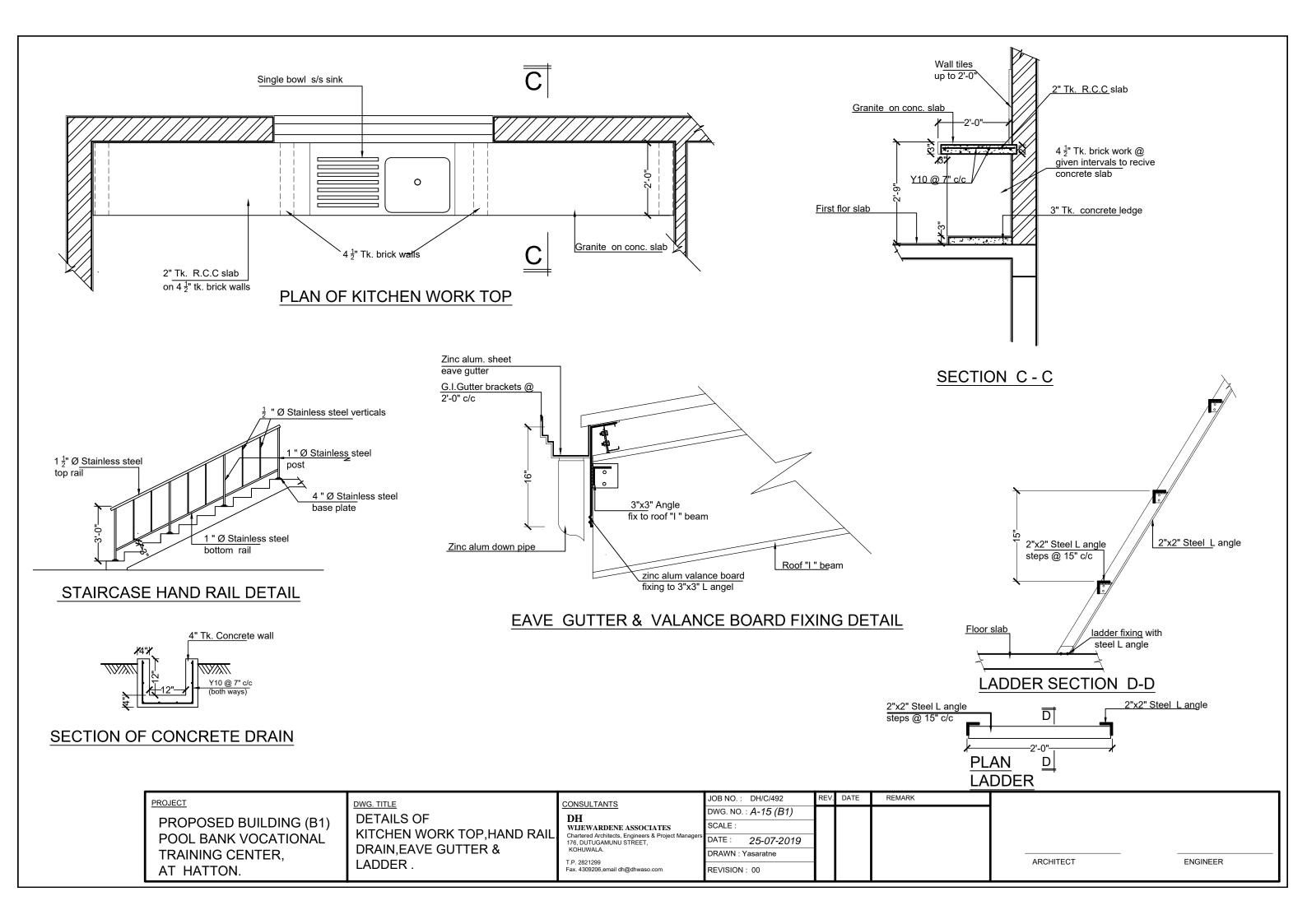




SECOND FLOOR DB

PROJECT	CONSULTANTS	DWG. TITLE	JOB NO. : DH/C/OPTIMUM	REV. DA	ATE	REMARK	- M&E DESIGNER :	
	DH	<u></u>		R1 19.0	.02.17	REVISED AS PER THE ARCHI. COMMENTS	MRE DESIGNER.	
PROPOSED BUILDING (B1)	WIJEWARDENE ASSOCIATES		SCALE: 0'-1/8 ": 1'-0" (A2)	R2 19.0	.07.26	REVISED AS PER THE ARCHI. COMMENTS	f btimum	
POOLBANK VOCATIONAL	Chartered Architects, Engineers & Project Managers 176, DUTUGAMUNU STREET.		DATE: 26-07-2019				Building service solutions	ARCHITECT
TRAINING CENTER,	KOHUWALA.		DRAWN : PILR				NO:193/2 , THALANGAMA NORTH,BATTARAMULLA	
AT HATTON.	T.P. 2821299 Fax. 4309206,email dh@dhwaso.com		REVISION: R2				E-MAILS - optimum.bse@gmail.com	ENGINEER

Annex 3



Annex 4

CONTENTS	
A - PRELIMINARIES	
B - EXCAVATOR	
C - CONCRETOR	
D - MASONRY WORK	
E - BRICK WORK	
F - METAL WORKS	
G - CARPENTRY AND JOINARY	
H- ROOF AND ROOF PLUMBING	
J -STRUCTURAL STEEL	
K - PLUMBING WORK	
L - FLOOR WALL AND CEILING FINISHES	
M - PAINTING	
N- WATER PROOFING	
P - ELECTRICAL INSTALATION	
R - EXTERNAL WORK	
S - LIGHTNING PROTECTION SYSTEM	
T - FIRE PROTECTION SYSTEM	
U - PROVISIONAL SUM	

	Bill No.1 - PRELIMINAL	RIES					
	General						
	<u>General</u>						
1.0							
	the Works, which are required to be provided by the Contractor in accordance with the ICTAD/CIDA Standard Bidding						
	Documents.						
2.0	Item listed under Bill No.1	- Preliminaries from part of the Job (Overhead on or off site	e, other than the Con	tractor's		
		therefore, the Overhead and profit con	` ` `				
	items in the Bill of Quantities shall not include the cost of expenses in relation to said items in the Preliminaries Bill.						
2.0	The hidden shall read under	rstand and acquaint himself with the r	navinamanta in the Ca	unditions of Contract	Data		
3.0		Specifications of Works. Particular S					
		ee that his price includes for complying					
	referred to in this bill of qu		5	1	<u>_</u>		
4.0		isit the site of the proposed work as it					
	pertaining to the access to	the site, the external working space, s	torage area, adjacent p	prosperities, environi	nent etc.		
5.0	Cost and expenses in conne	ection with any other preliminary item	s which are not listed	in this Bill No 1 - P	reliminaries		
3.0	are not necessary for the du	ue completion of Works, are deemed t	o be included in the ra	ites of work items.	i ciiii iiii ii ci		
	,	,					
6.0		orice each individual item given in this					
		e has been stated against any item her					
		even though he is obliged to execute the the bidder are deemed to include the			ein.		
	Premimary nems priced of	y the bidder are deemed to include the	cost of any such un-p	officed fields.			
	Mode of Payment			Category			
		ost on submission of the relevant doct		A			
	Insurance Policies and Sec	plus 5% of the actual cost of obtainin	g the				
	msurance Foncies and Sec	urities.					
	To be paid on signing of th	e formal Contract Agreement.		В			
		porary buildings or structures, 30% in		С			
		ract period and balance 10% on disma	ntling				
	and removal on completion	n.					
	Paid on satisfactorily comp	pletion of the item		D			
	, ,						
	In equal installments over	the contract period.		Е			
	N. 1 C		.1				
		tually agreed between Contractor and ement of contract in relation to the	the	F			
	Programme of work	ement of contract in relation to the					
	On the completion of worl	ks		G			
	The contractor will reimb	oursed if the price of the time purch	nasing is excess in the	prime cost also the	different will		
		te if the price is less than the prime					
	Item	Prime cost	Actual cost	Deference			
			(Invoice value)				
		I	1	1	<u> </u>		

ITEM	DESCRIPTION OF WORK	Mode of			
1112111	DESCRIPTION OF WORK	Payment	UNIT		AMOUNT
		Category		RATE	
		- uningsij			
	Note:				
	Bidders are advised to read general notes of Bill No.1 Preliminaries	s on page 2	before	pricing.	
	· ·				
	Bill No.1				
	A - PRELIMINARIES				
A1	Provisional Sum for providing a Performance Security.	A	Pro.sum	60,000.00	60,000.00
A2	Provisional Sum for providing an Advance Payment Security.	A	Pro.sum	240,000.00	240,000.00
		71	i io.suii	240,000.00	240,000.00
A3	Provisional Sum for insurance of Works, Machinery & Equipment, Plant, Material, third party persons & property and Employer's				
	personnel & property at site as per the Contract	٨	Dro cum	150,000.00	150,000.00
	personner & property at site as per the Contract	A	Pro.sum	130,000.00	130,000.00
A 1	Provisional Sum for insurance against accident and injury to Contractor	r'a			
A4	personnel as per the contract.	A	Pro.sum	75,000.00	75,000.00
	personner as per the contract.	A	Pro.sum	73,000.00	73,000.00
	Engineeris Facilities				
	Engineer's Facilities				
A5	Allow lump sum for constructing, maintaining, dismantling and remova	 a1			
AJ	on completion of the Works, a temporary building for Engineer's office				
	in conformity with the plans provided for Engineer's requirements,	1			
	including necessary furniture and fittings, furnishing, sanitary				
		C	T4		
	facilities and other facilities.	С	Item		
A6	Allow lump sum for providing telephone and facsimile facilities,				
	electricity and water services for the Engineer's site office for	_	_		
	their use in connection with the Works.	D	Item		
A7	Allow lump sum for maintenance, rental, consumption charges etc. for				
	telephone and facsimile facilities, electricity and water services for	Е	Item		
	the Engineer's site office for their use in connection with the Works.		I CIII		
	Contractor's Facilities				
A8	Allow lump sum for constructing, maintaining, dismantling and				
	fremoval on completion of the works, a temporary site office of				
	removal on completion of the Works, a temporary site office of		Team		
	adequate size including staff rest room and toilets and other facilities	С	Item		
	adequate size including staff rest room and toilets and other facilities for the Contractor's site management staff in accordance with the	С	Item		
	adequate size including staff rest room and toilets and other facilities	С	Item		
A ()	adequate size including staff rest room and toilets and other facilities for the Contractor's site management staff in accordance with the plans prepared by the contractor and concurred by the Engineer.	С	Item		
A9	adequate size including staff rest room and toilets and other facilities for the Contractor's site management staff in accordance with the plans prepared by the contractor and concurred by the Engineer. Allow lump sum for constructing, maintaining, dismantling and	С	Item		
A9	adequate size including staff rest room and toilets and other facilities for the Contractor's site management staff in accordance with the plans prepared by the contractor and concurred by the Engineer. Allow lump sum for constructing, maintaining, dismantling and removal on completion of the Works, buildings to be used as	С	Item		
A9	adequate size including staff rest room and toilets and other facilities for the Contractor's site management staff in accordance with the plans prepared by the contractor and concurred by the Engineer. Allow lump sum for constructing, maintaining, dismantling and removal on completion of the Works, buildings to be used as workshops and stores for perishable materials. Buildings shall be	С	Item		
A9	adequate size including staff rest room and toilets and other facilities for the Contractor's site management staff in accordance with the plans prepared by the contractor and concurred by the Engineer. Allow lump sum for constructing, maintaining, dismantling and removal on completion of the Works, buildings to be used as workshops and stores for perishable materials. Buildings shall be constructed in accordance with the drawings prepared by the	С	Item		
A9	adequate size including staff rest room and toilets and other facilities for the Contractor's site management staff in accordance with the plans prepared by the contractor and concurred by the Engineer. Allow lump sum for constructing, maintaining, dismantling and removal on completion of the Works, buildings to be used as workshops and stores for perishable materials. Buildings shall be				
A9	adequate size including staff rest room and toilets and other facilities for the Contractor's site management staff in accordance with the plans prepared by the contractor and concurred by the Engineer. Allow lump sum for constructing, maintaining, dismantling and removal on completion of the Works, buildings to be used as workshops and stores for perishable materials. Buildings shall be constructed in accordance with the drawings prepared by the				
A9	adequate size including staff rest room and toilets and other facilities for the Contractor's site management staff in accordance with the plans prepared by the contractor and concurred by the Engineer. Allow lump sum for constructing, maintaining, dismantling and removal on completion of the Works, buildings to be used as workshops and stores for perishable materials. Buildings shall be constructed in accordance with the drawings prepared by the Contractor and concurred by the Engineer. The lump sum shall also				
A9	adequate size including staff rest room and toilets and other facilities for the Contractor's site management staff in accordance with the plans prepared by the contractor and concurred by the Engineer. Allow lump sum for constructing, maintaining, dismantling and removal on completion of the Works, buildings to be used as workshops and stores for perishable materials. Buildings shall be constructed in accordance with the drawings prepared by the Contractor and concurred by the Engineer. The lump sum shall also include for altering, modifying, or dismantling and re-erecting within				
A9	adequate size including staff rest room and toilets and other facilities for the Contractor's site management staff in accordance with the plans prepared by the contractor and concurred by the Engineer. Allow lump sum for constructing, maintaining, dismantling and removal on completion of the Works, buildings to be used as workshops and stores for perishable materials. Buildings shall be constructed in accordance with the drawings prepared by the Contractor and concurred by the Engineer. The lump sum shall also include for altering, modifying, or dismantling and re-erecting within				
A9	adequate size including staff rest room and toilets and other facilities for the Contractor's site management staff in accordance with the plans prepared by the contractor and concurred by the Engineer. Allow lump sum for constructing, maintaining, dismantling and removal on completion of the Works, buildings to be used as workshops and stores for perishable materials. Buildings shall be constructed in accordance with the drawings prepared by the Contractor and concurred by the Engineer. The lump sum shall also include for altering, modifying, or dismantling and re-erecting within				
A9	adequate size including staff rest room and toilets and other facilities for the Contractor's site management staff in accordance with the plans prepared by the contractor and concurred by the Engineer. Allow lump sum for constructing, maintaining, dismantling and removal on completion of the Works, buildings to be used as workshops and stores for perishable materials. Buildings shall be constructed in accordance with the drawings prepared by the Contractor and concurred by the Engineer. The lump sum shall also include for altering, modifying, or dismantling and re-erecting within				
A9	adequate size including staff rest room and toilets and other facilities for the Contractor's site management staff in accordance with the plans prepared by the contractor and concurred by the Engineer. Allow lump sum for constructing, maintaining, dismantling and removal on completion of the Works, buildings to be used as workshops and stores for perishable materials. Buildings shall be constructed in accordance with the drawings prepared by the Contractor and concurred by the Engineer. The lump sum shall also include for altering, modifying, or dismantling and re-erecting within the site all temporary buildings / structures if required.				
A9	adequate size including staff rest room and toilets and other facilities for the Contractor's site management staff in accordance with the plans prepared by the contractor and concurred by the Engineer. Allow lump sum for constructing, maintaining, dismantling and removal on completion of the Works, buildings to be used as workshops and stores for perishable materials. Buildings shall be constructed in accordance with the drawings prepared by the Contractor and concurred by the Engineer. The lump sum shall also include for altering, modifying, or dismantling and re-erecting within				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
A10	Allow lump sum for constructing, maintaining, dismantling and removal on completion of the Works, temporary buildings in accordance with the plans prepared by the Contractor and concurred by the Engineer to accommodate the following:	С	item		
	Workers' rest room, canteen facilities, kitchen Toilet and wash areas				
	3. Sick / First - Aid room				
	Accommodation for Contractor's staff and workmen including sanitary facilities on site, if applicable.				
A11	Allow lump sum for providing accommodation including sanitary facilities and transport for Contractor's staff and workman off site.	Е	item		
A12	Allow lump sum for providing telephone and facsimile facilities, electricity and water services for the Contractor's site office for their use in connection with the Works.	D	item		
A13	Allow lump sum for maintenance, rental, consumption charges etc. for telephone and facsimile facilities, electricity and water services for the Contractor's site office for their use in connection with the Works.	Е	item		
A14	Allow lump sum for Contractor's transport facilities at site.	Е	item		
	Construction Management and Supervision				
A15	Allow lump sum for for employing suitably qualified and experienced technical personnel on full time basis for Construction Management Services at the site.	Е	item		
	Management Services at the site as indicated "4.4.d. in bidding data and contract data".				
	<u>Category</u> <u>Qualifications & Experience</u>				
	Project Manager BSc Eng. Civil with minimum 5 years experience or NDT(Civil) minimum 10 Years in building construction works				
	Setting Out				
A16	Allow lump sum for employing a licensed land surveyor to define the building site work etc., check levels and carry out such other surveys as may be necessary to establish accurately the placing of forms and pouring of concrete and all other setting out in both vertical and horizontal plane.	F	item		
A17	Allow lump sum for setting out of Works in accordance with drawings and other written information given by the Engineer.	F	item		
	and outer written information given by the Eligineer.				
A18	Allow lump sum for provision of progress reports including photographic records and other schedules included in the ICTAD publication - Guidelines for Effective Construction Management. (ICTAD/CM/01), relevant to contract administration as directed by the Engineer.	Е	item		
	Sub Total carried over				
	Dub I dai lai i du di di				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
	Quality, Standards and Progress				
	Quanty, Standards and Frogress				
A19	Allow lump sum for all cost in connection with preparing samples for testing making arrangements for testing of Materials, Good etc, as stipulated in the specification, obtaining test reports and submitting the same to the Engineer.	Е	item		
A20	Allow lump sum for provision of shop drawings, bar schedules etc. for Engineer's approval.	Е	item		
A21	Allow lump sum for provision of 2 sets of (hard copies and soft copies) as- built drawings of all services, for Engineer's approval.	D	item		
	Health, Safety and Environment				
A22	Allow lump sum for the following services throughout the period of construction for the Engineer's office, Contractor's site office and worker's rest room and other facilities;	Е	item		
	a. Employing workmen to clean and maintain all areas to be in good hygienic conditions including toilets, wash areas, kitchen etc.				
	b. Supplying adequate drinking water, water for washing purposes, soap, detergent, etc. throughout the period of construction.				
A23	Allow lump sum for making adequate provision against air and noise pollution of surrounding areas. Hoarding and dust screens shall be provided to control dust escaping to surrounding areas.	Е	item	Deleted	Deleted
A24	Allow lump sum for maintaining the site in a clean and orderly manner at all times and during the entire contract period.	Е	item		
A25	Allow lump sum for demobilization, removal of all rubbish & debris and clearing up site on completion, leaving all in good order and handing over.	G	item		
	Security and Protection				
A26	Allow lump sum for employing an adequate number of security personnel and security system on full time basis throughout the period of construction, and provide for necessary security lighting and a	Е	item		
A27	Allow lump sum for providing and maintaining necessary fencing, hoarding and gates for safeguarding the Works, Materials and Plant, as directed by the Engineer.	Е	item		
	Services and Facilities				
A28	Allow lump sum for supply of water for the Works and paying all charges and other expenses in connection with the supply from water mains or any other alternative method of water supply, storage and reticulation.	E	item		
	Sub Total carried over				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
A29	Allow lump sum for supplying temporary electricity for the Works including connection, distribution system for the Works, internal arrangements and all payments to the authorities for consumption.	E	item		
A30	Allow lump sum for providing hoisting equipment and other plant for the use of the Works on site (dry hire).	F	item		
A31	Allow lump sum for providing small machinery and equipment for the use use of the Works at site.	F	item		
A32	Allow lump sum for erecting and maintaining scaffolding and/or self climbing platforms. Such scaffolding etc. shall be removed on completion and all Works disturbed shall be made good.	F	item		
	Miscellaneous				
A33	Allow lump sum for providing and maintaining a name board to the specifications and / or as directed by the Engineer.	С	item		
	BILL NO.1 - PRELIMINARIES CARRIED TO SUMMARY				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	B - EXCAVATOR				
	The contractor is requested to refer 'GENERAL				
	PREAMBLE NOTES" prior to pricing these items.		note		
D.1					
B1	Bulk excavate pit in any material met with except rock requiring blastin part return fill in and ram and surplus disposed of as directed for	ng,			
	the foundation .Unusable material to be disposed in local		1		
	authority regulations. It is expected that 50% of excavated				
	earth can be used for backfilling and such material shall be stacked in				
	a near by land hired for this purpose.	790.00	cube		
B2	Excavate pit in any material met with except rock requiring blasting,				
	part return fill in and ram and surplus disposed of as directed				
	for the retaining wall depth not exceeding 3' 6" from the ground level.				
	Material to be disposed as specified under item C1.	60.00	cube		
В3	Excavate pit in any material met with except rock requiring blasting,				
	part return fill in and ram and surplus disposed of as directed		+ +		
	for the retaining wall depth exceeding 3' 6" not exceeding 7' 6" from				
	the ground level .Material to be disposed as specified under item C1.	25.00	cube		
D4	Everyote within any material met with any met well and heating				
B4	Excavate pit in any material met with except rock requiring blasting, part return fill in and ram and surplus disposed of as directed				
	for the wall foundation depth not exceeding 3' 6" from the ground leve	.1			
	Material to be disposed as specified under item C1.	60.00	cube		
	1				
В5	Excavate pit in any material met with except rock requiring blasting,				
	part return fill in and ram and surplus disposed of as directed				
	for the wall foundation depth exceeding 3' 6" not exceeding 7' 6" from		—		
	the ground level .Material to be disposed as specified under item C1.	5.00	cube		
B6	Excavate pit in any material met with except rock requiring blasting,				
	part return fill in and ram and surplus disposed of as directed				
	for the column base depth not exceeding 3' 6" from the ground level .				
	Material to be disposed as specified under item C1.	36.00	cube		
D7					
В7	Excavate pit in any material met with except rock requiring blasting, part return fill in and ram and surplus disposed of as directed				
	for the lift pits depth not exceeding 3' 6" from lower ground floor	4.50	cube		
	Material to be disposed as specified under item C1.	1.50	Cube		
	<u> </u>				
В8	Excavate pit in any material met with except rock requiring blasting,				
	part return fill in and ram and surplus disposed of as directed				
	for the lift pits depth exceeding 3' 6" and not exceeding 7' 0"	5.50	cube		
	from lower ground floor. Material to be disposed as specified under item C1.				
	Material to be disposed as specified under field C1.				
В9	Approved hard earth filling 9" thick layers watered well rammed				
	and consolidated under ramp floor. (Imported earth)	10.00	cube		
D10	Assessed hard and filling Of dividual services of the U				
B10	Approved hard earth filling 9" thick layers watered well rammed and consolidated under floors using excavated earth stacked as require	d	+		
	under item C1.	80.00	cube		
	MIGGI IVIII CII	50.00			
			† †		
	Sub Total carried over				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUN
	Sub Total brought forward				
D11					
B11	Allow for Anti-Termite treatment to ground floor area and 3'6" beyond the proposed building. Rate shall includes for				
	drill and inject the materials to floor area up to satisfaction				
	of consultants and treatment to be using specialized				
	sub contractor and material and sub contractor's name				
	to be indicated in covering letter.	45.00	sqr		
	DEWATERING				
B12					
B12	Allow sum for dewatering. Dewatering shall be carried through a properly laid network of				
	piping 2" dia type 400 perforated PVC pipes. Water to be				
	collected at one point and discharged to road drain by means of				
	a pump. System of method of dewatering to be clearly shown in				
	a drawing and approved by the Engineer.	1.00	item		
	a drawing and approved by the Engineer.	1.00	nem		
	TRADE TOTAL CARRIED TO SUMMARY				
			1		

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	C - CONCRETOR				
	The contractor is requested to refer 'GENERAL				
	PREAMBLE NOTES" prior to pricing these items.		Note		
	SUB STRUCTURE				
C1	2" thick mass concrete in grade 15 (1") as screed below retaining	18.00	sqr		
C2	2" thick mass concrete in grade 15 (1") as screed below wall	10.00	sqr		
С3	2" thick mass concrete in grade 15 (1") in below column base	10.00	sqr		
C4	2" thick mass concrete in grade 15 (1") as screed below lift pit.	1.50	sqr		
C5	Reinforced concrete in grade 35A (3/4") in retaining wall base.	19.50	cube		
C6	Reinforced concrete in grade 35A (3/4") in retaining wall.	65.00	cube		
C7	Reinforced concrete in grade 35A (3/4") in column base.	20.00	cube		
C8	Reinforced concrete in grade 35A (3/4") in column shaft.	1.00	cube		
С9	Reinforced concrete in grade 35A (3/4") in plinth beam	4.50	cube		
C10	Reinforced concrete in grade 35A (3/4") in floor concrete	14.50	cube		
C11	Reinforced concrete in grade 35A 3/4") in ground beam	6.60	cube		
C12	Reinforced concrete in grade 35A (3/4") in lift pit base.	2.20	cube		
C13	Reinforced concrete in grade 35A (3/4") in lift core wall.	1.50	cube		
C14	4" thk Reinforced concrete in grade 25 (3/4") in parking area and finished power trowel led with non metallic floor hardener.	6.60	cube		
C15	4" thk Reinforced floor concrete in grade 25 (3/4") in lower ground	5.50	cube		
	LOWER GROUND FLOOR TO UPPER GROUND FLOOR				
C16	Reinforced concrete in grade 25 (3/4") in column shaft.	2.00	cube		
C17	Reinforced concrete in grade 25 (3/4") in upper ground floor beams.	7.50	cube		
C18	6" thk Reinforced concrete in grade 25 (3/4") in upper ground floor floor slab	7.00	cube		
C19	5" thk Reinforced concrete in grade 25 (3/4") in upper ground floor floor slab	6.60	cube		
C20	Reinforced concrete in grade 25 (3/4") in staircases with landing slab.	3.00	cube		
	UPPER GROUND FLOOR TO FIRST FLOOR				
C21	Reinforced concrete in grade 25 (3/4") in column shaft.	2.80	cube		
C22	Reinforced concrete in grade 25 (3/4") in first floor beams.	9.00	cube		
	Sub Total carried over				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
C23	5" thk Reinforced concrete in grade 25 (3/4") in first floor slab	3.50	cube		
C24	6" thk Reinforced concrete in grade 25 (3/4") in first floor slab	12.00	cube		
C25	4" thk Reinforced floor concrete in grade 25 (3/4") in first floor	5.00	cube		
C26	Reinforced concrete in grade 25 (3/4") in all staircases with landing	4.00	cube		
	FIRST FLOOR TO SECOND FLOOR				
C27	Reinforced concrete in grade 25 (3/4") in column shaft.	4.50	cube		
C28	Reinforced concrete in grade 25 (3/4") in second floor beams.	18.00	cube		
C29	5" thk Reinforced concrete in grade 25 (3/4") in second floor slab	21.00	cube		
C30	6" thk Reinforced concrete in grade 25 (3/4") in second floor slab	0.50	cube		
C31	Reinforced concrete in grade 25 (3/4") in all staircases with landing	4.50	cube		
	SECOND FLOOR TO MAZZANINE FLOOR				
C32	Reinforced concrete in grade 30 (3/4") in column shaft.	2.00	cube		
C33	Reinforced concrete in grade 25 (3/4") in mazzanine floor beams.	10.00	cube		
C34	5" thk Reinforced concrete in grade 25 (3/4") in mazzanine floor slab	6.00	cube		
C35	6" thk Reinforced concrete in grade 25 (3/4") in second floor slab	12.50	cube		
C36	Reinforced concrete in grade 25 (3/4") in all staircases with landing	1.80	cube		
	MAZZANINE FLOOR FLOOR TO ROOF				
C37	Reinforced concrete in grade 30 (3/4") in column shaft.	4.50	cube		
C38	Reinforced concrete in grade 25 (3/4") in roof beams.	6.00	cube		
C39	6" thk Reinforced concrete in grade 25 (3/4") in roof slab	2.60	cube		
C40	Reinforced concrete in grade 25 (3/4") in roof tie beams.	4.50	cube		
	FORMWORK				
			Note		
	15mm tk. Plywood formwork in the following including dismantling		Note		
	SUB STRUCTURE				
C41	15mm tk. Plywood form work to sides of retaining wall base.	8.00	sqr		
C42	15mm tk. Plywood form work to sides of retaining wall.	115.00	sqr		
C43	15mm tk. Plywood form work to sides of column bases.	9.50	sqr		
	Sub Total carried over				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
	FORMWORK				
	15mm tk. Plywood formwork in the following including dismantling		Note		
	SUB STRUCTURE				
C44	15mm tk. Plywood form work to sides of retaining wall base.	8.00	sqr		
C45	15mm tk. Plywood form work to sides of retaining wall.	115.00	sqr		
C46	15mm tk. Plywood form work to sides of column bases.	9.50	sqr		
C47	15mm tk. Plywood form work to sides of plinth beam	11.00	sqr		
C48	15mm tk. Plywood form work to sides of column shaft	4.50	sqr		
C49	15mm tk. Plywood form work to sides of lift pit base.	0.80	sqr		
C50	15mm tk. Plywood form work to sides of lift core wall.	3.20	sqr		
C51	15mm tk. Plywood form work to sides of ground floor beam.	2.00	sqr		
	LOWER GROUND FLOOR TO UPPER GROUND FLOOR				
C52	15mm tk. Plywood form work to sides of column shaft	9.00	sqr		
C53	15mm tk. Plywood form work to sides and soffit of upper floor beams	23.00	sqr		
C54	15mm tk. Plywood form work to sides and soffit of upper ground floor slab	30.00	sqr		
C55	15mm tk. Plywood form work to sides and soffit of all stair cases with risers.	5.00	sqr		
	UPPER GROUND FLOOR TO FIRST FLOOR				
C56	15mm tk. Plywood form work to sides of column shaft	11.00	sqr		
C57	15mm tk. Plywood form work to sides and soffit of first floor beams	30.00	sqr		
C58	15mm tk. Plywood form work to sides and soffit of first floor slab	31.00	sqr		
C59	15mm tk. Plywood form work to sides and soffit of all stair cases with risers.	6.00	sqr		
	FIRST FLOOR TO SECOND FLOOR				
C60	15mm tk. Plywood form work to sides of column shaft	18.00	sqr		
C61	15mm tk. Plywood form work to sides and soffit of second floor	51.00	sqr		
C62	15mm tk. Plywood form work to sides and soffit of second floor slab	51.00	sqr		
C63	15mm tk. Plywood form work to sides and soffit of all stair cases with risers.	9.00	sqr		
	115015.				
	Sub Total carried over		L		

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
	SECOND FLOOR TO MAZZANINE FLOOR				
C64	15mm tk. Plywood form work to sides of column shaft	7.00	sqr		
C65	15mm tk. Plywood form work to sides and soffit of mazzanine floor	35.00	sqr		
C66	slabs.	17.50	sqr		
C67	15mm tk. Plywood form work to sides and soffit of all stair cases with risers.	3.00	sqr		
	MAZZANINE FLOOR TO ROOF				
C68	15mm tk. Plywood form work to sides of column shaft	17.00	sqr		
C69	15mm tk. Plywood form work to sides and soffit of roof beams	18.50	sqr		
C70	15mm tk. Plywood form work to sides and soffit of roof slab	6.50	sqr		
C71	15mm tk. Plywood form work to sides and soffit of roof tie beams	10.00	sqr		
	REINFORCEMENT Characteristic strength of reinforcements				
	High Tensile steel -460 N/mm2 , Mild steel - 250 N/mm2		Note		
	SUB STRUCTURE				
C72	10 mm dia, high tensile steel rod reinforcement in retaining wall base.	30.00	cwt		
C73	12 mm dia, high tensile steel rod reinforcement in retaining wall base.	28.00	cwt		
C74	10 mm dia, high tensile steel rod reinforcement in retaining wall base.	60.00	cwt		
C75	12 mm dia, high tensile steel rod reinforcement in retaining wall base.	170.00	cwt		
C76	16 mm dia, high tensile steel rod reinforcement in retaining wall base.	85.00	cwt		
C77	10 mm dia, high tensile steel rod reinforcement in column base.	2.00	cwt		
C78	12 mm dia, high tensile steel rod reinforcement in column base.	6.00	cwt		
C79	16 mm dia, high tensile steel rod reinforcement in column base.	11.00	cwt		
C80	12 mm dia, high tensile steel rod reinforcement in plinth beam	17.00	cwt		
C81	12 mm dia, high tensile steel rod reinforcement in column shaft	1.60	cwt		
C82	16 mm dia, high tensile steel rod reinforcement in column shaft	9.60	cwt		
C83	8mm dia, mild steel reinforcement in column shaft	1.80	cwt		
C84	25 mm dia, high tensile steel rod reinforcement in ground beam	14.50	cwt		
C85	16 mm dia, high tensile steel rod reinforcement in ground beam	5.63	cwt		
C86	10 mm dia, mild steel reinforcement in ground beam	1.10	cwt		
C87	12 mm dia,high tensile steel rod reinforcement in lift base slab.	7.50	cwt		
	Sub Total carried over				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
C88	10 mm dia,high tensile steel rod reinforcement in lift wall	7.00	cwt		
C89	8mm dia, high tensile steel rod reinforcement in floor concrete	31.00	cwt		
	LOWER GROUND FLOOR TO UPPER GROUND FLOOR				
C90	16mm dia. high tensile steel rod reinforcement in column shaft.	4.30	cwt		
C91	12mm dia. high tensile steel rod reinforcement in column shaft.	0.30	cwt		
C92	6mm dia. mild steel reinforcement in column shaft.	1.00	cwt		
C93	25mm dia. high tensile steel rod reinforcement in upper floor beams	1.00	cwt		
C94	20mm dia. high tensile steel rod reinforcement in upper floor beams	22.00	cwt		
C95	16mm dia. high tensile steel rod reinforcement in upper floor beams	13.00	cwt		
C96	12mm dia. high tensile steel rod reinforcement in upper floor beams	4.50	cwt		
C97	8mm dia. mild steel reinforcement in upper floor beams	9.50	cwt		
C98	10mm dia.high tensile steel rod reinforcement in upper ground floor sla	59.00	cwt		
C99	10mm dia.high tensile steel rod reinforcement in all staircases .	5.00	cwt		
C100	12mm dia.high tensile steel rod reinforcement in all staircases .	5.00	cwt		
	UPPER GROUND FLOOR TO FIRST FLOOR				
C101	20mm dia. high tensile steel rod reinforcement in column shaft.	3.50	cwt		
C102	16mm dia. high tensile steel rod reinforcement in column shaft.	18.00	cwt		
C103	12mm dia. high tensile steel rod reinforcement in column shaft.	0.30	cwt		
C104	6mm dia. mild steel rod reinforcement in column shaft.	4.00	cwt		
C105	25mm dia. high tensile steel rod reinforcement in first floor beams	4.00	cwt		
C106	20mm dia. high tensile steel rod reinforcement in first floor beams	16.00	cwt		
C107	16mm dia. high tensile steel rod reinforcement in first floor beams	22.00	cwt		
C108	12mm dia. high tensile steel rod reinforcement in first floor beams	3.00	cwt		
C109	8mm dia. mild steel reinforcement in first floor beams	5.00	cwt		
C111	10mm dia.high tensile steel rod reinforcement in first floor slab.	62.00	cwt		
C112	10mm dia.high tensile steel rod reinforcement in all staircases .	7.00	cwt		
C113	12mm dia.high tensile steel rod reinforcement in all staircases .	7.50	cwt		
	Sub Total carried over				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
	FIRST FLOOR TO SECOND FLOOR				
C114	16mm dia. high tensile steel rod reinforcement in column shaft.	24.00	cwt		
C115	12mm dia. high tensile steel rod reinforcement in column shaft.	1.00	cwt		
C116	6mm dia. high tensile steel rod reinforcement in column shaft.	6.00	cwt		
C117	25mm dia. high tensile steel rod reinforcement in second floor beams	20.00	cwt		
C118	20mm dia. high tensile steel rod reinforcement in second floor beams	35.00	cwt		
C119	16mm dia. high tensile steel rod reinforcement in second floor beams	48.00	cwt		
C120	12mm dia. high tensile steel rod reinforcement in second floor beams	5.00	cwt		
C121	10mm dia. high tensile steel rod reinforcement in second floor beams	17.00	cwt		
C122	8mm dia. high tensile steel rod reinforcement in second floor beams	10.00	cwt		
C123	10mm dia.high tensile steel rod reinforcement in second floor slab.	105.00	cwt		
C124	10mm dia.high tensile steel rod reinforcement in all staircases .	9.00	cwt		
C125	12mm dia.high tensile steel rod reinforcement in all staircases .	6.00	cwt		
	SECOND FLOOR TO MAZZANINE FLOOR				
C127	16mm dia. high tensile steel rod reinforcement in column shaft.	11.00	cwt		
C128	12mm dia. high tensile steel rod reinforcement in column shaft.	0.30			
	-		cwt		
	6mm dia. high tensile steel rod reinforcement in column shaft.	2.50	cwt		
C130	25mm dia. high tensile steel rod reinforcement in mazzanine floor bear	11.00	cwt		
C131	20mm dia. high tensile steel rod reinforcement in mazzanine floor bear	7.00	cwt		
C132	16mm dia. high tensile steel rod reinforcement in mazzanine floor bear	22.00	cwt		
C133	12mm dia. high tensile steel rod reinforcement in mazzanine floor bear	6.00	cwt		
C134	10mm dia. high tensile steel rod reinforcement in mazzanine floor bear	6.00	cwt		
C135	8mm dia. high tensile steel rod reinforcement in mazzanine floor beam	6.00	cwt		
C136	10mm dia.high tensile steel rod reinforcement in mazzanine floor slab.	25.00	cwt		
C137	10mm dia.high tensile steel rod reinforcement in all staircases .	3.50	cwt		
C138	12mm dia.high tensile steel rod reinforcement in all staircases .	1.50	cwt		
	Sub Total carried over				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
	MAZZANINE FLOOR TO ROOF				
C139	12mm dia. high tensile steel rod reinforcement in column shaft.	0.40	cwt		
C140	6mm dia.mild steel rod reinforcement in column shaft.	0.32	cwt		
C141	25mm dia. high tensile steel rod reinforcement in roof beams	7.70	cwt		
C142	20mm dia. high tensile steel rod reinforcement in roof beams	9.00	cwt		
C143	16mm dia. high tensile steel rod reinforcement in roof beams	9.50	cwt		
C144	12mm dia. high tensile steel rod reinforcement in roof beams	2.10	cwt		
C145	8mm dia. high tensile steel rod reinforcement in roof beams	6.20	cwt		
C146	10mm dia.high tensile steel rod reinforcement in roof slab.	12.00	cwt		
C147	16mm dia. high tensile steel rod reinforcement in tie roof beams	20.50	cwt		
C148	12mm dia. high tensile steel rod reinforcement in roof tie beams	1.50	cwt		
C149	8mm dia. high tensile steel rod reinforcement in roof tie beams	1.00	cwt		
C150	6mm dia, mild steel rod reinforcement in roof tie beam.	4.20	cwt		
	LINTELS				
C155		25.00	0		
	formwork in basement floor.	35.00	ft.		
C156	Concrete lintels 9"x6" with 4T 12 bars, R6 at 7" c/c & necessary formwork in ground floors.	35.00	ft.		
C157	Concrete lintels 9"x6" with 4T 12 bars, R6 at 7" c/c & necessary				
C137	formwork in first floors.	175.00	ft.		
C158	Concrete lintels 9"x6" with 4T 12 bars, R6 at 7" c/c & necessary				
	formwork in second floors.	125.00	ft.		
C159	Concrete lintels 41/2"x6" with 4T 12 bars, R6 at 7" c/c & necessary formwork in basement floors.	20.00	0		
	formwork in basement 1100rs.	20.00	ft.		
C160	Concrete lintels 41/2"x6" with 4T 12 bars, R6 at 7" c/c & necessary formwork in ground floors.	20.00	ft.		
C161	Concrete lintels 41/2"x6" with 4T 12 bars, R6 at 7" c/c & necessary				
	formwork in first floors.	20.00	ft.		
C162	Concrete lintels 9"x 41/2" with 4T 12 bars, R6 at 7" c/c & necessary formwork in second floors.	30.00	ft.		
	Sub Total carried over				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
	WATER SUMP (19' 0"x 5' 0" x 5' 0" internally)				
C169	2" thick mass concrete in grade 15 (1")as screed for sump base.	1.80	sqr		
C170	12" tk. Reinforced concrete in grade 35A (3/4") in sump base.	1.50	cube		
C171	15mm tk. Plywood form work to sides of sump base.	0.60	sqr		
C172	12mm dia. high tensile steel rod reinforcement in sump base.	9.00	cwt		
C173	8" tk. Reinforced concrete in grade 35A (3/4") in sump wall	2.00	cube		
C174	15mm tk. Plywood form work to sides of sump wall	6.00	sqr		
C175	12mm dia. high tensile steel rod reinforcement in sump wall	17.50	cwt		
C176	8" tk. Reinforced concrete in grade 35A (3/4") in cover slab.	1.00	cube		
C177	15mm tk. Plywood form work to sides of cover slab.	1.70	sqr		
	R.C.C. DRAIN				
C180	12" X 12"x 4" tk. internally RCC drain with Y10				
C160	reinforcement at 7" centers both ways and necessary	40.00			
	formwork to ramp edge in ground floor.	40.00	ft		
	KITCHEN WORK TOP				
C181	Kitchen work top size 16' 0 " x 2' 0", including 41/2" thk supporting				
	brick work,2" thk RCC slab ,necessary form work with Y10 reinforcement at 7" centers both ways as per drawing.	1.00	nr		
	SUN SHADES				
	SUN SHADES				
C187	Reinforced concrete in grade 25 (3/4") in sunshades.	10.00	cube		
C188	15mm tk. Plywood form work to sides of sunshades.	22.00	sqr		
C189	12mm dia. high tensile steel rod reinforcement in sunshades.	30.00	cwt		
	TRADE TOTAL CARRIED TO SUMMARY				
	I	1			

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	D - MASONRY WORK				
	TI C CENTERAL				
	The contractor is requested to refer 'GENERAL PREAMBLE NOTES" prior to pricing these items.		note		
D1	Random rubble masonry work (6"-9" Rubble) in cement and sand 1:5 in walls .	25.00	1		
	sand 1:5 in walls.	35.00	cube		
	TRADE TOTAL CARRIED TO SUMMARY				
	TRIBE TOTAL CARRIED TO SOMMARKE				
			-		
			+		
			-		

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	E - BRICK & BLOCK WORK				
	The contractor is requested to refer 'GENERAL PREAMBLE NOTES" prior to pricing these items.		Note		
	BRICK WORK				
E1	9" thick brick work in cement & sand 1:5 mix in lower ground floor.	5.00	Sqr		
E2	9" thick brick work in cement & sand 1:5 mix in upper ground floor.	6.00	Sqr		
E3	9" thick brick work in cement & sand 1:5 mix in first floor.	10.00	Sqr		
E4	9" thick brick work in cement & sand 1:5 mix in second floor.	3.00	Sqr		
E5	41/2" thick brick work in cement & sand 1:5 mix in lower ground floo	4.00	Sqr		
E6	41/2" thick brick work in cement & sand 1:5 mix in upper ground floor	4.00	Sqr		
E7	41/2" thick brick work in cement & sand 1:5 mix in first floor.	15.00	Sqr		
E8	41/2" thick brick work in cement & sand 1:5 mix in second floor.	20.00	Sqr		
	BLOCK WORK				
E9	6" thick hollow block work in cement & sand 1:5 mix in retaining wall	61.00	Sqr		
E10	6" thick hollow block work in cement & sand 1:5 mix in lower ground	12.00	Sqr		
E11	6" thick hollow block work in cement & sand 1:5 mix in upper ground	30.00	Sqr		
E12	6" thick hollow block work in cement & sand 1:5 mix in first floor.	45.00	Sqr		
E13	6" thick hollow block work in cement & sand 1:5 mix in second floor.	37.00	Sqr		
E14	6" thick hollow block work in cement & sand 1:5 mix in mazzanine flo	22.00	Sqr		
E15	6" thick hollow block work in cement & sand 1:5 mix above roof.	10.00	Sqr		
	BRICK PLATFORM				
E16	4" high 6 '0" diameter brick platform with cement and sand 1:5				
	mix smooth finish with cement slurry for water tank slab.	2.00	nr		
	TRADE TOTAL CARRYES TO SYNCH SY				
	TRADE TOTAL CARRIED TO SUMMARY				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	F - METAL WORK				
	I METAL WORK				
	The contractor is requested to refer 'GENERAL				
	PREAMBLE NOTES" prior to pricing these items.		Note		
	Door lock -Yale, Union. Alpha,V.V.P or equivalent.				
	Door closer- Albion, Kinglong or equivalent.				
	Floor hingers - Kinglong, Dorma or equivalent.				
	, , , , , , , , , , , , , , , , , , ,				
	Contractor should submit shop drawing for approval of Engineer J	prior to fa	brication of	f items.	
	Powder coating thickness shall be 60 - 80 microns as per the given				
	specifications Aluminium sections for frames shall be of				
	minimum 1.6mm thk and sashes 1.2mm thk				
	DOORS				
F1	Approved quality powder coated aluminium frame door type D2				
	size 5' 0" x 7' 0" high overall with 2 no of 5mm thk clear glass panel				
	sashes including all necessary heavy duty 4"x3" stainless steel hinges,				
	rubber gaskets, wool beading, door handles, door lock				
	complete as per the detail drawing.(01 nr.)	35.00	sq.ft		
F2					
F2	Approved quality powder coated aluminium frame door type D3 size 3' 0" x 7' 0" high overall with plywood door sash including all				
	necessary heavy duty 4"x3" stainless steel hinges, rubber gaskets,				
	wool beading, door handles, door lock complete as per				
	the detail drawing.(7 nr.)	147.00	sq.ft		
	the detail drawing.(/ in.)		1-1		
F3	Approved quality powder coated aluminium frame door type D4 size 3' 6" x 7' 0" high overall with aluminium cladding panel sash				
	and stainless steel kick plate on bottom including all				
	necessary heavy duty 3 no of 4"x3" stainless steel hinges,				
	rubber gaskets, wool beading, door handles,				
	door lock complete as per the detail drawing.(01 nr.)	24.50	sq.ft		
F4	Approved quality powder coated aluminium frame door type D7				
	size 2' 6" x 7' 0" high overall with aluminium cladding panel sash				
	including all necessary heavy duty 3 no of 4"x3" stainless steel hinges,				
	rubber gaskets, wool beading, door handles,door lock				
	complete as per the detail drawing.(09 nr.)	157.50	sq.ft		
F5	Approved quality powder coated aluminium frame door type D8				
ГЭ	size 3' 6" x 7' 0" high overall with 5mm thk pinhead glass panel				
	on top and aluminium cladding panel sash on bottom including				
	all necessary heavy duty 4"x3" stainless steel hinges, rubber gaskets,				
	wool beading, door closer, door handles, door lock				
	complete as per the detail drawing.(2 nr.)	50.40	sq.ft		
E.C					
F6	Approved quality powder coated aluminium frame door type D9				
	size 3' 0" x 7' 0" high overall with plywood door sash including all necessary heavy duty 4"x3" stainless steel hinges, rubber gaskets,				
	wool beading, door handles, door lock complete as per				
	the detail drawing.(4 nr.)	84.00	sq.ft		
		12	1		
	Sub Total carried over				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
	8				
F7	Approved quality powder coated aluminium frame door type D13				
	size 3' 0" x 7' 0" high overall with aluminium cladding panel sash				
	including all necessary heavy duty 3 no of 4"x3" stainless steel hinges,				
	rubber gaskets, wool beading, door handles,door lock				
	complete as per the detail drawing.(05 nr.)	105.00	sq.ft		
F8	Approved quality powder coated aluminium frame door type D15				
	size 3' 6" x 7' 0" high overall with 5mm thk clear glass panel				
	on top and aluminium cladding panel sash on bottom including				
	all necessary heavy duty 4"x3" stainless steel hinges, rubber gaskets,				
	wool beading, door closer, door handles, door lock				
	complete as per the detail drawing.(2 nr.)	50.40	sq.ft		
	complete as per the detail drawing.(2 in.)	30.10	Sq.10		
F9	Approved quality powder coated aluminium frame door type D18				
	size 5' 4" x 7' 0" high overall with 2 no of 5mm thk clear glass panel				
	sashes including all necessary heavy duty 4"x3" stainless steel hinges,				
	rubber gaskets, wool beading, door handles, door lock				
		27.21	22.0		
	complete as per the detail drawing.(01 nr.)	37.31	sq.ft		
D10	A				
F10	Approved quality powder coated aluminium frame door type D19				
	size 2' 6" x 7' 0" high overall with plywood door sash including all				
	necessary heavy duty 4"x3" stainless steel hinges, rubber gaskets,				
	wool beading, door handles, door lock complete as per				
	the detail drawing.(2 nr.)	35.00	sq.ft		
F11	Approved quality powder coated aluminium frame door type D20				
	size 3' 0" x 7' 0" high overall with 5mm thk clear glass panel				
	sash including all necessary heavy duty 4"x3" stainless steel hinges,				
	rubber gaskets, wool beading, door handles, door lock				
	complete as per the detail drawing.(03 nr.)	63.00	sq.ft		
	STEEL DOOR				
F12	Approved quality 2" x 2" heavy duty G.I box section framed double sa				
	door type D5 size 5' 0"x 7' 0" high overall with 2" x 2" GI L angle iron				
	fixed to wall & covered with 4"x 4" x 1/4" G.I mesh including necessar	ry			
	heavy duty 6 no of hingers, locking device fixed complete as shown in				
	drawings. Rate shall include two coats of oil primer and two coats of				
	approved enamel paint.(01 nr)	35.00	sq.ft		
F13	Approved quality 11/2" x 1/2" heavy duty flat iron framed				
	door type D21 size 2' 6"x 4' 0" high overall with 4" x 4" x 1/4" GI mesh	1			
	including necessary heavy duty 3 no of hingers, locking device fixed				
	complete as shown in drawings. Rate shall include two coats of oil prin	ner			
	and two coats of approved enamel paint.(01 nr)	10.00	sq.ft		
	WINDOWS				
E1.4					
F14	Approved colour & quality powder coated aluminium framed				
	window type W1 size 5' 6" x 7' 2" high consisting of 5mm thk	<u></u>	+ +		
	clear glass sashes including all necessary rubber gaskets, wool beading		2		
	with nails ,lock etc., complete as per the detail drawing. (6 nr.)	236.28	sq.ft		
	Sub Total carried over				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
F15	Approved colour & quality powder coated aluminium framed				
	window type W2 size 6' 0" x 5' 6" high consisting of 5mm thk				
	clear glass sashes including all necessary rubber gaskets, wool beading				
	with nails ,lock etc., complete as per the detail drawing. (1 nr.)	33.00	sq.ft		
F16	Approved colour & quality powder coated aluminium framed				
110	window type W3 size 4' 0" x 5' 6" high consisting of 5mm thk				
	clear glass sashes including all necessary rubber gaskets, wool beading	S			
	with nails ,lock etc., complete as per the detail drawing. (13 nr.)	286.00	sq.ft		
E17	Approved colour & quality powder coated aluminium framed				
F17	sliding window type W4 size 15' 3" x 6' 0" high consisting of 5mm thk				
	glass sashes including all necessary rubber gaskets, wool beadings	-			
	with nails ,lock etc., complete as per the detail drawing. (4 nr.)	266.00	0		
	with nails ,lock etc., complete as per the detail drawing. (4 nr.)	366.00	sq.ft		
F18	Approved colour & quality powder coated aluminium framed				
	sliding window type W5 size 16' 0" x 6' 0" high consisting of 5mm thk				
	glass sashes including all necessary rubber gaskets, wool beadings				
	with nails ,lock etc., complete as per the detail drawing. (3 nr.)	288.00	sq.ft		
F19	Approved colour & quality powder coated aluminium framed				
	window type W6 size 5' 0" x 5' 6" high consisting of 5mm thk				
	clear glass sashes including all necessary rubber gaskets, wool beading				
	with nails ,lock etc., complete as per the detail drawing. (5 nr.)	137.50	sq.ft		
F20	Approved colour & quality powder coated aluminium framed				
120	window type W1a size 7' 2" x 3' 0" high consisting of 5mm thk				
	clear glass sashes including all necessary rubber gaskets, wool beading	S			
	with nails ,lock etc., complete as per the detail drawing. (1 nr.)	21.48	sq.ft		
		211.10	54.20		
F21	Approved colour & quality powder coated aluminium framed				
	window type W7 size 2' 3" x 5' 6" high consisting of 5mm thk				
	clear glass sash including all necessary rubber gaskets, wool beadings				
	with nails ,lock etc., complete as per the detail drawing. (1 nr.)	12.38	sq.ft		
F22	Approved colour & quality powder coated aluminium framed				
	doorwindow type DW2 consisting of size 3' 6" x 9' 0" high door panel	with			
	top hung fanlight and size 5' 6" x 6' 6" 5mm thk clear glass window sa	shes			
	including all necessary hingers, rubber gaskets, wool beadings with		0		
	nails ,lock etc., complete as per the detail drawing. (3 nr.)	67.25	sq.ft		
F22	A				
F23	Approved colour & quality powder coated aluminium framed				
	fixed window type FG1 size 4' 0" x 2' 6" high consisting of 5mm thk clear glass sash including all necessary rubber				
	gaskets, wool beadings with nails ,lock etc., complete as per the detail				
	drawing. (1 nr.)	10.00	sq.ft		
	drawing (1 m.)				
	FANLIGHT				
F2.4	Ammoved colour & quality manufactors and all the states of	h.t			
F24	Approved colour & quality powder coated aluminium framed fanligl type F1 size 2' 6" x 3' 6" high consisting of 5mm thk clear glass	111			
	panel including all necessary 2 no of heavy duty 10" long stainless steel			-	
	bar hinges s/s 304, rubber gaskets, wool beadings with nails etc.,	L			
	complete as per the detail drawing. (2 nr.)	17.50	sa ft		
	complete as per the detail drawling. (2 III.)	1 /.30	sq.ft	+	
	G I m . I				
	Sub Total carried over				

ON OF WORK	QTY	UNIT	RATE	AMOUNT
ught forward	-	+ +		
ugit 101 waru				
ur & quality powder coated aluminium framed fanlig	ht			
6" x 2' 0" high consisting of 5mm thk clear glass				
g all necessary heavy duty 10" long stainless steel				
304, rubber gaskets, wool beadings with nails etc.,				
r the detail drawing. (4 nr.)	20.00	sq.ft		
ur & quality powder coated aluminium framed fanlig	ht			
6" x 4' 0" high consisting of 5mm thk clear glass				
g all necessary heavy duty 10" long stainless steel				
304, rubber gaskets, wool beadings with nails etc.,				
r the detail drawing. (4 nr.)	40.00	sq.ft		
ur & quality powder coated aluminium framed fanlig	ht.			
0" x 4' 0" high consisting of 5mm thk clear glass				
g all necessary heavy duty 10" long stainless steel				
304, rubber gaskets, wool beadings with nails etc.,				
r the detail drawing. (3 nr.)	36.00	sq.ft		
<i>6</i> ()		1		
S		+ +		
				
ur & quality powder coated aluminium framed duct				
1 size 1' 6"x 4' 0" high overall consisting of 1 no of				
ver panel sash including all necessary heavy duty				
ith nails complete as per the detail drawing. (8 nr.)	48.00	sq.ft.		
1 1				
ur and quality powder coated aluminium frame				
P1 size 15' 3" x 8' 6" high consisting of				
glass panels, fixed complete as per detail drawings				
on. (01 Nr.)	92.32	sq.ft.		
d separately)	72.32	Sq.1t.		
a separately)				
ity 2" x 2" heavy duty G.I box section framed				
P2 size 16' 3" x 8' 6" high overall with 2" x 2" GI L an	gle			
d to wall & covered with 4"x 4" x 1/4" G.I mesh fixed				
own in drawings.				
ade two coats of oil primer and two coats of approved	276.25	6		
)2 nr)	276.25	sq.ft.		
ur and quality powder coated aluminium frame				
P3 size 17' 9" x 8' 6" high consisting of				
glass panels, fixed complete as per detail drawings				
on. (01 Nr.)	115.88	sq.ft.		
d separately)				
FOR MAIN STAIR CASE				
less steel hand rail with heavy duty 11/2" dia s/s tube				
s/s tube bottom rail and 1/2" dia s /s tube columns				
uding 4"x4" x1/4" tk. s/s base plate, fixed complete				
from lower ground floor to upper ground				
ail drawing.	22.00	ft		
wied even				
rieu over				
ried	l over	l over	lover	lover

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
	Sub Total brought for waru				
F33	3' 0" high stainless steel hand rail with heavy duty 11/2" dia s/s tube				
	top rail, 1" dia s/s tube bottom rail and 1/2" dia s/s tube columns				
	at 3'0" c/c including 4"x4" x1/4" tk. s/s base plate, fixed complete				
	with polishing from upper ground floor to first floor				
	as per detail drawing.	56.00	ft		
F34	3' 0" high stainless steel hand rail with heavy duty 11/2" dia s/s tube				
137	top rail, 1" dia s/s tube bottom rail and 1/2" dia s/s tube columns				
	at 3'0" c/c including 4"x4" x1/4" tk. s/s base plate, fixed complete				
	with polishing from first floor to second floor				
	as per detail drawing.	35.00	ft		
F35	3' 0" high stainless steel hand rail with heavy duty 11/2" dia s/s tube				
	top rail, 1" dia s/s tube bottom rail and 1/2" dia s/s tube columns				
	at 3'0" c/c including 4"x4" x1/4" tk. s/s base plate, fixed complete				
	with polishing from second floor to mezzanine floor	10.00	ο.		
	as per detail drawing.	18.00	ft		
	BALCONY RAIL				
	DIEGOTT KILL				
F36	3' 0" high G.I hand rail with heavy duty 11/2" dia G.I tube				
	top rail, 1" dia G.I tube bottom rail and 1/2" dia G,I tube columns				
	at 3'0" c/c including 4"x4" x1/4" tk. base plate, fixed complete				
	with polishing in upper ground floor.	30.00	ft		
	CENT IN C				
	CEILING				
F37	Supply ,fabricate and fix upvc "I" panel or equ. flat ceilling by	38.00	sqr		
	specialist sub contractor in auditorium floor. All complete as per		- 1		
E20	Consider C.L. State and Conserve Williams along and Grant Williams London				
F38	Supply ,fabricate and fix upvc "I" panel or equ. flat ceilling by specialist sub contractor in mazzanine floor. All complete as per detail	8.00	sqr		
	specialist sub contractor in mazzanine 11001. All complete as per detail				
	CERT I ADDED				
	STEEL LADDER				
F39	Supply ,fabricate and fix steel ladder size 2' 0" wide and 15' 0" high				
	with 2 no of 2" x2" L angles and 2" x 2" L angle steps at 15" intervals,				
	to water tank slab. Rate shall include 2 coats of oil primer and two				
	coats of approved colour enamel paint as per drawings.	1.00	Item		
				-	
			+ +	+	
	TRADE TOTAL CARRIED TO SUMMARY				
					-

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	G - CARPENTRY AND JOINARY				
	The contractor is requested to refer 'GENERAL				
	PREAMBLE NOTES" prior to pricing these items.				
	Door frame - Balau Door sashes - Treated Mahogany				
	Door lock - Dorset or equivalent				
	Hinges - Indian make - good quality				
	Door closer -Albion or equivalent				
	Door stopper - M- coco or equivalent				
G1	Timber door type D6 size 3' 6" x 7' 0" high overall with 11/2" thk				
	timber door sash, size 5" x 3" balau timber frame including all				
	necessary heavy duty ironmongery,door hingers,door handle,				
	door lock complete as per the detail drawing and polishing with one under coat, two minishing coat and water base paint				
	cost (1pr)	24.50	sq.ft		
G2	Timber door type D10 size 4' 0" x 7' 0" high overall with 2 no of		1		
92	11/2" thk timber panel door sash with 5mm thk clear glass panel,				
	size 5" x 3" balau timber frame including all necessary heavy duty				
	ironmongery,door hingers,door handle, door lock complete				
	as per the detail drawing and polishing with one under coat ,two	28.00	sq.ft		
	finishing coat and water base paint coat.(1nr)		1-1		
G3	Timber door type D12 size 3' 0" x 7' 0" high overall with plywood				
	door sash with 5mm thk clear glass sash, size 4" x 3" balau timber fran	ne			
	including all necessary heavy duty ironmongery,door hingers,door				
	handle,door lock complete as per the detail drawing and polishing with one under coat ,two finishing coat and water base paint				
	coat (1nr)	21.00	sq.ft		
G4	Timber door type D14 size 5' 0" x 7' 0" high overall with 2 no of				
UT	11/2" thk timber panel door sash size 5" x 3" balau timber				
	frame including all necessary heavy duty ironmongery, door hingers,				
	door handle, door lock complete as per the detail drawing				
	and polishing with one under coat ,two finishing coat and water base	70.00	sq.ft		
	paint coat.(2nr)		1		
G5	Timber door type D16 size 3' 0" x 7' 0" high overall with plywood				
	door sash with 1" x 1/2" timber beading size 5" x 3" balau timber				
	frame including all necessary heavy duty ironmongery,door hingers,				
	door handle, door lock complete as per the detail drawing				
	and polishing with one under coat ,two finishing coat and water base paint coat.(3nr)	63.00	sq.ft		
	paint coat.(Siii)				
G6	Timber door type D17 size 3' 6" x 7' 0" high overall with 11/2" thk				
	timber door sash with 5mm thk clear glass panel, size 4" x 3" balau				
	timber frame including all necessary heavy duty ironmongery,				
	door hingers,door handle,door lock complete as per the detail drawing and polishing with one under coat ,two finishing coat and				
	water base paint coat.(2nr)	49.00	sq.ft		
G7	Timber doorwindow type DW1 size 15' 3" x 8' 6" high overall		+ +		
	with 11/2" thk timber door sashes and 5mm thk clear glass panel wind	ow,			
	sashes size 4" x 6" balau timber frame including all necessary heavy de	uty			
	ironmongery,door hingers,door handle,door lock complete as per the c	letail			
	drawing and polishing with one under coat ,two finishing coat and	129.63	sq.ft		
	water base paint coat.(1nr)	1	*		
	Sub Total carried over				
		1	l	1111	

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
	TIMBER STAGE				
G8	Timber stage consisting of 1" thick tongue and groove teak plank fixed to 4" x 2" timber joist @ 2' c/c timber frame work support with 4" x 3" timber post @ 2' c/c in Auditorium.				
	Fixed complete as per detail drawing. (Approxi: area - 900.00sq.ft) Rate shall include for painting system ("JAT" or equ) 3 coats of PU-AS 6050 with 10% of AH 1547 hardner, finished with wax.	1.00	item		
	TRADE TOTAL CARRIED TO SUMMARY				
]			

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	H - ROOF AND ROOF PLUMBER				
	The contractor is requested to refer 'GENERAL				
	PREAMBLE NOTES" prior to pricing these items.		Note		
	ROOF				
H1	Supply and lay 0.47mm tk. coloured zinc aluminium roofing				
	sheets with tapping screws and neoprine washer fixed to the purlins	52.00			
	sheets all complete in all roofs as per detail drawing.	53.00	sqr		
	(purlins measured separately)				
	ROOF INSULATION				
H2	Supply & lay 2" thick (50mm x16Kg/m3) glass wool insulation				
	with both sides aluminium foil together with PVC coated				
	25mmx 25mm backing mesh on high tensile galvanized purlins All				
	complete in roof as per the detail drawing to consultant's approval	53.00	sqr.		
	ROOF PLUMBING				
Н3	0.47mm tk. coloured Zinc alu.steel square eaves gutter girth approx.				
	470mm fixed to valance board with galvanized brackets at 12" intervals in roof.	135.00	ft		
	intervals in root.				
H4	Flashing out of 0.47mm tk.coloured Zinc aluminium steel sheets				
	girth approx. 450mm trucked into a chase cut in walls and filled with				
	cement mortar in 1:3 mix in roof. Rate shall include for				
	fixing with concrete nails and sealing with silicon.	140.00	ft		
H5	0.47mm tk. coloured zinc alu. steel nasals fixed complete				
	between gutter and down pipe in roof.	12.00	nr		
	ZINC ALUMINIUM FACIA				
Н6	Supply & install 0.47mm tk.450mm high Coloured Zinc aluminium				
110	steel facia with necessary frame 75x75x6mm L angle frame etc.,				
	with two coats of oil primer & two coats of enamel paint				
	as per detail drawing etc, in roof.	205.00	ft		
	TRANSPORTATION OF BRIDE TO CALLED A				
	TRADE TOTAL CARRIED TO SUMMARY				
		1			
		L			

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	J - STRUCTURAL STEEL				
	The contractor is requested to refer 'GENERAL				
	PREAMBLE NOTES" prior to pricing these items.		Note		
	STRUCTURAL STEEL				
	"C" PURLINS				
J1	Supply & fix High tensile galvanized lipped channels size 150x65x2	mm			
	(6"x3") to roof beam & purlin holder at (approximately) 4'0" c/c with	1.700.00			
	galvanized M12x40 bolts and nuts in all roof as per detail drawing.	1,700.00	ft		
	"I "- BEAMS				
J2	Supply & fix 18"x8"x89.7 Kg/m(500mmx200mm) type B beam				
	with 1/4" tk. Base plate, nut & bolt, etc., in roof.				
	Rate shall include for two coats of oil primer & two coats	0.045.00	1		
	of enamel paint as per detail drawing.	8,945.00	kg.		
J3	Supply & fix 6"x3"x14Kg/m(150x75) beam with				
33	1/4" tk. Base plate, nut & bolt, etc., in roof.				
	Rate shall include for two coats of oil primer & two coats				
	of enamel paint as per detail drawing.	860.00	kg.		
J4	Supply & fix 3"x3"x6Kg/m(70x70) beam with				
	1/4" tk. Base plate, nut & bolt, etc., in roof.				
	Rate shall include for two coats of oil primer & two coats	• • • • • • •			
	of enamel paint as per detail drawing.	290.00	kg.		
	SAG RODS				
J5	Supply & fix 12mm sag rods for purlin in each bays. Rate shall				
33	include for two coats of oil primer & two coats of enamel paint				
	as per detail drawing.	1,700.00	ft.		
	TRADE TOTAL CARRIED TO CHANA DV				
	TRADE TOTAL CARRIED TO SUMMARY				
				-	

DESCRIPTION OF WORK	UNIT	QTY	RATE	AMOUNT
K - PLUMBING WORK				
The contractor is requested to refer 'GENERAL PREAMBLE NOTES" prior to pricing these items.		note		
Notes:				
Contractor shall refer to the drawings, specifications, notes, measurement & rate clauses and trade preambles before pricing.				
Unplasticised polyvinyl chloride (uPVC) pipes shall be used in the plumbing installation and they must confirm in every respect to the requirements of the SLS 147 or BS 4514.				
All fittings and pipe specials used in the plumbing installation shall be suitable and compatible with all respects to the pipe line to which fittings and specials are fixed				
All sanitary fittings supplied shall be provided with a minimum 25 years warranty, issued jointly and severally by the local supplier and the manufacturer.				
All taps & accessories shall be chromium plated manufactured in Europe or Japan or approved equivalent and shall have a minimum 5				
Unless otherwise measured separately, rates for plumbing work shall include for:				
(a) Complying with the relevant Sri Lankan, British or any other standard as given under the specifications and with the regulations of the Local Authority and or any other relevant authorities.				
(b) Cutting and waste of pipes etc., and joining pipes.				
(c) All specials such as elbows, bends, tees, junctions, plugs, reducers and similar pipe fittings except for valves which will be measured				
(d) Connecting pipes to sanitary fixtures and appliances.				
(e) Casing to brick walls etc. and making good all works disturbed.				
(f) Necessary screws, nails sockets, connection back nuts standard pipe fixing or supporting clips, saddles, brackets, holder bats, straps				
(g) Connecting of different types of pipes.				
(h) Supply, installation, testing and disinfection after completion.				
(i) Submitting shop drawings where necessary.				
(j) Excavation, backfilling, disposal of surplus soil for items which were specifically mentioned.				
(k) All shop fabrication work, marking, delivery, unloading, hoisting, erecting and fixing as per detail drawings.				
(l) Members of any length.				
	The contractor is requested to refer 'GENERAL. PREAMBLE NOTES" prior to pricing these items. Notes: Contractor shall refer to the drawings, specifications, notes, measurement & rate clauses and trade preambles before pricing. Unplasticised polyvinyl chloride (uPVC) pipes shall be used in the plumbing installation and they must confirm in every respect to the requirements of the SLS 147 or BS 4514. All fittings and pipe specials used in the plumbing installation shall be suitable and compatible with all respects to the pipe line to which fittings and specials are fixed All sanitary fittings supplied shall be provided with a minimum 25 years warranty, issued jointly and severally by the local supplier and the manufacturer. All taps & accessories shall be chromium plated manufactured in Europe or Japan or approved equivalent and shall have a minimum 5 Unless otherwise measured separately, rates for plumbing work shall include for: (a) Complying with the relevant Sri Lankan, British or any other standard as given under the specifications and with the regulations of the Local Authority and or any other relevant authorities. (b) Cutting and waste of pipes etc., and joining pipes. (c) All specials such as elbows, bends, tees, junctions, plugs, reducers and similar pipe fittings except for valves which will be measured (d) Connecting pipes to sanitary fixtures and appliances. (e) Casing to brick walls etc. and making good all works disturbed. (f) Necessary screws, nails sockets, connection back nuts standard pipe fixing or supporting clips, saddles, brackets, holder bats, straps (g) Connecting of different types of pipes. (h) Supply, installation, testing and disinfection after completion. (i) Excavation, backfilling, disposal of surplus soil for items which were specifically mentioned. (k) All shop fabrication work, marking, delivery, unloading, hoisting, erecting and fixing as per detail drawings.	The contractor is requested to refer 'GENERAL PREAMBLE NOTES" prior to pricing these items. Notes: Contractor shall refer to the drawings, specifications, notes, measurement & rate clauses and trade preambles before pricing. Unplasticised polyvinyl chloride (uPVC) pipes shall be used in the plumbing installation and they must confirm in every respect to the requirements of the SLS 147 or BS 4514. All fittings and pipe specials used in the plumbing installation shall be suitable and compatible with all respects to the pipe line to which fittings and specials are fixed All sanitary fittings supplied shall be provided with a minimum 25 years warranty, issued jointly and severally by the local supplier and the manufacturer. All taps & accessories shall be chromium plated manufactured in Europe or Japan or approved equivalent and shall have a minimum 5 Unless otherwise measured separately, rates for plumbing work shall include for: (a) Complying with the relevant Sri Lankan, British or any other standard as given under the specifications and with the regulations of the Local Authority and or any other relevant authorities. (b) Cutting and waste of pipes etc., and joining pipes. (c) All specials such as elbows, bends, tees, junctions, plugs, reducers and similar pipe fittings except for valves which will be measured (d) Connecting pipes to sanitary fixtures and appliances. (e) Casing to brick walls etc. and making good all works disturbed. (f) Necessary screws, nails sockets, connection back nuts standard pipe fixing or supporting clips, saddles, brackets, holder bats, straps (g) Connecting of different types of pipes. (h) Supply, installation, testing and disinfection after completion. (ii) Excavation, backfilling, disposal of surplus soil for items which were specifically mentioned. (K) All shop fabrication work, marking, delivery, unloading, hoisting, erecting and fixing as per detail drawings.	K-PLUMBING WORK The contractor is requested to refer 'GENERAL PREAMBLE NOTES" prior to pricing these items. note Notes: Contractor shall refer to the drawings, specifications, notes, measurement & rate clauses and trade preambles before pricing. Unplasticised polyvinyl chloride (uPVC) pipes shall be used in the plumbing installation and they must confirm in every respect to the requirements of the SLS 147 or BS 4514. All fittings and pipe specials used in the plumbing installation shall be suitable and compatible with all respects to the pipe line to which fittings and specials are fixed All sanitary fittings supplied shall be provided with a minimum 25 years warranty, issued jointly and severally by the local supplier and the manufacturer. All taps & accessories shall be chromium plated manufactured in Europe or Japan or approved equivalent and shall have a minimum 5 Unless otherwise measured separately, rates for plumbing work shall include for: (a) Complying with the relevant Sri Lankan, British or any other standard as given under the specifications and with the regulations of the Local Authority and or any other relevant authorities. (b) Cutting and waste of pipes etc., and joining pipes. (c) All specials such as elbows, bends, tees, junctions, plugs, reducers and similar pipe fittings except for valves which will be measured (d) Connecting pipes to sanitary fixtures and appliances. (e) Casing to brick walls etc. and making good all works disturbed. (f) Necessary screws, nails sockets, connection back nuts standard pipe fixing or supporting clips, saddles, brackets, holder bats, straps (g) Connecting of different types of pipes. (h) Supply, installation, testing and disinfection after completion. (i) Submitting shop drawings where necessary. (j) Excavation, backfilling, disposal of surplus soil for items which were specifically mentioned. (k) All shop fabrication work, marking, delivery, unloading, hoisting, erecting and fixing as per detail drawings.	K - PLUMBING WORK The contractor is requested to refer GENERAL PREAMBLE NOTES' prior to pricing these items. Notes: Contractor shall refer to the drawings, specifications, notes, measurement & rate clauses and trade preambles before pricing. Unplasticised polyvinyl chloride (uPVC) pipes shall be used in the plumbing installation and they must confirm in every respect to the requirements of the SLS 147 or BS 4514. All fittings and pipe specials used in the plumbing installation shall be suitable and compatible with all respects to the pipe line to which fittings and specials are fixed All sanitary fittings supplied shall be provided with a minimum 25 years warranty, issued jointly and severally by the local supplier and the manufacturer. All taps & accessories shall be chromium plated manufactured in Europe or Japan or approved equivalent and shall have a minimum 5 Unless otherwise measured separately, rates for plumbing work shall include for: (a) Complying with the relevant Sri Lankan, British or any other standard as given under the specifications and with the regulations of the Local Authority and or any other relevant authorities. (b) Cutting and waste of pipes etc., and joining pipes. (c) All specials such as elbows, bends, tees, junctions, plugs, reducers and similar pipe fittings except for valves which will be measured (d) Comnecting pipes to sanitary fixtures and appliances. (e) Casing to brick walls etc. and making good all works disturbed. (f) Necessary screws, nails sockets, connection back nuts standard pipe fixing or supporting clips, saddles, brackets, holder bats, straps (g) Connecting of different types of pipes. (h) Supply, installation, testing and disinfection after completion. (i) Submitting shop drawings where necessary. (j) Excavation, backfilling, disposal of surplus soil for items which were specifically mentioned.

(m) Cutting or forming holes, mortises, chases or the like and making		
(n) Cutting to size and shape and joints in the running length.		
(p) Grinding to a smooth finish, unless otherwise required.		
(q) Pipe penetrations through floor slabs or beams where necessary.		
(r) All necessary accessories, threaded & grooved fittings unless otherwise measured separately.		
(s) Sundry items related to the work where necessary as required by the Engineer.		
Rates for sanitary fittings shall include for:-		
(a) Fittings such as taps, waste water outlet, internal overflows etc.		
(b) Assembling, jointing together fixing components parts, and		
(c) Jointing and connecting of pipes to sanitary fittings.		
(d) Supply, installation, testing and commissioning of the entire installation work.		
(e) Making good of the work disturbed.		
(f) Submitting samples for the approval by the Engineer.		
(g) Protecting the works.		
Rates for drainage work shall include for :-		
(a) Laying of pipes to falls.		
(b) Excavation, backfilling, disposal of surplus soil		
(c) All pipe specials such as bends, junctions, elbows, tees etc.		
(d) Connection to sides of manholes etc.		
(e) Providing sleeves etc., when pipes pass through walls, foundations		
(f) Giving notices, obtaining permits, paying fees, fixing, testing and		

ITEM	DESCRIPTION OF WORK	UNIT	QTY	RATE	AMOUNT
	COLD WATER				
	Service Meter to Sump				
K1	40mm diameter PVC pipe including running sockets and embeded to wall incuding all specials to over head tanks	120.00	ft		
K2	Transfer pump set 2Nos (1 duty 1 Standby) Capacity 1.2 lit/s at 3.0 bar head Electrically operated three phase Cetrifugal Water pump including foot valve, necessary Iron Brackets, valves, stainers, flexible couplings, vertex inhibitor and other necessary accessories etc.		Item		
К3	Water pump control panel for above pumping systems with all safety features and water level sensors (Stain steel rods) for good working	1.00	Item		
K4	Capacity 5000lt Polyurethane water Tank Including necessary drain off and over flow connections,50mm supply header including ball float vave & necessary valves and accessories as shown in drawing		nr		
	<u>Distribution Pipes</u>				
	Type 1000uPVC pipe with all necessary specials laid in water distribution system buried in brick walls / floor or clipped to any location where necessary.Rate shall include for necessary fittings.				
K5	20mm diameter	160.00	ft		
K6	25mm diameter	190.00	ft		
K7	32mm diameter	210.00	ft		
K8	40mm diameter	18.00	ft		
K9	50mm diameter	86.00	ft		
K10	63mm diameter	210.00	ft		
	ANCILLARIES				
	Gate Valves				
	Gate valve shall be brass "Pegler" manufactured UK or "KITZ"-				
K11	Gate valve for 20mm pipe	4.00	nr		
K12	Gate valve for 25mm pipe	13.00	nr		
K13	Gate valve for 63mm pipe	1.00	nr		
	Hot Water Installation				
	Notes:				
	Hot water supply Pipes, Valves shall be as manufactured in Italy, UK, Germany, Japan, Austrailia or as approved by the Engineer.				
	Contractor shall furnish minimum 5 year comprehensive warrantee severally and jointly with the manufacturer and the supplier, for all equipments fittings and the entire installation				
K14	Supply and intallation 40 liters electric hot water geyser and all other necessary fittings and accessories complete to working order as per the Drawings and Technical Specifications.		nos		
	Sub Total carried over				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
	Division Div				
	<u>PPR pipe work and fittings to PN 20, including all connections and</u>				
K15	supports 20 mm Pipe work and fittings	99.00	m		
K12		88.00	m		
	Waste water pipes (PVC Pipe type 600)				
	Type 600 uPVC pipe with all necessary specials laid for internal and external waste and sewage Disposal system buried in brick walls / floor, clipped to any location / soffit or laid through ground soil where necessary.Rate shall include for necessary fittings.				
K16	40mm diameter.	16.00	ft		
K17	50mm diameter.	28.00	ft		
K18	63mm diameter.	165.00	ft		
K19	90mm diameter.	32.00	ft		
	Kitchen water pipes (PVC Pipe type 600)				
	HDPE PN 10 pipe with all necessary specials laid for internal and external waste and sewage Disposal system buried in brick walls / floor, clipped to any location / soffit or laid through ground soil where necessary.Rate shall include for necessary fittings.				
K20	50mm diameter.	8.00	ft		
K21	63mm diameter.	14.00	ft		
K21	osmin dameter.	14.00	11		
K22	75mm diameter.	54.00	ft		
K23	90mm diameter.	22.00	ft		
	Soil pipe (PVC Pipe type 600)				
	Type 600 uPVC pipe with all necessary specials laid for internal and external waste and sewage Disposal system buried in brick walls / floor, clipped to any location / soffit or laid through ground soil where necessary.Rate shall include for necessary fittings.				
K24	50mm diameter.	8.00	ft		
K25	63mm diameter.	16.00	ft		
K26	110mm diameter.	140.00	ft		
K27	160mm diameter.	36.00	ft		
	Sub Total carried over				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
	Vent pipe (PVC Pipe type 600)				
	Type 600 uPVC pipe with all necessary specials laid for internal and external waste and sewage Disposal system buried in brick walls / floor, clipped to any location / soffit or laid through ground soil where necessary.Rate shall include for necessary fittings.				
K28	50mm diameter.	125.00	ft		
	uPVC Pipe Ancillaries				
	uPVC ancillaries shall be as per drawing including all connections and supports				
K29	Supplying and fixing of uPVC floor drain including Stainless Steel cover with a grating.	21.00	nr		
K30	Supplying and fixing of uPVC floor clean out including Stainless Steel cover with a necessary fittings.	1.00	nr		
	Supplying and fixing of uPVC vent cowl				
K31	63mm diameter.	2.00	nr		
K32	110mm diameter.	2.00	nr		
	Supplying and fixing of uPVC ceiling clean outs				
K33	50mm diameter.	3.00	nr		
K34	63mm diameter.	12.00	nr		
K35	90mm diameter.	1.00	nr		
K36	110mm diameter.	6.00	nr		
K37	160mm diameter.	1.00	nr		
	Sanitary fittings				
	Rate shall include for supplying and installation of sanitary fittings with all accessories				
K38	Supplying & fixing of low level water closet (Rocell or eq) approved colour and complete with cistern, seat cover, "P" or "S" trap (as directed), WC connection, flexible connection, angle valve etc., and all other necessary fittings and accessories complete to working order as per the Drawings and Technical Specifications. (Prime cost of low level water closet - Rs.24.000.00)	14.00	nr		
	Sub Total carried over				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
K39	Supplying & fixing of approved coloured wall hang Disabled low level suite comprising ceramic pedestal pan (Rocell or eq) complete with "P" or "S" trap, plastic flush bend, plastic seat cover and seat , 2 gallon close couple ceramic concealed cistern with chromium plated brass angle valve. Rate shall include for fixing pedestal to floor with necessary screws etc. fixing ceramic cistern to wall with galvanized M.S. brackets, fixing flush pipe in wall and connecting water line and soil pipe line pipe to fittings, with foldable Grab bar & other all related accessories for Disabled toilet.	1.00	nr		
K40	Supplying & fixing of ceramic urinal with 'S' or 'P' trap outlet approved colour, complete with flushing system, all necessary specials, fittings, flexible connections and necessary water	3.00	nr		
K41	Supplying & installation of pedestal type wash basin of approved colour, complete with (Rocell or eq) water efficient mixture tap , angle valve, flexible connection, rubber plug and chromium plated chain waste, bottle trap fixed as including water supply and waste water connection all complete to working order. (Prime cost of vanity type wash basin - Rs.14,000.00)	4.00	nr		
K42	Supplying & installation of pedestal type wash basin of approved colour, complete with (Rocell or eq) water efficient pillar tap , angle valve, flexible connection, rubber plug and chromium plated chain waste, bottle trap fixed as including water supply and waste water connection all complete to working order. (Prime cost of vanity type	9.00	nr		
K43	Supply and install approved coloured ceramic Disable wash basin pedestle type(Rocell or eq) with 12mm flexible hose with chromium plated brass angle valve,mixture tap, supply combined overflow pipe, chromium plated waste outlet with plug chain and stay including fixing to basin to wall with brackets & complete with chromium plated single pillar tap & other all related accessories for Disabled toilet. (Prime cost of wash basin - 12,000.00)	1.00	nr		
K44	Supplying & installation of stainless steel kitchen Sink of approved quality, complete with tap, angle valve, flexible connection, rubber plug and chromium plated chain waste, bottle trap fixed as including water supply and waste water connection all complete to working	1.00	nr		
	Supplying and installation of sanitary accessories				
	Unless otherwise stated all sanitary accessories shall be chromium plated brass or Stainless Steel approved by the Architect.				
	Supplying and installation of sanitary accessories				
	Unless otherwise stated all sanitary accessories shall be chromium plated brass or Stainless Steel approved by the Architect.				
K45	Towel Rail. (Prime cost - 3,400.00)	5.00	nr		
K46	Soap Dish	5.00	nr		
K47	shower head including Hand Shower with mixture concealed Valve.	4.00	nr		
	Sub Total carried over				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
K48	shower head including Shower head with fauset Valve.	1.00	nr		
K49	Toilet Paper Roll holder(Prime cost of Toilet Paper Roll holder - Rs.3,000.00)	15.00	nr		
K50	Garden Tap (water tech or eq) shall be chrome plated or approved by the Architect/Engineer.(Prime cost of Garden Tap - Rs.1500.00)	3.00	nr		
K51	Hand bidet shower including angle valve. (Prime cost of Hand bidet shower - Rs.2,650.00)	15.00	nr		
	Toilet Mirror				
	Supplying & fixing of plain glass mirrors, with chromium plated clips				
K52	900mm x 600mm(Prime cost of mirror - Rs.5,000.00)	11.00	nr		
	Builders Work				
K53	Double seal Sewer Manhole, size 600mmx600mm internally as per drawings with invert depth not exceeding 900mm including excavation and back filling, 150mm thick RCC grade 30 foundation including necessary reinforcement forming channels and 100mm thick RCC walls, base, mass concrete filling with neat cement grout, and cast iron double seal manhole covers with lifting arrangement. Inlet and outlet connections to complete the manhole in order.	5.00	nr		
K54	Sewer Drop Manhole, size 600mmx600mm internally as per drawings with invert depth not exceeding 900mm including excavation and back filling, 150mm thick RCC grade 30 foundation including necessary reinforcement forming channels and 100mm thick RCC walls, base, mass concrete filling with neat cement grout, and cast iron double seal manhole covers with lifting arrangement. Inlet and	3.00	nr		
K55	Double seal Waste Manhole, size 600mmx600mm internally as per drawings with invert depth not exceeding 900mm including excavation and back filling, 150mm thick RCC grade 30 foundation including necessary reinforcement forming channels and 100mm thick RCC walls, base, mass concrete filling with neat cement grout, and cast iron double seal manhole covers with lifting arrangement. Inlet and outlet connections to complete the manhole in order.	3.00	nr		
K56	Supplying all material and construct 450x450 mm gully trap as per detail drawing. Rate shall include for excavation & backfilling, concreting, benching, internal plastering, precast concrete cover slab with lifting handles, etc.	1.00	nr		
K57	Supplying all material and construct Grease Trap, size 1500x750mm (internally) as per detailed drawing, including concrete walls, base, cover slab, adjustable and fixed weir plates, internal plaster finish and inlet outlet connections to complete to working order	1.00	nr		
			1		
	Sub Total carried over				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
	200 1000 2100 grav 101 Wat u				
K58	Septic Tank Construction of RCC Septic tank 2400mm(L) x 1200mm(W) x 1200mm(D) including excavation, backfilling, masonry work, concrete work, opening cover with lifting handles, complete with all necessary connection to working order.	1.00	nr		
	Soakage Pit				
K59	Supply and fixing of precast RCC Soakage pit 1800mm(Dia) x 2000mm(D) including excavation, backfilling, masonry work, concrete work, opening cover with lifting handles, complete with all necessary connection to working order.	2.00	nr		
	Excavation for Pipes Works				
K60	Excavation and back fill to pipe trench for normal pipe laying areas, depth not exceeding 1.0m deep as per detail drawing. (Rate shall include for screed concrete work)	470.00	ft		
	Waste and Sewage Disposal				
	Type 600 uPVC pipe with all necessary specials laid in trenches (Excavation & backfilling for trenches measured separatly) for external waste and sewage Disposal system.				
K61	110mm diameter.	210.00	ft		
K62	160mm diameter.	260.00	ft		
	Stormwater drainage system				
K63	110mm PVC rain water down pipe per drawing,buried in brick walls / floor or clipped to any location where necessary.Rate shall include for necessary fittings etc.	252.00	ft		
K64	200mm Hume pipe rain water pipe per drawing, buried in soil where necessary.Rate shall include for necessary fittings etc.	60.00	ft		
K65	Storm water manhole with grated cover, size 600x600mm internally as per drawings with invert depth minimum 900mm including excavation and back filling, 150mm thick RCC grade 30 foundation including necessary reinforcement forming channels and 100mm thick RCC walls, base, mass concrete filling with neat cement grout. Inlet and outlet connections to complete the manhole in order.	3.00	nr		
K66	Storm water cantilever manhole with grated cover, size 600x600mm internally as per drawings with supporting legs, 150mm thick RCC grade 30 foundation including necessary reinforcement forming channels and 100mm thick RCC walls, base, mass concrete filling with neat cement grout. Inlet and outlet connections to complete the	1.00	nr		
	TRADE TOTAL CARRIED TO SUMMARY				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	L - FLOOR WALL AND CEILING FINISHES				
	E-FEOOR WALE AND CELEING FINISHES				
	The contractor is requested to refer 'GENERAL PREAMBLE NOTES"				
	prior to pricing these items.		Note		
	FLOOR FINISHES				
	FLOOR FINISHES				
L1	Supply and lay 12" x 24" semi glazed porcelain tiles laid on and				
	including 1/2" thk cement sand leveling screed 1:3 mix.				
	Tiles shall be fixed with approved adhesive with 3mm gap to be filled				
	after 48 hours with approved tile grout & pointing etc.,in lower				
	ground floor .(Prime cost of 12"x24" tile - 600/=)	8.00	sqr		
L2	Supply and lay 12" x 24" semi glazed porcelain tiles laid on and				
LZ	including 1/2" thk cement sand leveling screed 1:3 mix.				
	Tiles shall be fixed with approved adhesive with 3mm gap to be filled				
	after 48 hours with approved tile grout & pointing etc., in upper				
	ground floor .(Prime cost of 12"x24" tile - 600/=)	7.20	sqr		
L3	Supply and lay 12" x 24" semi glazed porcelain tiles laid on and				
	including 1/2" thk cement sand leveling screed 1:3 mix.				
	Tiles shall be fixed with approved adhesive with 3mm gap to be filled after 48 hours with approved tile grout & pointing etc.,in first floor				
	.(Prime cost of 12"x24" tile - 600/=)	10.50	sqr		
	.(11mic cost of 12 A24 the - 000/-)	10.50	341		
L4	Supply and lay 12" x 24" semi glazed porcelain tiles laid on and				
	including 1/2" thk cement sand leveling screed 1:3 mix.				
	Tiles shall be fixed with approved adhesive with 3mm gap to be filled				
	after 48 hours with approved tile grout & pointing etc.,in second floor				
	.(Prime cost of 12"x24" tile - 600/=)	2.00	sqr		
L5	Supply and lay 12" x 24" semi glazed porcelain tiles laid on and				
L3	including 1/2" thk cement sand leveling screed 1:3 mix.				
	Tiles shall be fixed with approved adhesive with 3mm gap to be filled				
	after 48 hours with approved tile grout & pointing etc.,in mazzanine				
	floor .(Prime cost of 12"x24" tile - 600/=)	4.00	sqr		
L6	Supply and lay 12" x 24" glazed porcelain tiles laid on and				
	including 1/2" thk cement sand leveling screed 1:3 mix. Tiles shall be fixed with approved adhesive with 3mm gap to be filled				
	after 48 hours with approved tile grout & pointing etc.,in upper				
	ground floor .(Prime cost of 12"x24" tile - 650/=)	10.50	sqr		
	ground from Arrinic cost of 12 A21 the 6500)	10.00	54		
L7	Supply and lay 12" x 24" glazed porcelain tiles laid on and				
	including 1/2" thk cement sand leveling screed 1:3 mix.				
	Tiles shall be fixed with approved adhesive with 3mm gap to be filled				
	after 48 hours with approved tile grout & pointing etc.,in first floor	2.50			
	.(Prime cost of 12"x24" tile - 650/=)	3.50	sqr		
L8	12" x 12" thk dark colour mat ceramic tile to toilets laid on and				
Lo	including 1/2" thick screed in cement and sand 1:3 mix in lower ground	1			
	floor. Rate shall include for approved adhesive, tile grout & pointing etc				
	(Prime cost of 12"x 12" tile - 250/=)	1.25	sqr		
L9	12" x 12" thk dark colour mat ceramic tile to toilets laid on and				
	including 1/2" thick screed in cement and sand 1:3 mix in upper ground				
	floor. Rate shall include for approved adhesive, tile grout & pointing etc.				
	(Prime cost of 12"x 12" tile - 250/=)	4.00	sqr		
	Sub Total carried over				
<u> </u>	NAN TAME ON THE TAME OF A		<u> </u>		

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
L10	12" x 12" thk dark colour mat ceramic tile to toilets laid on and				
LIU	including 1/2" thick screed in cement and sand 1:3 mix in first				
	floor. Rate shall include for approved adhesive, tile grout & pointing etc				
	(Prime cost of 12"x 12" tile - 250/=)	5.00	sqr		
	(-1-		
L11	12" x 12" thk dark colour mat ceramic tile to toilets laid on and				
	including 1/2" thick screed in cement and sand 1:3 mix in second				
	floor. Rate shall include for approved adhesive, tile grout & pointing etc	;			
	(Prime cost of 12"x 12" tile - 250/=)	0.80	sqr		
L12	12" x 24" semi glazed porcelain tiles to staircase laid on				
	(3 no of grooves) and including 1/2" thick screed in cement				
	and sand 1:3 mix from lower ground floor to upper ground floor.				
	Rate shall include for approved adhesive, tile grout & pointing etc	2.00	sqr		
	(Prime cost of 12"x 24" tile-600/=)				
7.10					
L13	12" x 24" semi glazed porcelain tiles to staircase laid on				
	(3 no of grooves) and including 1/2" thick screed in cement				
	and sand 1:3 mix from upper ground floor to first floor.	2.50			
	Rate shall include for approved adhesive, tile grout & pointing etc	2.50	sqr		
	(Prime cost of 12"x 24" tile-600/=)				
L14	12" x 24" semi glazed porcelain tiles to staircase laid on				
L14	(3 no of grooves) and including 1/2" thick screed in cement				
	and sand 1:3 mix from first floor to second floor.				
	Rate shall include for approved adhesive, tile grout & pointing etc	2.00	sqr		
	(Prime cost of 12"x 24" tile-600/=)	2.00	Sqi		
	(Finite cost of 12 x 21 the ood)				
L15	12" x 24" semi glazed porcelain tiles to staircase laid on				
	(3 no of grooves) and including 1/2" thick screed in cement				
	and sand 1:3 mix from second floor to mazzanine floor.				
	Rate shall include for approved adhesive, tile grout & pointing etc	2.00	sqr		
	(Prime cost of 12"x 24" tile-600/=)				
L16	12" x 24" semi glazed porcelain tiles to staircase laid on				
	(3 no of grooves) and including 1/2" thick screed in cement				
	and sand 1:3 mix from mazzanine floor to roof.				
	Rate shall include for approved adhesive, tile grout & pointing etc	2.00	sqr		
	(Prime cost of 12"x 24" tile-600/=)				
	2/48/1-0				
L17	3/4" tk.Cement rendering in cement sand 1:3 mix with smooth finish	4.00			
	in lower ground floor.	4.00	sqr		
T 10	3/4" tk.Cement rendering in cement sand 1:3 mix with smooth finish				
L18	in upper ground floor.	10.50	sqr		
	in apper ground moor.	10.50	Sqi		
L19	3/4" tk.Cement rendering in cement sand 1:3 mix with smooth finish				
	in first floor.	24.00	sqr		
L20	3/4" tk.Cement rendering in cement sand 1:3 mix with smooth finish				
	in second floor.	42.00	sqr		
T 0.1	2/4!! 4!- Compart and design in a consent and 1.2.				
L21	3/4" tk.Cement rendering in cement sand 1:3 mix with smooth finish	12.50	agr		
	in mazzanine floor.	13.50	sqr		
L22	3/4" tk.Cement rendering in cement sand 1:3 mix with smooth finish				
LZZ	in roof slabs.	6.50	sqr		
	TO STANDS	0.50	541		
	Sub Total carried over				
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1	<u> </u>	

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
L23	3/4" tk.Cement rendering in cement sand 1:3 mix with smooth finish				
1223	to staircase from lower ground floor to upper ground floor	1.00	sqr		
I 24	3/4" tk.Cement rendering in cement sand 1:3 mix with smooth finish				
L24	to staircase from upper ground floor to first floor	2.00	sqr		
1.05	3/4" tk.Cement rendering in cement sand 1:3 mix with smooth finish				
L25	to staircase from first floor to second floor.(2nr)	4.00	sqr		
	SKIRTING				
1.00	21/2" hish somi slamst saved in tile skirting in lawer	115.00	Ω		
L26	31/2" high semi glazed porcelain tile skirting in lower ground floor. (Prime cost of 12"x24" tile - 750/=)	113.00	ft		
L27	31/2" high semi glazed porcelain tile skirting in upper ground floor. (Prime cost of 12"x24" tile - 750/=)	90.00	ft		
	ground floor. (Prime cost of 12"x24" tile - /50/=)				
L28	31/2" high semi glazed porcelain tile skirting in	360.00	ft		
	first floor. (Prime cost of 12"x24" tile - 750/=)				
L29	31/2" high semi glazed porcelain tile skirting in upper	250.00	ft		
LL	second floor. (Prime cost of 12"x24" tile - 750/=)	230.00	10		
7.00		100.00			
L30	31/2" high semi glazed porcelain tile skirting in upper mazzanine floor. (Prime cost of 12"x24" tile - 750/=)	180.00	ft		
	mazzamine noor. (Finite cost of 12 A24 the - 7307-)				
L31	31/2" high glazed porcelain tile skirting in upper	235.00	ft		
	ground floor. (Prime cost of 12"x24" tile - 800/=)				
L32	31/2" high glazed porcelain tile skirting in first	100.00	ft		
	floor. (Prime cost of 12"x24" tile - 800/=)				
L33	31/2" high semi glazed porcelain tile skirting to staircase from lower	75.00	ft		
LSS	ground floor to upper ground floor. (Prime cost of 12"x24" tile - 750/=)		11		
L34	31/2" high semi glazed porcelain tile skirting to staircase from upper ground floor to first floor. (Prime cost of 12"x24" tile - 750/=)	90.00	ft		
	ground floor to first floor. (Prime cost of 12 x24 tile - /30/-)				
L35	31/2" high semi glazed porcelain tile skirting to staircase from first	80.00	ft		
	floor to second floor. (Prime cost of 12"x24" tile - 750/=)				
L36	31/2" high semi glazed porcelain tile skirting to staircase from second	80.00	ft		
	floor to mazzanine floor. (Prime cost of 12"x24" tile - 750/=)				
1.27	21/2111:31	90.00	Ω		
L37	31/2" high semi glazed porcelain tile skirting to staircase from mazzani floor to roof. (Prime cost of 12"x24" tile - 750/=)	80.00	ft		
L38	Cement skirting in lower ground floor	140.00	ft		
L39	Cement skirting in upper ground floor	275.00	ft		
L40	Cement skirting in first floor	250.00	ft		
L41	Cement skirting in second floor	630.00	ft		
L42	Cement skirting in mazzanine floor	180.00	ft		
	Sub Total carried over				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
L43	Cement skirting to staircase from lower ground floor to upper ground fl	25.00	ft		
L44	Cement skirting to staircase from upper ground floor to first floor.	75.00	ft		
L45	Cement skirting to staircase from first floor to second floor.(2nr)	75.00	ft		
L46	Supply and lay approved type cut pile carpet with under lay in auditorium area.(Prime Cost per sq.ft - 350/=)	30.00	sqr		
	WALL FINISHES				
	EXTERNAL WALLS				
L47	5/8" thick cement and sand 1:5 plaster finished rough with wood float to walls and columns in lower ground floor .	5.00	sqr		
L48	5/8" thick cement and sand 1:5 plaster finished rough with wood float to walls and columns in upper ground floor.	17.00	sqr		
L49	5/8" thick cement and sand 1:5 plaster finished rough with wood float to walls and columns in first floor	35.00	sqr		
	5/8" thick cement and sand 1:5 plaster finished rough with wood float to walls and columns in second floor	35.00	sqr		
L51	5/8" thick cement and sand 1:5 plaster finished rough with wood float to walls and columns in mazzanine floor	22.00	sqr		
L52	5/8" thick cement and sand 1:5 plaster finished rough with wood float to walls and columns above roof.	10.00	sqr		
	INTERNAL WALLS				
L53	12" x 24" thk glazed wall tile up to 4' 0" high level to toilets				
	laid on and including 1/2" thick cement and sand screed in 1:3 mix in lower ground floor.				
	Rate shall include for approved adhesive, tile grout & pointing etc. (Prime cost of 12"x 24" tile - 700/=)	3.50	sqr		
L54	laid on and including 1/2" thick cement and sand screed in				
	1:3 mix in upper ground floor. Rate shall include for approved adhesive, tile grout & pointing etc.	5.00	sqr		
	(Prime cost of 12"x 24" tile - 700/=)				
L55	12" x 24" thk glazed wall tile up to 4' 0" high level to toilets laid on and including 1/2" thick cement and sand screed in				
	1:3 mix in first floor.				
	Rate shall include for approved adhesive, tile grout & pointing etc. (Prime cost of 12"x 24" tile - 700/=)	12.00	sqr		
L56	12" x 24" thk glazed wall tile up to 4' 0" high level to toilets				
	laid on and including 1/2" thick cement and sand screed in 1:3 mix in second floor.				
	Rate shall include for approved adhesive, tile grout & pointing etc. (Prime cost of 12"x 24" tile - 700/=)	2.50	sqr		
L57	1/2" thick cement and sand 1:5 plaster finished				
	rough with wood float to walls and columns in lower ground floor.	60.00	sqr		
	Sub Total carried over				
<u> </u>	DUD TOTAL CALLICU UYCI				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
	Sub Total brought for ward				
L58	1/2" thick cement and sand 1:5 plaster finished				
	rough with wood float to walls and columns in upper ground floor	71.00	sqr		
L59	1/2" thick cement and sand 1:5 plaster finished				
	rough with wood float to walls and columns in first floor.	125.00	sqr		
1.60	1/2" thick cement and sand 1:5 plaster finished				
L60	rough with wood float to walls and columns in second floor.	100.00	sqr		
T. (1					
L61	1/2" thick cement and sand 1:5 plaster finished rough with wood float to walls and columns in mazzanine floor.	35.00	sqr		
7.60			-1		
L62	1/2" thick cement and sand 1:5 plaster finished rough with wood float to walls above roof.	12.00	sqr		
		12.00	541		
	KITCHEN WORK TOPS				
L63	Granite work top size 17' 3" x 2' 0" made out of glazed tile top and				
	12" x 24" glazed double layer heavy duty porcelain tiles for walls				
	(2ft height) & side of kitchen top laid on and including 1/2" thick				
	cement and sand screed in 1:3 mix and plastering in ground floor as per drawing. (Prime cost of 12"x 24" tile - 650/=)	1.00	nr		
	as per drawing. (Time cost of 12 x 24 the - 050/-)	1.00	111		
	TRADE TOTAL CARRIED TO CHMMARY				1
	TRADE TOTAL CARRIED TO SUMMARY				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	M - PAINTING				
	The state of the s	•			
	The contractor is requested to refer "GENERAL PREAMBLE NOTES" prior to pricing theses items.		Note		
			Tiote		
	Primer and paint shall be one brand and skim coat shall also be corwith the selected brand of paint as approved by the manufacturer.	mpatible	Note		
	with the selected brand of paint as approved by the manufacturer.		Note		
	EXTERNAL WALL PAINTING				
3.61	December 1 and 1 a				
M1	Prepare and apply one primer under coat and two finishing coats (or additional coats as recommended by the manufacture to achieve				
	the warranty) of weather proof paint system to walls and columns in				
	lower ground floor with five years manufactures warranty.	5.00	sqr		
3.40	Down and a subsection of the first time of				
M2	Prepare and apply one primer under coat and two finishing coats (or additional coats as recommended by the manufacture to achieve				
	the warranty)of weather proof paint system to walls and columns in				
	upper ground floor with five years manufactures warranty.	17.00	sqr		
3.62					
M3	Prepare and apply one primer under coat and two finishing coats (or additional coats as recommended by the manufacture to achieve				
	the warranty)of weather proof paint system to walls and columns in				
	first floor with five years manufactures warranty.	35.00	sqr		
3.64					
M4	Prepare and apply one primer under coat and two finishing coats (or additional coats as recommended by the manufacture to achieve				
	the warranty)of weather proof paint system to walls and columns in				
	second floor with five years manufactures warranty.	35.00	sqr		
3.65					
M5	Prepare and apply one primer under coat and two finishing coats (or additional coats as recommended by the manufacture to achieve				
	the warranty)of weather proof paint system to walls and columns in				
	mazzanine floor with five years manufactures warranty.	22.00	sqr		
3.66	December 1 and 1 a				
M6	Prepare and apply one primer under coat and two finishing coats (or additional coats as recommended by the manufacture to achieve the				
	warranty)of weather proof paint system to walls and columns above				
	roof with five years manufactures warranty.	10.00	sqr		
	TNITEDNIAL				
	INTERNAL				
M7	Prepare surface to smooth finish with approved skim coat putty or				
	equivalent, and apply 1 coat of primer and 2 coats of approved				
	emulsion paint on all walls and columns in lower ground floor.	60.00	sqr		
M8	Prepare surface to smooth finish with approved skim coat putty or				
1110	equivalent, and apply 1 coat of primer and 2 coats of approved				
	emulsion paint on all walls and columns in upper ground floor.	71.00	sqr		
M9	Prepare surface to smooth finish with approved skim coat putty or				
	equivalent,, and apply 1 coat of primer and 2 coats of approved emulsion paint on all walls and columns in first floor.	125.00	sqr		
	paint on an ward and columns in first floor.	-20.00	- 7-		
M10	Prepare surface to smooth finish with approved skim coat putty or				
	equivalent,, and apply 1 coat of primer and 2 coats of approved	100.00			
	emulsion paint on all walls and columns in second floor.	100.00	sqr		
	Sub Total carried over				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
M11	Prepare surface to smooth finish with approved skim coat putty or equivalent,, and apply 1 coat of primer and 2 coats of approved emulsion paint on all walls and columns in mazzanine floor	35.00	sqr		
M12	Prepare surface to smooth finish with approved skim coat putty or equivalent,, and apply 1 coat of primer and 2 coats of approved emulsion paint on all walls and columns above roof.	12.00	sqr		
	CEILINGS				
M13	Prepare surface to smooth finish with approved wall putty, and apply 1 coat of primer and 2 coats of approved emulsion paint to sides and soffit of upper ground floor slab.	45.00	sqr		
M14	Prepare surface to smooth finish with approved wall putty, and apply 1 coat of primer and 2 coats of approved emulsion paint to sides and soffit of first floor slab.	45.00	sqr		
M15	Prepare surface to smooth finish with approved wall putty, and apply 1 coat of primer and 2 coats of approved emulsion paint to sides and soffit of second floor slab.	75.00	sqr		
M16	Prepare surface to smooth finish with approved wall putty, and apply 1 coat of primer and 2 coats of approved emulsion paint to sides and soffit of mezzanine floor slab.	8.50	sqr		
M17	Prepare surface to smooth finish with approved wall putty, and apply 1 coat of primer and 2 coats of approved emulsion paint to sides and soffit of all roof slabs.	17.50	sqr		
M18	Prepare surface to smooth finish with approved wall putty, and apply 1 coat of primer and 2 coats of approved emulsion paint to sides and soffit of staircase from lower ground floor to upper ground floor.	4.00	sqr		
M19	Prepare surface to smooth finish with approved wall putty, and apply 1 coat of primer and 2 coats of approved emulsion paint to sides and soffit of staircase from upper ground floor to first floor.	5.50	sqr		
M20	Prepare surface to smooth finish with approved wall putty, and apply 1 coat of primer and 2 coats of approved emulsion paint to sides and soffit of staircase from first floor to second floor.	7.00	sqr		
M21	Prepare surface to smooth finish with approved wall putty, and apply 1 coat of primer and 2 coats of approved emulsion paint to sides and soffit of staircase from second floor to mazzanine floor.	2.50	sqr		
M22	Prepare surface to smooth finish with approved wall putty, and apply 1 coat of primer and 2 coats of approved emulsion paint to sides and soffit of staircase frommazzanine floor to roof.	2.50	sqr		
	TRADE TOTAL CARRIED TO CUMMARY				
	TRADE TOTAL CARRIED TO SUMMARY				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	N- WATER PROOFING				
	The contractor is requested to refer 'GENERAL		27.		
	PREAMBLE NOTES" prior to pricing these items.		Note		
	All waterproofing works to be done by a specialist subcontractor (SP1 Categ	ory) with	10 year warrai	nty.
	FLOOR & WALLS				-
3.7.1		4.00			
N1	Approved type flexible cement base liquid water proofing compound applied to toilet floors(double water proofing) with 1" thick protective layer in cement and sand 1:3 mix in upper ground floor.	4.00	sqr		
N2	Approved type flexible cement base liquid water proofing compound applied to toilet floors(double water proofing) with 1" thick protective layer in cement and sand 1:3 mix in first floor.	5.00	sqr		
N3	Approved type flexible cement base liquid water proofing compound applied to toilet floors(double water proofing) with 1" thick protective layer in cement and sand 1:3 mix in second floor.	0.80	sqr		
N4	Approved type flexible cement base liquid water proofing compound applied to toilet walls with 1" thick protective layer in cement and sand 1:3 mix in lower & upper ground floor.	8.50	sqr		
N5	Approved type flexible cement base liquid water proofing compound applied to toilet walls with 1" thick protective layer in cement and sand 1:3 mix in first floor.	12.00	sqr		
N6	Approved type flexible cement base liquid water proofing compound applied to toilet walls with 1" thick protective layer in cement and sand 1:3 mix in second floor.	2.50	sqr		
N7	Approved type crystallization type water proofing (Xypex or equ)to roof slab with 1" thick protective layer in cement and sand 1:3 mix.	17.00	sqr		
N8	Approved type crystallization type water proofing (Xypex or equ)to floor slab with 1" thick protective layer in cement and sand 1:3 mix in machine room.	6.50	sqr		
NO	A	4.00			
N9	Approved type crystallization type water proofing (Xypex or equ)to base and walls with 1" thick protective layer in cement and sand 1:3 mix in water sump.	4.00	sqr		
N10	Approved type crystallization type water proofing (Xypex or equ)to base and walls with 1" thick protective layer in cement and sand 1:3 mix in retaining wall with lift pit.	62.00	sqr		
N11	Approved type water proofing membrane with 2" thick protection screed under raft foundation.	61.00	sqr		
N12	Supply and install Compressible filter board with approved sealant				
1112	of top to edge of RCC ground slab placed against foundation.	55.00	ft		
N13	Supply and install Bitumenes protection board with approved sealant in retaining wall.	61.00	sqr		
		7.2	1-		
	TRADE TOTAL CARRIED TO SUMMARY		+ +		

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	P - ELECTRICAL INSTALLATION				
	All materials, equipment's, wiring and workmanship shall confirm to local authority requirements, B.S Standards, latest I.E.E regulations (17th edition).		note		
	Contractor shall obtain sample approvals for all the items used in electrical Installation before commencing installation.		note		
	Contractor shall propose shop drawings/conduit layouts drawings and shall obtain approval from Consultant Engineer before commencing installation.		note		
	Rates in Bill of Quantities shall include all necessary materials Cables, conduits, PVC sunk box, bulbs, switches etc.) and labor required to complete the electrical installation to good working order.		note		
	Except where specifically stated, all costs associated with provision of all holes, openings, chases, ducts and other builders' work required for installation and make them good, shall be included in the rates.		note		
	Where reference is made to certain manufactures' products and items identified by registered trade marks, this has been done for the sole purpose of defining and establishing standards of quality and performance and not with the intention of restricting the procurement of material or fitting to a particular manufacturer.		note		
	Electrical Items (MCB,RCCB etc.) without and accredited agent in Sri Lanka shall not be accepted and guarantee cards (Fans etc.) should be provided from Accredited agent when necessary.		note		
	All the main feeder cables quoted below shall be on measure and pay basis.		note		
	Testing and commissioning of the electrical installation is to be carried out by the contractor and inspection report to be submitted according to the requirements of the Power Supply Authority. Cost of such testing and reports to be included in the rates. As built electrical drawing to be submitted.		note		
	Testing of the complete Electrical Installation and issuing a certificate by a chartered Electrical Engineer, registered with Ceylon Electricity		note		
	POWER RECEIVING FROM EXISTING POWER SUPPLY.				
	Electrical Contractor shall coordinate with all relevant parties in obtaining power supply connection from Power Supply Authorities.		note		
	The Contractor shall provide necessary support to CEB personal and employer in obtaining CEB power supply.		note		
P1	Allow for the authority charges relevant for Obtaining Power Supply of 60A/400V/230V/3ph/50 Hz	1.00	item		
	Sub Total carried over				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
	FEEDER CABLES				
	Rates shall be included for all necessary cable accessories such as cable ties, Cable Lugs, Glands, identification tags, and accessories All horizontal and vertical Cable trays should be adequately sized to provide 40% spare space.		note		
	For Underground Cables Rates shall be included, excavation, cable laying, backfilling, warning tiles, tapes and all necessary accessories.		note		
	All Main, Medium and Sub Feeder cables shall be tagged by Aluminum tags that have the information of the cable (Identification no., Origin, destination, Cable Size etc.)		note		
	Lower Ground Floor				
P2	Supply, Installation & Termination of 4C x 16 mm ² , Cu/PVC/PVC Cable from CEB METER to ATS .	75.00	ft		
P3	Supply, Installation & Termination of 4C x 16 mm ² , Cu/PVC/PVC + 16 mm ² , Cu/PVC (E) Cable from ATS to MSB .	25.00	ft		
P4	Supply, Installation & Termination of 2C x 6mm ² , Cu/PVC/PVC + 6 mm2, Cu/PVC (E) Cable from MSB to LG-DB-1 .	125.00	ft		
P5	Supply, Installation & Termination of 4C x 4mm ² Cu/PVC/SWA/PVC + 4mm2, Cu/ PVC (E) Cable from MSB to	160.00	ft		
P6	Supply, Installation & Termination of 4C x 6mm ² , Cu/PVC/PVC + 6mm2, Cu/PVC (E) Cable from MSB to DB-LIFT .	175.00	ft		
	Upper Ground Floor				
P7	Supply, Installation & Termination of 2C x 6mm ² , Cu/PVC/PVC + 6mm ² , Cu/PVC (E) Cable from MSB to G.DB-1 .	135.00	ft		
	FEEDER CABLES (Cont'd)				
	First Floor				
P8	Supply, Installation & Termination of 2C x 6mm ² , Cu/PVC/PVC + 6mm ² , Cu/PVC (E) Cable from MSB to F.DB-1 .	150.00	ft		
P9	Supply, Installation & Termination of 4C x 10mm ² , Cu/PVC/PVC + 10mm2, Cu/PVC (E) Cable from MSB to F.DB-2.	250.00	ft		
P10	Supply, Installation & Termination of 2C x 6mm ² , Cu/PVC/PVC + 6mm2, Cu/PVC (E) Cable from MSB to F.DB-3 .	265.00	ft		
	Sub Total carried over				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
	Second Floor				
P11	Supply, Installation & Termination of 4C x 6mm ² , Cu/PVC/PVC + 6mm ² , Cu/PVC (E) Cable from MSB to S.DB-1 .	165.00	ft		
	Mezzanine Floor				
P12	Supply, Installation & Termination of 2C x 6mm ² , Cu/PVC/PVC + 6mm2, Cu/PVC (E) Cable from MSB to M.DB-1 .	215.00	ft		
	LV DISTRIBUTION SYSTEM				
	Distribution Boards.				
	All Distribution Boards shall be complete with powder coated steel enclosure with lockable doors.		note		
	The panel board should have wire numbering and a laminated circuit diagram pasted on the inside surface of the door.		note		
	MCB & RCCB, shall be manufactured by ABB,Schneider , F&G, Eaton or equivalent & approved by the Engineer.		note		
	Distribution Boards shall be complete with necessary protection as per the drawing.		note		
	Locations of the distribution boards shall be slightly moved for better MEP coordination's or as per the client's/architecture's requirement.		note		
	Lower Ground Floor				
P13	63A 4P CEB IN DB c/w ENCLOSURE	1.00	nr		
P14	Supply and installation of Main Distribution Board (MSB) Consisting of , Surge arrestors, Circuit Breakers, DPA, EFRetc & all the mounting & supporting accessories etc. as per the drawings and specifications.	1.00	nr		
P15	LG. DB-1	1.00	nr		
P16	DB-WP	1.00	nr		
	LV DISTRIBUTION SYSTEM (Cont'd)				
	Upper Ground Floor				
P17	G.DB-1	1.00	nr		
1	First Floor				
D10		1.00			
P18	F.DB-1	1.00	nr		
	Sub Total carried over				

Sub Total brought forward P19 F.DB-2	ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
P20 EDh-3 1.00 nr		Sub Total brought forward				
Second Floor	D10	EDB 2	1.00	nr		
Scond Floor	119			111		
P21 S.DB-1 1.00 nr	P20	F.DB-3	1.00	nr		
Mczzanine Floor		Second Floor				
Mczzanine Floor	P21	S.DB-1	1.00	nr		
P22 M.DB-1						
P23 LIFT-DB-1		Mezzanine Floor				
WIRING OF LIGHT POINTS AND SOCKET OUTLETS Rate point wiring shall include for all the conduits, conduit fittings, casings, surface cable trunks, fixing material, switches, wiring and terminations, holders for light fittings, ceiling roses, flexible codes and socket outlets for power points. Contractor shall obtain approvals from the Consultant Electrical Engineer for above items As a standard of quality for switches and socket outlets, the contractor may use ORANGE or approved equal. Installation positions of the switches, socket outlets and isolators indicated in the drawings are approximate only. Electrical Contractor shall coordinate with the Architect, client and other contractors to identify the exact positions. Galvanized steel conduits shall be used for exposed installations in machine rooms and car parks where mechanical damages can occur. Galvanized flexible conduits will be used for terminating all connections to motors and vibrating equipment. All outdoor switchers shall be weather proof type switchers. note Lower Ground Floor P24 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² CupPVC/PVC + 2.5mm² CurPVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. Upper Ground Floor P25 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² CurPVC/PVC + 2.5mm² CurPVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings.	P22	M.DB-1	1.00	nr		
WIRING OF LIGHT POINTS AND SOCKET OUTLETS Rate point wiring shall include for all the conduits, conduit fittings, casings, surface cable trunks, fixing material, switches, wiring and terminations, holders for light fittings, ceiling roses, flexible codes and socket outlets for power points. Contractor shall obtain approvals from the Consultant Electrical Engineer for above items As a standard of quality for switches and socket outlets, the contractor may use ORANGE or approved equal. Installation positions of the switches, socket outlets and isolators indicated in the drawings are approximate only. Electrical Contractor shall coordinate with the Architect, client and other contractors to identify the exact positions . Galvanized steel conduits shall be used for exposed installations in machine rooms and car parks where mechanical damages can occur. Galvanized flexible conduits will be used for terminating all connections to motors and vibrating equipment. All outdoor switchers shall be weather proof type switchers. note Lower Ground Floor P24 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC/E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. Upper Ground Floor Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC/E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings.		Roof Floor				
WIRING OF LIGHT POINTS AND SOCKET OUTLETS Rate point wiring shall include for all the conduits, conduit fittings, casings, surface cable trunks, fixing material, switches, wiring and terminations, holders for light fittings, ceiling roses, flexible codes and socket outlets for power points. Contractor shall obtain approvals from the Consultant Electrical Engineer for above items As a standard of quality for switches and socket outlets, the contractor may use ORANGE or approved equal. Installation positions of the switches, socket outlets and isolators indicated in the drawings are approximate only. Electrical Contractor shall coordinate with the Architect, client and other contractors to identify the exact positions. Galvanized steel conduits shall be used for exposed installations in machine rooms and car parks where mechanical damages can occur. Galvanized flexible conduits will be used for terminating all connections to motors and vibrating equipment. All outdoor switchers shall be weather proof type switchers. I. Lower Ground Floor P24 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC/E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. Upper Ground Floor Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC/E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings.			1.00			
Rate point wiring shall include for all the conduits, conduit fittings, casings, surface cable trunks, fixing material, switches, wiring and terminations, holders for light fittings, ceiling roses, flexible codes and socket outlets for power points. Contractor shall obtain approvals from the Consultant Electrical Engineer for above items As a standard of quality for switches and socket outlets, the contractor may use ORANGE or approved equal. Installation positions of the switches, socket outlets and isolators indicated in the drawings are approximate only. Electrical Contractor shall coordinate with the Architect, client and other contractors to identify the exact positions. Galvanized steel conduits shall be used for exposed installations in machine rooms and car parks where mechanical damages can occur. Galvanized flexible conduits will be used for terminating all connections to motors and vibrating equipment. All outdoor switchers shall be weather proof type switchers. note Lower Ground Floor P24 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm ² Cu/PVC/PVC + 2.5mm ² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. Upper Ground Floor P25 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm ² Cu/PVC/PVC + 2.5mm ² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings.	P23	LIFT-DB-1	1.00	nr		
casings, surface cable trunks, fixing material, switches, wiring and terminations, holders for light fittings, ceiling roses, flexible codes and socket outlets for power points. Contractor shall obtain approvals from the Consultant Electrical Engineer for above items As a standard of quality for switches and socket outlets, the contractor may use ORANGE or approved equal'. Installation positions of the switches, socket outlets and isolators indicated in the drawings are approximate only. Electrical Contractor shall coordinate with the Architect, client and other contractors to identify the exact positions. Galvanized steel conduits shall be used for exposed installations in machine rooms and car parks where mechanical damages can occur. Galvanized flexible conduits will be used for terminating all connections to motors and vibrating equipment. All outdoor switchers shall be weather proof type switchers. note Lower Ground Floor P24 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. Upper Ground Floor P25 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings.		WIRING OF LIGHT POINTS AND SOCKET OUTLETS				
casings, surface cable trunks, fixing material, switches, wiring and terminations, holders for light fittings, ceiling roses, flexible codes and socket outlets for power points. Contractor shall obtain approvals from the Consultant Electrical Engineer for above items As a standard of quality for switches and socket outlets, the contractor may use ORANGE or approved equal'. Installation positions of the switches, socket outlets and isolators indicated in the drawings are approximate only. Electrical Contractor shall coordinate with the Architect, client and other contractors to identify the exact positions. Galvanized steel conduits shall be used for exposed installations in machine rooms and car parks where mechanical damages can occur. Galvanized flexible conduits will be used for terminating all connections to motors and vibrating equipment. All outdoor switchers shall be weather proof type switchers. note Lower Ground Floor P24 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. Upper Ground Floor P25 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings.		Rate point wiring shall include for all the conduits, conduit fittings.		note		
and socket outlets for power points. Contractor shall obtain approvals from the Consultant Electrical Engineer for above items As a standard of quality for switches and socket outlets, the contractor may use ORANGE or approved equal!. Installation positions of the switches, socket outlets and isolators indicated in the drawings are approximate only. Electrical Contractor shall coordinate with the Architect, client and other contractors to identify the exact positions. Galvanized steel conduits shall be used for exposed installations in machine rooms and car parks where mechanical damages can occur. Galvanized flexible conduits will be used for terminating all connections to motors and vibrating equipment. All outdoor switchers shall be weather proof type switchers. Iower Ground Floor P24 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. Upper Ground Floor P25 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings.		casings, surface cable trunks, fixing material, switches, wiring and				
from the Consultant Electrical Engineer for above items As a standard of quality for switches and socket outlets, the contractor may use ORANGE or approved equal'. Installation positions of the switches, socket outlets and isolators indicated in the drawings are approximate only. Electrical Contractor shall coordinate with the Architect, client and other contractors to identify the exact positions. Galvanized steel conduits shall be used for exposed installations in machine rooms and car parks where mechanical damages can occur. Galvanized flexible conduits will be used for terminating all connections to motors and vibrating equipment. All outdoor switchers shall be weather proof type switchers. note Lower Ground Floor P24 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with IOA flush switch as shown in layout drawings. Upper Ground Floor P25 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with IOA flush switch as shown in layout drawings.						
As a standard of quality for switches and socket outlets, the contractor may use ORANGE or approved equal'. Installation positions of the switches, socket outlets and isolators indicated in the drawings are approximate only. Electrical Contractor shall coordinate with the Architect, client and other contractors to identify the exact positions. Galvanized steel conduits shall be used for exposed installations in machine rooms and car parks where mechanical damages can occur. Galvanized flexible conduits will be used for terminating all connections to motors and vibrating equipment. All outdoor switchers shall be weather proof type switchers. note Lower Ground Floor P24 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. 100 preformed Floor P25 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings.						
may use ORANGE or approved equal'. Installation positions of the switches, socket outlets and isolators indicated in the drawings are approximate only. Electrical Contractor shall coordinate with the Architect, client and other contractors to identify the exact positions. Galvanized steel conduits shall be used for exposed installations in machine rooms and car parks where mechanical damages can occur. Galvanized flexible conduits will be used for terminating all connections to motors and vibrating equipment. All outdoor switchers shall be weather proof type switchers. note Lower Ground Floor P24 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. Upper Ground Floor P25 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC/E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings.						
Installation positions of the switches, socket outlets and isolators indicated in the drawings are approximate only. Electrical Contractor shall coordinate with the Architect, client and other contractors to identify the exact positions. Galvanized steel conduits shall be used for exposed installations in machine rooms and car parks where mechanical damages can occur. Galvanized flexible conduits will be used for terminating all connections to motors and vibrating equipment. All outdoor switchers shall be weather proof type switchers. note Lower Ground Floor P24 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. Upper Ground Floor P25 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. 100 nr 40.00 nr		* *		note		
indicated in the drawings are approximate only. Electrical Contractor shall coordinate with the Architect, client and other contractors to identify the exact positions. Galvanized steel conduits shall be used for exposed installations in machine rooms and car parks where mechanical damages can occur. Galvanized flexible conduits will be used for terminating all connections to motors and vibrating equipment. All outdoor switchers shall be weather proof type switchers. note Lower Ground Floor P24 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. 150.00 nr P25 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings.		may use ORANGE or approved equal.				
shall coordinate with the Architect, client and other contractors to identify the exact positions. Galvanized steel conduits shall be used for exposed installations in machine rooms and car parks where mechanical damages can occur. Galvanized flexible conduits will be used for terminating all connections to motors and vibrating equipment. All outdoor switchers shall be weather proof type switchers. note Lower Ground Floor P24 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. 150.00 nr				note		
identify the exact positions. Galvanized steel conduits shall be used for exposed installations in machine rooms and car parks where mechanical damages can occur. Galvanized flexible conduits will be used for terminating all connections to motors and vibrating equipment. All outdoor switchers shall be weather proof type switchers. note Lower Ground Floor P24 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. P25 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings.						
Galvanized steel conduits shall be used for exposed installations in machine rooms and car parks where mechanical damages can occur. Galvanized flexible conduits will be used for terminating all connections to motors and vibrating equipment. All outdoor switchers shall be weather proof type switchers. P24 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. P25 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC/PVC						
machine rooms and car parks where mechanical damages can occur. Galvanized flexible conduits will be used for terminating all connections to motors and vibrating equipment. All outdoor switchers shall be weather proof type switchers. note Lower Ground Floor P24 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. 105 Upper Ground Floor P25 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. 106 In Table 10		, , , , , , , , , , , , , , , , , , ,				
Galvanized flexible conduits will be used for terminating all connections to motors and vibrating equipment. All outdoor switchers shall be weather proof type switchers. Inote Lower Ground Floor P24 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. P25 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. 40.00 nr		<u>^</u>		note		
connections to motors and vibrating equipment. All outdoor switchers shall be weather proof type switchers. Description of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. Description of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/						
All outdoor switchers shall be weather proof type switchers. Lower Ground Floor						
Dower Ground Floor P24 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm ² Cu/PVC/PVC + 2.5mm ² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. So.00 nr						
P24 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. Upper Ground Floor		All outdoor switchers shall be weather proof type switchers.		note		
P24 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. Upper Ground Floor		Lower Ground Floor				
respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. Upper Ground Floor						
Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. Upper Ground Floor P25 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings.	P24					
Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings. Upper Ground Floor P25 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm² Cu/PVC/PVC + 2.5mm² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings.			50.00	nr		
P25 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm ² Cu/PVC/PVC + 2.5mm ² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings.			20.00			
P25 Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm ² Cu/PVC/PVC + 2.5mm ² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings.		, ,				
respective consumer unit using 2 x 1.5mm ² Cu/PVC/PVC + 2.5mm ² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings.		Upper Ground Floor				
respective consumer unit using 2 x 1.5mm ² Cu/PVC/PVC + 2.5mm ² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings.	D25	Wiring of light points/Fan Point & Evit Sign Board from the				
Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings.	143					
			40.00	nr		
Sub Total carried over		conduit with 10A flush switch as shown in layout drawings.				
Sub Total carried over						
		Sub Total carried over				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
	First Floor P26P+B2527				
P26	Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm ² Cu/PVC/PVC + 2.5mm ² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings.	96.00	nr		
	Second Floor				
P27	Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm ² Cu/PVC/PVC + 2.5mm ² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings.	103.00	nr		
	Mezzanine Floor				
P28	Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm ² Cu/PVC/PVC + 2.5mm ² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings.	22.00	nr		
	Roof Floor				
P29	Wiring of light points/Fan Point & Exit Sign Board from the respective consumer unit using 2 x 1.5mm ² Cu/PVC/PVC + 2.5mm ² Cu/PVC(E) cable drawn through securely fixed concealed PVC conduit with 10A flush switch as shown in layout drawings.	2.00	nr		
	SUPPLY AND INSTALLATION OF LIGHT FITTINGS				
	Each fitting shall include bulbs, internal wiring, hanging and fixing material and be complete without any additional item/material being required to make it so.				
	Lower Ground Floor				
	Lower Ground Floor				
P30	Supply & Installation of 9W LED External Wall Bracket Lamp c/w electronic driver.	9.00	nr		
P31	Supply & Installation of 4W LED Surface Mounted Lamp c/w electronic driver.	18.00	nr		
P32	Supply & Installation of 15W LED Internal Wall Bracket Lamp c/w electronic driver.	8.00	nr		
P33	Supply & Installation of 9W LED Internal Wall Bracket Lamp c/w electronic driver.	1.00	nr		
P34	Supply & Installation of 5W LED Surface Mounted Lamp c/w electronic driver.	7.00	nr		
	Sub Total carried over				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
P35	Supply & Installation of 9W LED Surface Mounted Lamp c/w electronic driver.	1.00	nr		
P36	Supply & Installation of 7W LED Mirror Lamp c/w electronic driver.	2.00	nr		
P37	Supply & Installation of 1400mm Sweep Ceiling Fan.	2.00	nr		
	Upper Ground Floor				
P38	Supply & Installation of 15W LED Internal Wall Bracket Lamp c/w electronic driver.	3.00	nr		
P39	Supply & Installation of 7W LED Internal Wall Bracket Lamp c/w electronic driver.	9.00	nr		
P40	Supply & Installation of 5W LED Surface Mounted Lamp c/w electronic driver.	13.00	nr		
	Upper Ground Floor				
D/1	Sumply & Installation of CW LED Surface Manufal Laura (m.				
P41	Supply & Installation of 6W LED Surface Mounted Lamp c/w electronic driver.	3.00	nr		
P42	Supply & Installation of 9W LED Surface Mounted Lamp c/w electronic driver.	3.00	nr		
P43	Supply & Installation of 7W LED Mirror Lamp c/w electronic driver.	3.00	nr		
P44	Supply & Installation of 1400mm Sweep Ceiling Fan.	3.00	nr		
	First Floor				
P45	Supply & Installation of 36W LED Panel Lamp c/w electronic driver.	4.00	nr		
P46	Supply & Installation of 9W LED Pendent Mounted Lamp c/w electronic driver.	32.00	nr		
P47	Supply & Installation of 5W LED Surface Mounted Lamp c/w electronic driver.	12.00	nr		
P48	Supply & Installation of 9W LED Surface Mounted Lamp c/w electronic driver.	8.00	nr		
P49	Supply & Installation of 15W LED Internal Wall Bracket Lamp c/w electronic driver.	4.00	nr		
P50	Supply & Installation of 9W LED Internal Wall Bracket Lamp c/w electronic driver.	2.00	nr		
	Sub Total carried over				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
P51	Supply & Installation of 7W LED Internal Wall Bracket Lamp c/w electronic driver.	4.00	nr		
P52	Supply & Installation of 7W LED Mirror Lamp c/w electronic driver.	3.00	nr		
P53	Supply & Installation of 1400mm Sweep Ceiling Fan.	23.00	nr		
	Second Floor				
P54	Supply & Installation of 12W LED Surface Mounted Lamp c/w electronic driver.	16.00	nr		
P55	Supply & Installation of 25W LED Surface Mounted Lamp c/w electronic driver.	32.00	nr		
P56	Supply & Installation of 30W LED Surface Mounted Lamp c/w electronic driver.	6.00	nr		
P57	Supply & Installation of 5W LED Surface Mounted Lamp c/w electronic driver.	19.00	nr		
P58	Supply & Installation of 10W LED Surface Mounted Lamp c/w electronic driver.	6.00	nr		
P59	Supply & Installation of 15W LED Internal Wall Bracket Lamp c/w electronic driver.	3.00	nr		
P60	Supply & Installation of 9W LED Surface Mounted Lamp c/w electronic driver.	2.00	nr		
P61	Supply & Installation of 7W LED Mirror Lamp c/w electronic driver.	2.00	nr		
P62	Supply & Installation of 2 x 10W LED Track Mounted Lamp c/w electronic driver.	7.00	nr		
P63	Supply & Installation Industrial type wall fan	12.00	nr		
	Mezzanine Floor				
P64	Supply & Installation of 12W LED Surface Mounted Lamp c/w electronic driver.	16.00	nr		
P65	Supply & Installation of 5W LED Surface Mounted Lamp c/w electronic driver.	6.00	nr		
	Roof Floor				
P66	Supply & Installation of 15W LED Internal Wall Bracket Lamp c/w electronic driver.	2.00	nr		
	Sub Total carried over				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
	WIRING FOR SOCKET OUTLETS & ISOLATORS				
	Rate point wiring shall include for all the conduits, conduit fittings, casings, surface cable trunks, fixing material, switches, wiring and terminations, holders for light fittings and socket outlets for power points. Contractor shall obtain approvals from the Consultant				
	Lower Ground Floor				
P67	Supply and Installation of 13A Single switched socket outlet fixed on wall, wired in ring circuit from the respective Consumer Unit using 2 x 2.5mm ² Cu/PVC/PVC cable with 2.5 mm ² Cu/PVC(E) earth wire as shown in layout drawings.	7.00	nr		
	Upper Ground Floor				
P68	Supply and Installation of 13A Single switched socket outlet fixed on wall, wired in ring circuit from the respective Consumer Unit using 2 x 2.5mm ² Cu/PVC/PVC cable with 2.5 mm ² Cu/PVC(E) earth wire as shown in layout drawings.	20.00	nr		
	First Floor				
P69	Sumply and Installation of 12 A Single positional analyst system of	25.00			
P09	Supply and Installation of 13A Single switched socket outlet fixed on wall, wired in ring circuit from the respective Consumer Unit using 2 x 2.5mm ² Cu/PVC/PVC cable with 2.5 mm ² Cu/PVC(E) earth wire as shown in layout drawings.	23.00	nr		
	Second Floor				
P70	Supply and Installation of 13A Single switched socket outlet for industrial wall fan fixed on wall, wired in ring circuit from the respective Consumer Unit using 2 x 2.5mm ² Cu/PVC/PVC cable with 2.5 mm ² Cu/PVC(E) earth wire as shown in lavout drawings.	12.00	nr		
P71	Supply and Installation of 13A Single switched socket outlet fixed on wall, wired in ring circuit from the respective Consumer Unit using 2 x 2.5mm ² Cu/PVC/PVC cable with 2.5 mm ² Cu/PVC(E) earth wire as shown in layout drawings.	15.00	nr		
	Mezzanine Floor				
P72	Supply and Installation of 13A Single switched socket outlet for industrial wall fan fixed on wall, wired in ring circuit from the respective Consumer Unit using 2 x 2.5mm ² Cu/PVC/PVC cable with 2.5 mm ² Cu/PVC(E) earth wire as shown in layout drawings.	5.00	nr		
	Sub Total carried over				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
	Roof Floor				
P73	Supply and Installation of 13A Single switched socket outlet for industrial wall fan fixed on wall, wired in radial circuit from the respective Consumer Unit using 2 x 2.5mm ² Cu/PVC/PVC cable with 2.5 mm ² Cu/PVC(E) earth wire as shown in lavout drawings.	1.00	nr		
	CABLE TRAYS & LADDER				
	Supply and installation of perforated cable trays with bends, joints, mounting brackets and all required accessories complete with perforated cover.				
	All the cables trays, ladders quoted below shall be on measure and pay basis.				
P74	Supply and installation of 100 x75mm single Compartment Powder coated Cable Tray with all necessary accessories as shown in the	225.00	ft		
P75	Supply and installation of 300x75mm single Compartment Powder coated Perforated Cable Tray with all necessary accessories as shown in the drawing.	135.00	ft		
P76	Supply and installation of 300mm heavy duty Hot diped galvanized Cable Ladder clamps, and fixing brackets with all accessories(For	50.00	ft		
P77	Supply and installation of 200mm heavy duty Hot diped galvanized Cable Ladder clamps, and fixing brackets with all accessories(For ELV)	50.00	ft		
	MECHANICAL VENTILATION				
	Exhaust Fans				
	Note: All fans shall be complete with flexible connectors, hangers, mountings, vibration isolators, duct collars etc.				
P78	Supply and installation of duct mounted axial flow exhaust fan (EXF) with capacity of 400 CFM at 50Pa . Rate shall include for all fixtures and fittings required for complete fan installation.	3.00	nr		
P79	Supply and installation of ceiling mounted axial flow type exhaust fan capacity of 100CFM at 40Pa with in built backdraft shutter. Rate shall include for all fixtures and fittings required for complete for installation.	3.00	nr		
P80	Supply and installation of ceiling mounted axial flow type exhaust fan capacity of 100CFM at 40Pa. Rate shall include for all fixtures and fittings required for complete fan installation	2.00	nr		
	Sub Total carried over				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				
	Exhaust Air Louvers				
P81	Supply and installation of Weather Resistant Exhaust Air Louver with anti insect net. Rate shall include for all fixtures and fittings required for complete installation				
	400mm x 400mm (Face Size)	3.00	nr		
	MECHANICAL VENTILATION				
	Duct Work				
	Duct work for exhaust air system shall be low pressure duct class and stiffeners shall be used along the duct work. Rectangular ducting - Rates shall include fabricating installation and balancing of duct work including as per drawings and SMACNA standards. Sheet metal duct including seams, flanges, duct sealants, duct tapes, hangers flexible joints, inspection hatches with vapor barrier as per the specifications, threaded rods, angle iron cross bars, anti corrosive paint, etc.		note		
P82	Exhaust air ducting	430.00	ft ²		
	TRADE TOTAL CARRIED TO SUMMARY				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	R - EXTERNAL WORK				
	R EXIDAVIE WORK				
	The contractor is requested to refer 'GENERAL				
	PREAMBLE NOTES" prior to pricing these items.		Note		
	PAVING				
R1	Supply & Laying of 4"x4" 80mm or 60mm and strength 30N/mm2				
	concrete square type inter locking paving stone (exposed granite type)				
	in 10% dark & light shade of grey with soil compaction & 3"tk.				
	Quarry dust layer in ground area as per drawing.	20.00	sqr		
	TURFING				
R2	Supply and laying of Buffalo grass including 4" thick organic soil and 2" thick fibrils layer and watering to plant successfully. Rate to include for maintain and watering till one month after hand over the site. Rate to include transport within 5 km.	10.00	sqr		
R3	Construction of ground steps size 4' 0" x 1' 0" x0' 9" including necessar	rv.			
IV.J	form work and reinforcement(25 nr)	1.00	item		
	TRADE TOTAL CARRIED TO SUMMARY		1		
			+ +		
			1		
			+ +		
			1		
			+ +		
			1 1		
			1 1		
			+ +		
			+ +		
			† †		

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	S - LIGHTNING PROTECTION SYSTEM				
	ESE Air terminal should have remote system testing facility to ensure the performance of the unit & conforming that the installation is fully functional.		note		
	<u>Duval Messier (France)</u> , <u>Halite (France) Inderal</u> , <u>Eve International,INDELEC</u> , <u>DEHN or equivalent (Earth resistance should be less than 3 ohms)</u>		note		
S1	Supply, Installation and commission of lightning protection system (Early streamer Emission type) Complete with ESE type Air terminal, 25x3mm Cu tape for Down conductor, cu rods or cu plate for Earth electrodes, Test clamps & other accessories.	1	Item		
	Supply and Installation of Earth Electrode				
S2	Supply and installation of earth electrodes c/w the required accessories (earth resistance should be below 5 Ohms) and connect to MSB using 16sq.mm Earth cable.	1	Item		
	TRADE TOTAL CARRIED TO SUMMARY				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	T - FIRE PROTECTION SYSTEM				
	Fig. F. (c) P. 1				
	Fire Exit Sign Boards				
T1	Supply and installation of a ceiling mounted maintained type Exit Sign Luminaire with pictogram on single side and 8W fluorescent tube comprising Ni-Cd battery for two-hour duration complete with necessary fixing materials.	1.00	nr		
T2	Supply and installation of a ceiling mounted maintained type Exit Sign Luminaire with pictogram on both side and 8W fluorescent tube comprising Ni-Cd battery for two-hour duration complete with necessary fixing materials.	8.00	nr		
	Fire Protection System				
	Note:				
	For the full description of scope, materials and workmanship refer Technical Specification				
	All materials, equipments, wiring and workmanship shall confirm to local codes of specifications, B.S Standards and local authority				
	Contractor shall investigate the site conditions before submitting the				
	All the pipe supports/ brackets shall be hot dipped galvanized from a				
	reputed company.				
	Portable Fire Extinguishers				
Т3	2 Kg CO2 portable fire extinguisher fully charged complete with metal bracket fixed on to the wall at the location shown in the drawings / keep in the Fire Hose Reel Cabinet at the each floor.	10.00	nr		
T4	9 Litre water/CO2 portable fire extinguisher fully charged complete with metal bracket fixed on to wall at the locations shown in the drawings / keep in the Fire Hose Reel Cabinet at the each floor	9.00	nr		
T5	6 kg ABC dry powder portable fire extinguisher fully charged complete with metal bracket fixed on to wall at the locations shown in the drawings.	13.00	nr		
Т6	5 Kg CO2 portable fire extinguisher fully charged complete with metal bracket fixed on to the wall at the location shown in the drawings / keep in the Fire Hose Reel Cabinet at the each floor.	1.00	nr		
T7	50 kg Foam portable fire extinguisher with trolley at the locations shown in the drawings.	1.00	nr		
	TRADE TOTAL CARRIED TO SUMMARY				

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	U - PROVISIONAL SUM				
1					
I	U.1 - FURNITUR & FURNISHING				
U1.1.	Auditorium Chairs Type CH2				
	Auditorium Chair with hand rest and powder				
	coated steel frame work with two legs. The seat to				
	to be folderble with form and hardwaring				
	fabric (Alabama or equlant) as per the imege given.	Pro.Sum			5,000,000.00
	given.	F10.Sulli			3,000,000.00
U1.2.	Dining Table Type T1				
	Six Seater Dining Table with Veneer board				
	board table top and hard wood timber				
	frame work size 3'0"x6'6" as per the image T1.	Pro.Sum			270,000.00
	image 11.				
U1.3.	Dining Chair Type CH1		+ +		
	Powder coated metal chair with ledther seat as		1		
	per the image CH1.				
	(Model no. TSC54 Damro or equ:)	Pro.Sum	+ +		450,000.00
			1		
III /	VIP Room Furnitures for 03 bed rooms				
01.4.	a) Tripale Bed Type B1				
U1.4.1					
	Triple bed size 6'x6' with made out of timber and laminated board as per the		+ +		
	image B1 including Mettres and two				
	pillows.				
	(Model no. KBO3 - Damro or equ:)				
	Price Rs. 36,275.00				
	(Spring Mattress - Damro or equ:)	Pro.Sum			690,000.00
	Price Rs. 53,275.00				
U1.4.2	b) Bed Side Cupboards Type BC1				
	Bed side cupbords made out of Veneer board				
	with two drawers, handles etc as per the				
	image BC1				
	(Model no. KCO 2 - Damro or equ:)				
	Price Rs. 8,175.00				
	Sub Total carried over				6,410,000.00

	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				6,410,000.00
	Sub Total brought for ward				0,110,000.00
U1.4.3	c) Dressing Table Type DT1 & Stool Type CH3				
	Dressing table size 2'x4' made out of timber veneer board, two drawers with a mirror along with the stool size 1'6"x1'3" as per the image DT1 & CH3.				
	(Model no. KDO 001 - Damro or equ:) Price Rs. 36,475.00 Stool - Price Rs. 3,475.00				
U1.4.4	d) Cupboard Type C1				
	Laminated board cupboard with two drawers, hanging bar etc as per the image C1.				
	(Model no. KWO 2 - Damro or equ:) Price Rs. 44,675.00				
U1.4.5	e) Chair Type S1				
	Chair size 2'6" x 2'6" all coverd Leather form line with timber legs easy chair as per the image S1.				
	(Model . SABINA -Damro or equ.) Price Rs.16,575.00				
111 4 6	f) Timber Stool Type ST1				
	2'x2'x10" timber stool made out of timber and laminated board as per image ST1. Prime cost Rs. 15,375.00				
	Prime cost Rs. 15,375.00				
	Sub Total carried over				6,410,000.00

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				6,410,000.00
	Sub-10th prought to the u				0,410,000.00
U1.5.	Guest Room Furniture (For 2 Rooms)	Pro.Sum			390,695.00
U1.5.1	Single Bed Type B2				
	Single bed made out of timber and laminated				
	board with bed head, mettres size 3' x6"				
	and pillow as per image B2.				
	(Model no. KBP 021 - Damro or equ:)				
	Price Rs. 18,475.00 (Spring Mattress - Damro or equ:)				
	(Spring Mattress - Damro or equ:) Price Rs. 35,275.00				
	1 1100 Rd. 335273.00				
U1.5.2	Bed side Cupboard type BC2				
r	Bed side cupboard made out of laminated				
	board one drawer as per image BC2.				
	(Model - YELENA Damro or equ:)				
	Price Rs. 3,490.00				
	11100 1101 05,19 0100				
U1.5.3	Dressing Table Type DT1 & Stool Type CH3				
	Dressing table size 2'x4' made out of timber veneer board,				
	two drawers with a mirror along with the				
	stool size 1'6"x1'3" as per the image DT1 & CH3.				
	DIT & CHS.				
	(Model no. KDO 001 - Damro or equ:)				
	Price Rs. 36,475.00				
	Stool - Price Rs. 3,475.00				
U1.5.4	Chair Type S1				
01.3.4	7.7				
	Chair size 2'6" x 2'6" all coverd Leather form				
	line with timber legs easy chair as per the				
	image S1.				
	OK 11 IGADRIAID				
	(Model - 'SABINA' Damro or equ:) Price Rs.16,575.00				
	Trice RS.10,575.00				
U1.5.6	Cupboard Type C1				
	Laminated board cupboard with two drawers,				
	hanging bar etc made out of veneer board as per the image C1.				
	as per the image C1.				
	(Model no. KWO 2 - Damro or equ:)				
	Price Rs. 44,675.00				
	Sub Total carried over				6,800,695.00

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				6,800,695.00
U1.6.	Drivers Room Furniture (For 2 Rooms)	Pro.Sum			140,000.00
U1.6.1	Bunk Bed Type B3				
	Bunk bed made out of hollow steel section and steel rods size 3'x6' with bed head and two mettress as per image B3. Price Rs. 20,000.00 Mattress - Price Rs. 8,500.00				
U1.6.2	Chair Type CH5				
	Plastic chair with two hand rest as per image CH5. (Model no. DRWA002 Damro or equ:) Price Rs. 3,560.00				
U1.6.3	Steel Cupboard Type C2				
	Powder coated steel cup board size 1'6" x 4' x 4' with two doors, drawers as per image C2. Price Rs. 13,275.00 (Damro or equ:)				
111.7	Wslave Dark Dares				
U1.7.	Workers Rest Room				
U1.7.1	Bunk Bed Type B3	Pro.Sum			55,000.00
	Bunk bed made out of hollow steel section and steel rods size 3'x6' with bed head and two mettress as per image B3. Price Rs. 20,000.00 Mattress -Price Rs. 8,500.00				
III 7 2	Chair Type CH5				
01.7.2	Plastic chair with two hand rest as per image CH5. (Model no. DRWA002 Damro or equ:) Price Rs. 3,560.00				
	Sub Total carried over				6,995,695.00

ITEM	DESCRIPTION	OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total buought forward					(005 (05 00
111 7 3	Sub Total brought forward Steel Cupboard Type C2					6,995,695.00
01.7.3	Steer Cupocara Type C2					
	Powder coat	ed steel cup board size				
	1'6" x 4' x 4'	with two doors, drawers	Ţ			
	as per image	C2.				
	Price Rs.	13,275.00 (Damro or equ:)				
111.8	Reception Counter with Chair					
01.0.	reception counter with chair					
	a) Reception Counter Type RT1					
	Reception coun	ter made out of laminated				
		frame size 5'x 3'x6' with the				
		boboard on one side.				
		de visitors armrest panell				
	on top as per in	age RT1.				
	(Model no	ARP001S Damro or equ:)				
		Rs. 41,775.00				
	Trice	15. 41,773.00				
	a) Chair for Reception Counter Type	RC1				
		vith castors adgestable seat,				
		c seat and back panell as per				
	image RC1.					
	Price I	Rs. 13,275.00 (Damro or equ:)	Pro.Sum			56,000.00
		(Buillo of Equ.)	110.5um			50,000.00
U1.9.	Lobbies					
U1.9.1	Lobby Seats Type S2					
		de out of timber frame,				
	thick form line	with heavy duty fabric, ither side as per image S2 .				
	two armrest on	tiner side as per image \$2.				
	(Model no. OC	3 010 Damro or Equ:) 2 Nr.				
	Price Rs. 12,7					
			Pro.Sum			108,000.00
		B 009 Damro or Equ: 1 Nr.				
	Price Rs. 9,77	5.00				
		_				
				1		
	Sub Total carried over					7,159,695.00

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	Sub Total brought forward				7,159,695.00
U1.10.	Dressing Room Furniture (For 2 Rooms)	Pro.Sum			114,000.00
U1.10.1	Dressing Table Type DT1 & Stool Type CH3 Dressing table size 2'x4' made out of timber veneer board, two drawers with a mirror along with the stool size 1'6"x1'3" as per the image				
	DT1 & CH3. (Model no. KDO 001 - Damro or equ:)				
	Price Rs. 36,475.00 Stool - Price Rs. 3,475.00				
U1.10.2	Steel Cupboard Type C2				
	Powder coated steel cup board size				
	1'6" x 4' x 4' with two doors, drawers as per image C2.				
	Price Rs. 13,275.00 (Damro or equ:)				
	The fairless (Sume of equi)				
U1.10.3	Chair Type CH5				
	Plastic chair with two hand rest as per				
	image CH5.				
	(Model no. DRWA002 Damro or equ:) Price Rs. 3,560.00				
	TRADE TOTAL CARRIED TO SUMMARY				7,273,695.00
	U.2 - CURTAINS		1		
	U.Z - CURTAINS				
U.2.1	Supply and install Curtains for Stage and windowos	Pro.Sum			2,000,000.00
	TRADE TOTAL CARRIED TO SUMMARY				2,000,000.00
	U.3 - SOUND SYSTEM & LIGHTING				
U.3.1	Supply and Install digital speakers with sarounding pipe musical				
	and heave baparing system, 16 chanel mixure and wirles				
	microphones system.	Pro.Sum			2,000,000.00
	TRADE TOTAL CARRIED TO SUMMARY				2,000,000.00

ITEM	DESCRIPTION OF WORK	QTY	UNIT	RATE	AMOUNT
	U.4 - AIR CONDITIONER				
	U.4 - AIR CONDITIONER				
U.4.1	Supply and Install approved brand 24000BTU Air Conditione	r			
	units as per the drawing.	Pro.Sum			1,500,000.00
	TRADE TOTAL CARRIED TO SUMMARY				1,500,000.00
	U.5 - KITCHEN UTILITIES	Pro.Sum			1,500,000.00
					1,200,000.00
	Buffet set - 10 Ltr 03 pcs				
	- 7 Ltr 03 pcs				
	- 5 Ltr 03 pcs				
	- 3 Ltr 03 pcs High Pressure Gas Cocker - 4 Burner - 03 Nr.				
	High Pressure Gas Cocker - 4 Burner - 03 Nr 30x16 - 04 Nr.				
	Sauce Pan - 28 x 16 - 03 pcs.				
	- 26 x 14 - 03 pcs.				
	- 24 x 14 - 03 pcs.				
	- 20 x 12 - 03 pcs.				
	Plate porcelain - 300 pcs.				
	Glass Tumbler - 200 pcs.				
	Silver Tumbler - 200 pcs.				
	Silver Plate - 300 pcs.				
	Ice cream Cup & Spoon - 200 pcs.				
	Rice Drum Set - 02 Nr.				
	Industrial Grinder (Stone) - 02 Nr.				
	Cake Tray Aluminum - 04 Nr. Silver Gug -2 Ltr - 06 Nr.				
	Frying Pan (Thachi) - Small - 12 Nr.				
	Frying Pan (Thachi) - Shaii - 12 Nr. Frying Pan (Thachi) - Medium - 03 Nr.				
	Frying Pan (Thachi) - Large - 03 Nr.				
	Silver Bucket - 03 Nr.				
	Coconut Scraper (Electric) - 02 Nr.				
	Blender (Mixer) - 02 Nr.				
	Silver Kettle - 5 Ltr 02 Nr.				
	Boiler - Large - 01 Nr.				
	Boiler - Medium - 01 Nr.				
	Buffet Spoon - 20 Nr.				
	Aluminum Stainer - Large - 02 Nr.				
	Aluminum Stainer - Medium - 02 Nr.				
	Stainer Spoon - Large - 02 Nr.				
	Stainer Spoon - Medium - 02 Nr.				
	Rice Spoon - 06 Nr.				
	TRADE TOTAL CARRIED TO SUMMARY				1 500 000 00
	TRADE TOTAL CARRIED TO SUMMARY				1,500,000.00

SUMMA	ARY OF PROVISION	AL SUM			
U.1 - FU	RNITUR & FURNISI	HING			7,273,6
U.2 - CU	IRTAINS				2,000,0
 U.3- SO	UND SYSTEM & LIG	HTING			2,000,0
	R CONDITIONER				1,500,0
	TCHEN UTILITIES				1,500,0
0.5 - KI	ICHEN UTILITIES				1,300,0
SUMMA	ARY OF PROVISION	AL SUM			14,273,6

SUMMARY

Description	Amount (Rs.
A - PRELIMINARIES	
B - EXCAVATOR	
C - CONCRETOR	
D - MASONRY WORK	
E - BRICK WORK	
F - METAL WORKS	
G - CARPENTRY AND JOINARY	
H- ROOF AND ROOF PLUMBING	
J -STRUCTURAL STEEL	
K - PLUMBING WORK	
L - FLOOR WALL AND CEILING FINISHES	
M - PAINTING	
N- WATER PROOFING	
P - ELECTRICAL INSTALATION	
R - EXTERNAL WORK	
S - LIGHTNING PROTECTION SYSTEM	
T - FIRE PROTECTION SYSTEM	
U - PROVISIONAL SUM	14,273,695.00
TOTAL COST	

V.1 - DAY WORK SCHEDULE - LABOUR

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT
NO					(Rs.)
1	Skilled Workman (Masons / Carpenters / Bar	Day	10		
	Benders etc.)				
2	Skilled Workman (Electrician / Mechanic /	Day	10		
	Plumber etc.)	2.0	10		
			1.0		
3	Semi – Skilled Workman (Pump Attendant /	Day	10		
	Vibrator Operator / Gen –Set Operator etc.)				
4	Semi – Skilled Workman (Asst. Mason /Asst.	Day	10		
	Carpenter / Asst. Bar Bender etc.)				
5	Unskilled Workman	Day	10		
6	Truck Driver / Tractor Operator	Day	10		
7	Light Vehicle Driver / Farm Tractor Trailer				
,	Driver	Day	10		
		Ž			
	Allow % as Contractor's Profit and				
	Overheads.				
	TOTAL (Carried to summary – Item V)				
	1 (

V.2- DAY WORK SCHEDULE - MATERIALS

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT
NO				, ,	(Rs.)
1	Ordinary Portland Cement	Bags	10.00		
2	Mild Steel Reinforcing Bars	ton	0.25		
3	Deformed / Ribbed / Tor Steel Reinforcing Bars	ton	0.25		
4	Structural Mild Steel Sections (Angels/ Channels)	ton	0.25		
5	Concrete Aggregate -20mm graded	m³	1.00		
6	Concrete Aggregate – 35mm graded	m ³	1.00		
7	Concrete Fine Aggregate – River Sand	m³	1.00		
8	Burnt Clay Bricks – Standard Size	No	500		
9	Rubble /Broken Stone – 150mm to 225mm Size	m ³	5.00		
10	5mm Thick Clear Float Glass	m ²	5.00		
11	Emulsion Paints	Ltr	15.00		
12	Enamel Paints	Ltr	15.00		
13	Anti Corrosive Paint	Ltr	5.00		
14	MDF board (1" and 3/4" thk)	nr	10.00		
15	Toughen Glass (8mm,12mm thk)	m ²	10.00		
16	Gypsum board (12mm thk)	nr	5.00		
17	3' x 6' polished tile	nr	5.00		
18	Flame finish Granite	nr	5.00		
19	Mineral fiber board	nr	5.00		
	Allow % as Contractor's Profit and Overheads.				
	TOTAL (Carried to summary – Item V)				

V.3- DAY WORK SCHEDULE - PLANTS

ITEM	DESCRIPTION	UNIT	QTY	RATE (Rs.)	AMOUNT
NO		OTAL	Q11	Terre (Tess)	(Rs.)
NO					
1	3 Ton Truck with Driver with Fuel and Lubricants	8 hour day	0.50		
2	Farm Tractor /Trailer with Operator with fuel and Lubricants	8 hour day	0.50		
3	Wheel Tractor with front end half cubic meter power shovel or back hoe/ tractor half cubic meter bucket with Operator, Fuel and Lubricants complete		0.50		
4	Concrete Mixer (state capacity) with Operator with Fuel and Lubricants	8 hour day	0.50		
5	Porker Vibrator – 50mm Size – with Operator only	8 hour day	0.50		
6	Poker Vibrator – 35mm Size – with Operator only	8 hour day	0.50		
7	Standby Generator Set (state capacity) with Operator only	8 hour day	0.50		
8	2 Ton Vibratory Roller with Operator, Fuel and Lubricants	8 hour day	0.50		
	Allow % as Contractor's Profit and				
	Overheads.				
	TOTAL (Carried to summary – Item V)				
	(

SU	JMMARY - V		
V.	1 - DAY WORK - LABOUR		
V.	2 - DAY WORK - MATERIALS		
V.	3 - DAY WORK - PLANTS		
7=7-	DADE TOTAL CARRIED TO CURRENTY		
	RADE TOTAL CARRIED TO SUMMARY		
-			
-			
+			
-			
+			
-			
1			
+			
+			

MAIN SUMMARY		
A - PRELIMINARIES	Rs.	
B - EXCAVATOR	Rs.	
C - CONCRETOR	Rs.	
D - MASONRY WORK	Rs.	
E - BRICK WORK	Rs.	
F - METAL WORKS	Rs.	
G - CARPENTRY AND JOINARY	Rs.	
H - ROOF AND ROOF PLUMBING	Rs.	
J -STRUCTURAL STEEL	Rs.	
K - PLUMBING WORK	Rs.	
L - FLOOR WALL AND CEILING FINISHES	Rs.	
M - PAINTING	Rs.	
N- WATER PROOFING	Rs.	
P - ELECTRICAL INSTALLATION	Rs.	
R - EXTERNAL WORK	Rs.	
S - LIGHTNING PROTECTION SYSTEM	Rs.	
T - FIRE PROTECTION SYSTEM	Rs.	
U - PROVISIONAL SUM		
V - DAY WORKS	Rs.	
SUB TOTAL - 01		
Ddt - Preliminaries and Provisional Sum		
SUB TOTAL - 02		
Ddt - Discount (if any)		
SUB TOTAL - 03		
Add - Preliminaries and Provisional Sums		
SUB TOTAL - 04		
5% OF CONTINGENSIS	Rs.	
GRAND TOTAL Carried to form of bid	Rs.	
(EXCLUDING VAT)		
15% VAT	Rs.	
TOTAL WITH VAT	Rs.	

Bid Amount (excluding VAT) in words: Sri Lanka Rupees.	
Bid Tilloulit (excluding VTT) in words. 511 Lanka Rupees.	
Name of Bidder	
Address	
Address	
Signature and seal:	
Witnesses:-	
Withesses	
1 Signature:	
1. Signature:	
1. Signature:	