

AL-FAISAL SCHOOL - LIVERPOOL

PRIMARY & SECONDARY SCHOOL MASTERPLAN
- R3

AL-FAISAL SCHOOL - LIVERPOOL

AL-FAISAL COLLEGE, LIVERPOOL - MASTERPLAN - R3

COPIED FROM AL-FAISAL COLLEGE, LIVERPOOL -

Estimate Summary

Code	Description	Quantity	Unit	Rate	Total
	AL FAISAL COLLEGE, LIVERPOOL				
	PRIMARY & SECONDARY SCHOOL				
	MASTERPLAN ESTIMATE - R3				
	29 SEPTEMBER 2020				
	Information Relied Upon				0
	Assumptions & Exclusions				0
	<u>Stage 1 - Primary School (Multi-Purpose Hall and Parking)</u>				
1/A	New Basement Car Park - Works Currently being undertaken	1	item		Excluded
1/B	New Multi-Purpose Hall - Works Currently being undertaken	1	item		Excluded
	<u>Stage 2 - Primary School HUB</u>				
1/C	Refurbishment & extension of HUB Building	1	item		Excluded
	<u>Stage 3 - Secondary School (HUB North)</u>				
	Demolition				178,500
	Temporary Works & Site Preparation				512,732
	Site Infrastructure Services				464,100
	Environmental Works				690,260
1/D	Building Works	10,815	m2	3,691.96	39,928,541
	Demountables				34,153
	External Works				1,896,578
	Road Works - Gurner (half road)				860,695
	<u>Stage 3 Sub-Total</u>				<u>44,565,559</u>
	<u>Stage 4 - Primary School (Kindergarden)</u>				
1/E	Cost to Build half Road on School Side - Say 8m Wide	3,200	m2	536	1,714,846
	Demolition				95,200
	Temporary Works & Site Preparation				722,599
	Site Infrastructure Services				1,785,000
1/F	Basement Car Park Extension	1,750	m2	739	1,292,718
	Basement Car Park Lid				937,125
1/G	Building Works	2,590	m2	3,774.65	9,776,348
	External Works				937,860
	<u>Stage 4 Sub-Total</u>				<u>17,261,696</u>
	<u>Stage 5 - Secondary School (HUB South)</u>				
	Temporary Works & Site Preparation				220,831

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Code	Description	Quantity	Unit	Rate	Total
2/A	Site Infrastructure Services				95,200
	Building Works	8,749	m2	3,787.51	33,136,906
	External Works				523,374
	Road Works – East Ave – Works excluded as instructed				Excluded
	<u>Stage 5 Sub-Total</u>				<u>33,976,312</u>
2/B	<u>Stage 6 – Primary School (Main Demolition and Stage 6)</u>				
	Demolition				452,897
	Temporary Works & Site Preparation				804,777
	Site Infrastructure Services				963,900
	Building Works	10,729	m2	3,654.92	39,213,603
2/C	External Works				3,938,773
	<u>Stage 6 Sub-Total</u>				<u>45,373,950</u>
	<u>Stage 7 – Primary School (Years 1 & 2)</u>				
	Demolition				167,059
	Temporary Works & Site Preparation				209,502
2/D	Site Infrastructure Services				202,300
	Building Works	5,782	m2	3,401.25	19,666,003
	External Works				3,059,354
	<u>Stage 7 Sub-Total</u>				<u>23,304,218</u>
	<u>Stage 8 – Secondary School (Multi-Purpose Hall South, Football field and Service Road)</u>				
2/E	Demolition				17,731
	Temporary Works & Site Preparation				1,915,441
	Site Infrastructure Services				368,900
	Building Works	6,631	m2	3,974.64	26,355,860
	External Works				3,357,288
2/F	Road Works – West Ave (half road)	3,200	m2	801	2,562,316
2/G	Road Works – South Ave (half road)	800	m2	501	400,560
	<u>Stage 8 Sub-Total</u>				<u>34,978,095</u>
	<u>Stage 9 – Primary School (Multi-Purpose Hall & Service Road)</u>				
	Temporary Works & Site Preparation				207,444
	Site Infrastructure Services				282,625
2/H	Building Works	1,254	m2	4,297.37	5,388,902
	External Works				848,145

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Code	Description	Quantity	Unit	Rate	Total
	Service Road (half road)				280,910
	<u>Stage 9 Sub-Total</u>				<u>7,008,026</u>
	<u>Stage 10 – Secondary School (T&L and Basement)</u>				
	Demolition				89,250
	Temporary Works & Site Preparation				1,751,529
	Site Infrastructure Services				934,183
3/A	Basement Car Park	4,732	m2	708	3,352,037
	Basement Car Park Lid				2,157,521
3/B	Building Works	5,133	m2	3,629.14	18,628,399
	External Works				1,929,434
	<u>Stage 10 Sub-Total</u>				<u>28,842,353</u>
	<u>Stage 11 – Secondary School (Multi-Purpose Hall – Adjacent Site)</u>				
	Demolition				71,400
	Temporary Works & Site Preparation				2,597,160
	Site Infrastructure Services				708,050
3/C	Basement Car Park	7,563	m2	652	4,929,337
	Basement Car Park Lid				2,823,930
3/D	Building Works	2,335	m2	3,994.27	9,326,611
	External Works				2,031,881
	<u>Stage 11 Sub-Total</u>				<u>22,488,369</u>
3/E	<u>Construct Only Cost Sub-Total:</u>	68,063	m2	3,787.66	<u>257,798,578</u>
	<u>CONSULTANTS FEES</u>				
3/F	PM, QS, Consultant Fees, Insurances incl Disbursements	10.0	%	2,577,986	25,779,858
3/G	Authority Fees	1.0	%	2,577,986	2,577,986
	<u>Sub-Total:</u>				<u>286,156,422</u>
	<u>DEPARTMENT COSTS</u>				
	Al-Faisal School Office Costs (Internal Management Costs)				Excluded
	<u>Sub-Total:</u>				<u>286,156,422</u>
	<u>FURNITURE & EQUIPMENT</u>				
	Loose FF&E, ICT & Decanting				10,308,000
	Miscellaneous Equipment Allowance				500,000
	<u>Sub-Total:</u>				<u>296,964,422</u>
	<u>PROJECT CONTINGENCIES</u>				

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Code	Description	Quantity	Unit	Rate	Total
4/A	Design Development Contingency	5.0	%	2,969,644	14,848,221
4/B	Construction / Project Contingency	5.0	%	2,969,644	14,848,221
4/C	Programme Contingency	2.5	%	2,969,644	7,424,111
	<u>Sub-Total:</u>				<u>334,084,974</u>
	<u>ESCALATION</u>				
	Escalation				Excluded
	Rounding				-84,974
5/A	<u>TOTAL PROJECT COST</u>	68,063	m2	4,907.23	<u>334,000,000</u>
	TOTAL COST				334,000,000

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Information Relied Upon</u>				
	2891 Client Presentation Package				
	2891 Staging Analysis (19.05.20)				
	2891 Staging Plans (19.08.20)				
	2891_Prim_Sch_Masterplan_SSDA-DRAFT				
	2891_Primary_School_Gurner Block				
	2891_Primary_School_Junior				
	2891_Primary_School_Senior_Buildings				
	2891-01-Secondary School Masterplan				
	19E51 - CIVIL - WEST AVE - LONG SECTION OPTION 1				
	19E51 - CIVIL - WEST AVE - PLAN OPTION 1				
	Engineering siteworks Plan - Sheet 1,2,4				
	P20495 - PS - G - 001				
	P20495 - SS - G - 001-2				

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Assumptions & Exclusions</u>				
	<u>Assumptions</u>				
	Assumed that new facility will have airconditioning to learning areas	Note			
	Allowance made for Facade efficiency to all building	Note			
	Rippable rock excavation assume not required	Note			
	GSW removal assume not required	Note			
	RSW removal assumed at Nil	Note			
	<u>Exclusions</u>				
	Escalation	Note			
	Sect73 Headworks Fees	Note			
	EA Contributions	Note			
	Allow for other sundry services diversions (Assume not required)	Note			
	Land costs, site acquisition and legal fees	Note			
	Holding costs and interest charges	Note			
	GST	Note			

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Demolition</u>				
7/A	Demolition of existing house/sheds etc – Including houses on battle axe block	1	item	150,000.00	150,000
7/B	<u>Sub-total:</u>		m2		<u>150,000</u>
7/C	Contractor Prelims & Margins	19	%	1,500	28,500
	Total - Demolition				178,500

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Temporary Works & Site Preparation</u>				
	<u>Temporary Works</u>				
8/A	Allowance for fencing	1,019	m	65.00	66,235
8/B	Allowance to make good construction site access on completion	1	Item	10,000.00	10,000
	<u>Site Preparation</u>				
8/C	Stip topsoil and stockpile on site	9,062	m2	3.00	27,185
8/D	Allowance to excavate to reduce levels and stockpile on site	8,156	m3	18.00	146,800
8/E	EXTRA for rippable rock excavation (Assume not required)	0	m3	40.00	Excluded
8/F	EXTRA for GSW removal – Assume 5%	816	t	172.00	140,275
8/G	EXTRA for RSW removal (Assumed no asbestos contamination – TBC)	0	t	0.00	Excluded
8/H	Allowance for tree removal	1	item	15,000.00	15,000
8/J	Trim & compact across site	9,062	m2	2.80	25,373
8/K	<u>Sub-total:</u>		m2		<u>430,867</u>
9/A	Contractor Prelims & Margins	19	%	4,309	81,865
	Total - Temporary Works & Site Preparation				512,732

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Site Infrastructure Services</u>				
	<u>Services Diversions</u>				
9/B	Allow for other sundry services diversions (Assume not required)		Item		Excluded
	<u>Electrical Services</u>				
9/C	EA Contributions (EXCLUDED)		Item		Excluded
9/D	Allowance for HV reticulation to new padmount transformer (Provisional Quantity)	100	m	1,500.00	150,000
9/E	Allowance for draw-pits	1	No	15,000.00	15,000
9/F	Assumed no requirement for HV ring main (EXCLUDED)		Item		Excluded
9/G	HV transformer – say 1 x 1000kW	1	No	80,000.00	80,000
9/H	HV feeder	1	Item	35,000.00	35,000
9/J	Design approval fees	1	Item	25,000.00	25,000
9/K	Sundry builders work	1	Item	10,000.00	10,000
	<u>Water & Sewer Services</u>				
9/L	Sect73 Headworks Fees (EXCLUDED)	1	Item		Excluded
9/M	Water mains connection	1	Item	15,000.00	15,000
9/N	Sewer mains connection	1	Item	25,000.00	25,000
9/P	Hydrant ring main & stand pipes	0	Item	70,000.00	Excluded
9/Q	Extra for booster assembly	0	No	45,000.00	Excluded
9/R	Allow for water storage tanks for fire services (assumed not required)	1	Item		Excluded
9/S	Sundry bwic	1	Item	5,000.00	5,000
	<u>Gas Services</u>				
9/T	Allowance for bottled gas infrastructure – Assuming no gas mains	1	Item	5,000.00	5,000
	<u>Stormwater Services</u>				
9/U	Allowance for stormwater connections to new stormwater infrastructure	1	Item	25,000.00	25,000
	<u>Sub-total:</u>				<u>390,000</u>
10/A	Contractor Prelims & Margins	19	%	3,900	74,100
	Total - Site Infrastructure Services				464,100

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Environmental Works</u>				
10/B	Allow for GPT or similar complete (e.g. CDS Model 2018)	1	No	200,000.00	200,000
10/C	Allowance for 3m wide grassed Swales	100	m	30.00	3,000
10/D	Allowance for Bioretention Basin – Assumed not required	1	item		Excluded
10/E	Allowance for Rock Headwall and RIPRAP	1	No	372,050.00	372,050
10/F	Allowance for Trash Screens at end of Swale	1	no	5,000.00	5,000
	<u>Sub-total:</u>				<u>580,050</u>
11/A	Contractor Prelims & Margins	19	%	5,801	110,210
	Total - Environmental Works				690,260

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Building Works</u>				
	<u>Structural Requirements</u>				
11/B	Allowance for Footings to new build area	2,695	m2	130.00	350,350
11/C	Allowance for footings to "Atrium" areas where suspended slabs are to be constructed	1,480	m2	130.00	192,409
11/D	EXTRA for Piles/Piers (Excluded – TBC)	4,175	m2		Excluded
11/E	Allowance for GF columns to support suspended slab above outside GF building line	1,480	m2	55.00	81,404
11/F	Allowance for columns to suspended slabs to mitigate creating Cantilevers		m2		Included
	<u>Ground Floor</u>				
11/G	GF – GLA	129	m2	2,500.00	323,100
11/H	GF – Library	593	m2	3,800.00	2,252,564
11/J	GF – Lecture	487	m2	4,000.00	1,949,080
11/K	GF – Amenities	74	m2	5,500.00	408,210
11/L	Circulation	416	m2	2,200.00	915,200
11/M	Allowance to build part of GF Stage 2 building as Cold Shell	995	m2	1,500.00	1,492,500
11/N	Sub-Total	2,695	m2	2,724.30	7,340,654
	<u>Level 1</u>				
11/P	L1 – Amenities	57	m2	5,500.00	313,610
11/Q	L1 – GLA	273	m2	2,500.00	681,825
11/R	L1 – Open GLA	126	m2	2,350.00	297,228
11/S	L1 – Roof Terrace	270	m2	650.00	175,650
11/T	L1 – Science	325	m2	3,750.00	1,219,950
11/U	L1 – Staff	731	m2	2,650.00	1,936,541
11/V	Circulation	1,068	m2	2,200.00	2,349,600
11/W	Sub-Total	2,851	m2	2,446.69	6,974,403
	<u>Level 2</u>				
11/X	L2 – GLA	731	m2	2,500.00	1,826,375
11/Y	L2 – Science	358	m2	3,750.00	1,342,125
11/Z	L2 – Staff	11	m2	2,650.00	28,594
11/AA	L2 – Stage	47	m2	4,000.00	188,640
11/AB	L2 – Store	95	m2	2,000.00	190,960
11/AC	L2 – Tech Workshop	231	m2	4,000.00	925,680
11/AD	L2 – Amenities	10	m2	5,500.00	52,415
11/AE	Circulation	1,067	m2	2,200.00	2,347,400
11/AF	Sub-total:	2,550	m2	2,706.92	6,902,189
	<u>Level 3</u>				
11/AG	L3 – GLA	516	m2	2,500.00	1,289,000
11/AH	L3 – Science	335	m2	3,750.00	1,255,125

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Code	Description	Quantity	Unit	Rate	Total
12/A	L3 – Staff	243	m2	2,650.00	644,268
12/B	L3 – Store	95	m2	2,000.00	189,600
12/C	L3 – Tech	229	m2	4,000.00	916,280
12/D	L3 – Amenities	10	m2	5,500.00	55,165
12/E	Circulation	1,123	m2	2,200.00	2,470,600
12/F	Sub-total:	2,550	m2	2,674.19	6,820,038
	<u>Roof</u>				
12/G	Roof Slab – For Plant	2,550	m2	330.00	841,500
12/H	Parapet Wall – Assume 80% overall perimeter	208	m2	450.00	93,472
12/J	Allowance for lift overrun and fire stair	1	item	50,000.00	50,000
	<u>Other Building Works</u>				
12/K	Additional circulation space	170	m2	2,200.00	374,000
12/L	EXTRA for facade efficiency	3,738	m2	134.00	500,905
12/M	EXTRA for Kitchen Exhaust – Not required as this stage	0	item	60,000.00	Excluded
12/N	Allow for sunshading / facade treatment @ 75% (NCC 2019 – ESD Req)	2,804	m2	150.00	420,536
12/P	EXTRA for A/C – To teaching spaces only	4,207	m2	380.00	1,598,500
12/Q	EXTRA for A/C – Tempered Air – To remainder of Building	6,609	m2	120.00	793,036
12/R	EXTRA for fire rating to top level (Assumed not required, roof slab to top level)	0	m2		Excluded
12/S	Allow for lift & shaft to serve 4 x floors	1	No	220,000	220,000
12/T	Sub-total:	10,815	m2	3,102.43	33,553,396
12/U	Contractor Prelims & Margins	19	%	335,534	6,375,145
13/A	Sub-total:	10,815	m2	3,691.89	39,928,541
	Total - Building Works				39,928,541

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Demountables</u>				
13/B	Allowance for new Demountable – Assume 4 x module	1	item	15,000.00	15,000
13/C	Allowance to deliver demountable to site	4	no		Included
13/D	Allowance for footings and infrastructure connections for demountable	1	item	3,500.00	3,500
13/E	Allowance for infrastructure connections for demountable	1	item	5,000.00	5,000
13/F	Allowance for installation of demountable using crane	1	item	5,200.00	5,200
	<u>Sub-total:</u>				<u>28,700</u>
13/G	Contractor Prelims & Margins	19	%	287.00	5,453
	<u>Total</u>				<u>34,153</u>
	Total - Demountables				34,153

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>External Works</u>				
	<u>External Works</u>				
14/A	Main entry feature	1	Item	15,000.00	15,000
14/B	Paved area/walkways	3,358	m2	250.00	839,528
14/C	Other Paved Areas	625	m2	150.00	93,684
14/D	External Stairs	139	m	550.00	76,362
14/E	Landcaping/Planters	588	m2	120.00	70,508
14/F	Allowance for trees	17	no	1,500.00	25,500
14/G	External works allowance to remaining areas – msd overall – includes sundry retaining walls, signage, landscaping, stairs, pathways, covered ways, lighting etc	588	m2	90.00	52,881
14/H	Allowance for new Fencing to entire secondary school site – Palisade fence	362	m	450.00	162,900
14/J	Allowance for new Fencing to entire secondary school site	816	m	150.00	122,400
14/K	On-Grade Car park – 60 Spots	1,500	m2	90.00	135,000
	<u>Sub-total:</u>				<u>1,593,763</u>
15/A	Contractor Prelims & Margins	19	%	15,938	302,815
	Total - External Works				1,896,578

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Code	Description	Quantity	Unit	Rate	Total
	<u>Road Works - Gurner (half road)</u>				
15/B	Allowance to excavate for new road to reduce levels and stockpile on site	1,600	m3	18.00	28,800
15/C	Allowance to excavate to batter and stockpile	700	m3	18.00	12,600
15/D	EXTRA for rippable rock excavation (Assume not required)	0	m3	40.00	Excluded
15/E	EXTRA for GSW removal – Assume 10%	460	t	240.00	110,400
15/F	EXTRA for RSW removal (Assumed no asbestos contamination – TBC)	0	t	0.00	Excluded
15/G	Allowance for 8m wide road reserve	1,600	m2	357.17	571,473
15/H	Allowance for upgrade of services infrastructure – Assume all services are located on the opposite side of road	200	m		Excluded
	<u>Sub-total:</u>				<u>723,273</u>
15/J	Contractor Prelims & Margins	19	%	7,232.73	137,422
	<u>Total</u>				<u>860,695</u>
	Total - Road Works - Gurner (half road)				860,695

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Code	Description	Quantity	Unit	Rate	Total
	<u>Cost to Build half Road on School Side - Say 8m Wide</u>				
16/A	Allowance to demolish existing road	1,600	m2	15.00	24,000
16/B	Allowance to excavate for new road to reduce levels and stockpile on site	3,200	m3	18.00	57,600
16/C	Allowance to excavate to batter and stockpile	400	m3	18.00	7,200
16/D	EXTRA for rippable rock excavation (Assume not required)	0	m3	40.00	Excluded
16/E	EXTRA for GSW removal – Assume 10%	720	t	240.00	172,800
16/F	EXTRA for RSW removal (Assumed no asbestos contamination – TBC)	0	t	0.00	Excluded
16/G	Allowance for new 8m wide road reserve	3,200	m2	360.76	1,154,447
16/H	Allowance for connection into Primary School	1	item	25,000.00	25,000
	<u>Sub-total:</u>				<u>1,441,047</u>
16/J	Contractor Prelims & Margins	19	%	14,410.47	273,799
	<u>Total</u>				<u>1,453,246</u>
	Total - Cost to Build half Road on School Side - Say 8m Wide				1,714,846

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Demolition</u>				
17/A	Allowance for tree removal on Transgird road side	1	item	25,000.00	25,000
17/B	Demolish Internal Road – Partial	1,400	m2	25.00	35,000
17/C	Demolition of existing fence	400	m	50.00	20,000
17/D	<u>Sub-total:</u>		m2		<u>80,000</u>
17/E	Contractor Prelims & Margins	19	%	800	15,200
	Total - Demolition				95,200

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Temporary Works & Site Preparation</u>				
	<u>Temporary Works</u>				
18/A	Allowance for fencing	228	m	65.00	14,796
18/B	Allowance to make good construction site access on completion	1	Item	10,000.00	10,000
	<u>Site Preparation</u>				
18/C	Stip topsoil and stockpile on site	2,532	m2	3.00	7,596
18/D	Allowance for bulk excavation including Car Park	6,907	m3	65.00	448,947
18/E	EXTRA for rippable rock excavation (Assume not required)	0	m3	40.00	Excluded
18/F	EXTRA for GSW removal – Assume 5%	691	t	172.00	118,798
18/G	EXTRA for RSW removal (Assumed no asbestos contamination – TBC)	0	t	0.00	Excluded
18/H	Trim & compact across site	2,532	m2	2.80	7,089
18/J	<u>Sub-total:</u>		m2		<u>607,226</u>
19/A	Contractor Prelims & Margins	19	%	6,072	115,373
	Total - Temporary Works & Site Preparation				722,599

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Site Infrastructure Services</u>				
	<u>Services Diversions</u>				
19/B	Allow for other sundry services diversions (Assume not required)		Item		Excluded
	<u>Electrical Services</u>				
19/C	EA Contributions (EXCLUDED)		Item		Excluded
19/D	Allowance for HV reticulation to new padmount transformer (Provisional Quantity)	150	m	1,500.00	225,000
19/E	Allowance for draw-pits	1	No	15,000.00	15,000
19/F	Assumed no requirement for HV ring main (EXCLUDED)		Item		Excluded
19/G	HV transformer – say 1 x 1000kW	1	No	80,000.00	80,000
19/H	HV feeder	1	Item	35,000.00	35,000
19/J	Design approval fees	1	Item	25,000.00	25,000
19/K	Sundry builders work	1	Item	10,000.00	10,000
	<u>Water & Sewer Services</u>				
19/L	Sect73 Headworks Fees (EXCLUDED)	1	Item		Excluded
19/M	Water mains connection	1	Item	25,000.00	25,000
19/N	Sewer mains connection	1	Item	25,000.00	25,000
19/P	Hydrant ring main & stand pipes	0	Item	70,000.00	0
19/Q	Extra for booster assembly	0	No	45,000.00	0
19/R	Allow for water storage tanks for fire services (assumed not required)	1	Item		Excluded
19/S	Sundry bwic	1	Item	10,000.00	10,000
	<u>OSD</u>				
19/T	Allowance for OSD Tank – Including earthworks – no detail provided	1	item	1,000,000.00	1,000,000
	<u>Gas Services</u>				
19/U	Allowance for bottled gas infrastructure – Assuming no gas mains	1	Item	10,000.00	10,000
	<u>Stormwater Services</u>				
19/V	Allowance for stormwater connections to new stormwater infrastructure	1	Item	40,000.00	40,000
19/W	<u>Sub-total:</u>		m2		<u>1,500,000</u>
19/X	Contractor Prelims & Margins	19	%	15,000	285,000
	Total - Site Infrastructure Services				1,785,000

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Basement Car Park Extension</u>				
	<u>Basement Carpark</u>				
	Bulk Excavation	Msd Elsewhere			
20/A	Basement carpark – assumed concrete slab on grade	1,750	m2	557	975,317
20/B	EXTRA for raised kerbs & walkways etc – allowance only	175	m2	120.00	21,000
20/C	Allow for lift & shaft	1	No	90,000.00	90,000
20/D	<u>Sub-Total</u>	1,750	m2	620.75	<u>1,086,317</u>
21/A	Contractor Prelims & Margins	19	%	10,863.17	206,400
	Total - Basement Car Park Extension				1,292,718

AL-FAISAL SCHOOL - LIVERPOOL**AL-FAISAL COLLEGE, LIVERPOOL - MASTERPLAN - R3****COPIED FROM AL-FAISAL COLLEGE, LIVERPOOL - MASTERPLAN****Estimate Details**

Code	Description	Quantity	Unit	Rate	Total
	<u>Basement Car Park Lid</u>				
21/B	Basement Car Park	1,750	m2	450.00	787,500
21/C	<u>Sub-total:</u>	1,750	m2	450.00	<u>787,500</u>
21/D	Contractor Prelims & Margins	19	%	7,875	149,625
22/A	<u>Sub-total:</u>	1,750	m2	535.50	<u>937,125</u>
	Total - Basement Car Park Lid				937,125

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Building Works</u>				
	<u>Structural Requirements</u>				
22/B	Allowance for Footings to new build area	1,121	m2	130.00	145,730
22/C	Allowance for footings to "Atrium" areas where suspended slabs are to be constructed	349	m2	130.00	45,370
22/D	EXTRA for Piles/Piers	1,470	m2		Excluded
22/E	Allowance for columns to support suspended slab creating "Atrium"	349	m2	55.00	19,195
22/F	Allowance for columns to suspended slabs to mitigate creating Cantilevers		m2		Included
	<u>Ground Floor</u>				
22/G	S4 – GF – Amenities	71	m2	5,500.00	389,400
22/H	S4 – GF – HB	501	m2	2,500.00	1,252,750
22/J	S4 – GF – Staff	32	m2	2,650.00	83,767
22/K	S4 – GF – Storage	51	m2	2,000.00	102,760
22/L	S4 – GF – Withdrawl	10	m2	2,750.00	27,665
22/M	Circulation	456	m2	2,200.00	1,003,200
22/N	Sub-Total	1,121	m2	2,551.00	2,859,542
	<u>Level 1</u>				
22/P	S4 – L1 – Amenities	20	m2	5,500.00	109,175
22/Q	S4 – L1 – HB	595	m2	2,500.00	1,486,650
22/R	S4 – L1 – Staff	10	m2	2,650.00	26,951
22/S	S4 – L1 – Storage	60	m2	2,000.00	119,080
22/T	S4 – L1 – Void	137	m2	0.00	0
22/U	S4 – L1 – Withdrawl	34	m2	2,750.00	94,518
22/V	Circulation	614	m2	2,200.00	1,350,800
22/W	Sub-Total	1,470	m2	2,168.32	3,187,173
	<u>Roof</u>				
22/X	Roof Slab – For Plant	1,469	m2	330.00	484,760
22/Y	Parapet Wall – Assume 80% overall perimeter	205	m2	450.00	92,250
22/Z	Allowance for lift overrun and fire stair	1	item	50,000.00	50,000
	<u>Other Building Works</u>				
22/AA	EXTRA for facade efficiency	1,447	m2	291.00	421,211
22/AB	Allow for sunshading / facade treatment @ 75% (NCC 2019 – ESD Req)	1,086	m2	150.00	162,839
22/AC	EXTRA for A/C – To teaching spaces only	1,140	m2	380.00	433,272
22/AD	EXTRA for A/C – Tempered Air – To remainder of Building	1,451	m2	120.00	174,077
22/AE	EXTRA for fire rating to top level (Assumed not required, roof slab to top level)	0	m2		Excluded
22/AF	Allow for lift & shaft to serve 2 x floors	1	No	140,000	140,000
22/AG	Sub-total:	2,591	m2	3,170.96	8,215,419
22/AH	Contractor Prelims & Margins	19	%	82,154	1,560,930

AL-FAISAL SCHOOL - LIVERPOOL**AL-FAISAL COLLEGE, LIVERPOOL - MASTERPLAN - R3****COPIED FROM AL-FAISAL COLLEGE, LIVERPOOL - MASTERPLAN****Estimate Details**

Code	Description	Quantity	Unit	Rate	Total
23/A	Sub-total:	2,591	m2	3,773.44	9,776,348
	Total - Building Works				9,776,348

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>External Works</u>				
	<u>External Works</u>				
24/A	Paved area/walkways	989	m2	250.00	247,245
24/B	Landscape Area	2,141	m2	120.00	256,865
24/C	Allowance for trees	10	no	1,500.00	15,000
24/D	Allowance for new palisade fence to new road	400	m	450.00	180,000
24/E	External works allowance to remaining areas – msd overall – includes sundry retaining walls, signage, landscaping, stairs, pathways, covered ways, lighting etc	989	m2	90.00	89,008
	<u>Sub-total:</u>				<u>788,118</u>
24/F	Contractor Prelims & Margins	19	%	7,881	149,742
	Total - External Works				937,860

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Temporary Works & Site Preparation</u>				
	<u>Temporary Works</u>				
25/A	Allowance for fencing	311	m	65.00	20,221
25/B	Allowance to make good construction site access on completion	1	Item	5,000.00	5,000
	<u>Site Preparation</u>				
25/C	Stip topsoil and stockpile on site	2,175	m2	3.00	6,524
25/D	Allowance to excavate to reduce levels and stockpile on site	4,197	m3	18.00	75,548
25/E	EXTRA for rippable rock excavation (Assume not required)	0	m3	40.00	Excluded
25/F	EXTRA for GSW removal – Assume 5%	420	t	172.00	72,190
25/G	EXTRA for RSW removal (Assumed no asbestos contamination – TBC)	0	t	0.00	Excluded
25/H	Trim & compact across site	2,175	m2	2.80	6,089
25/J	<u>Sub-total:</u>		m2		<u>185,573</u>
26/A	Contractor Prelims & Margins	19	%	1,856	35,259
	Total - Temporary Works & Site Preparation				220,831

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Site Infrastructure Services</u>				
	<u>Services Diversions</u>				
26/B	Allow for other sundry services diversions (Assume not required)		Item		Excluded
	<u>Electrical Services</u>				
26/C	EA Contributions (EXCLUDED)		Item		Excluded
26/D	Allowance for HV reticulation to new padmount transformer (Provisional Quantity)	0	m	1,500.00	0
26/E	Allowance for draw-pits	0	No	15,000.00	0
26/F	Assumed no requirement for HV ring main (EXCLUDED)		Item		Excluded
26/G	HV transformer – say 1 x 1000kW	0	No	80,000.00	0
26/H	HV feeder	0	Item	35,000.00	0
26/J	Design approval fees	0	Item	25,000.00	0
26/K	Sundry builders work	0	Item	10,000.00	0
	<u>Water & Sewer Services</u>				
26/L	Sect73 Headworks Fees (EXCLUDED)	1	Item		Excluded
26/M	Water mains connection	1	Item	15,000.00	15,000
26/N	Sewer mains connection	1	Item	25,000.00	25,000
26/P	Hydrant ring main & stand pipes	0	Item	70,000.00	Excluded
26/Q	Extra for booster assembly	0	No	45,000.00	Excluded
26/R	Allow for water storage tanks for fire services (assumed not required)	1	Item		Excluded
26/S	Sundry bwic	1	Item	5,000.00	5,000
	<u>Gas Services</u>				
26/T	Allowance for bottled gas infrastructure – Assuming no gas mains	1	Item	10,000.00	10,000
	<u>Stormwater Services</u>				
26/U	Allowance for stormwater connections to new stormwater infrastructure	1	Item	25,000.00	25,000
	<u>Sub-total:</u>				<u>80,000</u>
27/A	Contractor Prelims & Margins	19	%	800	15,200
	Total - Site Infrastructure Services				95,200

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Building Works</u>				
	<u>Structural Requirements</u>				
27/B	Allowance for Footings to new build area	613	m2	130.00	79,690
27/C	Allowance for footings to "Atrium" areas where suspended slabs are to be constructed	1,413	m2	130.00	183,690
27/D	EXTRA for Piles/Piers (Excluded – TBC)	2,026	m2		Excluded
27/E	Allowance for columns to support suspended slab creating "Atrium"	1,413	m2	55.00	77,715
27/F	Allowance for columns to suspended slabs to mitigate creating Cantilevers		m2		Included
	<u>Demolition Works</u>				
27/G	Allowance to create opening in now existing Stage 2 Building to form connection link	3	no	10,000.00	30,000
	<u>Ground Floor</u>				
27/H	Allowance to fit-out portion of previously cold shell Stage 2 build	995	m2	1,800.00	1,791,000
	<u>Ground Floor</u>				
27/J	Staff/Admin	612	m2	2,650.00	1,621,853
27/K	Sub-Total	612	m2	2,650.00	1,621,853
	<u>Level 1</u>				
27/L	S5 – L1 – Amenities	10	m2	5,500.00	54,395
27/M	S5 – L1 – GLA	349	m2	2,500.00	873,325
27/N	S5 – L1 – Recording Studio	71	m2	3,500.00	249,620
27/P	S5 – L1 – Staff	338	m2	2,650.00	896,866
27/Q	S5 – L1 – Store	95	m2	2,000.00	190,180
27/R	S5 – L1 – Terrace	547	m2	650.00	355,667
27/S	S5 – L1 – Void	33	m2	0.00	0
27/T	S5 – L1 – Workshop	347	m2	4,000.00	1,389,720
27/U	Circulation	1,086	m2	2,200.00	2,389,200
27/V	Sub-Total	2,878	m2	2,223.63	6,398,973
	<u>Level 2</u>				
27/W	S5 – L2 – Amenities	10	m2	5,500.00	54,285
27/X	S5 – L2 – Food Tech	556	m2	4,000.00	2,223,000
27/Y	S5 – L2 – GLA	347	m2	2,500.00	867,175
27/Z	S5 – L2 – Seminar	39	m2	2,500.00	96,650
27/AA	S5 – L2 – Staff	251	m2	2,650.00	665,124
27/AB	S5 – L2 – Terrace	167	m2	650.00	108,856
27/AC	S5 – L2 – Void	76	m2	0.00	0
27/AD	S5 – L2 – Workshop	234	m2	4,000.00	934,400
27/AE	Circulation	1,045	m2	2,200.00	2,299,000
27/AF	Sub-total:	2,724	m2	2,660.53	7,248,489
	<u>Level 3</u>				

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
28/A	S5 - L3 - Amenities	11	m2	5,500.00	60,225
28/B	S5 - L3 - GLA	713	m2	2,500.00	1,782,400
28/C	S5 - L3 - Movement Studio	339	m2	4,000.00	1,356,320
28/D	S5 - L3 - PDHPE Workshop incl change rooms - Assume no showers	341	m2	3,500.00	1,193,185
28/E	S5 - L3 - Seminar	90	m2	2,500.00	224,550
28/F	S5 - L3 - Staff	10	m2	2,650.00	27,348
28/G	S5 - L3 - Void	45	m2	0.00	0
28/H	Circulation	986	m2	2,200.00	2,169,200
28/J	Sub-total:	2,535	m2	2,687.65	6,813,228
	<u>Roof</u>				
28/K	Roof Slab - For Plant	2,535	m2	330.00	836,550
28/L	Parapet Wall - Assume 80% overall perimeter	209	m2	450.00	93,995
28/M	Allowance for lift overrun and fire stair	1	item	50,000.00	50,000
	<u>Other Building Works</u>				
28/N	EXTRA for facade efficiency	3,093	m2	134.00	414,520
28/P	EXTRA for Kitchen Exhaust	1	item	60,000.00	60,000
28/Q	Allow for sunshading / facade treatment @ 75% (NCC 2019 - ESD Req)	2,320	m2	150.00	348,011
28/R	EXTRA for A/C - To teaching spaces only	2,033	m2	380.00	772,456
28/S	EXTRA for A/C - Tempered Air - To remainder of Building	6,716	m2	120.00	805,970
28/T	EXTRA for fire rating to top level (Assumed not required, roof slab to top level)	0	m2		Excluded
28/U	Allow for lift & shaft to serve 4 x floors	1	No	220,000	220,000
28/V	Sub-total:	8,749	m2	3,182.71	27,846,140
28/W	Contractor Prelims & Margins	19	%	278,461	5,290,767
29/A	Sub-total:	8,749	m2	3,787.42	33,136,906
	Total - Building Works				33,136,906

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>External Works</u>				
	<u>External Works</u>				
29/B	Paved area/walkways	642	m2	250.00	160,483
29/C	Other pavements throughout	747	m2	150.00	112,005
29/D	Landcaping/Planters	111	m2	120.00	13,327
29/E	On-Grade Car park – 60 Spots – To increase overall parking to 120	1,500	m2	90.00	135,000
29/F	Allowance for trees	6	no	1,500.00	9,000
29/G	External works allowance to remaining areas – msd overall – includes sundry retaining walls, signage, landscaping, stairs, pathways, covered ways, lighting etc	111	m2	90.00	9,995
	<u>Sub-total:</u>				<u>439,810</u>
30/A	Contractor Prelims & Margins	19	%	4,398	83,564
	Total - External Works				523,374

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Demolition</u>				
30/B	Allowance to demolish existing 2 x Level Blockwork building	3,472	m2	65.00	225,686
30/C	Demolish canopy/roof over play space	1	item	12,500.00	12,500
30/D	Allowance for services disconnection	1	item	15,000.00	15,000
30/E	Demolish Internal Road – Partial	2,800	m2	25.00	70,000
30/F	Demolish hardstand	1,700	m2	25.00	42,500
30/G	Allowance for disconnect and take demountables offsite	1	item	14,900.00	14,900
30/H	<u>Sub-total:</u>		m2		<u>380,586</u>
30/J	Contractor Prelims & Margins	19	%	3,806	72,311
	Total - Demolition				452,897

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Temporary Works & Site Preparation</u>				
	<u>Temporary Works</u>				
31/A	Allowance for fencing	572	m	65.00	37,192
31/B	Allowance to make good construction site access on completion	1	Item	50,000.00	50,000
	<u>Site Preparation</u>				
31/C	Strip topsoil and stockpile on site	14,368	m2	3.00	43,104
31/D	Allowance to excavate to reduce levels and stockpile on site	14,368	m3	18.00	258,625
31/E	EXTRA for rippable rock excavation (Assume not required)	0	m3	40.00	Excluded
31/F	EXTRA for GSW removal – Assume 5%	1,437	t	172.00	247,131
31/G	EXTRA for RSW removal (Assumed no asbestos contamination – TBC)	0	t	0.00	Excluded
31/H	Trim & compact across site	14,368	m2	2.80	40,231
31/J	<u>Sub-total:</u>		m2		<u>676,283</u>
32/A	Contractor Prelims & Margins	19	%	6,763	128,494
	Total - Temporary Works & Site Preparation				804,777

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Site Infrastructure Services</u>				
	<u>Services Diversions</u>				
32/B	Allow for other sundry services diversions (Assume not required)		Item		Excluded
	<u>Electrical Services</u>				
32/C	EA Contributions (EXCLUDED)		Item		Excluded
32/D	Allowance for HV reticulation to new padmount transformer (Provisional Quantity)	30	m	1,500.00	45,000
32/E	Allowance for draw-pits	2	No	15,000.00	30,000
32/F	Assumed no requirement for HV ring main (EXCLUDED)		Item		Excluded
32/G	HV transformer – say 1 x 1000kW	1	No	80,000.00	80,000
32/H	HV feeder	1	Item	35,000.00	35,000
32/J	Design approval fees	1	Item	25,000.00	25,000
32/K	Sundry builders work	1	Item	10,000.00	10,000
	<u>Water & Sewer Services</u>				
32/L	Sect73 Headworks Fees (EXCLUDED)	1	Item		Excluded
32/M	Water mains connection	4	no	25,000.00	100,000
32/N	Sewer mains connection	4	no	25,000.00	100,000
32/P	Hydrant ring main & stand pipes	1	Item	70,000.00	70,000
32/Q	Extra for booster assembly	1	No	45,000.00	45,000
32/R	Allow for water storage tanks for fire services (assumed not required)	1	Item		Excluded
32/S	Sundry bwic	1	Item	30,000.00	30,000
	<u>Gas Services</u>				
32/T	Allowance for bottled gas infrastructure – Assuming no gas mains	4	no	10,000.00	40,000
	<u>Stormwater Services</u>				
32/U	Allowance for stormwater connections to new stormwater infrastructure	1	Item	200,000.00	200,000
32/V	<u>Sub-total:</u>		m2		<u>810,000</u>
33/A	Contractor Prelims & Margins	19	%	8,100	153,900
	Total - Site Infrastructure Services				963,900

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Building Works</u>				
	<u>Structural Requirements</u>				
33/B	Allowance for Footings to new build area	4,242	m2	130.00	551,460
33/C	Allowance for footings to "Atrium" areas where suspended slabs are to be constructed	747	m2	130.00	97,110
33/D	EXTRA for Piles/Piers	4,989	m2		Excluded
33/E	Allowance for columns to support suspended slab creating "Atrium"	747	m2	55.00	41,085
33/F	Allowance for columns to suspended slabs to mitigate creating Cantilevers		m2		Included
	<u>Ground Floor</u>				
33/G	S6 – GF – Amenities	113	m2	5,500.00	619,300
33/H	S6 – GF – HB	1,541	m2	2,500.00	3,853,075
33/J	S6 – GF – Staff	55	m2	2,650.00	146,890
33/K	S6 – GF – Storage	206	m2	2,000.00	411,720
33/L	S6 – GF – Seminar	41	m2	2,800.00	114,856
33/M	S6 – GF – istem	166	m2	4,000.00	663,280
33/N	Circulation	1,753	m2	2,200.00	3,856,600
33/P	Sub-Total	3,875	m2	2,494.41	9,665,721
	<u>Level 1</u>				
33/Q	S6 – L1 – Amenities	115	m2	5,500.00	630,410
33/R	S6 – L1 – HB	1,852	m2	2,500.00	4,629,225
33/S	S6 – L1 – Staff	11	m2	2,650.00	29,786
33/T	S6 – L1 – Storage	250	m2	2,000.00	499,780
33/U	S6 – L1 – Seminar	65	m2	2,800.00	182,168
33/V	S6 – L1 – iStem	161	m2	4,000.00	645,920
33/W	S6 – L1 – Void	148	m2	0.00	0
33/X	Circulation	2,019	m2	2,200.00	4,441,800
33/Y	Sub-Total	4,621	m2	2,393.24	11,059,089
	<u>Level 2</u>				
33/Z	S6 – L2 – Amenities	44	m2	5,500.00	240,240
33/AA	S6 – L2 – HB	741	m2	2,500.00	1,852,975
33/AB	S6 – L2 – Seminar	35	m2	2,800.00	96,824
33/AC	S6 – L2 – Storage	100	m2	2,000.00	200,800
33/AD	S6 – L2 – Void	205	m2	0.00	0
33/AE	Circulation	742	m2	2,200.00	1,632,400
33/AF	Sub-Total	1,867	m2	2,155.12	4,023,239
	<u>Roof</u>				
33/AG	Roof Slab – For Plant	4,496	m2	330.00	1,483,680
33/AH	Parapet Wall – Assume 80% overall perimeter	625	m2	450.00	281,250
33/AJ	Glazed Roof	125	m2	800.00	100,352

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
34/A	Allowance for lift overrun and fire stair <u>Other Building Works</u>	1	item	60,000.00	60,000
34/B	Raised Walkway	367	m2	1,504.54	551,956
34/C	EXTRA for facade efficiency	5,678	m2	264.00	1,498,873
34/D	Allow for sunshading / facade treatment @ 75% (NCC 2019 – ESD Req)	4,258	m2	150.00	638,724
34/E	EXTRA for A/C – To teaching spaces only	4,602	m2	380.00	1,748,787
34/F	EXTRA for A/C – Tempered Air – To remainder of Building	5,761	m2	120.00	691,282
34/G	EXTRA for fire rating to top level (Assumed not required, roof slab to top level)	0	m2		Excluded
34/H	Allow for lift & shaft to serve 2 x floors	2	No	140,000	280,000
34/J	Allow for lift & shaft to serve 3 x floors	1	No	180,000	180,000
34/K	Sub-total:	10,730	m2	3,071.18	32,952,607
34/L	Contractor Prelims & Margins	19	%	329,526	6,260,995
35/A	Sub-total:	10,730	m2	3,654.71	39,213,603
	Total - Building Works				39,213,603

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>External Works</u>				
	<u>External Works</u>				
35/B	Paved area/walkways	6,583	m2	250.00	1,645,728
35/C	Landscaping	3,585	m2	120.00	430,234
35/D	Allowance for new palisade fence to school frontage	140	m	450.00	63,000
35/E	Allowance for feature steps	127	m	1,500.00	190,950
35/F	Ramp	153	m2	850.00	130,033
35/G	Allowance for trees	40	no	1,500.00	60,000
35/H	External works allowance to remaining areas – msd overall – includes sundry retaining walls, signage, landscaping, stairs, pathways, covered ways, lighting etc	6,583	m2	120.00	789,949
	<u>Sub-total:</u>				<u>3,309,893</u>
36/A	Contractor Prelims & Margins	19	%	33,099	628,880
	Total - External Works				3,938,773

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Demolition</u>				
36/B	Allowance to demolish existing 2 x Level Blockwork building	1,882	m2	65.00	122,358
36/C	Demolish hardstand	721	m2	25.00	18,028
36/D	<u>Sub-total:</u>		m2		<u>140,386</u>
36/E	Contractor Prelims & Margins	19	%	1,404	26,673
	Total - Demolition				167,059

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Temporary Works & Site Preparation</u>				
	<u>Temporary Works</u>				
37/A	Allowance for fencing	242	m	65.00	15,733
37/B	Allowance to make good construction site access on completion	1	Item	10,000.00	10,000
	<u>Site Preparation</u>				
37/C	Stip topsoil and stockpile on site	3,666	m2	3.00	10,999
37/D	Allowance to excavate to reduce levels and stockpile on site	3,666	m3	18.00	65,994
37/E	EXTRA for rippable rock excavation (Assume not required)	0	m3	40.00	Excluded
37/F	EXTRA for GSW removal – Assume 5%	367	t	172.00	63,061
37/G	EXTRA for RSW removal (Assumed no asbestos contamination – TBC)	0	t	0.00	Excluded
37/H	Trim & compact across site	3,666	m2	2.80	10,266
37/J	<u>Sub-total:</u>		m2		<u>176,052</u>
38/A	Contractor Prelims & Margins	19	%	1,761	33,450
	Total - Temporary Works & Site Preparation				209,502

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Site Infrastructure Services</u>				
	<u>Services Diversions</u>				
38/B	Allow for other sundry services diversions (Assume not required)		Item		Excluded
	<u>Electrical Services</u>				
38/C	EA Contributions (EXCLUDED)		Item		Excluded
38/D	Allowance for HV reticulation to new padmount transformer (Provisional Quantity)	30	m	1,500.00	45,000
38/E	Allowance for draw-pits	1	No	15,000.00	15,000
38/F	Assumed no requirement for HV ring main (EXCLUDED)		Item		Excluded
38/G	HV transformer – say 1 x 1000kW	0	No	80,000.00	0
38/H	HV feeder	0	Item	35,000.00	0
38/J	Design approval fees	0	Item	25,000.00	0
38/K	Sundry builders work	0	Item	10,000.00	0
	<u>Water & Sewer Services</u>				
38/L	Sect73 Headworks Fees (EXCLUDED)	1	Item		Excluded
38/M	Water mains connection	1	Item	25,000.00	25,000
38/N	Sewer mains connection	1	Item	25,000.00	25,000
38/P	Hydrant ring main & stand pipes	0	Item	70,000.00	0
38/Q	Extra for booster assembly	0	No	45,000.00	0
38/R	Allow for water storage tanks for fire services (assumed not required)	1	Item		Excluded
38/S	Sundry bwic	1	Item	10,000.00	10,000
	<u>Gas Services</u>				
38/T	Allowance for bottled gas infrastructure – Assuming no gas mains	1	Item	10,000.00	10,000
	<u>Stormwater Services</u>				
38/U	Allowance for stormwater connections to new stormwater infrastructure	1	Item	40,000.00	40,000
38/V	<u>Sub-total:</u>		m2		<u>170,000</u>
39/A	Contractor Prelims & Margins	19	%	1,700	32,300
	Total - Site Infrastructure Services				202,300

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Building Works</u>				
	<u>Structural Requirements</u>				
39/B	Allowance for Footings to new build area	1,772	m2	130.00	230,360
39/C	Allowance for footings to "Atrium" areas where suspended slabs are to be constructed	234	m2	130.00	30,420
39/D	EXTRA for Piles/Piers	2,006	m2		Excluded
39/E	Allowance for columns to support suspended slab creating "Atrium"	234	m2	55.00	12,870
39/F	Allowance for columns to suspended slabs to mitigate creating Cantilevers		m2		Included
	<u>Ground Floor</u>				
39/G	S7 – GF – Amenities	69	m2	5,500.00	381,865
39/H	S7 – GF – HB	576	m2	2,500.00	1,441,050
39/J	S7 – GF – Staff	45	m2	2,650.00	118,720
39/K	S7 – GF – Storage	91	m2	2,000.00	181,660
39/L	S7 – Gf – withdrawl	18	m2	2,750.00	50,765
39/M	Circulation	972	m2	2,200.00	2,138,400
39/N	Sub-Total	1,772	m2	2,433.75	4,312,460
	<u>Level 1</u>				
39/P	S7 – L1 – Amenities	69	m2	5,500.00	381,865
39/Q	S7 – L1 – HB	722	m2	2,500.00	1,805,500
39/R	S7 – L1 – Storage	74	m2	2,000.00	148,380
39/S	S7 – L1 – Withdrawl	26	m2	2,750.00	71,885
39/T	S7 – L1 – Void	174	m2	0.00	0
39/U	Circulation	940	m2	2,200.00	2,068,000
39/V	Sub-Total	2,006	m2	2,231.47	4,475,630
	<u>Level 2</u>				
39/W	S7 – L2 – Amenities	66	m2	5,500.00	361,900
39/X	S7 – L2 – HB	716	m2	2,500.00	1,790,225
39/Y	S7 – L2 – Storage	76	m2	2,000.00	151,840
39/Z	S7 – L2 – Withdrawl	26	m2	2,750.00	71,885
39/AA	S7 – L2 – Void	179	m2	0.00	0
39/AB	Circulation	940	m2	2,200.00	2,068,000
39/AC	Sub-Total	2,003	m2	2,218.94	4,443,850
	<u>Roof</u>				
39/AD	Roof Slab – For Plant	2,005	m2	330.00	661,650
39/AE	Parapet Wall – Assume 80% overall perimeter	222	m2	450.00	99,900
39/AF	Allowance for lift overrun and fire stair	1	item	20,000.00	20,000
	<u>Other Building Works</u>				
39/AG	EXTRA for facade efficiency	2,609	m2	203.00	529,574
39/AH	Allow for sunshading / facade treatment @ 75% (NCC 2019 – ESD Req)	1,957	m2	150.00	293,483

AL-FAISAL SCHOOL - LIVERPOOL**AL-FAISAL COLLEGE, LIVERPOOL - MASTERPLAN - R3****COPIED FROM AL-FAISAL COLLEGE, LIVERPOOL - MASTERPLAN****Estimate Details**

Code	Description	Quantity	Unit	Rate	Total
40/A	EXTRA for A/C – To teaching spaces only	2,085	m2	380.00	792,471
40/B	EXTRA for A/C – Tempered Air – To remainder of Building	3,695	m2	120.00	443,384
40/C	EXTRA for fire rating to top level (Assumed not required, roof slab to top level)	0	m2		Excluded
40/D	Allow for lift & shaft to serve 3 x floors	1	No	180,000	180,000
40/E	Sub-total:	5,780	m2	2,859.02	16,526,053
40/F	Contractor Prelims & Margins	19	%	165,261	3,139,950
41/A	Sub-total:	5,780	m2	3,402.23	19,666,003
	Total - Building Works				19,666,003

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>External Works</u>				
	<u>External Works</u>				
41/B	Paved area/walkways	5,869	m2	250.00	1,467,358
41/C	Landscaping	3,385	m2	120.00	406,246
41/D	Turf	505	m2	89.00	44,943
41/E	Allowance for feature steps	40	m	1,500.00	60,000
41/F	Ramp	49	m2	850.00	41,591
41/G	Allowance for trees	15	no	1,500.00	22,500
41/H	Works to Sports Fields	1	item		Excluded
41/J	External works allowance to remaining areas – msd overall – includes sundry retaining walls, signage, landscaping, stairs, pathways, covered ways, lighting etc	5,869	m2	90.00	528,249
	<u>Sub-total:</u>				<u>2,570,886</u>
42/A	Contractor Prelims & Margins	19	%	25,709	488,468
	Total - External Works				3,059,354

AL-FAISAL SCHOOL - LIVERPOOL**AL-FAISAL COLLEGE, LIVERPOOL - MASTERPLAN - R3****COPIED FROM AL-FAISAL COLLEGE, LIVERPOOL - MASTERPLAN****Estimate Details**

Code	Description	Quantity	Unit	Rate	Total
	<u>Demolition</u>				
42/B	Allowance for disconnect and take demountables offsite	1	item	14,900.00	14,900
	<u>Sub-total:</u>				<u>14,900</u>
42/C	Contractor Prelims & Margins	19	%	149.00	2,831
	<u>Total</u>				<u>17,731</u>
	Total - Demolition				17,731

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Temporary Works & Site Preparation</u>				
	<u>Temporary Works</u>				
43/A	Allowance for fencing	596	m	65.00	38,761
43/B	Allowance to make good construction site access on completion	1	Item	5,000.00	5,000
	<u>Site Preparation</u>				
43/C	Stip topsoil and stockpile on site	18,978	m2	3.00	56,935
43/D	Allowance for bulk excavation	17,710	m3	65.00	1,151,164
43/E	EXTRA for rippable rock excavation (Assume not required)	0	m3	40.00	Excluded
43/F	EXTRA for GSW removal – Assume 5%	1,771	t	172.00	304,616
43/G	EXTRA for RSW removal (Assumed no asbestos contamination – TBC)	0	t	0.00	Excluded
43/H	Trim & compact across site	18,978	m2	2.80	53,139
43/J	<u>Sub-total:</u>		m2		<u>1,609,615</u>
44/A	Contractor Prelims & Margins	19	%	16,096	305,827
	Total - Temporary Works & Site Preparation				1,915,441

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Site Infrastructure Services</u>				
	<u>Services Diversions</u>				
44/B	Allow for other sundry services diversions (Assume not required)		Item		Excluded
	<u>Electrical Services</u>				
44/C	EA Contributions (EXCLUDED)		Item		Excluded
44/D	Allowance for HV reticulation to new padmount transformer (Provisional Quantity)	100	m	1,500.00	150,000
44/E	Allowance for draw-pits	1	No	15,000.00	15,000
44/F	Assumed no requirement for HV ring main (EXCLUDED)		Item		Excluded
44/G	HV transformer – say 1 x 1000kW	0	No	80,000.00	0
44/H	HV feeder	0	Item	35,000.00	0
44/J	Design approval fees	0	Item	25,000.00	0
44/K	Sundry builders work	1	Item	10,000.00	10,000
	<u>Water & Sewer Services</u>				
44/L	Sect73 Headworks Fees (EXCLUDED)	1	Item		Excluded
44/M	Water mains connection	1	Item	25,000.00	25,000
44/N	Sewer mains connection	1	Item	50,000.00	50,000
44/P	Hydrant ring main & stand pipes	0	Item	70,000.00	0
44/Q	Extra for booster assembly	0	No	45,000.00	0
44/R	Allow for water storage tanks for fire services (assumed not required)	1	Item		Excluded
44/S	Sundry bwic	1	Item	10,000.00	10,000
	<u>Gas Services</u>				
44/T	Allowance for bottled gas infrastructure – Assuming no gas mains	1	Item	10,000.00	10,000
	<u>Stormwater Services</u>				
44/U	Allowance for stormwater connections to new stormwater infrastructure	1	Item	40,000.00	40,000
44/V	<u>Sub-total:</u>		m2		<u>310,000</u>
45/A	Contractor Prelims & Margins	19	%	3,100	58,900
	Total - Site Infrastructure Services				368,900

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Building Works</u>				
	<u>Structural Requirements</u>				
45/B	Allowance for Footings to new build area	1,740	m2	130.00	226,200
45/C	Allowance for footings to "Atrium" areas where suspended slabs are to be constructed	1,062	m2	130.00	138,060
45/D	EXTRA for Piles/Piers	2,802	m2		Excluded
45/E	Allowance for columns to support suspended slab creating "Atrium"	1,062	m2	55.00	58,410
45/F	Allowance for columns to suspended slabs to mitigate creating Cantilevers		m2		Included
45/G	Allowance for additional support to hall area where GLA's are to be constructed on L2	591	m2	55.00	32,518
	<u>Ground Floor</u>				
45/H	S11 - GF - Canteen	101	m2	3,000.00	303,630
45/J	S11 - GF - Hall Building Complete	1,239	m2	3,084.00	3,820,860
45/K	S11 - GF - Staff	333	m2	2,650.00	882,132
45/L	Circulation	67	m2	2,200.00	147,400
45/M	Sub-Total	1,740	m2	2,962.05	5,154,022
	<u>Level 1</u>				
45/N	S11 - L1 - Staff	21	m2	2,650.00	54,590
45/P	S11 - L1 - GLA	713	m2	2,500.00	1,783,700
45/Q	S11 - L1 - Seminar	42	m2	2,500.00	104,175
45/R	S11 - L1 - Shared Space	243	m2	2,400.00	582,696
45/S	S11 - L1 - Store	23	m2	2,000.00	45,480
45/T	Circulation	844	m2	2,200.00	1,856,800
45/U	Sub-Total	1,885	m2	2,348.43	4,427,441
	<u>Level 2</u>				
45/V	S11 - L2 - Amenities	11	m2	5,500.00	58,190
45/W	S11 - L2 - GLA	1,066	m2	2,500.00	2,664,950
45/X	S11 - L2 - Seminar	33	m2	2,500.00	82,650
45/Y	S11 - L2 - Shared Space	317	m2	2,400.00	760,128
45/Z	S11 - L2 - Store	14	m2	2,000.00	28,580
45/AA	S11 - L2 - Staff	20	m2	2,650.00	53,186
45/AB	S11 - L2 - Void	52	m2	0.00	0
45/AC	Circulation	1,289	m2	2,200.00	2,835,800
45/AD	Sub-total:	2,802	m2	2,314.27	6,483,484
	<u>Roof</u>				
45/AE	Roof Slab - For Plant	2,801	m2	330.00	924,208
45/AF	Parapet Wall - Assume 80% overall perimeter	261	m2	450.00	117,599
45/AG	Allowance for lift overrun and fire stair	1	item	50,000.00	50,000
	<u>Building</u>				

AL-FAISAL SCHOOL - LIVERPOOL**AL-FAISAL COLLEGE, LIVERPOOL - MASTERPLAN - R3****COPIED FROM AL-FAISAL COLLEGE, LIVERPOOL - MASTERPLAN****Estimate Details**

Code	Description	Quantity	Unit	Rate	Total
46/A	Allowance for sports store and change rooms	353	m2	3,500.00	1,235,500
46/B	Allowance for raised walkways at L1	127	m2	1,504.54	191,663
	<u>Other Building Works</u>				
46/C	Addition Circulation	206	m2	2,200.00	453,200
46/D	EXTRA for facade efficiency	3,200	m2	243.00	777,496
46/E	EXTRA for Kitchen Exhaust	1	item	60,000.00	60,000
46/F	Allow for sunshading / facade treatment @ 75% (NCC 2019 – ESD Req)	2,400	m2	150.00	359,952
46/G	EXTRA for A/C – To teaching spaces only	1,854	m2	380.00	704,592
46/H	EXTRA for A/C – Tempered Air – To remainder of Building	4,779	m2	120.00	573,437
46/J	EXTRA for fire rating to top level (Assumed not required, roof slab to top level)	0	m2		Excluded
46/K	Allow for lift & shaft to serve 3 x floors	1	No	180,000	180,000
46/L	Sub-total:	6,633	m2	3,339.11	22,147,781
46/M	Contractor Prelims & Margins	19	%	221,478	4,208,078
47/A	Sub-total:	6,633	m2	3,973.55	26,355,860
	Total - Building Works				26,355,860

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>External Works</u>				
	<u>External Works</u>				
47/B	Paved area/walkways	1,808	m2	250.00	452,060
47/C	Other pavements throughout	3,249	m2	150.00	487,346
47/D	Allowance for trees	50	no	1,500.00	75,000
47/E	Allowance for Football field – Assumed natural turf	10,867	m2	89.00	967,135
47/F	Allowance for Football goals etc	1	item	12,000.00	12,000
47/G	External Stairs	92	m	750.00	68,693
47/H	Allowance for cricket nets	2	no	25,000.00	50,000
47/J	Allowance for tiered grandstand – Assume metal	1	item	200,000.00	200,000
47/K	External works allowance to remaining areas – msd overall – includes sundry retaining walls, signage, landscaping, stairs, pathways, covered ways, lighting etc	1,808	m2	90.00	162,742
47/L	On-Grade Car park – 130 Spots – To increase overall parking to 250	3,000	m2	90.00	270,000
47/M	Allowance for service road including line marking and kerbs	509	m2	150.00	76,275
	<u>Sub-total:</u>				<u>2,821,250</u>
48/A	Contractor Prelims & Margins	19	%	28,213	536,038
	Total - External Works				3,357,288

AL-FAISAL SCHOOL - LIVERPOOL**AL-FAISAL COLLEGE, LIVERPOOL - MASTERPLAN - R3****COPIED FROM AL-FAISAL COLLEGE, LIVERPOOL - MASTERPLAN****Estimate Details**

Code	Description	Quantity	Unit	Rate	Total
	<u>Road Works - West Ave (half road)</u>				
48/B	Allowance to excavate for new road to reduce levels and stockpile on site	3,200	m3	18.00	57,600
48/C	Allowance to excavate to batter and stockpile	600	m3	18.00	10,800
48/D	EXTRA for rippable rock excavation (Assume not required)	0	m3	40.00	Excluded
48/E	EXTRA for GSW removal – Assume 10%	760	t	240.00	182,400
48/F	EXTRA for RSW removal (Assumed no asbestos contamination – TBC)	0	t	0.00	Excluded
48/G	Allowance for new 8m wide road reserve (West Avenue)	3,200	m2	594.50	1,902,407
48/H	Allowance for services infrastructure to run along new road (One side)	3,200	m2		Included
	<u>Sub-total:</u>				<u>2,153,207</u>
48/J	Contractor Prelims & Margins	19	%	21,532.07	409,109
	<u>Total</u>				<u>2,311,516</u>
	Total - Road Works - West Ave (half road)				2,562,316

AL-FAISAL SCHOOL - LIVERPOOL**AL-FAISAL COLLEGE, LIVERPOOL - MASTERPLAN - R3****COPIED FROM AL-FAISAL COLLEGE, LIVERPOOL - MASTERPLAN****Estimate Details**

Code	Description	Quantity	Unit	Rate	Total
	<u>Road Works - South Ave (half road)</u>				
49/A	Allowance to excavate for new road to reduce levels and stockpile on site	1,000	m3	18.00	18,000
49/B	Allowance to excavate to batter and stockpile	150	m3	18.00	2,700
49/C	EXTRA for rippable rock excavation (Assume not required)	0	m3	40.00	Excluded
49/D	EXTRA for GSW removal – Assume 10%	230	t	240.00	55,200
49/E	EXTRA for RSW removal (Assumed no asbestos contamination – TBC)	0	t	0.00	Excluded
49/F	Allowance for new 10m wide road reserve (South Avenue)	1,000	m2	260.70	260,705
	<u>Sub-total:</u>				<u>336,605</u>
49/G	Contractor Prelims & Margins	19	%	3,366.05	63,955
	<u>Total</u>				<u>324,660</u>
	Total - Road Works - South Ave (half road)				400,560

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Temporary Works & Site Preparation</u>				
	<u>Temporary Works</u>				
50/A	Allowance for fencing	283	m	65.00	18,387
50/B	Allowance to make good construction site access on completion	1	Item	10,000.00	10,000
	<u>Site Preparation</u>				
50/C	Stip topsoil and stockpile on site	3,559	m2	3.00	10,678
50/D	Allowance to excavate to reduce levels and stockpile on site	3,559	m3	18.00	64,070
50/E	EXTRA for rippable rock excavation (Assume not required)	0	m3	40.00	Excluded
50/F	EXTRA for GSW removal – Assume 5%	356	t	172.00	61,222
50/G	EXTRA for RSW removal (Assumed no asbestos contamination – TBC)	0	t	0.00	Excluded
50/H	Trim & compact across site	3,559	m2	2.80	9,966
50/J	<u>Sub-total:</u>		m2		<u>174,323</u>
51/A	Contractor Prelims & Margins	19	%	1,743	33,121
	Total - Temporary Works & Site Preparation				207,444

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Site Infrastructure Services</u>				
	<u>Services Diversions</u>				
51/B	Allow for other sundry services diversions (Assume not required)		Item		Excluded
	<u>Electrical Services</u>				
51/C	EA Contributions (EXCLUDED)		Item		Excluded
51/D	Allowance for HV reticulation to new padmount transformer (Provisional Quantity)	75	m	1,500.00	112,500
51/E	Allowance for draw-pits	1	No	15,000.00	15,000
51/F	Assumed no requirement for HV ring main (EXCLUDED)		Item		Excluded
51/G	HV transformer – say 1 x 1000kW	0	No	80,000.00	0
51/H	HV feeder	0	Item	35,000.00	0
51/J	Design approval fees	0	Item	25,000.00	0
51/K	Sundry builders work	0	Item	10,000.00	0
	<u>Water & Sewer Services</u>				
51/L	Sect73 Headworks Fees (EXCLUDED)	1	Item		Excluded
51/M	Water mains connection	1	Item	25,000.00	25,000
51/N	Sewer mains connection	1	Item	25,000.00	25,000
51/P	Hydrant ring main & stand pipes	0	Item	70,000.00	0
51/Q	Extra for booster assembly	0	No	45,000.00	0
51/R	Allow for water storage tanks for fire services (assumed not required)	1	Item		Excluded
51/S	Sundry bwic	1	Item	10,000.00	10,000
	<u>Gas Services</u>				
51/T	Allowance for bottled gas infrastructure – Assuming no gas mains	1	Item	10,000.00	10,000
	<u>Stormwater Services</u>				
51/U	Allowance for stormwater connections to new stormwater infrastructure	1	Item	40,000.00	40,000
51/V	<u>Sub-total:</u>		m2		<u>237,500</u>
52/A	Contractor Prelims & Margins	19	%	2,375	45,125
	Total - Site Infrastructure Services				282,625

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Building Works</u>				
	<u>Ground Floor</u>				
52/B	S9 – Multi-Purpose Hall Complete	1,253	m2	3,084.00	3,864,900
52/C	Sub-Total	1,253	m2	3,084.00	3,864,900
	<u>Roof</u>				
52/D	Assume Metal Roof	1,253	m2		Included
	<u>Other Building Works</u>				
52/E	EXTRA for facade efficiency	1,017	m2	481.00	489,177
52/F	EXTRA for Kitchen Exhaust	1	item	60,000.00	60,000
52/G	Allow for sunshading / facade treatment @ 75% (NCC 2019 – ESD Req)	763	m2	150.00	114,413
52/H	EXTRA for A/C – To teaching spaces only	0	m2		Excluded
52/J	EXTRA for A/C – Tempered Air – To remainder of Building	0	m2		Included
52/K	EXTRA for fire rating to top level (Assumed not required, roof slab to top level)	0	m2		Excluded
52/L	Sub-total:	1,253	m2	3,613.51	4,528,489
52/M	Contractor Prelims & Margins	19	%	45,285	860,413
53/A	Sub-total:	1,253	m2	4,300.08	5,388,902
	Total - Building Works				5,388,902

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>External Works</u>				
	<u>External Works</u>				
53/B	Paved area/walkways	1,489	m2	250.00	372,210
53/C	Landscaping	221	m2	120.00	26,521
53/D	Allowance for feature entry	1	item	15,000.00	15,000
53/E	Allowance for trees	10	no	1,500.00	15,000
53/F	External works allowance to remaining areas – msd overall – includes sundry retaining walls, signage, landscaping, stairs, pathways, covered ways, lighting etc	1,489	m2	90.00	133,996
53/G	Allowance to make-good Gurner Ave	1	item	150,000.00	150,000
	<u>Sub-total:</u>				<u>712,727</u>
54/A	Contractor Prelims & Margins	19	%	7,127	135,418
	Total - External Works				848,145

AL-FAISAL SCHOOL - LIVERPOOL**AL-FAISAL COLLEGE, LIVERPOOL - MASTERPLAN - R3****COPIED FROM AL-FAISAL COLLEGE, LIVERPOOL - MASTERPLAN****Estimate Details**

Code	Description	Quantity	Unit	Rate	Total
	<u>Service Road (half road)</u>				
54/B	Allowance to excavate for new road to reduce levels and stockpile on site	600	m3	18.00	10,800
54/C	Allowance to excavate to batter and stockpile	150	m3	18.00	2,700
54/D	EXTRA for rippable rock excavation (Assume not required)	0	m3	40.00	Excluded
54/E	EXTRA for GSW removal – Assume 10%	150	t	240.00	36,000
54/F	EXTRA for RSW removal (Assumed no asbestos contamination – TBC)	0	t	0.00	Excluded
54/G	Allowance for new service road	600	m2	310.93	186,559
	<u>Sub-total:</u>				<u>236,059</u>
54/H	Contractor Prelims & Margins	19	%	2,360.59	44,851
	<u>Total</u>				<u>231,410</u>
	Total - Service Road (half road)				280,910

AL-FAISAL SCHOOL - LIVERPOOL**AL-FAISAL COLLEGE, LIVERPOOL - MASTERPLAN - R3****COPIED FROM AL-FAISAL COLLEGE, LIVERPOOL - MASTERPLAN****Estimate Details**

Code	Description	Quantity	Unit	Rate	Total
	<u>Demolition</u>				
55/A	Allowance to demolish temporary bioretention basin	1	item	75,000.00	75,000
	<u>Sub-total:</u>				<u>75,000</u>
55/B	Contractor Prelims & Margins	19	%	750.00	14,250
	<u>Total</u>				<u>89,250</u>
	Total - Demolition				89,250

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Temporary Works & Site Preparation</u>				
	<u>Temporary Works</u>				
56/A	Allowance for fencing	483	m	65.00	31,367
56/B	Allowance to make good construction site access on completion	1	Item	5,000.00	5,000
	<u>Site Preparation</u>				
56/C	Stip topsoil and stockpile on site	8,306	m2	3.00	24,919
56/D	Allowance to remove existing temporary OSD including de-watering and earthworks	1	item	35,000.00	35,000
56/E	Allow to excavate OSD Tank	1	item	0.00	Msd Elsewhere
56/F	Allowance for bulk excavation including Car Park	13,605	m3	65.00	884,320
56/G	EXTRA for rippable rock excavation (Assume not required)	0	m3	40.00	Excluded
56/H	EXTRA for GSW removal – Assume 10%	2,721	t	172.00	468,009
56/J	EXTRA for RSW removal (Assumed no asbestos contamination – TBC)	0	t	0.00	Excluded
56/K	Trim & compact across site	8,306	m2	2.80	23,258
56/L	<u>Sub-total:</u>		m2		<u>1,471,873</u>
57/A	Contractor Prelims & Margins	19	%	14,719	279,656
	Total - Temporary Works & Site Preparation				1,751,529

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Site Infrastructure Services</u>				
	<u>Services Diversions</u>				
57/B	Allow for other sundry services diversions (Assume not required)		Item		Excluded
	<u>Electrical Services</u>				
57/C	EA Contributions (EXCLUDED)		Item		Excluded
57/D	Allowance for HV reticulation to new padmount transformer (Provisional Quantity)	5	m	1,500.00	7,500
57/E	Allowance for draw-pits	1	No	15,000.00	15,000
57/F	Assumed no requirement for HV ring main (EXCLUDED)		Item		Excluded
57/G	HV transformer – say 1 x 1000kW	1	No	80,000.00	80,000
57/H	HV feeder	1	Item	35,000.00	35,000
57/J	Design approval fees	1	Item	25,000.00	25,000
57/K	Sundry builders work	1	Item	10,000.00	10,000
	<u>Water & Sewer Services</u>				
57/L	Sect73 Headworks Fees (EXCLUDED)	1	Item		Excluded
57/M	Water mains connection	1	Item	15,000.00	15,000
57/N	Sewer mains connection	1	Item	25,000.00	25,000
57/P	Hydrant ring main & stand pipes	1	Item	70,000.00	70,000
57/Q	Extra for booster assembly	1	No	45,000.00	45,000
57/R	Allow for water storage tanks for fire services (assumed not required)	1	Item		Excluded
57/S	Sundry bwic	1	Item	10,000.00	10,000
	<u>Gas Services</u>				
57/T	Allowance for bottled gas infrastructure – Assuming no gas mains	1	Item	10,000.00	10,000
	<u>Stormwater Services</u>				
57/U	Allowance for stormwater connections to new stormwater infrastructure	1	Item	25,000.00	25,000
57/V	OSD Tank – Assume Required	1	no	412,527.59	412,528
57/W	<u>Sub-total:</u>		m2		<u>785,028</u>
57/X	Contractor Prelims & Margins	19	%	7,850	149,155
	Total - Site Infrastructure Services				934,183

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Basement Car Park</u>				
	<u>Basement Carpark (requires fire sprinklers)</u>				
	Bulk Excavation	Msd Elsewhere			
58/A	Basement carpark – assumed concrete slab on grade	4,732	m2	557	2,637,102
58/B	EXTRA for raised kerbs & walkways etc – allowance only	473	m2	120.00	56,781
58/C	Allow for lift & shaft	1	No	90,000.00	90,000
58/D	Ramp to GF	132	m2	250.00	32,955
58/E	<u>Sub-Total</u>	4,732	m2	595.31	<u>2,816,838</u>
59/A	Contractor Prelims & Margins	19	%	28,168.38	535,199
	Total - Basement Car Park				3,352,037

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Basement Car Park Lid</u>				
59/B	Roof to Basement Car Park	3,985	m2	450.00	1,793,043
59/C	EXTRA for stair exits	1	no	20,000.00	20,000
59/D	<u>Sub-total:</u>	3,985	m2	455.02	<u>1,813,043</u>
59/E	Contractor Prelims & Margins	19	%	18,130	344,478
60/A	<u>Sub-total:</u>	3,985	m2	541.47	<u>2,157,521</u>
	Total - Basement Car Park Lid				2,157,521

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Building Works</u>				
	<u>Structural Requirements</u>				
60/B	Allowance for footings to "Atrium" areas where suspended slabs are to be constructed – Excluded due to basement carpark structure below		m2		Excluded
60/C	Allowance for columns to support suspended slab creating "Atrium"	1,419	m2	55.00	78,045
60/D	Allowance for columns to suspended slabs to mitigate creating Cantilevers		m2		Included
	<u>Ground Floor</u>				
60/E	S8 – GF – Amenities	34	m2	5,500.00	188,210
60/F	S8 – GF – Canteen	225	m2	3,000.00	676,170
60/G	S8 – GF – Library	183	m2	3,800.00	695,514
60/H	S8 – GF – Staff	203	m2	2,650.00	536,970
60/J	S8 – GF – Student Services	81	m2	2,650.00	215,074
60/K	Circulation	143	m2	2,200.00	314,600
60/L	Sub-Total	869	m2	3,020.99	2,626,538
	<u>Level 1</u>				
60/M	S8 – L1 – Amenities	9	m2	5,500.00	47,960
60/N	S8 – L1 – GLA	827	m2	2,500.00	2,067,925
60/P	S8 – L1 – Seminar	44	m2	2,500.00	110,450
60/Q	S8 – L1 – Shared Space	178	m2	2,400.00	426,744
60/R	S8 – L1 – Staff	18	m2	2,650.00	48,707
60/S	S8 – L1 – Store	45	m2	2,000.00	90,060
60/T	S8 – L1 – Void	204	m2	0.00	0
60/U	Circulation	808	m2	2,200.00	1,777,600
60/V	Sub-Total	2,133	m2	2,142.12	4,569,446
	<u>Level 2</u>				
60/W	S8 – L2 – GLA	953	m2	2,500.00	2,383,675
60/X	S8 – L2 – Seminar	45	m2	2,500.00	111,750
60/Y	S8 – L2 – Shared Space	228	m2	2,400.00	546,864
60/Z	S8 – L2 – Staff	18	m2	2,650.00	48,999
60/AA	S8 – L2 – Store	55	m2	2,000.00	109,840
60/AB	S8 – L2 – Void	104	m2	0.00	0
60/AC	Circulation	730	m2	2,200.00	1,606,000
60/AD	Sub-total:	2,133	m2	2,253.31	4,807,128
	<u>Roof</u>				
60/AE	Roof Slab – For Plant	2,398	m2	330.00	791,218
60/AF	Parapet Wall – Assume 80% overall perimeter	264	m2	450.00	118,986
60/AG	Allowance for lift overrun and fire stair	1	item	50,000.00	50,000
60/AH	Allowance for raised walkways at L1	128	m2	1,504.54	192,085
	<u>Other Building Works</u>				

AL-FAISAL SCHOOL - LIVERPOOL**AL-FAISAL COLLEGE, LIVERPOOL - MASTERPLAN - R3****COPIED FROM AL-FAISAL COLLEGE, LIVERPOOL - MASTERPLAN****Estimate Details**

Code	Description	Quantity	Unit	Rate	Total
61/A	EXTRA for facade efficiency	2,856	m2	241.00	688,296
61/B	EXTRA for Kitchen Exhaust	1	item	60,000.00	60,000
61/C	Allow for sunshading / facade treatment @ 75% (NCC 2019 – ESD Req)	2,142	m2	150.00	321,300
61/D	EXTRA for A/C – To teaching spaces only	2,134	m2	380.00	810,810
61/E	EXTRA for A/C – Tempered Air – To remainder of Building – EXCL Storage, Plant etc	3,002	m2	120.00	360,266
61/F	EXTRA for fire rating to top level (Assumed not required, roof slab to top level)	0	m2		Excluded
61/G	Allow for lift & shaft to serve 3 x floors	1	No	180,000	180,000
61/H	Sub-total:	5,136	m2	3,047.96	15,654,117
61/J	Contractor Prelims & Margins	19	%	156,541	2,974,282
62/A	Sub-total:	5,136	m2	3,627.07	18,628,399
	Total - Building Works				18,628,399

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>External Works</u>				
	<u>External Works</u>				
62/B	Main entry feature	1	Item	10,000.00	10,000
62/C	Paved area/walkways	1,888	m2	250.00	472,118
62/D	Other pavements throughout	4,234	m2	150.00	635,093
62/E	External Stairs	49	m	750.00	36,945
62/F	Landcaping/Planters	856	m2	120.00	102,696
62/G	Allowance for trees	25	no	1,500.00	37,500
62/H	Bus Bay and makegood Gurner Ave	1	item	250,000.00	250,000
62/J	External works allowance to remaining areas – msd overall – includes sundry retaining walls, signage, landscaping, stairs, pathways, covered ways, lighting etc	856	m2	90.00	77,022
	<u>Sub-total:</u>				<u>1,621,373</u>
63/A	Contractor Prelims & Margins	19	%	16,214	308,061
	Total - External Works				1,929,434

AL-FAISAL SCHOOL - LIVERPOOL**AL-FAISAL COLLEGE, LIVERPOOL - MASTERPLAN - R3****COPIED FROM AL-FAISAL COLLEGE, LIVERPOOL - MASTERPLAN****Estimate Details**

Code	Description	Quantity	Unit	Rate	Total
	<u>Demolition</u>				
63/B	Allowance for demolish existing on-grade car park	6,000	m2	10.00	60,000
	<u>Sub-total:</u>				<u>60,000</u>
63/C	Contractor Prelims & Margins	19	%	600.00	11,400
	<u>Total</u>				<u>71,400</u>
	Total - Demolition				71,400

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Temporary Works & Site Preparation</u>				
	<u>Temporary Works</u>				
64/A	Allowance for fencing	413	m	65.00	26,871
64/B	Allowance to make good construction site access on completion	1	Item	5,000.00	5,000
	<u>Site Preparation</u>				
64/C	Stip topsoil and stockpile on site	10,076	m2	3.00	30,228
64/D	Allowance for bulk excavation including Car Park	21,048	m3	65.00	1,368,123
64/E	EXTRA for rippable rock excavation (Assume not required)	0	m3	40.00	Excluded
64/F	EXTRA for GSW removal – Assume 10%	4,210	t	172.00	724,053
64/G	EXTRA for RSW removal (Assumed no asbestos contamination – TBC)	0	t	0.00	Excluded
64/H	Trim & compact across site	10,076	m2	2.80	28,213
64/J	<u>Sub-total:</u>		m2		<u>2,182,488</u>
65/A	Contractor Prelims & Margins	19	%	21,825	414,673
	Total - Temporary Works & Site Preparation				2,597,160

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Site Infrastructure Services</u>				
	<u>Services Diversions</u>				
65/B	Allow for other sundry services diversions (Assume not required)		Item		Excluded
	<u>Electrical Services</u>				
65/C	EA Contributions (EXCLUDED)		Item		Excluded
65/D	Allowance for HV reticulation to new padmount transformer (Provisional Quantity)	150	m	1,500.00	225,000
65/E	Allowance for draw-pits	1	No	15,000.00	15,000
65/F	Assumed no requirement for HV ring main (EXCLUDED)		Item		Excluded
65/G	HV transformer – say 1 x 1000kW	1	No	80,000.00	80,000
65/H	HV feeder	1	Item	35,000.00	35,000
65/J	Design approval fees	1	Item	25,000.00	25,000
65/K	Sundry builders work	1	Item	10,000.00	10,000
	<u>Water & Sewer Services</u>				
65/L	Sect73 Headworks Fees (EXCLUDED)	1	Item		Excluded
65/M	Water mains connection	1	Item	40,000.00	40,000
65/N	Sewer mains connection	1	Item	60,000.00	60,000
65/P	Hydrant ring main & stand pipes	0	Item	70,000.00	0
65/Q	Extra for booster assembly	0	No	45,000.00	0
65/R	Allow for water storage tanks for fire services (assumed not required)	1	Item		Excluded
65/S	Sundry bwic	1	Item	20,000.00	20,000
	<u>Gas Services</u>				
65/T	Allowance for bottled gas infrastructure – Assuming no gas mains	1	Item	10,000.00	10,000
	<u>Stormwater Services</u>				
65/U	Allowance for stormwater connections to new stormwater infrastructure	1	Item	75,000.00	75,000
65/V	<u>Sub-total:</u>		m2		<u>595,000</u>
65/W	Contractor Prelims & Margins	19	%	5,950	113,050
	Total - Site Infrastructure Services				708,050

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Basement Car Park</u>				
	<u>Basement Carpark (requires fire sprinklers)</u>				
	Bulk Excavation	Msd Elsewhere			
66/A	Basement carpark – assumed concrete slab on grade	7,563	m2	520	3,936,503
66/B	EXTRA for raised kerbs & walkways etc – allowance only	756	m2	120.00	90,757
66/C	Allow for lift & shaft	1	No	90,000.00	90,000
66/D	Ramp to GF	100	m2	250.00	25,040
66/E	<u>Sub-Total</u>	7,563	m2	547.70	<u>4,142,300</u>
67/A	Contractor Prelims & Margins	19	%	41,423.00	787,037
	Total - Basement Car Park				4,929,337

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Basement Car Park Lid</u>				
67/B	Basement Car Park	5,229	m2	450.00	2,353,050
67/C	EXTRA for stair exits	1	no	20,000.00	20,000
67/D	<u>Sub-total:</u>	5,229	m2	453.82	<u>2,373,050</u>
67/E	Contractor Prelims & Margins	19	%	23,731	450,880
68/A	<u>Sub-total:</u>	5,229	m2	540.05	<u>2,823,930</u>
	Total - Basement Car Park Lid				2,823,930

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Building Works</u>				
	<u>Ground Floor</u>				
68/B	S11 – Multi-Purpose Hall Complete	2,334	m2	3,084.00	7,198,241
68/C	Sub-Total	2,334	m2	3,084.00	7,198,241
	<u>Roof</u>				
68/D	Assume Metal Roof	2,334	m2		Included
	<u>Other Building Works</u>				
68/E	EXTRA for facade efficiency	1,371	m2	310.00	425,010
68/F	EXTRA for Kitchen Exhaust	1	item	60,000.00	60,000
68/G	Allow for sunshading / facade treatment @ 75% (NCC 2019 – ESD Req)	1,028	m2	150.00	154,238
68/H	EXTRA for A/C – To teaching spaces only	0	m2		Excluded
68/J	EXTRA for A/C – Tempered Air – To remainder of Building	0	m2		Included
68/K	EXTRA for fire rating to top level (Assumed not required, roof slab to top level)	0	m2		Excluded
68/L	Sub-total:	2,334	m2	3,357.88	7,837,489
68/M	Contractor Prelims & Margins	19	%	78,375	1,489,123
69/A	Sub-total:	2,334	m2	3,995.87	9,326,611
	Total - Building Works				9,326,611

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>External Works</u>				
	<u>External Works</u>				
69/B	Paved area/walkways	4,004	m2	250.00	1,001,015
69/C	Allowance for natural turf including soil and irrigation	1,056	m2	89.00	93,984
69/D	Allowance for trees	15	no	1,500.00	22,500
69/E	Allowance for Basketball Courts	1,631	m2	85.00	138,614
69/F	Allowance for Basketball court equipment	7	no	2,750.00	19,250
69/G	Allowance for Basketball court line marking	7	no	1,500.00	10,500
69/H	Allowance for Football field – Assumed synthetic due to being constructed above carpark	1,052	m2	299.00	314,560
69/J	Allowance for Football goals etc	1	item	12,000.00	12,000
69/K	External works allowance to remaining areas – msd overall – includes sundry retaining walls, signage, landscaping, stairs, pathways, covered ways, lighting etc	1,056	m2	90.00	95,040
	<u>Sub-total:</u>				<u>1,707,463</u>
69/L	Contractor Prelims & Margins	19	%	17,075	324,418
	Total - External Works				2,031,881

Estimate Details

Code	Description	Quantity	Unit	Rate	Total
	<u>Loose FF&E, ICT & Decanting</u>				
	<u>FF&E Allowance</u>				
70/A	FF&E & ICT – Primary School	1,740	stud ents	1,800.00	3,132,000
70/B	FF&E & ICT – Secondary School	2,520	stud ents	2,800.00	7,056,000
	<u>Decanting</u>				
70/C	Allowance to decant existing FF&E	1,200	no	100.00	120,000
	Total - Loose FF&E, ICT & Decanting				10,308,000

Mr Craig Kerslake
PMDL Architecture & Design
Level 17, 124 Walker Street
North Sydney NSW 2060

13 October 2020

Dear Sir,

RE: CIV SUBMISSION FOR AL-FAISAL COLLEGE, LIVERPOOL

As requested, we have prepared an estimate of Capital Investment Value (CIV) for the above project and advise the estimated cost shown in the attached Summary is;

	\$
Estimated Capital Investment Value at October 2020	\$281,000,450
Note: The above costs exclude GST	

We note the estimate has been based on Masterplan design documentation prepared by PDML.

The estimate has been prepared based on the documents attached in Appendix A. We have relied on the documents prepared by the Consultants.

Our estimate is prepared based on the definition of Capital Investment Value (CIV) per the SEPP Amendment and Environmental Planning and Assessment Regulations 2000 and Planning Circular PS10-008, as follows:

“Capital investment value of a development or project includes all costs necessary to establish and operate the project, including the design and construction of buildings, structures, associated infrastructure and fixed or mobile plant and equipment, other than the following costs:

- a) amounts payable, or the cost of land dedicated or any other benefit provided, under a condition imposed under Division 6 or 6A of Part 4 of the Environmental Planning and Assessment Act or a planning agreement under that Division*
- b) costs relating to any part of the development or project that is the subject of a separate development consent or project approval*
- c) land costs (including any costs of marketing and selling land)*
- d) GST (as defined by A New Tax System (Goods and Services Tax) Act 1999 of the Commonwealth).”*

We specifically note that our estimate is based on preliminary and conceptual design information and as a consequence, we have made a number of assumptions in relation to the project requirements. The estimates may be subject to change as the design develops.

A 'high level' estimates of jobs created by the future development during the construction and operational phases are as follows:

- Construction Phase – The project would support 298 jobs in the construction industry over the development period;
- Operational Phase – In total, the Al-Faisal College, Liverpool has the potential to accommodate 237 jobs once the project has been completed.

Should you require any further information or wish to discuss any aspect of the attached please do not hesitate to contact us.

Yours faithfully
WT Partnership



GARY BOYD
National Director

1 ESTIMATED APPROVAL

SUMMARY OF ESTIMATED COSTS

	\$
BUILDING WORKS INCLUDING PRELIMINARIES, PROFIT, AND OVERHEADS	251,979,251
WORKS OUTSIDE SITE BOUNDARIES (ROAD WORKS)	5,819,327
PROFESSIONAL FEES	23,201,872
DEPARTMENT COSTS	Excluded
AUTHORITY FEES (OTHER THAN LONG SERVICE LEVIES)	Excluded
SECTION 94 CONTRIBUTIONS	Excluded
MARKETING FEES	Excluded
SALES COSTS/ FEES	Excluded
FINANCE COSTS/ FEES	Excluded
ESTIMATED CAPITAL INVESTMENT VALUE (EXCLUDING GST)	\$281,000,450

APPENDIX A

SCHEDULE OF DOCUMENTATION USED

SCHEDULE OF INFORMATION USED

AL-FAISAL COLLEGE, LIVERPOOL

29th September 2020

DOCUMENTS

2891 Client Presentation Package

2891 Staging Analysis (19.05.20)

2891 Staging Plans (19.08.20)

2891_Prim_Sch_Masterplan_SSDA-DRAFT

2891_Primary_School_Gurner Block

2891_Primary_School_Junior

2891_Primary_School_Senior_Buildings

2891-01-Secondary School Masterplan

19E51 - CIVIL - WEST AVE - LONG SECTION OPTION 1

19E51 - CIVIL - WEST AVE - PLAN OPTION 1

Engineering Siteworks Plan - Sheet 1,2,3

P20495 - PS - G - 001

P20495 - SS - G - 001 - 2