

**UNIVERSITY OF KARACH**  
**DEPARTMENT OF BIOTECHNOLOGY (LEFT OVER QUANTITY)**  
**GROUND FLOOR**  
**COMPARATIVE STATEMENTS**  
**PART - A**

CIVIL WORK				Prevailing Market Rates		M/s. Hamza Enterprises.		M/s. Nasim Co. (Pvt.) Ltd.		M/s. Housing Enterprises.		M/s. Precise Constructors.		M/s. Tahir Enterprises.		M/s. Muhandaseen (Pvt.) Ltd.	
ITEM NO	DESCRIPTION	UNIT	Quantity	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT
1	<b>EXCAVATION AND BACKFILLING</b> Excavation in foundation and trenches in all kinds of soils including all operations of dewatering, leveling, dressing and remaining the excavation and surface and throwing earth clear of edges of excavation, stock piling and backfilling the excavated material in 6" layers in excavated pits, depressions, under the floor or where required within the boundary to and for complete with breaking density and disposal of surplus earth at the designated place within the boundary or as per instructions of Engineer in proper grades, all complete as per drawings, specification & as directed by the Engineer.	Cft	500.00	8.00	4,000.00	15.00	7,500.00	20.00	10,000.00	15.00	7,500.00	20.00	10,000.00	7.00	3,500.00	12.00	6,000.00
a)		Cft	100.00	20.00	2,000.00	22.00	2,200.00	30.00	3,000.00	20.00	2,000.00	50.00	5,000.00	20.00	2,000.00	25.00	2,500.00
b)	Soft Rock	Cft	100.00	30.00	3,000.00	30.00	3,000.00	40.00	4,000.00	35.00	3,500.00	80.00	8,000.00	35.00	3,500.00	30.00	3,000.00
c)	Hard Rock																
2	<b>TERMITE PROOFING</b> Providing termite control by spray of pesticide with solution of Durban mixed with clear water in excavation including wall & bottom of all pits, trenches for footings, foundation under the floors, socket piled earth for backfilling & area around the buildings upto 10'-0" distance from the outer faces including treating all wood work by mixing pesticides in pure turpentine as per specification and directions of the Engineer. (Measured on the basis of plinth area of the building but to include all activities as described).	Sft	31,600.00	6.00	189,600.00	6.00	189,600.00	4.00	126,400.00	20.00	632,000.00	12.00	379,200.00	6.00	189,600.00	8.00	252,800.00
3	<b>REINFORCED CONCRETE 1:4:8 (28 days cylinder strength fc' 850 lbs/sqin)</b> Providing and laying plain cement 1:4:8 using O.P cement in foundations, under floor or where require with approved quality 1" dawn graded crush and approve quality sand to give specified strengths including all machine mixing, pouring, compaction and curing including formwork where required, all complete as per drawings, specifications and as directed by the Engineer.	Cft	250.00	95.00	23,750.00	80.00	20,000.00	180.00	45,000.00	125.00	31,250.00	148.00	37,000.00	97.00	24,250.00	140.00	35,000.00
4	<b>REINFORCED CONCRETE 1:3:6 (28 days cylinder strength fc' 2500 nsi)</b> Providing and laying plain cement 1:3:6 using O.P cement in foundations, under floor & wall appropriate formwork and with approved quality 3/4" dawn graded crush and approved quality sand meeting with the specifications for required concrete strength including required formwork and all machine mixing, pouring, rodding, compaction with vibrators and curing all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the Engineer (Steel reinforcement excluded).	Cft	200.00	166.00	33,200.00	110.00	22,000.00	220.00	44,000.00	140.00	28,000.00	195.00	39,000.00	149.00	29,800.00	225.00	45,000.00

**UNIVERSITY OF KARACHI**  
**DEPARTMENT OF BIOTECHNOLOGY (LEFT OVER QUANTITY)**  
**GROUND FLOOR**  
**COMPARATIVE STATEMENTS**  
**PART - A**

CIVIL WORK				Prevailing Market Rates		M/s. Hamza Enterprises.		M/s. Nasim Co. (Pvt.) Ltd.		M/s. Housing Enterprises.		M/s. Precise Constructors.		M/s. Tahir Enterprises.		M/s. Muhandaseen (Pvt.) Ltd.	
ITEM NO	DESCRIPTION	UNIT	Quantity	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT
5	<b>REINFORCED CONCRETE 1:2:4 (28 days cylinder strength fc' 2500 psi)</b> Providing and laying smooth finished reinforced cement concrete 1:2:4 with O.P cement, appropriate formwork and with approved quality 3/4" down graded crush and approved quality sand meeting with the specifications for required concrete strength including required formwork and all machine mixing, pouring, rodding, compaction with vibrators and curing all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the Engineer (Steel reinforcement excluded).																
a)	Foundation / Base slab	Cft	100.00	150.00	15,000.00	140.00	14,000.00	240.00	24,000.00	270.00	27,000.00	220.00	22,000.00	170.00	17,000.00	225.00	22,500.00
b)	Plinth Beams	Cft	100.00	190.00	19,000.00	190.00	19,000.00	270.00	27,000.00	320.00	32,000.00	260.00	26,000.00	200.00	20,000.00	275.00	27,500.00
c)	Beams And Lintols	Cft	200.00	230.00	46,000.00	190.00	38,000.00	340.00	68,000.00	320.00	64,000.00	280.00	56,000.00	200.00	40,000.00	315.00	63,000.00
d)	6" thick slab including projection	Cft	600.00	190.00	114,000.00	200.00	120,000.00	300.00	180,000.00	340.00	204,000.00	260.00	156,000.00	190.00	114,000.00	300.00	180,000.00
e)	3" thick waffle slab	Cft	4,800.00	280.00	1,344,000.00	550.00	2,640,000.00	200.00	960,000.00	700.00	3,360,000.00	495.00	2,376,000.00	375.00	1,800,000.00	350.00	1,680,000.00
f)	Staircase	Cft	2,700.00	230.00	621,000.00	250.00	675,000.00	180.00	486,000.00	330.00	891,000.00	280.00	756,000.00	250.00	675,000.00	350.00	945,000.00
g)	Counter	Cft	300.00	250.00	75,000.00	250.00	75,000.00	300.00	90,000.00	425.00	127,500.00	310.00	93,000.00	250.00	75,000.00	350.00	105,000.00
h)	RIB + SLAB	Cft	450.00	280.00	126,000.00	300.00	135,000.00	300.00	135,000.00	425.00	191,250.00	415.00	186,750.00	250.00	112,500.00	375.00	168,750.00
i)	RCC fins at window	Cft	-----	-----	-----	500.00	-----	400.00	-----	-----	-----	-----	-----	1,500.00	-----	-----	-----
6	<b>REINFORCED CONCRETE 1:1 1/2:3 (28 days cylinder strength fc' 3000 psi) in Columns</b> Providing and laying plain cement 1:1 1/2:3 using O.P cement in compound wall columns appropriate formwork and with approved quality 3/4" down graded crush and approved quality sand meeting with the specifications for required concrete strength including required formwork and all machine mixing, pouring, rodding, compaction with vibrators and curing all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the Engineer (Steel reinforcement excluded).																
a)	Column upto Plinth	Cft	50.00	230.00	11,500.00	230.00	11,500.00	310.00	15,500.00	360.00	18,000.00	360.00	18,000.00	250.00	12,500.00	380.00	19,000.00
b)	Super structure column	Cft	100.00	250.00	25,000.00	240.00	24,000.00	330.00	33,000.00	360.00	36,000.00	390.00	39,000.00	250.00	25,000.00	410.00	41,000.00
7	<b>STEEL REINFORCEMENT</b> Providing, making and fixing steel reinforcement bars i/c cleanings, straightening, cutting, bending & placing in position with 18 gauge G.I. binding wire, steel chairs & concrete spacer blocks all complete as per drawings, specifications and as directed by the Engineer.																
a)	Tor Steel	Tons	71.00	110,000.00	7,810,000.00	76,500.00	5,431,500.00	87,000.00	6,177,000.00	87,000.00	6,177,000.00	72,500.00	5,147,500.00	74,000.00	5,254,000.00	81,000.00	5,751,000.00
8	<b>BLOCK MASONRY IN FOUNDATION</b> Providing and laying 1:3:6 Mix machine made solid block masonry in foundation laid and jointed with 1:6 cement sand machine mixed mortar using approved quality sand. Masonry to be laid in courses true the line, level and plumb, property cured All work to be completed as per drawing specification and as directed by the Engineer.																
		Cft	1,410.00	100.00	141,000.00	95.00	133,950.00	120.00	169,200.00	70.00	98,700.00	140.00	197,400.00	110.00	155,100.00	135.00	190,350.00
<b>TOTAL Rs.</b>					<b>10,603,050.00</b>		<b>9,561,250.00</b>		<b>8,597,100.00</b>		<b>11,930,700.00</b>		<b>9,551,850.00</b>		<b>8,552,750.00</b>		<b>9,537,400.00</b>

**UNIVERSITY OF KARACH**  
**DEPARTMENT OF BIOTECHNOLOGY (LEFT OVER QUANTITY)**  
**FIRST FLOOR**  
**COMPARATIVE STATEMENTS**  
**PART - A**

CIVIL WORK			Prevailing Market Rates		M/s. Hamza Enterprises.		M/s. Nasim Co. (Pvt.) Ltd.		M/s. Housing Enterprises.		M/s. Precise Constructors.		M/s. Tahir Enterprises.		M/s. Muhandaseen (Pvt.) Ltd.		
ITEM NO	DESCRIPTION	UNIT	Quantity	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT
1	<b>REINFORCED CONCRETE 1:2:4 (28 days cylinder strength fc' 2500 psi)</b> Providing and laying smooth finished reinforced cement concrete 1:2:4 with O.P cement, appropriate formwork and with approved quality 3/4" down graded crush and approved quality sand meeting with the specifications for required concrete strength including required formwork and all machine mixing, pouring, rodding, compaction with vibrators and curing all complete with all necessary measures to produce concrete to true lines, levels and plumbas per drawings, specifications and as directed by the Engineer (Steel reinforcement excluded).																
a)	Beams And Lintels	Cft	50.00	240.00	12,000.00	210.00	10,500.00	350.00	17,500.00	360.00	18,000.00	380.00	19,000.00	200.00	10,000.00	325.00	16,250.00
b)	6" thick slab including projection	Cft	170.00	200.00	34,000.00	200.00	34,000.00	310.00	52,700.00	360.00	61,200.00	440.00	74,800.00	190.00	32,300.00	325.00	55,250.00
c)	Staircase steps landing and waist	Cft	-----	-----	-----	250.00	-----	280.00	-----	-----	-----	-----	-----	250.00	-----	-----	-----
d)	Counter & Shelf	Cft	-----	-----	-----	300.00	-----	320.00	-----	-----	-----	-----	-----	250.00	-----	-----	-----
e)	Lift walls	Cft	-----	-----	-----	210.00	-----	380.00	-----	-----	-----	-----	-----	300.00	-----	-----	-----
f)	RCC fins at window	Cft	-----	-----	-----	500.00	-----	420.00	-----	-----	-----	-----	-----	1,500.00	-----	-----	-----
g)	3" thick waffle slab	Cft	-----	-----	-----	550.00	-----	360.00	-----	-----	-----	-----	-----	375.00	-----	-----	-----
h)	Coping	Cft	-----	-----	-----	300.00	-----	400.00	-----	-----	-----	-----	-----	1,200.00	-----	-----	-----
i)	3" thick rib slab	Cft	-----	-----	-----	250.00	-----	400.00	-----	-----	-----	-----	-----	250.00	-----	-----	-----
2	<b>REINFORCED CONCRETE 1:1½:3 (28 days cylinder strength fc' 3000 psi) in Columns</b> Providing and laying plain cement 1:1 1/2:3 using O.P cement in compound wall columns appropriate formwork and with approved quality 3/4" down graded crush and approved quality sand meeting with the specifications for required concrete strength including required formwork and all machine mixing, pouring, rodding, compaction with vibrators and curing all complete with all necessary measures to produce concrete to true lines, levels and plumbas per drawings, specifications and as directed by the Engineer (Steel reinforcement excluded).																
a)	Super structure column	Cft	-----	-----	-----	240.00	-----	380.00	-----	-----	-----	-----	-----	-----	-----	-----	-----
3	<b>STEEL REINFORCEMENT</b> Providing, making and fixing steel reinforcement bars i/c cleanings, straightening, cutting, bending & placing in position with 18 gauge G.I. binding wire, steel chairs & concrete spacer blocks all complete as per drawings, specifications and as directed by the Engineer.																
a)	Tor Steel	Tons	0.80	111,000.00	88,800.00	76,500.00	61,200.00	94,000.00	75,200.00	87,000.00	69,600.00	100,000.00	80,000.00	74,000.00	59,200.00	81,000.00	64,800.00
<b>TOTAL Rs.</b>					<b>134,800.00</b>		<b>105,700.00</b>		<b>145,400.00</b>		<b>148,800.00</b>		<b>173,800.00</b>		<b>101,500.00</b>		<b>136,300.00</b>

**UNIVERSITY OF KARACHI**  
**DEPARTMENT OF BIOTECHNOLOGY (LEFT OVER QUANTITY)**  
**ROOF FLOOR**  
**COMPARATIVE STATEMENTS**  
**PART - A**

CIVIL WORK			Prevailing Market Rates		M/s. Hamza Enterprises.		M/s. Nasim Co. (Pvt.) Ltd.		M/s. Housing Enterprises.		M/s. Precise Constructors.		M/s. Tahir Enterprises.		M/s. Muhandaseen (Pvt.) Ltd.		
ITEM NO	DESCRIPTION	UNIT	Quantity	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT
1	<b>REINFORCED CONCRETE 1:2:4 (28 days cylinder strength fc' 2500 psi)</b> Providing and laying smooth finished reinforced cement concrete 1:2:4 with O.P cement, appropriate formwork and with approved quality 3/4" down graded crush and approved quality sand meeting with the specifications for required concrete strength including required formwork and all machine mixing, pouring, rodding, compaction with vibrators and curing all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the Engineer (Steel reinforcement excluded).																
a)	Beams And Lintels	Cft	150.00	250.00	37,500.00	220.00	33,000.00	360.00	54,000.00	360.00	54,000.00	390.00	58,500.00	200.00	30,000.00	350.00	52,500.00
b)	6" thick slab including projection	Cft	50.00	210.00	10,500.00	220.00	11,000.00	320.00	16,000.00	360.00	18,000.00	480.00	24,000.00	200.00	10,000.00	350.00	17,500.00
c)	Staircase steps landing and waist	Cft	-----	-----	-----	250.00	-----	300.00	-----	-----	-----	-----	-----	400.00	-----	-----	-----
d)	Counter & Shelf	Cft	-----	-----	-----	250.00	-----	340.00	-----	-----	-----	-----	-----	400.00	-----	-----	-----
e)	Lift walls	Cft	-----	-----	-----	250.00	-----	440.00	-----	-----	-----	-----	-----	400.00	-----	-----	-----
f)	RCC fins at window	Cft	-----	-----	-----	500.00	-----	480.00	-----	-----	-----	-----	1,500.00	-----	-----	-----	-----
g)	3" thick slab with RIB	Cft	236.00	300.00	70,800.00	250.00	59,000.00	330.00	77,880.00	450.00	106,200.00	490.00	115,640.00	250.00	59,000.00	400.00	94,400.00
h)	Parapet Walls	Cft	100.00	280.00	28,000.00	300.00	30,000.00	240.00	24,000.00	300.00	30,000.00	450.00	45,000.00	250.00	25,000.00	400.00	40,000.00
i)	3" thick rib slab	Cft	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	900.00	-----	-----	-----
2	<b>REINFORCED CONCRETE 1:1 1/2:3 (28 days cylinder strength fc' 3000 psi) in Columns</b> Providing and laying plain cement 1:1 1/2:3 using O.P cement in compound wall columns appropriate formwork and with approved quality 3/4" down graded crush and approved quality sand meeting with the specifications for required concrete strength including required formwork and all machine mixing, pouring, rodding, compaction with vibrators and curing all complete with all necessary measures to produce concrete to true lines, levels and plumb as per drawings, specifications and as directed by the Engineer (Steel reinforcement excluded).																
a)	Super structure column	Cft	60.00	270.00	16,200.00	230.00	13,800.00	350.00	21,000.00	340.00	20,400.00	480.00	28,800.00	250.00	15,000.00	425.00	25,500.00
3	<b>STEEL REINFORCEMENT</b> Providing, making and fixing steel reinforcement bars i/c cleanings, straightening, cutting, bending & placing in position with 18 gauge G.I. binding wire, steel chairs & concrete spacer blocks all complete as per drawings, specifications and as directed by the Engineer.																
a)	Tor Steel	Tons	2.00	112,000.00	224,000.00	76,500.00	153,000.00	100,000.00	200,000.00	87,000.00	174,000.00	74,000.00	148,000.00	74,000.00	148,000.00	81,000.00	162,000.00
<b>TOTAL Rs.</b>					<b>387,000.00</b>		<b>299,800.00</b>		<b>392,880.00</b>		<b>402,600.00</b>		<b>419,940.00</b>		<b>287,000.00</b>		<b>391,900.00</b>

**UNIVERSITY OF KARACHI**  
**DEPARTMENT OF BIOTECHNOLOGY (LEFT OVER QUANTITY)**  
**GROUND FLOOR**  
**COMPARATIVE STATEMENTS**  
**PART - A**

ELECTRICAL WORK				Prevailing Market Rates		M/s. Hamza Enterprises.		M/s. Nasim Co. (Pvt.) Ltd.		M/s. Housing Enterprises.		M/s. Precise Constructors.		M/s. Tahir Enterprises.		M/s. Muhandaseen (Pvt.) Ltd.	
ITEM NO	DESCRIPTION	UNIT	Quantity	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT
1	<b>INTERNAL POINT WIRING</b> Providing and wiring for light point, Exhaust fan ceiling fan, Wall bracket fanpoints & 5A switch socket outlet by 3x1.5mm.sq single core PVC cable in 20mm dia PVC conduit from switch board to light point including wiring of control switch for fan & lights.	Point	340.00	1,000.00	340,000.00	900.00	306,000.00	960.00	326,400.00	3,000.00	1,020,000.00	700.00	238,000.00	550.00	187,000.00	1,100.00	374,000.00
a)	Same as item 1a but point to point wiring.	Point	120.00	800.00	96,000.00	800.00	96,000.00	840.00	100,800.00	2,900.00	348,000.00	600.00	72,000.00	500.00	60,000.00	800.00	96,000.00
2	<b>INTERNAL CIRCUIT WIRING</b> Providing and wiring for light point & 5A switch socket outlet by 3x2.5mm.sq single core PVC cable in 25mm dia PVC conduit direct from DB to switch box.	Ckt	20.00	2,000.00	40,000.00	1,500.00	30,000.00	6,000.00	120,000.00	6,500.00	130,000.00	1,100.00	22,000.00	2,500.00	50,000.00	3,200.00	64,000.00
3	<b>POWER WIRING CIRCUIT (For 13 &amp; 15 Amp socket)</b> Providing and wiring by 3x2.5 mm.sq single core PVC cable in 20mm dia PVC conduit direct from DB to individual socket outlet.switch box.	Ckt	110.00	2,800.00	308,000.00	1,500.00	165,000.00	3,000.00	330,000.00	6,100.00	671,000.00	1,200.00	132,000.00	3,000.00	330,000.00	4,000.00	440,000.00
4	<b>POWER WIRING CIRCUIT (For A/C)</b> Providing and wiring by 3x6 mm.sq single core PVC cable in 25mm dia PVC conduit direct from DB to individual circuit breaker box. The box shall installed near the FCU.	Ckt	30.00	3,500.00	105,000.00	6,000.00	180,000.00	3,600.00	108,000.00	8,200.00	246,000.00	2,450.00	73,500.00	3,500.00	105,000.00	4,500.00	135,000.00
5	<b>TELEPHONE SYSTEM</b> Providing and installation Telephone/Intercom Jack Socket Outlet with all accessories complete as per drawings and specifications the make shall be MK or CLIPPSAL.	Nos	75.00	1,000.00	75,000.00	700.00	52,500.00	600.00	45,000.00	750.00	56,250.00	950.00	71,250.00	750.00	56,250.00	750.00	56,250.00
a)	Providing Cabling and Conduiting as per specifications.	Points	75.00	1,100.00	82,500.00	2,000.00	150,000.00	960.00	72,000.00	4,800.00	360,000.00	1,000.00	75,000.00	500.00	37,500.00	1,000.00	75,000.00
b)	Providing, fixing and commissioning Telephone Junction Box as per drawing and specification.	Nos	3.00	8,000.00	24,000.00	3,000.00	9,000.00	12,000.00	36,000.00	11,000.00	33,000.00	6,500.00	19,500.00	5,000.00	15,000.00	12,000.00	36,000.00
c)	Providing, cabling and conducting 20 pair cable.	Rft	245.00	100.00	24,500.00	300.00	73,500.00	50.00	12,250.00	115.00	28,175.00	180.00	44,100.00	70.00	17,150.00	150.00	36,750.00
<b>Total Amount</b>					<b>1,095,000.00</b>		<b>1,062,000.00</b>		<b>1,150,450.00</b>		<b>2,892,425.00</b>		<b>747,350.00</b>		<b>857,900.00</b>		<b>1,313,000.00</b>

**UNIVERSITY OF KARACHI**  
**DEPARTMENT OF BIOTECHNOLOGY (LEFT OVER QUANTITY)**  
**PUBLIC ADDRESS SYSTEM**  
**COMPARATIVE STATEMENTS**  
**PART - A**

ELECTRICAL WORK				Prevailing Market Rates		M/s. Hamza Enterprises.		M/s. Nasim Co. (Pvt.) Ltd.		M/s. Housing Enterprises.		M/s. Precise Constructors.		M/s. Tahir Enterprises.		M/s. Muhandaseen (Pvt.) Ltd.	
ITEM NO	DESCRIPTION	UNIT	Quantity	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT
1	Supply & installation of wiring with 2C x 1.5mm.sq standard copper flexible wire including 3/4" dia PVC conduit for music system complete in all respects as per drawings and specifications.	Points	21.00	1,000.00	21,000.00	1,200.00	25,200.00	1,500.00	31,500.00	4,000.00	84,000.00	1,250.00	26,250.00	1,000.00	21,000.00	2,500.00	52,500.00
<b>Total Amount</b>					<b>21,000.00</b>		<b>25,200.00</b>		<b>31,500.00</b>		<b>84,000.00</b>		<b>26,250.00</b>		<b>21,000.00</b>		<b>52,500.00</b>