

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

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	BLOCK MASONRY IN SUPER STRUCTURES Providing and laying 1:3:6 Mix machine made solid block masonry in compound wall on perimeter of the building (excluding front side), laid and jointed with 1:6 cement sand machine mixed mortar using approved quality screened river sand. Masonry to be laid in courses true the line, level and plumb, properly cured and the external surface of masonry walls to be grinded smooth. Masonry wall abutting R.C.C concrete to be tied with approved, column ties. All work to be completed as per drawings specification and as directed by the Engineer.																
	i) 12" Thick solid block	Sft	950.00	100.00	95,000.00	120.00	114,000.00	200.00	190,000.00	85.00	80,750.00	164.00	155,800.00	115.00	109,250.00	140.00	133,000.00
	ii) 8" Thick solid block	Sft	2,450.00	65.00	159,250.00	80.00	196,000.00	150.00	367,500.00	70.00	171,500.00	90.00	220,500.00	85.00	208,250.00	120.00	294,000.00
	iii) 6" Thick solid block	Sft	4,150.00	55.00	228,250.00	60.00	249,000.00	100.00	415,000.00	70.00	290,500.00	74.00	307,100.00	55.00	228,250.00	95.00	394,250.00
	iv) 4" Thick solid block	Sft	770.00	40.00	30,800.00	80.00	61,600.00	80.00	61,600.00	70.00	53,900.00	70.00	53,900.00	40.00	30,800.00	70.00	53,900.00
2	PLAIN CEMENT PLASTER Providing and laying 1/2" thick 1:4 plaster with cement sand machine mixed mortar, using approved quality screened sand, including all bends, corners, recesses and also including hacking the concrete surfaces and racking the masonry joints and providing 8" wide strip of wire mesh at masonry concrete joints, wetting the masonry surface and applying neeru base. All plaster to be finished smooth with steel float in true level, line and plumb and properly cured. All work to be completed as per drawings, specifications and as directed by the Engineer.																
	i) Ceiling	Sft	37,150.00	17.00	631,550.00	19.00	705,850.00	20.00	743,000.00	40.00	1,486,000.00	32.00	1,188,800.00	23.00	854,450.00	26.00	965,900.00
	ii) Internal surface	Sft	35,660.00	22.00	784,520.00	19.00	677,540.00	20.00	713,200.00	40.00	1,426,400.00	32.00	1,141,120.00	23.00	820,180.00	25.00	891,500.00
3	PLAIN CEMENT PLASTER (External) Providing and laying 1/2" thick 1:4 plaster with cement sand machine mixed mortar, using approved quality screened sand, including all bends, corners, recesses making groves, drip course etc. and also including hacking the concrete surfaces and racking the masonry joints and providing 8" wide strip the wire mesh at masonry concrete joints, wetting the masonry surface and applying neeru base. All plaster to be finished smooth with steel float in true level, line and plumb and properly cured. All work to be completed as per drawings, specifications and as directed by the Engineer.	Sft	21,700.00	28.00	607,600.00	19.00	412,300.00	30.00	651,000.00	45.00	976,500.00	36.00	781,200.00	27.00	585,900.00	35.00	759,500.00
4	TERRAZZO FLOOR Providing, laying and finishing terrazzo floor in grey/white cement laid in panel of maximum size of 3'x3' consisting of 3/8" thick terrazzo topping using no.3 marble chips shall be laid on top of 1 1/2" thick 1:2:4 concrete using approved graded crush and approved sand including 3" thick 1:4:8 concrete under bed over and including properly 6" stone soling and earth filling in 6" layers compacted to 95% AASHTO. Concrete to be machine mixed, poured, compacted and properly cured. Terrazzo floor is to be properly cured grinded and polished. All work to be completed as per drawings, specifications and as directed by the Engineer.																
	i) Terrazzo floor in grey cement w/o EARTH FILL	Sft	24,200.00	110.00	2,662,000.00	99.00	2,395,800.00	100.00	2,420,000.00	110.00	2,662,000.00	98.00	2,371,600.00	125.00	3,025,000.00	200.00	4,840,000.00
	ii) Terrazzo floor in white cement w/o EARTH FILL	Sft	20,200.00	120.00	2,424,000.00	99.00	1,999,800.00	105.00	2,121,000.00	110.00	2,222,000.00	124.00	2,504,800.00	135.00	2,727,000.00	245.00	4,949,000.00

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

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	NON SKID CERAMIC TILE FLOOR Providing, laying, fixing and finishing approved quality and colour approved brand glazed ceramic tiles set with cement neeru and filling the joints with neat white cement using matching colour pigment over and inclusive of 2" thick 1:2:4 concrete and 3" thick 1:4:8 concrete under bed over and including properly compacted 6" thick stone and earth filling in 6" layer including all finishing and polishing complete all as per drawings, specifications and as directed by the Engineer.	Sft	1,250.00	140.00	175,000.00	110.00	137,500.00	220.00	275,000.00	180.00	225,000.00	190.00	237,500.00	135.00	168,750.00	245.00	306,250.00
6	PLAIN CONCRETE FLOOR Providing and laying steel trowelled smooth finish flooring, laid in alternate panels of approximately 25 sft aarea using proper screeds, and comprising of 2" thick 1:2:4 plain cement concrete floor using 3/8" down graded gravel/crush and approved quality sand as specified over and inclusive of 4" thick 1:4:8 mix concrete under bed. Before earth filling, stone soling with mechanical compactor completed. Earth filling under the floor is included and is to be laid in layers and to be fully compacted mechanically to 95% AASHTO density. Concrete to be machine mixed, poured, compacted mechanical and cured. All work to be completed as per drawings, specifications and as directed by the Engineer.	Sft	200.00	50.00	10,000.00	75.00	15,000.00	100.00	20,000.00	180.00	36,000.00	130.00	26,000.00	110.00	22,000.00	130.00	26,000.00
7	PLAIN CONCRETE FINISHES ON STEPS AND RISER Providing laying, fixing and finishing 1"thick 1:4 cement sand mortar over steps with 3/8" wide grooves including all curing and finishes etc. all complete as per drawings, specifications and as directed by the Engineer.	Sft	1,550.00	37.00	57,350.00	19.50	30,225.00	20.00	31,000.00	130.00	201,500.00	45.00	69,750.00	50.00	77,500.00	50.00	77,500.00
8	TERRAZZO SKIRTING Providing and fixing terrazzo skirting upto 4" high in white cement over and including 1/2" thick 1:4 cement sand mortar base plaster. Complete with cement paste including curing, cleaning, grinding and polishing etc. All work to be completed as per drawings, specifications and as directed by the Engineer.	Rft	2,900.00	85.00	246,500.00	22.00	63,800.00	90.00	261,000.00	95.00	275,500.00	72.00	208,800.00	80.00	232,000.00	75.00	217,500.00
9	GLAZED TILES SKIRTING AND DADO Providing and fixing approved Emco brand or approved equivalent glazed ceramics tiles of approved colour/shade in skirting/dado set in cement paste and filling the joints with neat white cement using matching colour pigment including 3/8" thick 1:4 cement sand mortar base plaster all including curing, cleaning, finishing etc. complete as directed by the Engineer.	Sft	4,850.00	100.00	485,000.00	99.00	480,150.00	140.00	679,000.00	180.00	873,000.00	120.00	582,000.00	110.00	533,500.00	245.00	1,188,250.00
10	DESTEMPER Providing & applying 3 coats of approved quality & shade synthetic polyvinyle destemper with preparation of surface, putty filling, rubbing, cleaning and smoth finishing all complete as per drawings, specifications and as directed by the Engineer.	Sft	28,200.00	10.00	282,000.00	6.00	169,200.00	14.00	394,800.00	22.00	620,400.00	18.00	507,600.00	10.00	282,000.00	15.00	423,000.00

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ITEM NO	DESCRIPTION	UNIT	Quantity	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT
11	PLASTIC EMULSION PAINT Providing & applying 3 coats of approved quality & shade plastic emulsion paint over a coat of primer with preparation of surface, putty filling, rubbing, cleaning and smooth finishing all complete as per drawings, specifications and as directed by the Engineer.	Sft	41,500.00	13.00	539,500.00	9.00	373,500.00	20.00	830,000.00	30.00	1,245,000.00	22.00	913,000.00	15.00	622,500.00	18.00	747,000.00
12	WEATHER SHIELD Providing & applying 3 coats of approved quality & shade weather shield paint including all preparation of surfaces & applications as per instructions of manufacturer. All complete as per drawings and as per directed by the Engineer.	Sft	2,000.00	16.00	32,000.00	12.00	24,000.00	30.00	60,000.00	33.00	66,000.00	26.00	52,000.00	15.00	30,000.00	22.00	44,000.00
13	SNOWCEM Providing & applying 3 coats of approved quality snowcem including all preparation of surfaces & applications as per instructions of manufacturer's. All complete as per drawings and as per directed by the Engineer	Sft	18,000.00	12.00	216,000.00	15.00	270,000.00	12.00	216,000.00	32.00	576,000.00	26.00	468,000.00	15.00	270,000.00	20.00	360,000.00
14	WOODEN DOORS Providing, making and fixing in osition wooden doors with 16 gauge moulded sheet metal frame (chowkats) 11/2" thick solid core shutters with 1/8" thick commercial ply on both sides of deodar wood shutters with 3/8" thick lipping. Metal frame shall be filled with concrete and fixed with 4 Nos. 5" long brass hinges to each shutters, and 6 Nos. 9" long hold fasts made of flat iron 1"x1/8" thick with forked ends tarred and welded with metal frame embeded in masonry and with approved local hardware 2 Nos. 6" long tower obits and heavy duty approved quality standard door lock (alpha), approved door stay, and C.P. handles, 1/2"x1/2" wide arch tray all around door frame and approved polishing or 3 coats of approved enamel paint over primer coat and termite control and wood preservations applications (solignum) all complete as per drawings, specifications as directed by the Engineer.	Sft	595.00	600.00	357,000.00	350.00	208,250.00	900.00	535,500.00	550.00	327,250.00	395.00	235,025.00	425.00	252,875.00	600.00	357,000.00
14(a)	WOODEN DOORS WITHOUT METAL FRAME	RFT	494.00	450.00	222,300.00	190.00	93,860.00	500.00	247,000.00	650.00	321,100.00	260.00	128,440.00	375.00	185,250.00	385.00	190,190.00
15	Wooden door with 12" wide and 1/8" thick plastic sheet on both sides all other details remaining same as for (13) above.	Sft	460.00	650.00	299,000.00	183.00	84,180.00	950.00	437,000.00	890.00	409,400.00	495.00	227,700.00	475.00	218,500.00	600.00	276,000.00
16	ALUMINIUM WINDOW / VENTILATORS Providing and fixing approved quality anodized natural aluminium window/ventilator of suitable standard sections as recommended by the manufacturer for the size of windows/ventilators, with sliding flymesh panel and heavy duty aluminium netting with 1/4" thick 1st class approved local made glass, including all caulking rubber kits etc. complete as per drawings, manufacturer's specifications and as directed by the Engineer.	Sft	850.00	600.00	510,000.00	500.00	425,000.00	1,100.00	935,000.00	550.00	467,500.00	425.00	361,250.00	475.00	403,750.00	675.00	573,750.00

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ITEM NO	DESCRIPTION	UNIT	Quantity	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT
17	ALUMINIUM DOORS Providing and fixing approved quality anodized natural aluminium single or double shutter door with suitable standard sections as recommended by the manufacturer for the size of doors with 1/4" thick 1st class approved local made glass, including all caulking rubber kits hinges locks and all accessories etc. complete as per drawings, manufacturer's specifications and as directed by the Engineer.	Sft	290.00	800.00	232,000.00	500.00	145,000.00	1,200.00	348,000.00	525.00	152,250.00	580.00	168,200.00	500.00	145,000.00	800.00	232,000.00
18	M.S DOORS Providing, making and fixing in position steel swing/louvered doors of structural steel members as shown in the drawings 3/8" thick M.S louvers including all welding, nuts, bolts, rails, guide channels, hinges, angles, bearings and locking arrangements etc. including painting one shop rust resisting primer coat and 3 coats of approved enamel paint as per drawings, specifications and as directed by the Engineer.	Sft	130.00	500.00	65,000.00	300.00	39,000.00	900.00	117,000.00	425.00	55,250.00	990.00	128,700.00	475.00	61,750.00	600.00	78,000.00
19	WALKWAY Providing and laying 5'-0" wide plinth protection all around the building as shown on drawings comprising of 2" thick 1:2:4 concrete over 3" to 4" thick 1:4:8 concrete underbed, all concrete to be machine mixed using approved 3/8" down graded crush and approved sand, with curing, compacting etc. earth filling is included and to be compacted in 6" layers to 95% AASHTO dry density including supporting concrete members of CC 1:2:4 kerb stone to be cast as per site with completed. All work to be completed as per drawings, specifications and as per directed by the Engineer.	Sft	5,300.00	80.00	424,000.00	75.00	397,500.00	80.00	424,000.00	250.00	1,325,000.00	164.00	869,200.00	90.00	477,000.00	153.00	810,900.00
20	STAIRCASE RAILING																
A	Providing and fixing in position staircase railing with 3/4"x3/4" square anodized natural aluminium with approved powder coated colour aluminium balusters on each steps and 2"x3" deodar wood hand rail fixed on aluminium baluster as shown on drawing including approved polishing on hand rail all as per drawings, specifications and as directed by the Engineer.	Rft	120.00	850.00	102,000.00	400.00	48,000.00	1,500.00	180,000.00	700.00	84,000.00	980.00	117,600.00	1,000.00	120,000.00	2,200.00	264,000.00
B	Providing and fixing in position staircase railing but fixed on wall same as for (20.A) above.	Rft	-----	-----	-----	-----	-----	2,000.00	-----	-----	-----	-----	-----	800.00	-----	-----	-----
21	MARBLE TOP Providing and fixing in position 1" thick marble top at required sizes, shape, quality and colour over and including 1/2" thick 1:4 levelling mortar. Complete with cutting, grouting, making gola and polishing and finishing all as per drawings, specifications and as directed by the Engineer.	Sft	105.00	300.00	31,500.00	400.00	42,000.00	720.00	75,600.00	380.00	39,900.00	490.00	51,450.00	400.00	42,000.00	350.00	36,750.00
22	C.C JALI Providing, laying and jointing in 1:3 cement sand mortar 2" inch thick 1:4 cement sand mortar jali of approved design with casting, curing and fixing in position and curing etc. All complete as per drawings, specification and as directed by the Engineer.	Sft	160.00	115.00	18,400.00	50.00	8,000.00	60.00	9,600.00	80.00	12,800.00	130.00	20,800.00	75.00	12,000.00	100.00	16,000.00

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ITEM NO	DESCRIPTION	UNIT	Quantity	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT	RATE	AMOUNT
23	EXPANSION JOINT Providing, making and fixing 8" wide 22 gauge M.S powder coated sheet with V notch in expansion joint, horizontal and vertical, fixed with rawl plugs and screws to concrete. All complete as per drawings, specifications and as directed by the Engineer.	Rft	120.00	250.00	30,000.00	318.00	38,160.00	600.00	72,000.00	180.00	21,600.00	850.00	102,000.00	350.00	42,000.00	300.00	36,000.00
24	GYPSUM BOARD FALSE CEILING Providing, fixing in position Gypsum board false ceiling of approved manufacturers including all necessary hardware 12 gauge G.I wire hangers, aluminium tee angles base/wall moulding and cross N base etc, including fitting light fixture. Board sheet shall be painted with 3 coats of approved colour enamel paint with filling, preparing base all includes. All works to be completed as per specifications, drawings and as directed by the Engineer.	Sft	1,950.00	150.00	292,500.00	63.00	122,850.00	180.00	351,000.00	95.00	185,250.00	70.00	136,500.00	75.00	146,250.00	160.00	312,000.00
25	GREEN AREA Supplying, stacking and spreading approved garden soil (sweet earth) with an organic content of 25% which shall consist of well decomposed organic manure in uniform thickness of 12" thick including mixing and breaking clods and dressing fine and organic manure and watering and weeding till such time that the grass is well set and becomes green and is fit for mowing. The grass should be so planted that the lawn become adopted to new soil and local condition and shall be fully natural at the end of construction including supporting concrete members of CC 1:2:4 kerb stone to be cast as per site with completed. All work to be completed as per drawings, specifications and as directed by the Engineer.	Sft	13,000.00	25.00	325,000.00	49.00	637,000.00	20.00	260,000.00	40.00	520,000.00	60.00	780,000.00	35.00	455,000.00	60.00	780,000.00
TOTAL Rs.					12,575,020.00		10,664,065.00		14,440,800.00		17,409,250.00		15,116,335.00		13,388,705.00		20,633,140.00

UNIVERSITY OF KARACHI
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FIRST FLOOR
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CIVIL WORK				Prevalling 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	BLOCK MASONRY IN SUPER STRUCTURES																
	Providing and laying 1:3:6 Mix machine made solid block masonry in compound wall on perimeter of the building (excluding front side), laid and jointed with 1:6 cement sand machine mixed mortar using approved quality screened river sand. Masonry to be laid in courses true the line, level and plumb, properly cured and the external surface of masonry walls to be grinded smooth. Masonry wall abutting R.C.C concrete to be tied with approved, column ties. All work to be completed as per drawing specification and as directed by the Engineer.																
	I) 12" Thick hollow block	Sft	----	----	----	130.00	----	220.00	----	----	----	----	----	115.00	----	----	----
	II) 8" Thick hollow block	Sft	800.00	67.00	53,600.00	86.00	68,800.00	155.00	124,000.00	70.00	56,000.00	135.00	108,000.00	65.00	52,000.00	120.00	96,000.00
	III) 6" Thick solid block	Sft	950.00	57.00	54,150.00	64.00	60,800.00	105.00	99,750.00	70.00	66,500.00	78.00	74,100.00	55.00	52,250.00	95.00	90,250.00
	IV) 4" Thick solid block	Sft	200.00	42.00	8,400.00	75.00	15,000.00	85.00	17,000.00	70.00	14,000.00	74.00	14,800.00	40.00	8,000.00	70.00	14,000.00
2	PLAIN CEMENT PLASTER																
	Providing and laying 1/2" thick 1:4 plaster with cement sand machine mixed mortar, using approved quality screened sand, including all bends, corners, recesses and also including hacking the concrete surfaces and racking the masonry joints and providing 8" wide strip of wire mesh at masonry concrete joints, wetting the masonry surface and applying neeru base. All plaster to be finished smooth with steel float in true level, line and plumb and properly cured. All work to be completed as per drawings, specifications and as directed by the Engineer																
	i) Ceiling	Sft	2,000.00	17.50	35,000.00	19.00	38,000.00	30.00	60,000.00	40.00	80,000.00	36.00	72,000.00	23.00	46,000.00	26.00	52,000.00
	ii) Internal surface	Sft	3,400.00	22.50	76,500.00	19.00	64,600.00	30.00	102,000.00	40.00	136,000.00	36.00	122,400.00	23.00	78,200.00	25.00	85,000.00
3	PLAIN CEMENT PLASTER (External)																
	Providing and laying 1/2" thick 1:4 plaster with cement sand machine mixed mortar, using approved quality screened sand, including all bends, corners, recesses making grooves, drip course etc. and also including hacking the concrete surfaces and racking the masonry joints and providing 8" wide strip the wire mesh at masonry concrete joints, wetting the masonry surface and applying neeru base. All plaster to be finished smooth with steel float in true level, line and plumb and properly cured. All work to be completed as per drawings, specifications and as directed by the Engineer.	Sft	1,200.00	28.50	34,200.00	19.00	22,800.00	40.00	48,000.00	45.00	54,000.00	40.00	48,000.00	27.00	32,400.00	40.00	48,000.00
4	TERRAZZO FLOOR ON SLAB																
	Providing, laying and finishing terrazzo floor in grey cement laid in panel of maximum size of 3'x3' consist of 3/8" thick terrazzo topping using no.3 marble chips shall be laid on top of 1 1/2" thick 1:4 cement sand levelling screed. Total thickness to be 2" to slope where required on existing RCC slab. including curing, grinding, rubbing and polishing etc. All work to be completed as per drawings, specifications and as directed by the Engineer.																
	i) Terrazzo floor in grey cement	Sft	----	----	----	----	----	170.00	----	----	----	----	----	----	----	----	----
	ii) Terrazzo floor in white cement	Sft	----	----	----	----	----	180.00	----	----	----	----	----	----	----	----	----

UNIVERSITY OF KARACHI
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FIRST FLOOR
COMPARATIVE STATEMENTS

PART - B

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	NON SKID CERAMIC TILE FLOOR (ON FLOOR) Providing, laying, fixing and finishing approved quality and colour approved brand glazed ceramic tiles set with cement neeru and filling the joints with neat white cement using matching colour pigment on 1 1/2" thick 1:4 cement sand mortar bed under bed to be made rough and properly wetted including all finishing curing, complete all as per drawings, specifications and as directed by the Engineer.	Sft	-----	-----	-----	160.00	-----	250.00	-----	-----	-----	-----	-----	150.00	-----	-----	-----
6	PLAIN CONCRETE FLOOR ON SLAB Providing and laying steel trovelled smooth finish flooring, laid in alternate panels of approximately 25 sft area using proper screeds, and comprising of 2" thick 1:2:4 plain cement concrete floor using 3/8" down graded crush and approved quality sand as specified over floor slabs. Concrete to be machine mixed, poured, compacted mechanically, finished smooth and properly cured. Under bed to be made rough and properly wetted before laying concrete. All work to be completed as per drawings, specifications and as directed by the Engineer.	Sft	-----	-----	-----	40.00	-----	140.00	-----	-----	-----	-----	-----	120.00	-----	-----	-----
7	PLAIN CONCRETE FINISHES ON STEPS AND RISER Providing laying, fixing and finishing 1"thick 1:4 cement sand mortar over steps with 3/8" wide grooves including all curing and finishes etc. all complete as per drawings, specifications and as directed by the Engineer.	Sft	-----	-----	-----	80.00	-----	30.00	-----	-----	-----	-----	-----	70.00	-----	-----	-----
8	TERRAZZO SKIRTING Providing and fixing terrazzo skirting upto 4" high in white cement over and including 1/2" thick 1:4 cement sand mortar base plaster. Complete with cement paste including curing, cleaning, grinding and polishing etc. All work to be completed as per drawings, specifications and as directed by the Engineer.	Rft	-----	-----	-----	25.00	-----	100.00	-----	-----	-----	-----	-----	90.00	-----	-----	-----
9	GLAZED TILES SKIRTING AND DADO Providing and fixing approved Emco brand or approved equivalent glazed ceramics tiles of approved colour/shade in skirting/dado set in cement paste and filling the joints with neat white cement using matching colour pigment including 3/8" thick 1:4 cement sand mortar base plaster all including curing, cleaning, finishing etc. complete as directed by the Engineer.	Sft	-----	-----	-----	110.00	-----	180.00	-----	-----	-----	-----	-----	120.00	-----	-----	-----
10	DESTEMPER Providing & applying 3 coats of approved quality & shade synthetic polyvinyle destemper with preparation of surface, putty filling, rubbing, cleaning and smoth finishing all complete as per drawings, specifications and as directed by the Engineer.	Sft	2,000.00	10.00	20,000.00	7.00	14,000.00	20.00	40,000.00	22.00	44,000.00	22.00	44,000.00	10.00	20,000.00	15.00	30,000.00

UNIVERSITY OF KARACHI
DEPARTMENT OF BIOTECHNOLOGY (LEFT OVER QUANTITY)

FIRST FLOOR
COMPARATIVE STATEMENTS

PART - B

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
11	PLASTIC EMULSION PAINT Providing & applying 3 coats of approved quality & shade plastic emulsion paint over a coat of primer with preparation of surface, putty filling, rubbing, cleaning and smooth finishing all complete as per drawings, specifications and as directed by the Engineer.	Sft	3,400.00	13.00	44,200.00	9.00	30,600.00	24.00	81,600.00	30.00	102,000.00	24.00	81,600.00	15.00	51,000.00	18.00	61,200.00
12	WEATHER SHIELD Providing & applying 3 coats of approved quality & shade weather shield paint including all preparation of surfaces & applications as per instructions of manufacturer. All complete as per drawings and as per directed by the Engineer.	Sft	1,000.00	16.00	16,000.00	12.00	12,000.00	40.00	40,000.00	33.00	33,000.00	30.00	30,000.00	15.00	15,000.00	22.00	22,000.00
13	SNOWCEM Providing & applying 3 coats of approved quality snowcem including all preparation of surfaces & applications as per instructions of manufacturer's. All complete as per drawings and as per directed by the Engineer.	Sft	1,200.00	12.00	14,400.00	15.00	18,000.00	12.00	14,400.00	32.00	38,400.00	30.00	36,000.00	15.00	18,000.00	20.00	24,000.00
14	WOODEN DOORS Providing, making and fixing in osition wooden doors with 16 gauge moulded sheet metal frame (chowkats) 1 1/2" thick solid core shutters with 1/8" thick commercial ply on both sides of deodar wood shutters with 3/8" thick lipping. Metal frame shall be filled with concrete and fixed with 4 Nos. 5" long brass hinges to each shutters, and 6 Nos. 9" long hold fasts made of flat iron 1"x1/8" thick with forked ends tarred and welded with metal frame embedded in masonry and with approved local hardware 2 Nos. 6" long tower oblts and heavy duty approved quality standard door lock (alpha), approved door stay, and C.P. handles, 1/2"x1/2" wide arch tray all around door frame and approved polishing or 3 coats of approved enamel paint over primer coat and termite control and wood preservations applications (solignum) all complete as per drawings, specifications as directed by the Engineer.	Sft	-----	-----	-----	380.00	-----	1,000.00	-----	-----	-----	-----	-----	425.00	-----	-----	-----
15	Wooden door with 12" wide and 1/8" thick plastic sheet on both sides all other details remaining same as for (14) above.	Sft	-----	-----	-----	183.00	-----	600.00	-----	-----	-----	-----	-----	475.00	-----	-----	-----
16	ALUMINIUM WINDOW / VENTILATORS Providing and fixing approved quality anodized natural aluminium window/ventilator of suitable standard sections as recommended by the manufacturer for the size of windows/ventilators, with sliding flymesh panel and heavy duty aluminium netting with 1/4" thick 1st class approved local made glass, including all caulking rubber kits etc. complete as per drawings, manufacturer's specifications and as directed by the Engineer.	Sft	-----	-----	-----	500.00	-----	1,200.00	-----	-----	-----	-----	-----	475.00	-----	-----	-----

UNIVERSITY OF KARACHI
EXTERNAL SERVICES BUILDING
FIRST FLOOR
COMPARATIVE STATEMENTS
PART - B

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
17	STAIRCASE RAILING																
A	Providing and fixing in position staircase railing with 3/4"x3/4" square anodized natural aluminium with approved powder coated colour aluminium balusters on each steps and 2"x3" deodar wood hand rail fixed on aluminium baluster as shown on drawing including approved polishing on hand rail all as per drawings specifications and as directed by the Engineer.	Rft	----	----	----	400.00	----	2,000.00	----	----	----	----	----	1,000.00	----	----	----
B	Providing and fixing in position staircase railing but fixed on wall same as for (17.A) above.	Rft	----	----	----	----	----	2,100.00	----	----	----	----	----	800.00	----	----	----
18	ROOF WATER PROOFING																
	Providing, laying and apply roof water proofing comprising of average 2" thick concrete 1:11/2:3 slope forming screed using 3/8" down approved graded crush and approved sand laid in required slope and making khurraat water spout location including machine mixing compaction curing etc. the top surface of concrete screed to be smooth and treated with 2 coats of bitumen (PB4/approved equivalent @ rate 40 lbs/100 sft) water proofing white sufficient not 1/8" size screened pea gravels shall be spread in evenly and pressed into the bitumen coat such that entire surface fully covered. All work as per drawings specification and as directed by the Engineer.	Sft	----	----	----	60.00	----	100.00	----	----	----	----	----	75.00	----	----	----
19	INSITU CONCRETE																
	Providing and laying PCC 1:3:6 in dowels columns on roof for future extension or including formworks, curing and 1/2" thick cement mortar 1:4 plastering and painting etc. complete in all respect as per instruction or the Engineer.	Cft	----	----	----	120.00	----	400.00	----	----	----	----	----	200.00	----	----	----
20	MARBLE TOP																
	Providing and fixing in position 1" thick marble top at required sizes, shape, quality and colour over and including 1/2" thick 1:4 levelling mortar. Complete with cutting, grouting, making gola and polishing and finishing all as per drawings, specifications and as directed by the Engineer.	Sft	----	----	----	400.00	----	800.00	----	----	----	----	----	400.00	----	----	----
21	EARTH FILLING																
	Providing and filling approved quality earth in sunk area of required height and level comprises of placing clay pots in sunk portion after applying 2 coats of bitumen (PB4) water proofing at rate 30 lbs/100 sft. Complete with as per drawings, specifications and as directed by the Engineer.	Sft	----	----	----	35.00	----	100.00	----	----	----	----	----	90.00	----	----	----
22	C.C JALI																
	Providing, laying and jointing in 1:3 cement sand mortar 2"inch thick 1:4 cement sand mortar jali of approved design with casting, curing and fixing in position and curing etc. All complete as per drawings, specification and as directed by the Engineer.	Sft	100.00	115.00	11,500.00	50.00	5,000.00	60.00	6,000.00	80.00	8,000.00	220.00	22,000.00	75.00	7,500.00	100.00	10,000.00
23	EXPENSION JOINT																
	Providing, making and fixing 8" wide 22 gauge M.S powder coated sheet with V notch in expansion joint, horizontal and vertical, fixed with rawl plugs and screws to concrete. All complete as per drawings, specifications and as directed by the Engineer.	Rft	----	----	----	350.00	----	700.00	----	----	----	----	----	350.00	----	----	----

UNIVERSITY OF KARACHI
DEPARTMENT OF BIOTECHNOLOGY (LEFT OVER QUANTITY)

FIRST FLOOR
COMPARATIVE STATEMENTS

PART - B

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
24	2" dia G.I PIPE RAILING Providing, making and fixing in position 1'-0" high 2" dia G.I pipe railing with vertical at 3'-0" spacing including all threading, jointing, tees, bends etc. and fixing the railing to concrete/masonry with M.S plate anchored with rawl bolts. All work to be completed as per drawings, specifications and as directed by the Engineer.	Rft	40.00	200.00	8,000.00	340.00	13,600.00	300.00	12,000.00	600.00	24,000.00	1,600.00	64,000.00	700.00	28,000.00	450.00	18,000.00
TOTAL Rs.					375,950.00		363,200.00		644,750.00		655,900.00		716,900.00		408,350.00		550,450.00

UNIVERSITY OF KARACHI
DEPARTMENT OF BIOTECHNOLOGY (LEFT OVER QUANTITY)

ROOF FLOOR
COMPARATIVE STATEMENTS

PART - B

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	BLOCK MASONRY IN SUPER STRUCTURES Providing and laying 1:3:6 Mix machine made solid block masonry in compound wall on perimeter of the building (excluding front side), laid and jointed with 1:6 cement sand machine mixed mortar using approved quality screened river sand. Masonry to be laid in courses true the line, level and plumb, properly cured and the external surface of masonry walls to be grinded smooth. Masonry wall abutting R.C.C concrete to be tied with approved, column ties. All work to be completed as per drawing specification and as directed by the Engineer.																
	I) 8" Thick hollow block	Sft	850.00	69.00	58,650.00	130.00	110,500.00	160.00	136,000.00	70.00	59,500.00	140.00	119,000.00	65.00	55,250.00	120.00	102,000.00
	II) 6" Thick solid block	Sft	1,200.00	59.00	70,800.00	64.00	76,800.00	110.00	132,000.00	70.00	84,000.00	80.00	96,000.00	55.00	66,000.00	95.00	114,000.00
	III) 4" Thick solid block	Sft	320.00	44.00	14,080.00	75.00	24,000.00	90.00	28,800.00	70.00	22,400.00	76.00	24,320.00	40.00	12,800.00	70.00	22,400.00
2	PLAIN CEMENT PLASTER Providing and laying 1/2" thick 1:4 plaster with cement sand machine mixed mortar, using approved quality screened sand, including all bends, corners, recesses and also including hacking the concrete surfaces and racking the masonry joints and providing 8" wide strip of wire mesh at masonry concrete joints, wetting the masonry surface and applying neeru base. All plaster to be finished smooth with steel float in true level, line and plumb and properly cured. All work to be completed as per drawings, specifications and as directed by the Engineer.																
	i) Ceiling	Sft	-----	-----	-----	22.00	-----	35.00	-----	-----	-----	-----	-----	23.00	-----	-----	-----
	ii) Internal surface	Sft	-----	-----	-----	22.00	-----	35.00	-----	-----	-----	-----	-----	23.00	-----	-----	-----
3	PLAIN CEMENT PLASTER (External) Providing and laying 1/2" thick 1:4 plaster with cement sand machine mixed mortar, using approved quality screened sand, including all bends, corners, recesses making grooves, drip course etc. and also including hacking the concrete surfaces and racking the masonry joints and providing 8" wide strip the wire mesh at masonry concrete joints, wetting the masonry surface and applying neeru base. All plaster to be finished smooth with steel float in true level, line and plumb and properly cured. All work to be completed as per drawings, specifications and as directed by the Engineer.	Sft	2,500.00	29.00	72,500.00	22.00	55,000.00	40.00	100,000.00	50.00	125,000.00	50.00	125,000.00	27.00	67,500.00	45.00	112,500.00
4	TERRAZZO FLOOR ON SLAB Providing, laying and finishing terrazzo floor in grey cement laid in panel of maximum size of 3'x3' consist of 3/8" thick terrazzo topping using no.3 marble chips shall be laid on top of 1 1/2" thick 1:4 cement sand levelling screed. Total thickness to be 2" to slope where required on existing RCC slab. including curing, grinding, rubbing and polishing etc. All work to be completed as per drawings, specifications and as directed by the Engineer.																
	i) Terrazzo floor in grey cement	Sft	-----	-----	-----	65.00	-----	130.00	-----	-----	-----	-----	-----	115.00	-----	-----	-----
	ii) Terrazzo floor in white cement	Sft	-----	-----	-----	65.00	-----	140.00	-----	-----	-----	-----	-----	120.00	-----	-----	-----

UNIVERSITY OF KARACHI
DEPARTMENT OF BIOTECHNOLOGY (LEFT OVER QUANTITY)

ROOF FLOOR
COMPARATIVE STATEMENTS

PART - B

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	NON SKID CERAMIC TILE FLOOR (ON FLOOR) Providing, laying, fixing and finishing approved quality and colour approved brand glazed ceramic tiles set with cement neeru and filling the joints with neat white cement using matching colour pigment on 1 1/2" thick 1:4 cement sand mortar bed under bed to be made rough and properly wetted including all finishing curing complete all as per drawings, specifications and as directed by the Engineer.	Sft	-----	-----	-----	160.00	-----	260.00	-----	-----	-----	-----	-----	150.00	-----	-----	-----
6	PLAIN CONCRETE FLOOR ON SLAB Providing and laying steel trovelled smooth finish flooring, laid in alternate panels of approximately 25 sft area using proper screeds, and comprising of 2" thick 1:2:4 plain cement concrete floor using 3/8" down graded crush and approved quality sand as specified over floor slabs. Concrete to be machine mixed, poured, compacted mechanically, finished smooth and properly cured. Under bed to be made rough and properly wetted before laying concrete. All work to be completed as per drawings, specifications and as directed by the Engineer.	Sft	-----	-----	-----	40.00	-----	150.00	-----	-----	-----	-----	-----	125.00	-----	-----	-----
7	PLAIN CONCRETE FINISHES ON STEPS AND RISER Providing laying, fixing and finishing 1"thick 1:4 cement sand mortar over steps with 3/8" wide grooves including all curing and finishes etc. all complete as per drawings, specifications and as directed by the Engineer.	Sft	-----	-----	-----	80.00	-----	40.00	-----	-----	-----	-----	-----	75.00	-----	-----	-----
8	TERRAZZO SKIRTING Providing and fixing terrazzo skirting upto 4" high in white cement over and including 1/2" thick 1:4 cement sand mortar base plaster. Complete with cement paste including curing, cleaning, grinding and polishing etc. All work to be completed as per drawings, specifications and as directed by the Engineer.	Rft	-----	-----	-----	25.00	-----	110.00	-----	-----	-----	-----	-----	100.00	-----	-----	-----
9	GLAZED TILES SKIRTING AND DADO Providing and fixing approved Emco brand or approved equivalent glazed ceramics tiles of approved colour/shade in skirting/dado set in cement paste and filling the joints with neat white cement using matching colour pigment including 3/8" thick 1:4 cement sand mortar base plaster all including curing, cleaning, finishing etc. complete as directed by the Engineer.	Sft	-----	-----	-----	110.00	-----	190.00	-----	-----	-----	-----	-----	125.00	-----	-----	-----
10	DESTEMPER Providing & applying 3 coats of approved quality & shade synthetic polyvinyle destemper with preparation of surface, putty filling, rubbing, cleaning and smoth finishing all complete as per drawings, specifications and as directed by the Engineer.	Sft	-----	-----	-----	7.00	-----	25.00	-----	-----	-----	-----	-----	12.00	-----	-----	-----

UNIVERSITY OF KARACHI
DEPARTMENT OF BIOTECHNOLOGY (LEFT OVER QUANTITY)

ROOF FLOOR
COMPARATIVE STATEMENTS

PART - B

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
11	PLASTIC EMULSION PAINT Providing & applying 3 coats of approved quality & shade plastic emulsion paint over a coat of primer with preparation of surface, putty filling, rubbing, cleaning and smooth finishing all complete as per drawings, specifications and as directed by the Engineer.	Sft	-----	-----	-----	9.00	-----	30.00	-----	-----	-----	-----	-----	16.00	-----	-----	-----
12	WEATHER SHIELD Providing & applying 3 coats of approved quality & shade weather shield paint including all preparation of surfaces & applications as per instructions of manufacturer. All complete as per drawings and as per directed by the Engineer.	Sft	500.00	16.00	8,000.00	12.00	6,000.00	40.00	20,000.00	33.00	16,500.00	32.00	16,000.00	16.00	8,000.00	22.00	11,000.00
13	SNOWCEM Providing & applying 3 coats of approved quality snowcem including all preparation of surfaces & applications as per instructions of manufacturer's. All complete as per drawings and as per directed by the Engineer.	Sft	2,000.00	12.00	24,000.00	15.00	30,000.00	12.00	24,000.00	32.00	64,000.00	32.00	64,000.00	16.00	32,000.00	25.00	50,000.00
14	WOODEN DOORS Providing, making and fixing in position wooden doors with 16 gauge moulded sheet metal frame (chowkats) 1 1/2" thick solid core shutters with 1/8" thick commercial ply on both sides of deodar wood shutters with 3/8" thick lipping. Metal frame shall be filled with concrete and fixed with 4 Nos. 5" long brass hinges to each shutters, and 6 Nos. 9" long hold fasts made of flat iron 1"x1/8" thick with forked ends tarred and welded with metal frame embedded in masonry and with approved local hardware 2 Nos. 6" long tower bolts and heavy duty approved quality standard door lock (alpha), approved door stay, and C.P. handles, 1/2"x1/2" wide arch tray all around door frame and approved polishing or 3 coats of approved enamel paint over primer coat and termite control and wood preservations applications (solignum) all complete as per drawings, specifications as directed by the Engineer.	Sft	-----	-----	-----	380.00	-----	1,100.00	-----	-----	-----	-----	-----	450.00	-----	-----	-----
15	Wooden door with 12" wide and 1/8" thick plastic sheet on both sides all other details remaining same as for (14) above.	Sft	-----	-----	-----	183.00	-----	700.00	-----	-----	-----	-----	-----	500.00	-----	-----	-----
16	ALUMINIUM WINDOW / VENTILATORS Providing and fixing approved quality anodized natural aluminium window/ventilator of suitable standard sections as recommended by the manufacturer for the size of windows/ventilators, with sliding flymesh panel and heavy duty aluminium netting with 1/4" thick 1st class approved local made glass, including all caulking rubber kits etc. complete as per drawings, manufacturer's specifications and as directed by the Engineer.	Sft	80.00	600.00	48,000.00	500.00	40,000.00	1,100.00	88,000.00	600.00	48,000.00	550.00	44,000.00	475.00	38,000.00	675.00	54,000.00

UNIVERSITY OF KARACHI
DEPARTMENT OF BIOTECHNOLOGY (LEFT OVER QUANTITY)

ROOF FLOOR
COMPARATIVE STATEMENTS

PART - B

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
17	STAIRCASE RAILING																
A	Providing and fixing in position staircase railing with 3/4"x3/4" square anodized natural aluminium with approved powder coated colour aluminium balusters on each steps and 2"x3" deodar wood hand rail fixed on aluminium baluster as shown on drawing including approved polishing on hand rail all as per drawings specifications and as directed by the Engineer.	Rft	----	----	----	400.00	----	2,000.00	----	----	----	----	----	1,000.00	----	----	----
B	Providing and fixing in position staircase railing but fixed on wall same as for (17.A) above.	Rft	----	----	----	350.00	----	2,100.00	----	----	----	----	----	800.00	----	----	----
18	ROOF WATER PROOFING																
	Providing, laying and apply roof water proofing comprising of average 2" thick concrete 1:11/2:3 slope forming screed using 3/8" down approved graded crush and approved sand laid in required slope and making khurraat water spout location including machine mixing compaction curing etc. the top surface of concrete screed to be smooth and treated with 2 coats of bitumen (PB4/approved equivalent @ rate 40 lbs/100 sft) water proofing white sufficient not 1/8" size screened pea gravels shall be spread in evenly and pressed into the bitumen coat such that entire surface fully covered. All work as per drawings specification and as directed by the Engineer.	Sft	----	----	----	60.00	----	110.00	----	----	----	----	----	75.00	----	----	----
19	INSITU CONCRETE																
	Providing and laying PCC 1:3:6 in dowels columns on roof for future extension or including formworks, curing and 1/2" thick cement mortar 1:4 plastering and painting etc. complete in all respect as per instruction or the Engineer.	Cft	----	----	----	120.00	----	400.00	----	----	----	----	----	200.00	----	----	----
20	MARBLE TOP																
	Providing and fixing in position 1" thick marble top at required sizes, shape, quality and colour over and including 1/2" thick 1:4 levelling mortar. Complete with cutting, grouting, making gola and polishing and finishing all as per drawings, specifications and as directed by the Engineer.	Sft	----	----	----	400.00	----	900.00	----	----	----	----	----	400.00	----	----	----
21	EARTH FILLING																
	Providing and filling approved quality earth in sunk area of required height and level comprises of placing clay pots in sunk portion after applying 2 coats of bitumen (PB4) water proofing at rate 30 lbs/100 sft. Complete with as per drawings, specifications and as directed by the Engineer.	Sft	----	----	----	35.00	----	110.00	----	----	----	----	----	90.00	----	----	----
22	C.C JALI																
	Providing, laying and jointing in 1:3 cement sand mortar 2"inch thick 1:4 cement sand mortar jali of approved design with casting, curing and fixing in position and curing etc. All complete as per drawings, specification and as directed by the Engineer.	Sft	----	----	----	50.00	----	70.00	----	----	----	----	----	75.00	----	----	----
23	EXPENSION JOINT																
	Providing, making and fixing 8" wide 22 gauge M.S powder coated sheet with V notch in expansion joint, horizontal and vertical, fixed with rawl plugs and screws to concrete. All complete as per drawings, specifications and as directed by the Engineer.	Rft	----	----	----	350.00	----	800.00	----	----	----	----	----	350.00	----	----	----

UNIVERSITY OF KARACHI
DEPARTMENT OF BIOTECHNOLOGY (LEFT OVER QUANTITY)

ROOF FLOOR
COMPARATIVE STATEMENTS

PART - B

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
24	2" dia G.I PIPE RAILING Providing, making and fixing in position 1'-0" high 2" dia G.I pipe railing with vertical at 3'-0" spacing including all threading, jointing, tees, bends etc. and fixing the railing to concrete/masonry with M.S plate anchored with rawl bolts. All work to be completed as per drawings, specifications and as directed by the Engineer.	Rft	----	----	----	340.00	----	400.00	----	----	----	----	----	1,500.00	----	----	----
25	DECORATIVE TILE Providing and fixing 12"x12"/24"x24", 1/4"thick decorative porcelin/ceramic tile of approved colour shade/design set in cement paste over 3/8" thick 1:4 CSM base plate with curing cleaning etc. Tile to be anchor with one 1/8" thick 1:4 thick rail, tile surface should be flush with the surrounding plastic surface. All work to be completed as per drawings, specifications and as directed by the Engineer.	Sft	----	----	----	180.00	----	300.00	----	----	----	----	----	500.00	----	----	----
TOTAL Rs.					296,030.00		342,300.00		528,800.00		419,400.00		488,320.00		279,550.00		465,900.00

UNIVERSITY OF KARACHI
DEPARTMENT OF BIOTECHNOLOGY (LEFT OVER QUANTITY)

GROUND FLOOR
COMPARATIVE STATEMENTS

PART - B

PLUMBING 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	WATER SUPPLY SYSTEM Supplying fixing, testing and commissioning of equipment and pipe work required to complete the water supply system polydex pipe or approved equivalent with poly fusion welding jointing alongwith tees, bends, elbow, sockets etc. in all respects with all accessories as per specification drawings.																
a)	1/2" inch (20 mm)	Rft.	650.00	100.00	65,000.00	80.00	52,000.00	90.00	58,500.00	110.00	71,500.00	182.00	118,300.00	60.00	39,000.00	140.00	91,000.00
b)	3/4" inch (25 mm)	Rft.	480.00	130.00	62,400.00	105.00	50,400.00	110.00	52,800.00	160.00	76,800.00	240.00	115,200.00	75.00	36,000.00	165.00	79,200.00
c)	1" inch (32 mm)	Rft.	420.00	190.00	79,800.00	139.00	58,380.00	140.00	58,800.00	190.00	79,800.00	310.00	130,200.00	100.00	42,000.00	225.00	94,500.00
d)	1 1/2" inch (40 mm)	Rft.	530.00	280.00	148,400.00	280.00	148,400.00	190.00	100,700.00	210.00	111,300.00	395.00	209,350.00	190.00	100,700.00	300.00	159,000.00
2	Providing and fixing brass body gate valves/ball valve, kitz make complete in all respects of the following diameters.																
a)	2 1/2" dia	Nos.	3.00	5,500.00	16,500.00	2,000.00	6,000.00	7,200.00	21,600.00	9,000.00	27,000.00	4,500.00	13,500.00	4,000.00	12,000.00	5,700.00	17,100.00
b)	2" dia	Nos.	1.00	4,600.00	4,600.00	1,800.00	1,800.00	6,000.00	6,000.00	6,400.00	6,400.00	3,600.00	3,600.00	3,000.00	3,000.00	4,600.00	4,600.00
c)	1 1/2" dia	Nos.	1.00	3,000.00	3,000.00	1,500.00	1,500.00	4,800.00	4,800.00	4,000.00	4,000.00	3,200.00	3,200.00	2,500.00	2,500.00	2,700.00	2,700.00
d)	1" dia	Nos.	2.00	2,100.00	4,200.00	1,000.00	2,000.00	3,600.00	7,200.00	1,300.00	2,600.00	2,800.00	5,600.00	2,000.00	4,000.00	1,800.00	3,600.00
3	Providing and laying G.I pipes for cold water supply lines conforming to BS 1387 12mm Gauge medium quality I.I.L made or approved equivalent including all specials, fittings, cutting, jointing material and applying two coats of bitumen paint over a coat of red oxide primer and wrapping with approved by the following diameter.																
a)	1/2" inch	Rft.	30.00	70.00	2,100.00	80.00	2,400.00	120.00	3,600.00	140.00	4,200.00	155.00	4,650.00	80.00	2,400.00	90.00	2,700.00
b)	3/4" inch	Rft.	40.00	85.00	3,400.00	160.00	6,400.00	150.00	6,000.00	200.00	8,000.00	185.00	7,400.00	110.00	4,400.00	145.00	5,800.00
c)	1" inch	Rft.	450.00	110.00	49,500.00	200.00	90,000.00	170.00	76,500.00	230.00	103,500.00	240.00	108,000.00	155.00	69,750.00	175.00	78,750.00
d)	1 1/4" inch	Rft.	100.00	130.00	13,000.00	250.00	25,000.00	210.00	21,000.00	264.00	26,400.00	285.00	28,500.00	200.00	20,000.00	225.00	22,500.00
e)	1 1/2" inch	Rft.	200.00	160.00	32,000.00	300.00	60,000.00	240.00	48,000.00	330.00	66,000.00	360.00	72,000.00	210.00	42,000.00	275.00	55,000.00
f)	2" inch	Rft.	60.00	210.00	12,600.00	350.00	21,000.00	300.00	18,000.00	425.00	25,500.00	480.00	28,800.00	300.00	18,000.00	400.00	24,000.00
g)	2 1/2" inch	Rft.	150.00	270.00	40,500.00	450.00	67,500.00	360.00	54,000.00	580.00	87,000.00	660.00	99,000.00	350.00	52,500.00	450.00	67,500.00
4	Providing and fixing brass chromium finish, bibcock best quality/toilet shower local make including all materials for fixing complete in all respects of the following diameters.																
a)	Type B.C 1/2 inch	Nos.	30.00	500.00	15,000.00	600.00	18,000.00	600.00	18,000.00	500.00	15,000.00	1,050.00	31,500.00	500.00	15,000.00	750.00	22,500.00
b)	Type T.S 1/2 inch	Nos.	60.00	400.00	24,000.00	700.00	42,000.00	420.00	25,200.00	500.00	30,000.00	950.00	57,000.00	500.00	30,000.00	470.00	28,200.00
5	Providing and fixing pillar cock, asia brand or approved equivalent for laboratory sinks, including all materials for fixing complete in all respects with all accessories as per drawing.	Nos.	16.00	1,800.00	28,800.00	1,500.00	24,000.00	960.00	15,360.00	9,180.00	146,880.00	3,200.00	51,200.00	2,000.00	32,000.00	1,800.00	28,800.00
6	Providing and fixing stainless steel sink of 1200mm x 450mm size approved make including all mixer drain & accessories, complete all as per specifications and as directed by the Engineer.	Nos.	6.00	9,000.00	54,000.00	9,000.00	54,000.00	9,600.00	57,600.00	7,000.00	42,000.00	5,800.00	34,800.00	2,500.00	15,000.00	9,000.00	54,000.00
7	Providing and fixing stainless steel double bowl type sink approved make including all mixer drain & accessories, complete all as per specifications and as directed by the Engineer.	No.	1.00	12,000.00	12,000.00	11,000.00	11,000.00	14,400.00	14,400.00	6,000.00	6,000.00	9,000.00	9,000.00	7,500.00	7,500.00	12,000.00	12,000.00

UNIVERSITY OF KARACHI
DEPARTMENT OF BIOTECHNOLOGY (LEFT OVER QUANTITY)

GROUND FLOOR
COMPARATIVE STATEMENTS

PART - B

PLUMBING 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
8	Providing and installing grease trap of dimension and details shown in the drawing complete with RCC slab, cast iron cover bottle plates all as per drawing, specifications and as directed by the Engineer.																
a)	24" x 24"	Nos.	-----	-----	-----	7,000.00	-----	10,000.00	-----	-----	-----	-----	-----	20,000.00	-----	-----	-----
9	Providing and fixing stainless steel I.C.L Boasch or approved equivalent Soap tray where shown on the drawing with invisible fixing. Over all size of soap tray shall be 4 inch complete with wooden cleats and 1" inch long C.P brass screws.	Nos.	10.00	320.00	3,200.00	300.00	3,000.00	400.00	4,000.00	900.00	9,000.00	1,200.00	12,000.00	250.00	2,500.00	280.00	2,800.00
10	Chromium plated brass/plastic toilet paper box 6" size of I.C.L Boasch or equivalent to be provided and fixed with wooden cleats and C.P brass screws.	Nos.	25.00	500.00	12,500.00	300.00	7,500.00	360.00	9,000.00	1,400.00	35,000.00	900.00	22,500.00	250.00	6,250.00	450.00	11,250.00
11	24" inch long 3/4 inch dia chromium plated brass towel rail of I.C.L Boasch or approved equivalent to be provided and fixed with C.P brackets, wooden cleats and 1" inch C.P brass screws.	Nos.	8.00	800.00	6,400.00	400.00	3,200.00	600.00	4,800.00	1,250.00	10,000.00	1,600.00	12,800.00	250.00	2,000.00	600.00	4,800.00
SANITARY DRAINAGE																	
12	Providing, laying and fixing UPVC pipes for waste nakasi brand or approved equivalent i/c all specials, fittings bends, yeess, tees, socket etc. cleanouts, traps, chiseling excavation, backfilling where required and making good the same, jointing with rubber seal complete with protection and accessories.																
a)	2" inch	Rft.	200.00	95.00	19,000.00	175.00	35,000.00	120.00	24,000.00	300.00	60,000.00	340.00	68,000.00	110.00	22,000.00	140.00	28,000.00
b)	3" inch	Rft.	440.00	105.00	46,200.00	200.00	88,000.00	180.00	79,200.00	500.00	220,000.00	460.00	202,400.00	160.00	70,400.00	200.00	88,000.00
c)	4" inch	Rft.	500.00	150.00	75,000.00	250.00	125,000.00	300.00	150,000.00	700.00	350,000.00	580.00	290,000.00	200.00	100,000.00	240.00	120,000.00
d)	6" inch	Rft.	-----	-----	-----	350.00	-----	500.00	-----	-----	-----	-----	-----	400.00	-----	-----	-----
13	Providing and laying plain cement concrete sewer pipes conforming to ASTM C-76, BS5911 with rubber ring joint etc. complete in all respects of the following diameter.																
a)	9" inch	Rft.	700.00	200.00	140,000.00	450.00	315,000.00	280.00	196,000.00	500.00	350,000.00	480.00	336,000.00	350.00	245,000.00	275.00	192,500.00
14	Providing and fixing local Al-Asif make or approved equivalent English W.C with integral trap of approved colour, close coupled vitreous china flashing cistern with internal fittings, plastic connections, 1/2" C.P tee stop cock with wall cups and other requisite fixtures including making holes in wall, floor, and concrete etc. & making good the same complete in all respects.	Nos.	33.00	6,500.00	214,500.00	6,500.00	214,500.00	6,000.00	198,000.00	10,800.00	356,400.00	5,800.00	191,400.00	7,000.00	231,000.00	8,000.00	264,000.00
15	Providing and fixing local AL-Asif make or approved equivalent wash basin with pedestal of approved colour including 1/2" dia. Piller cock 1-No. 1/2" dia.C.P tee stop cock with wall cups, CP brass chain with 1-1/4" rubber plug, CP vrass strainer & waste fitting, PVC bottle trap painted mild steel brackets with nuts, bolts etc. plastic water inlet connection pipe,UPVC waste pipe, including making holes in wall, floor or concrete & making good the same complete in all respects of the following.																
a)	18" x 24"	Nos.	35.00	8,000.00	280,000.00	5,500.00	192,500.00	7,800.00	273,000.00	6,500.00	227,500.00	4,800.00	168,000.00	4,500.00	157,500.00	8,000.00	280,000.00
16	Providing and fixing best quality local made looking glass (mirror) of specified size with hardboard backing including CP screws etc. complete in all respects.	Nos.	35.00	1,000.00	35,000.00	2,900.00	101,500.00	1,000.00	35,000.00	630.00	22,050.00	1,800.00	63,000.00	1,000.00	35,000.00	1,200.00	42,000.00

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

PLUMBING 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
17	Providing and fixing UPVC floor drain/trap including stainless steel grating cover outlet connection complete in all respects.																
a)	Type FD 3" inch dia 80mm outlet size.	Nos.	45.00	1,000.00	45,000.00	1,000.00	45,000.00	1,200.00	54,000.00	2,525.00	113,625.00	2,200.00	99,000.00	650.00	29,250.00	2,050.00	92,250.00
b)	Clean out for soil, waste pipe for approved make.																
1)	3" inch (82mm size)	Nos.	15.00	1,100.00	16,500.00	800.00	12,000.00	1,000.00	15,000.00	2,000.00	30,000.00	2,000.00	30,000.00	650.00	9,750.00	1,050.00	15,750.00
2)	4" inch (110mm size)	Nos.	15.00	1,300.00	19,500.00	800.00	12,000.00	1,200.00	18,000.00	2,000.00	30,000.00	2,400.00	36,000.00	750.00	11,250.00	1,600.00	24,000.00
3)	6" inch (150mm size)	Nos.	-----	-----	-----	1,500.00	-----	3,000.00	-----	-----	-----	-----	-----	1,000.00	-----	-----	-----
18	Providing, lifting and fixing overhead water tank of fiber glass of popular brand or approved equivalent of following capacity with all accessories required for complete installation.																
1)	2500 Gallons	No.	-----	-----	-----	125,000.00	-----	9,600.00	-----	-----	-----	-----	-----	400,000.00	-----	-----	-----
2)	1500 Gallons	No.	2.00	90,000.00	180,000.00	95,000.00	190,000.00	36,000.00	72,000.00	90,000.00	180,000.00	92,000.00	184,000.00	200,000.00	400,000.00	75,000.00	150,000.00
19	EXTERNAL MANHOLE Providing and making manhole & chamber in block masonry with 24" dia medium duty C.I cover and frame fixed in RCC concrete slab, cement concrete base, cement sand plaster in wall & benching with inside plaster and benching complete in all respects as per drawings of following size.																
	2'-0" x 2'-0" ft.	Nos.	3.00	10,000.00	30,000.00	5,000.00	15,000.00	9,600.00	28,800.00	10,800.00	32,400.00	8,500.00	25,500.00	6,000.00	18,000.00	8,000.00	24,000.00
	2'-0" x 3'-0" ft.	Nos.	5.00	12,000.00	60,000.00	7,000.00	35,000.00	10,800.00	54,000.00	13,000.00	65,000.00	10,500.00	52,500.00	7,000.00	35,000.00	12,000.00	60,000.00
20	Providing and fixing Gully Trap of china clay duly glazed with 6"x6" cast iron gratings shall be supplied and installed. A masonry chamber plastered with 1:3 cement, sand mortar on both sides and outside shall be constructed over the gully trap & fitted with C.I cover and frame complete in all respects as per drawings of following size.																
	1'-0" x 1'-0"	Nos.	10.00	6,000.00	60,000.00	2,500.00	25,000.00	2,400.00	24,000.00	4,000.00	40,000.00	4,500.00	45,000.00	2,000.00	20,000.00	6,500.00	65,000.00
21	GAS SUPPLY Providing and laying G.I pipe for Sui Gas Lines conforming to BS 1387-1985 medium quality including all special, fittings, cutting, jointing materials etc. complete all respects of following diameters.																
	1/2" inch	Rft.	100.00	100.00	10,000.00	95.00	9,500.00	100.00	10,000.00	120.00	12,000.00	160.00	16,000.00	80.00	8,000.00	90.00	9,000.00
	3/4" inch	Rft.	50.00	130.00	6,500.00	105.00	5,250.00	130.00	6,500.00	160.00	8,000.00	240.00	12,000.00	110.00	5,500.00	145.00	7,250.00
	1" inch	Rft.	120.00	150.00	18,000.00	200.00	24,000.00	170.00	20,400.00	220.00	26,400.00	290.00	34,800.00	155.00	18,600.00	175.00	21,000.00
	1 1/4" inch	Rft.	20.00	180.00	3,600.00	220.00	4,400.00	220.00	4,400.00	270.00	5,400.00	380.00	7,600.00	200.00	4,000.00	225.00	4,500.00
	1 1/2" inch	Rft.	90.00	210.00	18,900.00	270.00	24,300.00	240.00	21,600.00	320.00	28,800.00	480.00	43,200.00	210.00	18,900.00	275.00	24,750.00
	2" inch	Rft.	100.00	260.00	26,000.00	450.00	45,000.00	320.00	32,000.00	450.00	45,000.00	590.00	59,000.00	300.00	30,000.00	400.00	40,000.00
22	Providing and fixing gate valves of brass body, kitz make or approved equivalent valve shall be of complete in all respects of following diameters.																
	1/2" inch	Nos.	13.00	1,500.00	19,500.00	500.00	6,500.00	1,200.00	15,600.00	1,100.00	14,300.00	2,000.00	26,000.00	1,500.00	19,500.00	1,800.00	23,400.00
	2" inch	Nos.	1.00	5,000.00	5,000.00	2,500.00	2,500.00	6,000.00	6,000.00	7,000.00	7,000.00	4,800.00	4,800.00	3,000.00	3,000.00	6,500.00	6,500.00
Total Amount					2,021,100.00		2,282,430.00		2,023,360.00		3,217,755.00		3,172,300.00		2,050,150.00		2,454,200.00

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

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	MAIN L.T PANEL Supply, installation, testing and commissioning of pad mounted main L.T panel, factory assembled with incoming MCCB's and outgoing MCCB's breaker, phase indication lamp, volt & amp meter with selector switch. Complete in all respect as per specifications, drawings or as directed by the Engineer.	No	1.00	250,000.00	250,000.00	199,000.00	199,000.00	530,000.00	530,000.00	280,000.00	280,000.00	190,000.00	190,000.00	200,000.00	200,000.00	600,000.00	600,000.00
	INCOMING 1 No. 630 Amp TP MCCB (ADJUSTABLE TYPE)																
	OUTGOING 1 No. 40 A TP MCCB (for lift) 2 No. 50 A TP MCCB 3 No. 70 A TP MCCB 2 No. 80 A TP MCCB 2 No. 100 A TP MCCB																
2	DISTRIBUTION BOARD Supply, installing, testing and commissioning of wall mounted type factory assembled complete with incoming moulded case circuit breakers outgoing miniature circuit breakers as per drawings and BOQ. It shall contain rated bus-bars for phases, neutral and earth along with phase indicators lamps. It shall be made of steel sheet of 1.5mm thickness with powder coated paint and all accessories complete as per drawing and specification.	No	1.00	70,000.00	70,000.00	27,000.00	27,000.00	50,000.00	50,000.00	55,000.00	55,000.00	36,000.00	36,000.00	50,000.00	50,000.00	72,000.00	72,000.00
	DB-1 (FOR AUDITORIUM) INCOMING 1 No. 100 Amp TP MCCB																
	OUTGOING 9 Nos. 10A SP MCB 4 Nos. 15A SP MCB 7 Nos. 30A SP MCB (for A/C)																
	DB-2 INCOMING 1 No. 70 Amp TP MCCB	No	1.00	65,000.00	65,000.00	28,000.00	28,000.00	40,000.00	40,000.00	55,000.00	55,000.00	38,000.00	38,000.00	55,000.00	55,000.00	65,000.00	65,000.00
	OUTGOING 11 Nos. 10A SP MCB 12 Nos. 15A SP MCB 04 Nos. 30A SP MCB (for A/C)																
	DB-3 INCOMING 1 No. 80 Amp TP MCCB	No	1.00	60,000.00	60,000.00	30,000.00	30,000.00	54,000.00	54,000.00	57,000.00	57,000.00	38,000.00	38,000.00	50,000.00	50,000.00	65,000.00	65,000.00
	OUTGOING 13 Nos. 10A SP MCB 15 Nos. 15A SP MCB 03 Nos. 30A SP MCB (for A/C)																
	DB-4 INCOMING 1 No. 50 Amp TP MCCB	No	1.00	60,000.00	60,000.00	31,000.00	31,000.00	36,000.00	36,000.00	57,000.00	57,000.00	36,000.00	36,000.00	45,000.00	45,000.00	65,000.00	65,000.00
	OUTGOING 15 Nos. 10A SP MCB 12 Nos. 15A SP MCB 06 Nos. 30A SP MCB (for A/C)																

UNIVERSITY OF KARACHI
DEPARTMENT OF BIOTECHNOLOGY (LEFT OVER QUANTITY)

GROUND FLOOR
COMPARATIVE STATEMENTS

PART - B

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
3	Providing, installation, termination, testing and commissioning of 4 core L.T cable unarmoured copper conductor PVC insulated PVC sheathed of 600/1000 volts grade with ECC in PVC pipe buried in floor or concealed in wall including all termination, cutting patching. Cable cross section shall be as given below. All complete as per drawing and specification.																
a)	4c-16mm ² PVC/PVC-1c-6mm ²	Rft	396.00	400.00	158,400.00	215.00	85,140.00	500.00	198,000.00	500.00	198,000.00	650.00	257,400.00	350.00	138,600.00	495.00	196,020.00
b)	4c-25mm ² PVC/PVC-1c-16mm ²	Rft	400.00	600.00	240,000.00	490.00	196,000.00	600.00	240,000.00	600.00	240,000.00	780.00	312,000.00	550.00	220,000.00	690.00	276,000.00
4	LIGHT FITTING & FIXTURE																
a)	Providing, fixing and connecting Oslo make MODUS SSM or Philips make TBS X-Tend light fixture complete with 2x40 watts fluorescent lamp choke starter and power factor improving capacitor & M1 lower as per drawing and specification.	Nos	118.00	3,300.00	389,400.00	3,900.00	460,200.00	3,300.00	389,400.00	8,400.00	991,200.00	2,950.00	348,100.00	2,500.00	295,000.00	4,500.00	531,000.00
b)	Providing, fixing and connecting surface mounted Oslo make CYL 7612 or PHILIPS 145 make down light fixture complete with 2 x 26 W PLC lamp all complete as per drawing and specification.	Nos	95.00	2,500.00	237,500.00	3,800.00	361,000.00	2,400.00	228,000.00	6,325.00	600,875.00	1,550.00	147,250.00	1,500.00	142,500.00	4,250.00	403,750.00
c)	Providing, fixing and connecting surface mounted Oslo make CYL 260 or PHILIPS 145 make down light fixture complete with 1 x 70 Watt metal halide lamp all complete as per drawing and specification.	Nos	75.00	3,000.00	225,000.00	8,500.00	637,500.00	3,600.00	270,000.00	5,060.00	379,500.00	1,650.00	123,750.00	1,500.00	112,500.00	6,000.00	450,000.00
d)	Providing, fixing and connecting surface mounted Oslo make REGGIANI SUPERTECHNE recessed down light fixture complete with 1 x 150 Watt metal halide lamp all complete as per drawing and specification.	Nos	33.00	7,000.00	231,000.00	990.00	32,670.00	6,000.00	198,000.00	4,600.00	151,800.00	3,200.00	105,600.00	1,000.00	33,000.00	8,675.00	286,275.00
e)	Providing, fixing and connecting Oslo SL-140 or PHILIPS TMS 140 make light fixture complete with 1x40 watts lamp all complete as per drawing and specification.	Nos	14.00	1,100.00	15,400.00	1,050.00	14,700.00	1,400.00	19,600.00	500.00	7,000.00	1,400.00	19,600.00	1,500.00	21,000.00	2,100.00	29,400.00
f)	Providing, fixing and connecting Oslo SL-140 or PHILIPS TMS 240 make light fixture complete with 2x40 watts lamp all complete as per drawing and specification.	Nos	2.00	3,500.00	7,000.00	1,800.00	3,600.00	6,000.00	12,000.00	4,500.00	9,000.00	2,800.00	5,600.00	1,500.00	3,000.00	3,200.00	6,400.00
g)	Providing, fixing and connecting PHILIPS DECO TWIST light fixture complete with 1x25 watts PLC lamp all complete as per drawing and specification.	Nos	24.00	1,200.00	28,800.00	825.00	19,800.00	1,800.00	43,200.00	3,000.00	72,000.00	1,200.00	28,800.00	1,000.00	24,000.00	1,900.00	45,600.00
h)	Providing, fixing and connecting approved make Decorative Light fixture complete with 2x20 watts PLC lamp all complete as per drawing and specification.	Nos	3.00	4,000.00	12,000.00	1,250.00	3,750.00	8,000.00	24,000.00	4,140.00	12,420.00	1,600.00	4,800.00	1,000.00	3,000.00	4,700.00	14,100.00
5	FAN & EXHAUST FAN																
a)	Providing installing and connecting A.C capacitor ceiling fan of 1400mm sweep delux type Asia/Milat/Climax or equivalent make complete with dimmer, blades, canopy, down rod and fan hook box etc. including providing and fixing of backlite ceiling rose, threading and making holes on both sides of the roof or beam as required, and wiring from ceiling rose to fan by 3x1.5 mm ² PVC insulated cable all complete as per drawings and specification or as directed by the Engineer.	Nos	88.00	2,750.00	242,000.00	2,500.00	220,000.00	3,600.00	316,800.00	6,500.00	572,000.00	2,900.00	255,200.00	3,000.00	264,000.00	3,600.00	316,800.00

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

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
b)	Providing installing and connecting A.C capacitor ceiling fan of 400mm/300mm/200mm sweep delux type Asia/Millat/Climax mak complete with capacitor louvers, shutter including making holes in wall to accommodate the fan and repairing the damages and also providing and fixing bakelite ceiling rose on wall or columns as required and connecting the fan from ceiling rose with 3x1.5mm ² copper conductor PVC insulated PVC sheathed flexible cable complete with all accessories all complete as per drawings and specification or as directed by the Engineer.	Nos	10.00	2,500.00	25,000.00	2,400.00	24,000.00	2,400.00	24,000.00	6,000.00	60,000.00	2,800.00	28,000.00	2,500.00	25,000.00	3,200.00	32,000.00
6	LIGHT CONTROL SWITCH & SWITCH SOCKET OUTLET																
a)	Providing, installing and connecting gangs switch of 10 amp rating as per drawings, suitable for closing and opening the point it is fixed on G.I concealed box, all complete as per drawing and specification. The make shall be CLISAL or MK.																
	1 gang	Nos.	5.00	250.00	1,250.00	250.00	1,250.00	400.00	2,000.00	530.00	2,650.00	550.00	2,750.00	500.00	2,500.00	275.00	1,375.00
	2 gang	Nos.	12.00	300.00	3,600.00	300.00	3,600.00	500.00	6,000.00	550.00	6,600.00	550.00	6,600.00	600.00	7,200.00	410.00	4,920.00
	3 gang	Nos.	18.00	350.00	6,300.00	400.00	7,200.00	600.00	10,800.00	600.00	10,800.00	650.00	11,700.00	700.00	12,600.00	510.00	9,180.00
	4 gang	Nos.	12.00	400.00	4,800.00	450.00	5,400.00	700.00	8,400.00	640.00	7,680.00	650.00	7,800.00	800.00	9,600.00	650.00	7,800.00
	5 gang	Nos.	10.00	450.00	4,500.00	500.00	5,000.00	700.00	7,000.00	760.00	7,600.00	750.00	7,500.00	1,000.00	10,000.00	700.00	7,000.00
b)	Providing, Fixing and connecting 3 pin 13 amp 250V flush/surface type combined switch socket outlet double gang fixed on G.I Box of suitable size recessed in wall or surface mounted all complete as per drawings.	Nos.	66.00	700.00	46,200.00	550.00	36,300.00	600.00	39,600.00	690.00	45,540.00	600.00	39,600.00	500.00	33,000.00	575.00	37,950.00
c)	Providing, Fixing and connecting 3 pin 15 amp 250V flush/surface type combined switch socket outlet fixed on G.I Box of suitable size recessed in wall or surface mounted all complete as per drawings.	Nos.	25.00	900.00	22,500.00	550.00	13,750.00	800.00	20,000.00	800.00	20,000.00	800.00	20,000.00	1,000.00	25,000.00	800.00	20,000.00
7	Earthing																
	Supply and installation of grounding electrode comprising of 600/600/3mm tinned copper plate with copper terminals for connecting to earth leads. The installation includes burying copperplate with terminal 4 meter below ground level and 2x35mm ² bare copper wire laid in 38mm dia PVC pipe between earth plate and earth connecting points, pouring charcoal and lime, backfilling of pits, constructing 600x600mm block masonry pits with heavy duty RCC cover all complete as per drawings, specifications and as directed by the Engineer.	Job.	1.00	25,000.00	25,000.00	35,000.00	35,000.00	30,000.00	30,000.00	90,000.00	90,000.00	32,000.00	32,000.00	25,000.00	25,000.00	30,000.00	30,000.00
8	Providing and construction of electrical manhole as per dimension shown on drawing. Complete in all respect or as directed by the Engineer.	Nos.	5.00	8,000.00	40,000.00	7,000.00	35,000.00	9,600.00	48,000.00	5,200.00	26,000.00	12,500.00	62,500.00	10,000.00	50,000.00	8,000.00	40,000.00
9	Supply and installation of PVC pipe 75mm dia for protection of cables embeded in structure, burried etc., complete as per specifications and drawings. Detail shown on drawings or as directed by the Engineer.	Rft.	100.00	100.00	10,000.00	200.00	20,000.00	240.00	24,000.00	320.00	32,000.00	180.00	18,000.00	50.00	5,000.00	150.00	15,000.00
Total Amount				2,480,650.00	2,535,860.00		2,535,860.00		2,868,800.00		4,046,665.00		2,182,550.00		1,861,500.00		3,627,570.00

UNIVERSITY OF KARACHI
DEPARTMENT OF BIOTECHNOLOGY (LEFT OVER QUANTITY)
PUBLIC ADDRESS SYSTEM
COMPARATIVE STATEMENTS

PART - B

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 10W ceiling speakers complete in all respects as per drawings and specifications.	Nos.	9.00	3,800.00	34,200.00	2,950.00	26,550.00	2,400.00	21,600.00	8,000.00	72,000.00	4,800.00	43,200.00	10,000.00	90,000.00	10,000.00	90,000.00
2	Supply & installation of wall mounted speaker complete in all respects as per drawings and specifications.	Nos.	12.00	3,000.00	36,000.00	6,900.00	82,800.00	3,000.00	36,000.00	11,000.00	132,000.00	5,600.00	67,200.00	5,000.00	60,000.00	10,000.00	120,000.00
3	Supply & installation of 60W volume controls complete in all respects as per drawings and specifications.	Nos.	4.00	6,000.00	24,000.00	6,900.00	27,600.00	6,000.00	24,000.00	13,200.00	52,800.00	18,000.00	72,000.00	3,000.00	12,000.00	18,000.00	72,000.00
4	Supply & installation of P.A system head end equipment with all mounting accessories as specifications complete in all respect.																
a	240W integrated amplifier	Nos.	4.00	9,200.00	36,800.00	39,000.00	156,000.00	9,600.00	38,400.00	13,000.00	52,000.00	26,000.00	104,000.00	50,000.00	200,000.00	15,000.00	60,000.00
b	Wiring connectors and equipment rack.	Nos.	4.00	2,000.00	8,000.00	12,000.00	48,000.00	1,500.00	6,000.00	18,000.00	72,000.00	1,500.00	6,000.00	1,500.00	6,000.00	2,500.00	10,000.00
5	Testing and commissioning of entire P.A system as per specification complete in all respect.	Job	1.00	35,000.00	35,000.00	10,000.00	10,000.00	30,000.00	30,000.00	50,000.00	50,000.00	12,000.00	12,000.00	15,000.00	15,000.00	50,000.00	50,000.00
Total Amount					174,000.00		350,950.00		156,000.00		430,800.00		304,400.00		383,000.00		402,000.00