Merrill Lynch

contract

Santiago, October 27th 2008

CIVIL WORKS ESTIMATE
Client: MERRILL LYNCH
Option with 2 30 KVA UPS
Adress: Apoquindo 3500 piso 9

U$D **666,77**

Item	Description	A/O	Q	U	Unit Cost	Subtotal	Total	U$D	50% $	U$D 50%
1, 00	**SITE WORK**									
1, 01	Trace, included in point 3		1	Gl	$ 0	$ 0				
	SITE WORK Subtotal 1,00						$ -	0,00 USD	$ -	0,00 USD
2, 00	**DEMOLITIONS**									
2, 01	Drywall partitions		1	Gl	$ 281.250	$ 281.250				
2, 02	Removal of glazed partitions		1	Gl	$ 168.750	$ 168.750				
2, 03	Gypsum board ceiling		20	M2	$ 7.500	$ 150.000				
2, 04	Tiled ceiling		76	m2	$ 1.000	$ 76.400				
2, 05	Removal of bathroom door for reuse.		1	U	$ 18.750	$ 18.750				
2, 06	Removal of baseboards		1	Gl	$ 37.500	$ 37.500				
2, 07	Removal of stone pavement and tiling in bathroom.		56	M2	$ 5.000	$ 281.500				
	DEMOLITIONS Subtotal 2,00						**$ 1.014.150**	1.520,99 USD	**$ 507.075**	760,49 USD
3, 00	**INTERNAL PARTITIONS DRY WALL**									
3, 01	Drywall partitions, one 15 mm sheet per side, includes insulation, height: deck to deck.		118	M2	$ 16.875	$ 1.985.259				
3, 02	Drywall beam to support new tiled ceiling in Trading Desk		12	Ml	$ 15.625	$ 181.250				
	INTERNAL PARTITIONS DRYWALL Subtotal 3,00						**$ 2.166.509**	3.249,26 USD	**$ 1.083.255**	1.624,63 USD
4, 00	**CEILING**									
4, 01	Tiled ceiling procurement, similar to the existent, for the Trading Desk (replacement)		29	M2	$ 12.488	$ 359.640				
4, 02	Tiled ceiling installation, existent tiles are considered.		105	M2	$ 5.625	$ 591.750				
4, 03	Gypsum board ceiling		22	U	$ 15.000	$ 330.000				
	CEILING Subtotal 4,00						**$ 1.281.390**	1.921,79 USD	**$ 640.695**	960,89 USD
5, 00	**PAVEMENT**									
5, 01	Pavement level off		82	M2	$ 9.250	$ 758.870				
5, 02	Carpet procurement, similar to the existent.		90	M2	$ 6.800	$ 613.659				
5, 03	Carpet installation		82	M2	$ 1.660	$ 136.186				
5, 04	Vinyl tiled pavement procurement, for the server room, 3,2mm thickness in 33 cm tiles.Colour Hematita 880.		13	M2	$ 6.963	$ 93.576				
5, 05	Vinyl pavement installation, includes sealing.		1	Gl	$ 63.291	$ 63.291				
	PAVEMENT Subtotal 5,00						**$ 1.665.583**	2.497,99 USD	**$ 832.791**	1.248,99 USD
6, 00	**BASEBOARDS**									
6, 01	Baseboards in new partitions.		76	Ml	$ 3.750	$ 284.625				
	BASEBOARDS Subtotal 6,00						**$ 284.625**	426,87 USD	**$ 142.313**	213,44 USD
7, 00	**INTERIOR PAINTING**									
7, 01	Plaster in NEW drywall partitions.		206	M2	$ 2.750	$ 567.188				
7, 02	Water paint, Sherwin Williams, in NEW drywall partitions.		206	M2	$ 2.363	$ 487.266				
7, 03	Plaster in gypsum board ceiling; Trading Desk, TBD and Pilotos areas.		100	M2	$ 2.750	$ 275.110				
7, 04	Water paint, SW, in gypsum board ceiling, same areas.		100	M2	$ 2.363	$ 236.345				
7, 05	Varnish for new doors.		3	U	$ 23.750	$ 71.250				
7, 06	Paint for bathroom door (reused door)		1	U	$ 28.750	$ 28.750				
7, 07	Silicone sealings		1	Gl	$ 81.250	$ 81.250				
7, 08	Baseboard painting		76	Ml	$ 875	$ 66.413				
7, 09	Plaster in existent walls, **optional does not sum**	O	101	M2	$ 2.750	$ 278.850				
7, 10	Painting in existent walls, **optional does not sum**	O	101	M2	$ 2.363	$ 239.558				
	INTERIOR PAINTING Subtotal 7,00						**$ 1.813.570**	2.719,93 USD	**$ 906.785**	1.359,97 USD
8, 00	**DOORS**									
8, 01	Wooden veneered doors, frames included.		3	U	$ 227.500	$ 682.500				
8, 02	Locks, hinges (4 per door) and doorstops.		3	U	$ 68.925	$ 206.775				
8, 03	Doors installation, reused door is included.		4	U	$ 35.000	$ 140.000				
	DOORS Subtotal 8,00						**$ 1.029.275**	1.543,67 USD	**$ 514.638**	771,84 USD
9, 00	**TILING IN BATHROOM**									
9, 01	Procurement of tiles, similar to the existent ones.		17	M2	$ 9.375	$ 161.719				
9, 02	Installation		15	M2	$ 8.125	$ 121.875				
	TILING IN BATHROOM Subtotal 9,00						**$ 283.594**	425,32 USD	**$ 141.797**	212,66 USD
10, 00	**ELECTRICAL SYSTEM AND STRUCTURED CABLING**									
	STRUCTURED CABLING									
10, 01	Cables cat 6		7600	MT	$ 353	$ 2.681.034				
10, 02	Double face plate rj-45 cat 6		76	U	$ 10.826	$ 822.800				
10, 03	Certification and label		152	U	$ 1.460	$ 221.879				
10, 04	Patch cord Cat 6		152	U	$ 4.014	$ 610.166				
10, 05	User cord Cat 6		107	MT	$ 4.744	$ 507.620				
10, 06	Attachment and others		1	Gl	$ 170.302	$ 170.302				
10, 07	Labour		1	Gl	$ 3.009.182	$ 3.009.182				
10, 08	**Difference for changing brand to Sistimax**		1	Gl	$ 2.659.873	$ 2.659.873				
	ELECTRICAL SYSTEM									
10, 09	Double socket for new workstations.		10	U	$ 8.275	$ 82.753				
10, 10	Double socket for computers, for new workstations.		10	U	$ 22.489	$ 224.893				
10, 11	Computer and normal circuits		3	U	$ 97.520	$ 292.559				
10, 12	Power circuits for server room		6	U	$ 97.520	$ 585.119				
10, 13	Electric panel for server room c/ 2 UPS 30 KVA		1	U	$ 1.139.390	$ 1.139.390				
10, 14	Relocation and installation of light fixtures		40	U	$ 5.015	$ 200.612				
10, 15	Relocation and installation of switch		10	U	$ 10.031	$ 100.306				
10, 16	Duct work for HVAC		8	U	$ 97.520	$ 780.158				
10, 17	Removal of existent cabling		1	Gl	$ 278.628	$ 278.628				
10, 18	Work on existent pannels		1	U	$ 427.893	$ 427.893				
10, 19	Ducts for cat 6, attachments and others.		1	Gl	$ 507.501	$ 507.501				

	DESIGN AND PROCEDURES									
10, 20	Autocad drawings + TE-1 (local procedure)		1	U	$ 248.775	$ 248.775				
	RACKS									
10, 21	Mini-Com TX6 PLUS Jack Module. Category 6, 8 position, 8 wire universal module		216	U	$ 6.209	$ 1.341.236				
10, 22	4 Post EIA rack 84"x23"x30"		3	U	$ 824.689	$ 2.474.067				
10, 23	24 port patch panel supplied with 6 factory installed CFFP4 type snap-in faceplate		9	U	$ 19.404	$ 174.640				
10, 24	GP6 PLUS Category 6 Standard Density Rack Mount Panel Kits. Two 96-pair (24 port) bases and jumper troughs premounted to panel with 4- pair connector kit incuded		1	U	$ 105.560	$ 105.560				
10, 25	Horizontal cable mgr front only		3	U	$ 94.694	$ 284.081				
10, 26	PatchLink Horizontal cable Magers. Two rack space horizontal cable manager, duct and cover 3"x3" (76.2mm x 76.2mm) on front only. Includes 3 wire retainers and mounting screws.		10	U	$ 46.571	$ 465.707				
10, 27	Vertical power strip 30 Amp, 250 V, 24 NEMA 6-20R receptacles, two 20 Amp double pole magnetic breaker/switch witch with integral switch guard, 10´ power cord with NEMA L6-30P twist lock plug.		4	U	$ 829.913	$ 3.319.654				
10, 28	Patchrunner Vertical Cable Manager Front & Rear 10" (254mm) for 84" High (2134mm) Racks		2	U	$ 484.335	$ 968.670				
10, 29	Patchrunner 10" (254mm) Dual Hinge Door for 84" High (2134mm) Racks		4	U	$ 204.135	$ 816.539				
10, 30	Patchrunner vertical cable manager front and rear 6" (152mm)		2	U	$ 370.237	$ 740.474				
10, 31	Patchrunner 6" (152mm) dual hinge door for 84" high (2134mm)		4	U	$ 169.207	$ 676.827				
10, 32	Labour		1	Gl	$ 3.009.182	$ 3.009.182				
10, 33	Attachments and others		1	Gl	$ 298.530	$ 298.530				
	UPS									
10, 33	UPS AEC Star T5 30 KVA Tri Tri On Line, double conversion, made in Italy. Internal batteries up to 10 minutes.		2	U	$ 8.110.298	$ 16.220.595				
	ELECTRICAL SYSTEM AND STRUCTURED CABLING Subtotal 10,00						**$ 46.447.206**	69.660,01 USD	**$ 23.223.603**	34.830,01 USD
11, 00	**HVAC SYSTEM**									
11, 01	Piping		1	Gl	$ 2.246.218	$ 2.246.218				
11, 02	Procurement of 5 ton (60000 BTU) uniits for server room.		3	U	$ 2.940.706	$ 8.822.117				
11, 03	Installation of HVAC units.		3	U	$ 1.187.684	$ 3.563.052				
11, 04	Ductwork for HVAC units, includes insulation.		1	Gl	$ 1.592.288	$ 1.592.288				
11, 05	Removal of three fan coils and existent ducts.		1	Gl	$ 570.000	$ 570.000				
11, 06	Removal of existant fan coil in server room.		1	U	$ 142.500	$ 142.500				
11, 07	Piping insulation		1	Gl	$ 95.000	$ 95.000				
11, 08	Installation of fan coils		3	U	$ 142.500	$ 427.500				
11, 09	Ducts		1	Gl	$ 641.250	$ 641.250				
11, 10	Existent thermostats, includes relocation, duct work and cabling.		3	U	$ 58.188	$ 174.563				
11, 11	Installation of existant 12000 BTU fan coil unit in new server room		1	U	$ 142.500	$ 142.500				
	DRAWINGS									
11, 12	Drawings and as builts		1	U	$ 296.875	$ 296.875				
	HVAC SYSTEM Subtotal 11,00						**$ 18.713.863**	28.066,44 USD	**$ 9.356.932**	14.033,22 USD
12, 00	**FIRE PROTECTION SYSTEM**									
12, 01	Modificación de sistema de detección y extinción de acuerdo a proyecto nuevo		1	Gl	$ 1.774.375	$ 1.774.375				
	DRAWINGS									
12, 02	Drawings and as builts		1	U	$ 644.384	$ 644.384				
	FIRE PROTECTION SYSTEM Subtotal 12,00						**$ 2.418.759**	3.627,58 USD	**$ 1.209.379**	1.813,79 USD
13, 00	**LIGHTING FIXTURE**									
13, 01	PL with electromagnetic ballast, 2x26w, LAYRTON brand, PHILLIPS light bulbs.		14	U	$ 14.375	$ 201.250				
13, 02	Hanging fixture, model BASIC 2x36W. DIF. LAMAS BASIC 1175MM, fluorescent. **Is an option it does not sum up.**	O	3	U	$ 53.291	$ 159.874				
	LIGHTING FIXTURES Subtotal 13,00						**$ 201.250**	301,83 USD	**$ 100.625**	150,91 USD
14, 00	**SPECIAL FURNITURE**									
14, 01	Money market desk according to new layout.		1	U	$ 4.374.000	$ 4.374.000				
14, 02	Workplace for technology area, includes drawer.		2	U	$ 256.500	$ 513.000				
14, 03	Workplace for backoffice, includes drawer.		1	U	$ 317.250	$ 317.250				
14, 04	Movimiento de mobiliario existente a sus nuevas ubicaciones		1	Gl	$ 337.500	$ 337.500				
	MOBILIARIO ESPECIAL Subtotal 14,00						**$ 5.541.750**	8.311,34 USD	**$ 2.770.875**	4.155,67 USD
15, 00	**CIVIL WORKS FOR THE NEW SERVER ROOM**									
15, 01	Drywall partitions, one 15 mm sheet per side, includes insulation, height: deck to deck.		15	U	$ 16.875	$ 258.947				
15, 02	Vinyl tiled pavement procurement, for the server room, 3,2mm thickness in 33 cm tiles.Colour Hematita 880.		9	M2	$ 6.963	$ 64.334				
15, 03	Vinyl pavement installation, includes sealing.		1	Gl	$ 63.291	$ 63.291				
15, 04	Baseboards in new partitions.		15	Ml	$ 3.750	$ 56.250				
15, 05	Plaster in NEW drywall partitions.		31	M2	$ 2.750	$ 84.398				
15, 06	Water paint, Sherwin Williams, in NEW drywall partitions.		31	M2	$ 2.363	$ 72.505				
15, 07	Water paint, SW, in gypsum board ceiling, same areas.		15	Ml	$ 875	$ 13.125				
	TRABAJOS EN SALA DE SERVIDORES Subtotal 15,00						**$ 612.849**	919,13 USD	**$ 306.425**	459,57 USD
16, 00	**SITE CLEANING**									
16, 01	Daily cleaning.		1	GL	$ 312.500	$ 312.500				
16, 02	Final cleaning		1	GL	$ 287.500	$ 287.500				
16, 03	Debris removal		1	GL	$ 300.000	$ 300.000				
	SITE CLEANING Subtotal 16,00						**$ 900.000**	1.349,79 USD	**$ 450.000**	674,90 USD
17, 00	**SAFETY AT WORK**									
17, 01	Safety at work fees		1	GL	$ 283.529	$ 283.529				
	SAFETY AT WORK Subtotal 17,00						**$ 283.529**	425,23 USD	**$ 141.764**	212,61 USD
18, 00	**FEES**									
18, 01	Architectual drawings and as builts		1	GL		$ 720.000				
18, 02	Project Management, includes furniture coordination.		1	GL		$ 1.575.000				
	FEES Subtotal 18,00						**$ 2.295.000**	3.441,97 USD	**$ 1.147.500**	1.720,98 USD
19, 00	**OVERHEAD AND PROFIT**									
19, 01	Overhead		1	GL		$ 3.353.567				
19, 02	Profit		1	GL		$ 5.961.898				
	OVERHEAD AND PROFIT Subtotal 19,00						**$ 9.315.465**	13.971,03 USD	**$ 4.657.733**	6.985,52 USD
Total Estimate							**$ 96.268.367**	144.380,17 USD	**$ 48.134.184**	72.190,09 USD

	DISCOUNT	**$ 1.280.181**	**2461,65**	**$ 640.090**	**1230,83**
Delivery date: 50 **days since down payment.**	**TOTAL**	**$ 94.988.186**	**141918,52**	**$ 47.494.093**	**70959,26**
NOTE: This payment of 50% is to close all the contracts to can start the works	**DISCOUNT**	**$ 685.824**	**1200,00**	**$ 342.912**	**600,00**
	TOTAL	**$ 94.302.362**	**140718,52**	**$ 47.151.181**	**70359,26**
	TAX 19%	**$ 17.917.449**	**26736,52**	**$ 8.958.724**	**13368,26**
	TOTAL	**$ 112.219.811**	**167455,04**	**$ 56.109.905**	**83727,52**

Payment schedule:
50% Down payment.
20% After 25 days.
20% Once delivered.
10% Once punch list has been finished.

REMARKS:

1,- Electric connection is not included, in case it should be needed from local provider.

2,- Items 10,01 / 10,02 / 10,04 / 10,05 / 10,21 to 10,31 / 10,33 and 11,02 are in U$S and they may change according to the exchange rate at the moment of Purchase Order..

3,- The estimate is in $ and USD must be calculated according to exchange rate.

4,- Possible requests of guarantee from the Property Manager or Municipal procedures are not included.

5,- UPS connection is considered next to the electric pannel, long distance connectivity must be estimated and approved by client.

5,- Permission to conect the UPS to the building generator must be obtained by the client.

6,- Racks, cable managers and power strips are Panduit

REFERENCIAS:

O: ítems opcional, no suma en total ni subtotal

A: ítems alternativo, no suma en total ni subtotal (reemplaza al item anterior)