



BUDGET CIVIL WORKS AND FURNITURE ALTERNATIVE 2

Customer: NATIONAL INSTRUMENTS

Works: General offices

Address: 3rd Floor, Edificio Las Artes, Torre 6, Las Condes, Santiago Chile

Santiago August 22 ,2012.

UF. 22.559,48

Dólar 490,38

M2 230

Rubro	Descripción	A/O	Cant	U	P-Unitario	Subtotal	Total	USD
1, 00	PRELIMINARY WORKS							
1, 01	Demolition of existing bathroom and kitchenette		1	GL	\$ 479.808	\$ 479.808		
1, 02	Paths and levels.		1	GL	\$ 367.500	\$ 367.500		
1, 03	Leveling of existing slab.		230	M2	\$ 11.525	\$ 2.650.704		
1, 04	Covering 100% of the common areas of hall and elevators		1	GL	\$ 126.000	\$ 126.000		
	Subtotal PRELIMINARY WORKS 1,00						\$ 3.624.012	7390,21
2, 00	PARTITION WALLS							
2, 01	Dry wall partition, Includes 1 layer gypsum 15 mm each side and insulation 50 mm		237	M2	\$ 22.932	\$ 5.423.418		
2, 02	Perimetral beam or meeting room ceiling.		32	ML	\$ 21.168	\$ 675.259		
2, 03	Volcometal reinforced lintel over doors and glass partitions		17	ML	\$ 22.932	\$ 378.378		
2, 04	Reinforced walls for hanging furniture, boards and curtain		1	GL	\$ 176.400	\$ 176.400		
	Subtotal PARTITION WALLS 2,00						\$ 6.653.455	13567,96
3, 00	CEILING							
3, 01	Gypsum board ceiling		45	M2	\$ 18.816	\$ 843.013		
3, 02	Provision of modular ceiling Model SAND. 60 x 60 cm.		204	M2	\$ 6.626	\$ 1.350.986		
3, 03	Installation of modular ceiling		204	M2	\$ 2.300	\$ 468.884		
	Subtotal CEILING 3,00						\$ 2.662.883	5430,24
4, 00	PAVEMENT							
4, 01	Provision of carpet tile Diffuse model,beige-grey colour		180	M2	\$ 11.655	\$ 2.097.900		
4, 02	Carpet installation, includes glue		180	M2	\$ 3.413	\$ 614.250		
4, 03	Provision of porcelain model Accua grey 30 x 60 cm in bathrooms		6	M2	\$ 7.340	\$ 42.276		
4, 04	Installing porcelain.		6	M2	\$ 12.348	\$ 71.124		
4, 05	Provision of laminated wood floor Standard Rosewood 80868		29	M2	\$ 5.506	\$ 158.563		
4, 06	Installing laminate wood floor		25	M2	\$ 4.610	\$ 114.085		
4, 07	Provision of vinyl floor in 45x45 Decotile palmettes, COD. DTL 2962		36	M2	\$ 7.744	\$ 275.999		
4, 08	Installing vinyl flooring		36	M2	\$ 4.120	\$ 146.844		
4, 09	Provision and installation of baseboards of MDF wood veneer.		172	ML	\$ 6.300	\$ 1.081.080		
4, 10	Provision and installation of stainless steel joint covers.		8	ML	\$ 8.190	\$ 63.063		

	Subtotal PAVEMENTS 4,00						\$ 4.665.184	9513,41
5, 00	PAINTING AND COVERINGS							
5, 01	Preparation of new partitions surface.	347	M2	\$ 3.885	\$ 1.347.218			
5, 02	Painting on new partition walls.	347	M2	\$ 3.071	\$ 1.065.030			
5, 03	Surface preparation of concrete walls and pillars.	60	M2	\$ 7.350	\$ 441.000			
5, 04	Preparation of existing partitions surface.	65	M2					
5, 05	Painting on concrete walls, pillars and walls exist.	125	M2	\$ 3.071	\$ 383.906			
5, 06	Preparation of lintel and beams	44	ML	\$ 4.725	\$ 207.900			
5, 07	Painting on lintels and beams.	44	ML	\$ 3.071	\$ 135.135			
5, 08	Preparation on gypsum ceiling	41	M2	\$ 3.885	\$ 158.236			
5, 09	Painting on gypsum ceiling	41	M2	\$ 3.071	\$ 125.092			
5, 10	Provision of porcelain model Accua grey 30 x 60 cm in bathrooms	24	M2	\$ 7.340	\$ 179.671			
5, 11	Installing porcelain	24	M2	\$ 12.348	\$ 302.279			
	Subtotal PAINTING AND COVERINGS 5,00						\$ 4.345.467	8861,43
6, 00	CRYSTALS							
6, 01	Supply and installation of mirror 78 x 110 cm in bathrooms	2	U	\$ 52.500	\$ 105.000			
	Subtotal CRYSTALS 6,00						\$ 105.000	214,12
7, 00	CURTAINS							
7, 01	Screen roller shades 3% colour gray pearl, in other windows	37	M2	\$ 17.850	\$ 666.787			
7, 02	Blackout roller curtains colour Off White in Training and Conference Room	54	M2	\$ 23.100	\$ 1.238.853			
	Subtotal CURTAINS 7.00						\$ 1.905.640	3886,05
8, 00	CORPORATE LOGO							
8, 01	Supply and installation of corporate logo in stainless steel.	1	U	\$ 682.500	\$ 682.500			
	Subtotal CORPORATE LOGO 8.00						\$ 682.500	1391,78
9, 00	CARPENTRY							
9, 01	Solid doors with plastic laminate cladding colour Noce for 90 x h250 span. Includes frame, hardware and installation.	7	U	\$ 336.000	\$ 2.352.000			
9, 02	Solid doors with plastic laminate cladding colour Noce for 70 x h250 span. Includes frame, hardware and installation.	2	U	\$ 283.500	\$ 567.000			
	Subtotal CARPENTRY 9.00						\$ 2.919.000	5952,53
10, 00	ELECTRICITY AND STRUCTURED WIRING							
	STRUCTURED WIRING CAT 6							
10, 01	23 AWG Cat6 UTP Cable NON Plenum 1000 FT - 305 ML White	12	U	\$ 252.301	\$ 3.027.606			
10, 02	White Data Faceplate	38	U	\$ 741	\$ 28.175			
10, 03	Data port RJ 45 Cat 6	72	U	\$ 4.196	\$ 302.143			
10, 04	Blanc faceplate	5	U	\$ 7.837	\$ 39.184			
10, 05	Patch Panel Cat6 48 Port 2U Black	2	U	\$ 220.207	\$ 440.414			

10, 06	Cat 6 patch cord 24 AWG 5 FT - 1.5 MI - Blue		50	U	\$	3.723	\$	186.136		
10, 07	Cat 6 patch cord 24 AWG 5 FT - 1.5 MI - Gray		50	U	\$	3.723	\$	186.136		
10, 08	Cat 6 patch cord 24 AWG 7 FT - 2.1 MI - Gray		50	U	\$	4.011	\$	200.553		
10, 09	Cat 6 patch cord 24 AWG 15 FT - 4.6 MI - Orange		20	U	\$	5.149	\$	102.980		
10, 10	Cat 6 patch cord 24 AWG 15 FT - 4.6 MI - Red		20	U	\$	5.149	\$	102.980		
10, 11	Quad rack server frame 7'H X 19"W X 29"D Four post Steel SQ holes		1	U	\$	585.509	\$	585.509		
10, 12	Shelf fixed for quad rack vented black		3	U	\$	155.557	\$	466.670		
10, 13	Cage nut multimount kit 12-24 Screws black, 25 / Pack		2	U	\$	25.928	\$	51.856		
10, 14	Doubled-slided vertical cable MGMT w/Easy open doors, black. 6"W X 84"H X 24.5"D		4	U	\$	624.744	\$	2,498.976		
10, 15	Cable manager, horizontal 2 RMU, 19"W X 11.73"D black double-sided.		3	U	\$	53.813	\$	161.438		
10, 16	Rack & frame installation kit for concrete floor zinc hardware only		3	U	\$	16.328	\$	48.984		
10, 17	Cable runway ladder rack 9' 11.5"L X 12"W straight section steel black.		3	U	\$	70.473	\$	211.418		
10, 18	Rack /runway mounting plate mounts 9"W TO 12"W runway w/ hardware black.		6	U	\$	18.147	\$	108.884		
10, 19	Cable runway support kit 12"w wall angle support kit black		10	U	\$	18.147	\$	181.473		
10, 20	Cable runway butt splice kit 1.5" stringers black		10	U	\$	7.071	\$	70.713		
10, 21	Junction splice kit for cable runway 1.5" X 0.375" black		10	U	\$	7.392	\$	73.917		
10, 22	Cable runway grounding kit hardware included		1	U	\$	22.816	\$	22.816		
10, 23	Runway J-bolt 1/4-20 1-3/4"L W 7/32" opening gold zinc		1	U	\$	189.941	\$	189.941		
10, 24	Air shipping rack		1	GL	\$	926.818	\$	926.818		
10, 25	Labor		1	GL	\$	6,178.788	\$	6,178.788		
	ELECTRICITY									
10, 26	Adaptation of electrical panel (TDF and TDA)		1	GL	\$	844.673	\$	844.673		
10, 27	Duplex receptacle		56	U	\$	12.265	\$	686.831		
10, 28	Dedicated circuit duplex receptacle		18	U	\$	21.190	\$	381.421		
10, 29	Regulars and dedicated circuits 3X12 AWG THHN		10	U	\$	95.697	\$	956.970		
10, 30	Power circuits 3X12 AWG THHN (for kitchen)		2	U	\$	95.697	\$	191.394		
10, 31	Dedicate Circuit for air conditioning + Pipe VRF system thermostat / dumper / server room		3	U	\$	131.339	\$	394.018		
10, 32	105x50 mm duct white - perimeters and downs (not furniture)		30	ML	\$	17.186	\$	515.592		
10, 33	EPC 300x50 mm with separator and bare copper wire		40	ML	\$	22.167	\$	886.662		
10, 34	PVC channeling		1	GL	\$	1,259.685	\$	1,259.685		
10, 35	Center of illumination		84	U	\$	15.478	\$	1,300.112		
10, 36	Installation of lamps		84	U	\$	3.418	\$	287.091		
10, 37	Installation of switches		12	U	\$	18.261	\$	219.127		
10, 38	Installation of dimmers		2	U	\$	20.897	\$	41.794		
10, 39	Installation support, VGA cable x 2, and connection. LCD / audio / video / HDMI.		3	U	\$	419.895	\$	1,259.685		
10, 40	Box table with embedding in electrical plug RJ45 HDMI-VGA-Kramer		1	U	\$	474.579	\$	474.579		
10, 41	Coaxial cable TV wiring		4	U	\$	146.475	\$	585.900		
10, 42	UPS APC 6 KVA 6000 XLI		1	U	\$	1,523.340	\$	1,523.340		
10, 43	Rail kit for rack mount UPS		1	U	\$	190.418	\$	190.418		
10, 44	PDU APC 9565		2	U	\$	142.178	\$	284.357		
10, 45	UTP wire Cat 6 standard 2 to 6 mt		13	U	\$	9.374	\$	121.867		
10, 46	Power wire 10 A socket normal 2 to 6 mt		13	U	\$	8.203	\$	106.634		
10, 47	Audio System 30 w amplifier with volume control to wall. Approved.		1	GL	\$	366.188	\$	366.188		
10, 48	Speaker to sky 30 w		2	U	\$	61.124	\$	122.248		
10, 49	Channeling and speaker wiring, installation and commissioning.		1	GL	\$	87.885	\$	87.885		
10, 50			1	U	\$	239.649	\$	239.649		
10, 51	Electric project and certifications (TE1)		1	U	\$	439.425	\$	439.425		

10, 52	Slaughter facilit,minced Slab for electrification of conference table and in minor.		1	GL	\$ 439.425	\$ 439.425		
	Subtotal ELECTRICITY AND STRUCTURED WIRING 10,00						\$ 30.601.474	62403,59
11, 00	LIGHTING							
11, 01	Equipment 60x60 cm RELAX ECO model, high efficiency, for embedding, with 3x14 T5 and electronic ballast.		47	U	\$ 29.615	\$ 1.391.917		
11, 02	Embedding spotlight, Led 7W		14	U	\$ 8.260	\$ 115.645		
11, 03	Embedding spotlight, Led 4,5 W dimmable		23	U	\$ 8.260	\$ 189.988		
	Subtotal LIGHTING 11,00						\$ 1.697.550	3461,70
12, 00	AIR CONDITIONING SYSTEM							
12, 01	Supply and installation of equipment 24/7		1	U	\$ 1.175.789	\$ 1.175.789		
12, 02	Supply and installation of water pipes		1	GL	\$ 570.150	\$ 570.150		
12, 03	Installation of equipment VRV indoor units		6	U	\$ 39.359	\$ 236.156		
12, 04	Supply and installation of diffusers		30	U	\$ 22.107	\$ 663.201		
12, 05	Supply and installation of pipes for cooling system		1	GL	\$ 3.764.649	\$ 3.764.649		
12, 06	Supply and installation of drainage pipes		1	GL	\$ 175.814	\$ 175.814		
12, 07	Supply and installation of galvanized pipelines, soportacion, templadores,in minor.		1	GL	\$ 2.919.951	\$ 2.919.951		
12, 08	Supply and installation of insulation for pipelines		1	GL	\$ 199.422	\$ 199.422		
12, 09	Supply and installation of flexible duct		1	GL	\$ 216.479	\$ 216.479		
12, 10	Electrical wiring of air conditioning equipment		6	U	\$ 102.043	\$ 612.259		
12, 11	Shipping		1	GL	\$ 78.720	\$ 78.720		
12, 12	Installation and commissioning		1	GL	\$ 1.249.500	\$ 1.249.500		
12, 13	As built drawings, certificates		1	GL	\$ 420.192	\$ 420.192		
					\$ 0	\$ 0		
	Subtotal AIR CONDITIONING SYSTEM 12,00						\$ 12.282.282	25046,46
13, 00	SECURITY							
	Firefighting							
13, 01	Relocation of existing sprinkler		10	U	\$ 17.861	\$ 178.605		
13, 02	Standard sprinkler		14	U	\$ 24.806	\$ 347.288		
13, 03	Pipes, fittings and hardware		1	U	\$ 309.582	\$ 309.582		
13, 04	Installation and commissioning		1	GL	\$ 357.210	\$ 357.210		
	Fire detection systems							
13, 05	Smoke Detector		7	U	\$ 39.690	\$ 277.830		
13, 06	Relocation of smoke detector		4	U	\$ 14.884	\$ 59.535		
13, 07	Fire button		1	U	\$ 34.729	\$ 34.729		
13, 08	Siren with strobe light		1	U	\$ 34.729	\$ 34.729		
13, 09	Speaker Relocation		1	U	\$ 14.884	\$ 14.884		
13, 10	Programming Equipments		7	U	\$ 20.837	\$ 145.861		
13, 11	Channelling		70	U	\$ 1.191	\$ 83.349		
13, 12	Cabling		90	U	\$ 377	\$ 33.935		
13, 13	Hardware		1	U	\$ 39.690	\$ 39.690		
13, 14	Installation and commissioning		1	GL	\$ 222.264	\$ 222.264		
	Access Control							
13, 15	Biometric Access Control		1	U	\$ 128.000	\$ 128.000		

13, 16	Electromagnetic Lock		1	U	\$	49.613	\$	49.613		
13, 17	Locking button		2	U	\$	3.969	\$	7.938		
13, 18	Power Supply with Batteries		1	U	\$	29.768	\$	29.768		
13, 19	Relocation intercom		1	U	\$	11.907	\$	11.907		
13, 20	Cabling		40	U	\$	248	\$	9.923		
13, 21	Installation and commissioning		1	GL	\$	148.838	\$	148.838		
	Subtotal SECURITY 13,00							\$ 2.525.475	5150,04	
14, 00	FIXTURES									
14, 01	Provision of lavatory. Consider fittings.		2	U	\$	43.316	\$	86.633		
14, 02	Provision of toilet with dual flush.Consider fittings		2	U	\$	86.213	\$	172.426		
	Faucets									
14, 03	Provision of faucets Lavatory		2	U	\$	22.640	\$	45.280		
	Accessories									
14, 04	Small trash basket stainless stee for bath		2	U						
14, 05	Small trash basket metal grid for work stations		16	U						
14, 06	Medium trash basket plastic for kitchen		1	U						
	Subtotal FIXTURES 14,00							\$ 304.339	620,62	
15, 00	SYSTEM OF WATER AND SEWER									
	Sewerage									
15, 01	Supply and installation of 110mm PVC pipes		6	ML	\$	14.540	\$	87.239		
15, 02	Supply and installation of 50mm PVC pipes		2	ML	\$	11.894	\$	23.788		
15, 03	Supply and installation of 40mm PVC pipes		6	ML	\$	11.313	\$	67.876		
	Potable Water									
15, 04	Supply and installation of copper pipe of 20 mm.		6	ML	\$	22.478	\$	134.867		
15, 05	Supply and installation of copper pipe of 13 mm.		8	ML	\$	17.186	\$	137.486		
15, 06	Sealing pipes and fretwork wall		1	GL	\$	57.750	\$	57.750		
	Installation of devices									
15, 07	Removing existing toilet		4	U	\$	19.320	\$	77.280		
15, 08	Installation of new WC		2	U	\$	19.320	\$	38.640		
15, 09	Removing existing lavatory		4	U	\$	19.320	\$	77.280		
15, 10	Install new lavatory		2	U	\$	19.320	\$	38.640		
15, 11	Removing existing dishwasher		1	U	\$	19.320	\$	19.320		
15, 12	Install new dishwasher		1	U	\$	19.320	\$	19.320		
15, 13	Sanitary project and certificates		1	GL	\$	555.660	\$	555.660		
	Subtotal SYSTEM OF WATER AND SEWER 15,00							\$ 1.335.145	2722,67	
16, 00	SPECIAL FURNITURE									
16, 01	Reception Furniture, MDF plastic laminated with tempered glass cover.		1	U	\$	1.412.250	\$	1.412.250		
16, 02	Kitchenette cabinet MDF plastic laminated, coated postforming. Includes double-bowl stainless steel and faucet.Garbage disposal does not include.		1	U	\$	677.517	\$	677.517		
16, 03	File cabinets for Conference room		1	U	\$	409.500	\$	409.500		
16, 04	File cabinets for Training room		1	U	\$	1.260.000	\$	1.260.000		
16, 05	Furniture stored outside server with wardrobe closet. MDF laminated.		1	U	\$	676.400	\$	676.400		
16, 06	Furniture stored outside with space por printer server. MDF laminated.		1	U	\$	1.323.646	\$	1.323.646		
16, 07	Furniture stored whit doors to hide electrical panel. MDF laminated.		1	U	\$	836.908	\$	836.908		
16, 08	Lavatory vanity granite in bathrooms. Consider wall support		2	U	\$	228.750	\$	457.500		

	Subtotal SPECIAL FURNITURE 16,00						\$ 7.053.719	14384,19
17, 00	FURNITURE							
	Reception							
17, 01	Chair model Cómodo, fabric skin, white, wood legs	2	U	\$ 266.385	\$ 532.770			
17, 02	Side table, model GR sigaro, tempered glass and chrome tubular steel structure	1	U	\$ 70.350	\$ 70.350			
	Conference Room							
17, 03	Conference table of 320 x 120 cm in 2 parts, leg structure and steel beams.Chipboard 25 mm thick.	1	U	\$ 1.189.816	\$ 1.189.816			
	Training							
17, 04	2 decks lines of 60 x 140 (for two people) + 4 covered straight 220 x60 (for three people) with metal frame electrifiable. Chipboard 25 mm thick.	1	GL	\$ 1.289.376	\$ 1.289.376			
	Lab							
17, 05	240x60 Straight Deck.Chipboard 25 mm thick.	2	U	\$ 86.091	\$ 172.181			
17, 06	Pedestal files whit 4 Drawers .Front in formica, melamine body.	3	U	\$ 180.777	\$ 542.332			
17, 07	Wall cabinet 80 cm wide.	5	U	\$ 111.604	\$ 558.022			
	Open Office							
17, 08	Workstation 180 x 180 cm (consisting of 3 decks). Formica 24 mm thick.	9	U	\$ 121.998	\$ 1.097.981			
17, 09	Pedestal files whit 4 Drawers .Front in formica, melamine body.	9	U	\$ 180.777	\$ 1.626.995			
17, 10	Paneling dividing H122 cm. Consider openwork metal support for electrification. Alternative 2.	1	GL	\$ 6.413.605	\$ 6.413.605			
	Breake - Coffee							
17, 11	Shell model chair, plastic back and seat, steel chromed	4	U	\$ 37.299	\$ 149.197			
17, 12	Dining table "Pindus" model, cover in black glass, 1mt diameter, grey metal base	1	U	\$ 199.395	\$ 199.395			
	Chairs							
17, 13	Chair model Brain black. Seat fabric mesh backrest.	37	U	\$ 112.665	\$ 4.168.605			
	Subtotal FURNITURE 17,00						\$ 18.010.624	36727,89
18, 00	CLEANING WORKS							
18, 01	Cleaning daily work.	1	GL	\$ 1.146.600	\$ 1.146.600			
18, 02	Final Construction Cleaning. Consider cardboard to cover carpet	1	GL	\$ 483.000	\$ 483.000			
18, 03	Removal of debris	9	U	\$ 82.320	\$ 740.880			
	Subtotal CLEANING WORKS 18,00						\$ 2.370.480	4833,97
19, 00	VARIOUS							
19, 01	Fees for service work risk prevention	1	GL	\$ 260.562	\$ 260.562			
19, 02	Fees for local processing.	1	GL	\$ 326.887	\$ 326.887			
19, 03	Security considers all risk insurance for 10000 UF and civil responsibility for 10000 UF.	1	GL	\$ 504.000	\$ 504.000			
19, 04	Guaranty certificate for 500 UF	1	GL	\$ 189.000	\$ 189.000			
19, 05	Guaranty certificate for advance	1	GL	\$ 567.000	\$ 567.000			
19, 06	Guaranty certificate for 10% at 12 months	1	GL	\$ 572.250	\$ 572.250			
	Subtotal VARIOUS 19,00						\$ 2.419.699	4934,33
20, 00	CERTIFICATIONS							
20, 01	Visación climate project (at no cost, including by building)	1	GL	\$ 0	\$ 0			

20, 02	Visación electrical project		1	GL	\$ 236.875	\$ 236.875		
20, 03	Visación security project		1	GL	\$ 118.437	\$ 118.437		
20, 04	Visación structural Calculation Project		1	GL	\$ 236.875	\$ 236.875		
20, 05	Visación sanitary project (at no cost, including by building)		1	GL	\$ 0	\$ 0		
	Subtotal CERTIFICATIONS 20,00						\$ 592.186	1207,61
21, 00	PROFESIONAL FEES							
21, 01	Executive proyect and as-built of Architecture		1	GL		\$ 840.000		
21, 02	Construction Management		1	GL		\$ 3.536.000		
	Subtotal PROFESIONAL FEES 21,00						\$ 4.376.000	8923,69
22, 00	OVERHEADS AND PROFIT							
22, 01	Overheads		1	GL		\$ 7.773.329		
22, 02	Profit		1	GL		\$ 14.436.182		
	Subtotal OVERHEADS AND PROFIT 22,00						\$ 22.209.511	45290,41
NET PRICE							\$ 133.341.625	271914,89

Delivery time: Beginning as deadline September 1 date of delivery is the October 29.

TAX 19% \$ 25.334.909 51663,83
TOTAL \$ 158.676.534 323578,72

Maintenance of supply: Prices of the day

USD X M2 1.182,24

Payment:

50% advance of the total work

20% construction progress, at 26 days.

20% from provisional reception and / or occupation of the office by the customer.

10% to final reception.

NOTAS:

1- This budget considers the use of 8 teams of climate provided by the building.

2.- Not considered increased electrical junction

3.- Not considered or provision or the transfer of central telephone, switch etc.

4.- The period of work starts after the entry authorized by the building management and the payment of the advance.

REFERENCES:

O: optional items is not adding in the total or the subtotal amount.

A: alternative items, is not adding in total or subtotal amount (replaces the after item)