

SCHEMATIC
COST PLAN

for

Main Library
Palo Alto, California

May 5, 2008

DAVIS LANGDON

SCHEMATIC COST PLAN

for

Main Library
Palo Alto, California

Group 4
Architecture Research + Planning, Inc.
211 Linden Avenue
South San Francisco, CA 94080

Tel: (650) 871-0709
Fax: (650) 871-7911

May 5, 2008

DAVIS LANGDON 343 Sansome Street
Suite 1050
San Francisco
California 94104
Tel: 415.981.1004
Fax: 415.981.1419
www.davislangdon.com

EXCLUSIONS

Loose furniture and equipment except as specifically identified

AV Equipment (Technology Budget)

Hazardous material handling, disposal and abatement

Compression of schedule, premium or shift work, and restrictions on the contractor's working hours

Design, testing, inspection or construction management fees

Scope change and post contract contingencies

Assessments, taxes, finance, legal and development charges

Environmental impact mitigation

Builder's risk, project wrap-up and other owner provided insurance program

Land and easement acquisition

Cost escalation beyond a start date of January 2008

OVERALL SUMMARY

	Gross Floor Area	\$ / SF	\$x1,000
Existing Building	20,476 SF	269.28	5,514
Program Room and Group Study	3,639 SF	681.38	2,480
<i>TOTAL Building Construction</i>	24,115 SF	331.46	7,993
Sitework	20,000 SF	40.73	815
<i>TOTAL Building & Sitework Construction</i>	January 2008		8,808

Please refer to the Inclusions and Exclusions sections of this report

EXISTING BUILDING COMPONENT SUMMARY

	Gross Area: 20,476 SF		
		\$/SF	\$x1,000
1. Foundations		3.42	70
2. Vertical Structure		6.10	125
3. Floor & Roof Structures		3.32	68
4. Exterior Cladding		30.65	628
5. Roofing, Waterproofing & Skylights		7.30	150
<i>Shell (1-5)</i>		50.79	1,040
6. Interior Partitions, Doors & Glazing		3.42	70
7. Floor, Wall & Ceiling Finishes		20.80	426
<i>Interiors (6-7)</i>		24.22	496
8. Function Equipment & Specialties		13.33	273
9. Stairs & Vertical Transportation		0.00	0
<i>Equipment & Vertical Transportation (8-9)</i>		13.33	273
10. Plumbing Systems		0.00	0
11. Heating, Ventilating & Air Conditioning		74.16	1,518
12. Electric Lighting, Power & Communications		56.24	1,152
13. Fire Protection Systems		2.50	51
<i>Mechanical & Electrical (10-13)</i>		132.90	2,721
<i>Total Building Construction (1-13)</i>		221.25	4,530
14. Site Preparation & Demolition		7.69	157
15. Site Paving, Structures & Landscaping		0.00	0
16. Utilities on Site		0.00	0
<i>Total Site Construction (14-16)</i>		7.69	157
<i>TOTAL BUILDING & SITE (1-16)</i>		228.94	4,688
General Conditions	12.00%	27.50	563
Contractor's Overhead & Profit or Fee	5.00%	12.84	263
<i>RECOMMENDED BUDGET</i>		<i>January 2008</i>	269.28
			5,514

<i>Item Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Rate</i>	<i>Total</i>
<u>1. Foundations</u>				
New foundations under braced frames (6' x 3')	140	LF	500.00	70,000
				70,000
<u>2. Vertical Structure</u>				
Braced frames	10	EA	12,500.00	125,000
				125,000
<u>3. Floor and Roof Structure</u>				
Slab replacement at foundations	1,400	SF	20.00	28,000
Strengthen connections at re-entrant corners	2	EA	10,000.00	20,000
Tie across high pitched roof	50	LF	400.00	20,000
				68,000
<u>4. Exterior Cladding</u>				
Glazing				
Safety film at existing glazing	4,000	SF	15.00	60,000
New secondary layer of storefront	4,000	SF	60.00	240,000
Strengthen steel columns at terra cotta screen	35	EA	7,500.00	262,500
Replace entry sliding doors	3	PR	15,000.00	45,000
Enclose area over new book drop	1	LS	20,000.00	20,000
				627,500

<i>Item Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Rate</i>	<i>Total</i>
<u>5. Roofing, Waterproofing & Skylights</u>				
Replace existing skylights	12	EA	4,000.00	48,000
Waterproof membrane at lower level walls	5,000	SF	8.00	40,000
New gutters and downspouts throughout	20,500	SF	3.00	61,500
				149,500
<u>6. Interior Partitions, Doors & Glazing</u>				
Interior partitions	200	LF	200.00	40,000
Interior doors	10	EA	2,000.00	20,000
Interior glazing	20	LF	500.00	10,000
				70,000
<u>7. Floor, Wall & Ceiling Finishes</u>				
Finishes				
Topping slab including carpet	13,500	SF	15.00	202,500
Patch carpet at staff area - allow	1	LS	10,000.00	10,000
Walls	20,500	SF	2.00	41,000
Ceilings				
New rulon ceiling	3,000	SF	40.00	120,000
Clean balance of ceilings	17,500	SF	3.00	52,500
				426,000

<i>Item Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Rate</i>	<i>Total</i>
<u>8. Function Equipment & Specialties</u>				
Specialties including window blinds, signage entrance mats, etc.	20,500	SF	5.00	102,500
Library shelving and endpanels				
Fixed stacks				FF & E
Compact stacks	60	LF	300.00	18,000
Casework	20,500	SF	5.00	102,500
Refurbish fireplace	1	LS	20,000.00	20,000
Theft detection devices	2	EA	15,000.00	30,000
				273,000

9. Stairs & Vertical Transportation

None anticipated

0

10. Plumbing Systems

None anticipated

0

<i>Item Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Rate</i>	<i>Total</i>
11. Heating, Ventilation & Air Conditioning				
Heating and Cooling Generation Equipment				
Geothermal Field				
Geothermal vertical wells, pipework, fittings, valves and specialties, 60 holes @ 250' deep	15,000	LF	16.50	247,500
Water to water source heat pumps, Water furnace model 360, 30 ton	4	EA	52,500.00	210,000
Thermal Expansion compensation and circulation				
Geothermal loop circulation pumps	2	EA	3,500.00	7,000
Chill water circulation pumps	2	EA	3,500.00	7,000
Heating water circulation pumps	2	EA	3,500.00	7,000
Inertia bases	6	EA	1,000.00	6,000
VFD	6	EA	4,000.00	24,000
Pipe, fittings, valves and insulation				
Heating hot water, chill water pipework, fittings, valves and specialties, and insulation	20,500	SF	8.50	174,250
Radiant heating and cooling systems				
Radiant floor tubing with 2" min topping slab (public spaces)	13,500	SF	15.00	202,500
Air Handling Equipment				
Outdoor fan coil units, preheating/cooling coil, filters (public spaces)	7,500	CFM	6.00	45,000
Attic mounted air handler, cooling coil, filters, economizer dampers, VAV type, (staff area, allow 1cfm/SF)	8,000	CFM	5.50	44,000
Heating/ventilating unit, single zone, VAV type, constant volume relief fan, (basement, 0.75cfm/sf)	5,000	CFM	5.50	27,500
Water cooled heat pump units, <= 1 ton, telecom and electrical rooms	2	EA	4,500.00	9,000
Terminal boxes, VAV type, reheat coils, Staff areas	11	EA	1,050.00	11,550

<i>Item Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Rate</i>	<i>Total</i>
Air Distribution and Return				
Galvanized sheet metal ductwork	20,000	LBS	10.00	200,000
Flexible ductwork	300	LF	15.00	4,500
Dampers				
Volume	60	EA	125.00	7,500
Fire/smoke	9	EA	850.00	7,650
Insulation	12,000	SF	4.50	54,000
Diffusers, registers and grilles	80	EA	200.00	16,000
Controls and instrumentation				
BMS, interface with existing tridium system	20,500	SF	6.00	123,000
Test and balance air/water systems	200	HRS	125.00	25,000
Commissioning	1	LS	40,000.00	40,000
Unit ventilation/exhaust fans				
General exhaust	7,500	CFM	1.00	7,500
Toilet and janitor closet exhaust	1,000	CFM	1.00	1,000
Trade demolition	1	LS	10,000.00	10,000
				1,518,450

12. Electrical Lighting, Power & Communication

Service and distribution				
Main switchboard, 480V/3, main breaker, meter, TVSS	800	AM	36.00	28,800
Transformer, 480-120/208V/3	225	KVA	100.00	22,500
Distribution panel board, 120/208V/3, TVSS	800	AM	32.00	25,600
Panel board breakers 277V/1 - mechanical	84	EA	100.00	8,400
Feeder conduit and cable	100	LF	150.00	15,000
Emergency power				
Emergency lighting battery inverter, including feeder conduit and cable	15	KVA	3,000.00	45,000

<i>Item Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Rate</i>	<i>Total</i>
Machine and equipment connection				
Including switch, conduit and cable				
Elevator connection, allow	1	LS	5,000.00	5,000
Equipment connections				
Geothermal loop circulation pumps < = 10 hp	2	EA	1,800.00	3,600
Chill water circulation pumps < = 10 hp	2	EA	1,800.00	3,600
Heating water circulation pumps < = 10 hp	2	EA	1,800.00	3,600
Water to water source heat pumps, 30 hp	4	EA	2,500.00	10,000
Outdoor fan coil units, < = 10hp	6	EA	1,800.00	10,800
Attic mounted air handler, < = 10 hp	1	EA	1,800.00	1,800
Heating/ventilating unit, VAV type, constant volume relief fan	1	EA	1,500.00	1,500
Water cooled heat pump units, <= 1 hp, telecom and electrical rooms	2	EA	700.00	1,400
Exhaust fan < 10 hp	1	EA	1,500.00	1,500
Exhaust fan < 1 hp	3	EA	750.00	2,250
Firesmoke damper connection	9	EA	550.00	4,950
Drinking fountain connection, 120V/1	1	EA	500.00	500
Plumbing fixture sensor connection	8	EA	350.00	2,800
Miscellaneous connections 120V/1	50	EA	550.00	27,500
User convenience power				
Panel board breakers 120V/1	210	EA	115.00	24,150
Feeder conduit and cable	250	LF	74.00	18,500
Receptacles including conduit and cables	20,476	SF	5.00	102,380
Lighting				
Panel board breakers 120V/1	42	EA	115.00	4,830
Feeder conduit and cable	40	LF	74.00	2,960
Lighting fixtures including conduit and cables	20,476	SF	16.00	327,616
Switches, occupancy sensors, including conduit and cables	20,476	SF	2.00	40,952

<i>Item Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Rate</i>	<i>Total</i>
Light and power specialties				
Grounding	1	LS	10,000.00	10,000
Lighting control relay panel, programmable and 4 scene -presets	1	EA	15,000.00	15,000
Day light harvesting control/dimming panel	1	EA	12,000.00	12,000
Miscellaneous 120V/1 connections	75	EA	550.00	41,250
Telephone data and communication system				
Telecom room MDF - rough-ins including racks, vertical wire way, cable runway, plywood backboard, patch panels, terminal blocks	1	LS	10,000.00	10,000
Telephone data outlets including conduit and cable				
Telephone data outlets, 2 port	22	EA	650.00	14,560
Telephone data outlets, 4 port	6	EA	850.00	5,100
Telephone or data outlets, 1 port	2	EA	500.00	1,000
Telephone data outlets, 2 port, floor box	8	EA	850.00	6,800
Telephone data outlets, 4 port, floor box	7	EA	1,200.00	8,400
Elevator emergency phone	1	EA	800.00	800
Lighting control, firealarm control panel data connections (etc)	4	EA	550.00	2,200
Wireless access point allow	6	EA	650.00	3,900
Infrastructure conduit and cable	20,476	SF	0.75	15,357
Paging system including speaker, conduit and cable	20,476	SF	2.00	40,952
AV system				Not required
Fire alarm system				
Including fire alarm control, annunciator panels, fire alarm initiating devices, flow, tamper switch and PIV connections, fire alarm fire smoke damper connections and battery back-up power	24,112	SF	3.50	84,392

<i>Item Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Rate</i>	<i>Total</i>
Security system				
Security control panel, card access system including alarm initiating devices, connections, card reader, book theft gate connections and conduit and cable	24,112	SF	1.50	36,168
Security alarm/access control system, including conduit and cable				
Motion detectors	15	EA	450.00	6,750
Door switch	19	EA	225.00	4,275
Request to exit	7	EA	225.00	1,575
Duress alarm button	2	EA	500.00	1,000
Commissioning	160	HRS	125.00	20,000
Trade demolition	20,896	SF	3.00	62,688
				1,151,655

13. Fire Protection Systems

Modify existing automatic wet sprinklers	20,476	SF	2.50	51,190
				51,190

14. Site Preparation & Building Demolition

Selective demo (limited demo in staff area)	20,476	SF	5.00	102,380
Remove existing knee-braces	20	EA	750.00	15,000
Remove cross bracing	8	EA	5,000.00	40,000
				157,380

PROGRAM ROOM AND GROUP STUDY COMPONENT SUMMARY

	Gross Area:	4,100 SF	
		\$/SF	\$x1,000
1. Foundations		20.00	82
2. Vertical Structure		44.98	184
3. Floor & Roof Structures		47.93	197
4. Exterior Cladding		165.16	677
5. Roofing, Waterproofing & Skylights		24.39	100
<i>Shell (1-5)</i>		302.45	1,240
6. Interior Partitions, Doors & Glazing		25.37	104
7. Floor, Wall & Ceiling Finishes		46.34	190
<i>Interiors (6-7)</i>		71.71	294
8. Function Equipment & Specialties		17.80	73
9. Stairs & Vertical Transportation		0.00	0
<i>Equipment & Vertical Transportation (8-9)</i>		17.80	73
10. Plumbing Systems		25.49	105
11. Heating, Ventilating & Air Conditioning		47.76	196
12. Electric Lighting, Power & Communications		45.07	185
13. Fire Protection Systems		4.00	16
<i>Mechanical & Electrical (10-13)</i>		122.32	501
Total Building Construction (1-13)		514.28	2,109
14. Site Preparation & Demolition		0.00	0
15. Site Paving, Structures & Landscaping		0.00	0
16. Utilities on Site		0.00	0
Total Site Construction (14-16)		0.00	0
TOTAL BUILDING & SITE (1-16)		514.28	2,109
General Conditions	12.00%	61.71	253
Contractor's Overhead & Profit or Fee	5.00%	28.78	118
RECOMMENDED BUDGET		January 2008	604.77
			2,480

<i>Item Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Rate</i>	<i>Total</i>
<u>1. Foundations</u>				
Foundations for new addition	4,100	SF	20.00	82,000
				82,000
<u>2. Vertical Structure</u>				
Light steel framing - 3#/SF	6	TN	5,000.00	30,000
Braced frames	5	EA	10,000.00	50,000
Concrete				
Column/piers	5	EA	6,000.00	30,000
Walls 12"	1,240	SF	60.00	74,400
				184,400
<u>3. Floor and Roof Structure</u>				
Slab on grade	4,100	SF	15.00	61,500
Roof framing (exclude at Group Study)	4,500	SF	30.00	135,000
				196,500
<u>4. Exterior Cladding</u>				
Group study - storefront and sunscreens	1,500	SF	250.00	375,000
Entry	600	SF	150.00	90,000
Program room				
Glass storefront	600	SF	100.00	60,000
Brick	420	SF	80.00	33,600
Metal sunscreen	500	SF	100.00	50,000

<i>Item Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Rate</i>	<i>Total</i>
Entrance doors	3	PR	6,000.00	18,000
Metal gate	1	EA	5,000.00	5,000
Service door	1	EA	3,000.00	3,000
Wood soffit	1,064	SF	40.00	42,560
				677,160

5. Roofing, Waterproofing & Skylights

Built up roof including insulation, flashing	4,000	SF	25.00	100,000
				100,000

6. Interior Partitions, Doors & Glazing

Interior partitions	200	LF	200.00	40,000
Interior doors	12	EA	2,000.00	24,000
Interior glazing (group study)	80	LF	500.00	40,000
				104,000

7. Floor, Wall & Ceiling Finishes

Finishes				
Floors	3,300	SF	15.00	49,500
Entry	800	SF	30.00	24,000
Walls	4,100	SF	5.00	20,500

<i>Item Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Rate</i>	<i>Total</i>
Ceilings				
Rulon	800	SF	40.00	32,000
Wood	1,600	SF	25.00	40,000
Gypsum board	1,600	SF	15.00	24,000
				190,000

8. Function Equipment & Specialties

Specialties including window blinds, signage	4,100	SF	5.00	20,500
Program room	1	LS	20,000.00	20,000
Kitchenette	1	LS	10,000.00	10,000
Toilets	5	ST	2,500.00	12,500
Group study credenza	20	LF	500.00	10,000
				73,000

9. Stairs & Vertical Transportation

0

10. Plumbing Systems

Sanitary fixtures	10	FX		
Water closets, dual flush type	4	EA	1,525.00	6,100
Urinal	1	EA	1,450.00	1,450
Lavatories	2	EA	1,350.00	2,700
Mop sink	1	EA	2,250.00	2,250
Drinking fountain	1	EA	3,350.00	3,350
Kitchenette sink, double bowl	1	EA	3,150.00	3,150

Sanitary waste, vent and service pipework

<i>Item Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Rate</i>	<i>Total</i>
Floor drains, connection pipework	3	EA	3,500.00	10,500
Rough-in waste, vent and service pipework, fittings, valves, specialties and insulation	10	EA	4,500.00	45,000
Water treatment, storage and circulation				
Gas fired water heater	1	EA	4,500.00	4,500
Circ. Pump and expansion tank	1	LS	2,500.00	2,500
Natural gas distribution				
Natural gas pipework	1	LS	1,500.00	1,500
Surface water drainage				
Roof and overflow drains (allow)	4	EA	2,250.00	9,000
Connect to existing waste, and service piping systems	1	LS	12,500.00	12,500
				104,500

11. Heating, Ventilation & Air Conditioning

Pipe, fittings, valves and insulation				
Condenser water pipework, fittings, valves and specialties	4,100	SF	5.00	20,500
Air Handling Equipment				
Indoor water source heat pump unit (new addition, allow 1.5 cfm/sf)	6,150	CFM	10.00	61,500
Air Distribution and Return				
Galvanized sheet metal ductwork	5,459	LBS	10.00	54,590
Flexible ductwork	90	LF	15.00	1,350
Dampers				
Volume	18	EA	125.00	2,250
Fire/smoke	3	EA	850.00	2,550
Insulation	3,275	SF	4.50	14,738
Diffusers, registers and grilles	18	EA	200.00	3,600

<i>Item Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Rate</i>	<i>Total</i>
Controls and instrumentation				
BMS, interface with existing tridium system, include CO2 monitoring of program room	4,100	SF	6.00	24,600
Test and balance air/water systems	32	HRS	125.00	4,000
HVAC commissioning	1	LS	5,000.00	5,000
Unit ventilation/exhaust fans				
General exhaust	546	CFM	1.00	546
Restroom exhaust	600	CFM	1.00	600
				195,824

12. Electrical Lighting, Power & Communication

Service and distribution				
Emergency power				
Machine and equipment connection				
Circ. Pump < 5hp	1	EA	1,500.00	1,500
Indoor water source heat pump unit < = 10hp	1	EA	1,800.00	1,800
Exhaust fan connections < 1/2 hp	2	EA	600.00	1,200
Fire/smoke damper connection	3	EA	550.00	1,650
Projection screen and control connection	1	EA	750.00	750
Gas fired water heater connection, 120/1	1	EA	550.00	550
Miscellaneous connections, including motorized shades, hand dryers, plumbing fixture sensor connection	25	EA	550.00	13,750
User convenience power				
Panelboard and feeder				
Receptacles including conduit and cables	4,100	SF	5.00	20,500
Lighting				
Panelboard and feeder				
Lighting fixtures including conduit and cables	4,100	SF	12.00	49,200
Switches, occupancy sensors, including conduit and cables	4,100	SF	2.00	8,200

<i>Item Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Rate</i>	<i>Total</i>
Light and power specialties				
Grounding				
Day light harvesting control/dimming panel	1	EA	10,000.00	10,000
Miscellaneous 120V/1 connections	10	EA	550.00	5,500
Telephone data outlets including conduit and cable				
Telephone data outlets, 2 port	10	EA	650.00	6,500
Telephone data outlets, ceiling mounted	1	EA	550.00	550
Telephone or data outlets, 1 port	2	EA	500.00	1,000
Wireless access point allow	2	EA	650.00	1,300
Infrastructure conduit and cable	4,100	SF	0.75	3,075
AV system				
A/V conduit, and floor/wall boxes, racks	1	LS	20,000.00	20,000
AV equipment				Sep Budget
Assistive listening	1	LS	5,000.00	5,000
TV outlet including conduit and cable	5	EA	800.00	4,000
Fire alarm system				
Fire alarm devices including conduit and cable	12	EA	800.00	9,600
Firealarm smoke damper connection	3	EA	550.00	1,650
Security system				
Security card access system including card reader, conduit and cable	4,100	SF	2.50	10,250
Security alarm/access control system, including conduit and cable				
Motion detectors	3	EA	450.00	1,350
Door switch	3	EA	225.00	675
Request to exit	1	EA	225.00	225
Commissioning	40	HRS	125.00	5,000
				184,775

13. Fire Protection Systems

Extend existing automatic wet sprinkler system	4,100	SF	4.00	16,400
				16,400

SITWORK COMPONENT SUMMARY

		Gross Area: 20,000 SF	
		\$/SF	\$x1,000
14. Site Preparation & Demolition		3.00	60
15. Site Paving, Structures & Landscaping		23.45	469
16. Utilities on Site		8.18	164
TOTAL BUILDING & SITE (1-16)		34.63	693
General Conditions	12.00%	4.15	83
Contractor's Overhead & Profit or Fee	5.00%	1.95	39
RECOMMENDED BUDGET		40.73	815
		<i>January 2008</i>	

<i>Item Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Rate</i>	<i>Total</i>
<u>14. Site Preparation & Building Demolition</u>				
Clear and grade site	20,000	SF	3.00	60,000
				60,000
<u>15. Site Paving, Structures & Landscaping</u>				
Parking including curbs and striping				
Extend parking to accommodate additional parking (asphalt concrete)	6,000	SF	10.00	60,000
Repave parking lot	20,000	SF	5.00	100,000
Slurry seal and restripe existing parking lot	10,000	SF	3.00	30,000
Paving				
Toned concrete paving (medium sandblast)	1,100	SF	15.00	16,500
Concrete paving (medium broom)	1,300	SF	10.00	13,000
Concrete steppers (30" sq)	31	EA	100.00	3,100
Mexican pebbles	500	SF	8.00	4,000
Landscaping including shrubs, sod, soile amendment mulch and irrigation	17,100	SF	6.50	111,150
Site drainage and site lighting	20,000	SF	3.00	60,000
Storm water treatment of affected areas of site				Alternate
Miscellaneous site appurtenances inc. seats				
Metal screen 5'	50	LF	250.00	12,500
Concrete seatwall inc. concrete base at metal screen	125	LF	150.00	18,750
Other	20,000	SF	2.00	40,000
				469,000

<i>Item Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Rate</i>	<i>Total</i>
<u>16. Utilities on Site</u>				
Connect to (E) FW and Domestic water & reconfigure	1	LS	10,000.00	10,000
Connect to (E) Storm and sewer system & reconfigure	1	LS	15,000.00	15,000
New connection to natural gas New underground pipework, fittings, meter, regulator, earthquake valve	1	LS	20,000.00	20,000
New electrical service				
Primary service conduit concrete encase	400	LF	45.00	18,000
Pulbox	1	EA	4,000.00	4,000
Utility transformer pad	1	EA	3,000.00	3,000
Secondary service feeder conduit and cable, concrete encased, 800A/3	100	LF	250.00	25,000
City main connection (1) 2" conduit	230	LF	25.00	5,750
CATV conduit (1) 2"	230	LF	25.00	5,750
Pullboxes, traffic rated lid	2	EA	3,500.00	7,000
Miscellaneous site utilities	1	LS	50,000.00	50,000
				163,500

	<i>Quantity</i>	<i>Unit</i>	<i>Rate</i>	<i>Total</i>
<u>Site</u>				
Pervious pavement at parking	26,000	SF	4.00	104,000
Stormwater treatment of affected areas of site	1	LS	50,000.00	50,000
Markups	17.60	%	154,000.00	27,104
				<hr/> 181,000