

Design & Sustainability

LEED Scoring by category and location							
Category	Chicago	Los Angeles	Wash DC	Dallas	Holland HQ <small>(39 Gold)</small>	New York	Pune <small>Bombay India</small>
Sustainable Sites	3	5	5	3	9	2	8.5
Water Efficiency	0	2	2	2	4	2	2
Energy & Atmosphere	10	11	8	10	7	8	9
Materials & Resources	8	5	4	3	7	5	7
Indoor Environment Quality	10	12	14	11	13	12	4
Innovation Design Process	5	5	5	5	5	5	5
Project Totals (32 Gold)	36	40	38	34	45	34	35.5

Chicago	Los Angeles	Wash DC	Dallas	Holland NC	New York	Pune, India	Toronto	LEED CI point	
3	7	5	3	11	2	9	3	Site Selection	
								Site Selection	
	2			1				Site Selection	
								LEED Certified Building (3 points) [1]	
								or	
								Brownfield Redevelopment (1/2 point) [1A]	
								Stormwater Management: Rate and Quantity (1/2 point) [1B]	
								Stormwater Management: Treatment (1/2 point) [1C]	
	1	1		1		1		Heat Island Reduction, Non-Roof (1/2 point) [1D]	
				1				Heat Island Reduction, Roof (1/2 point) [1E]	
				1		1		Light Pollution Reduction (1/2 point) [1F]	
	1			1		1		Water Efficient Irrigation, Reduce by 50% (1/2 point) [1G]	
	1			1				Water Efficient Irrigation, No Potable use or No Irrigation (1/2 point)	
						1		Innovative Wastewater Technologies (1/2 point) [1I]	
						1		Water Use Reduction, 20% Reduction (1/2 point) [1J]	
								Onsite Renewable Energy (1/2 point) [1K]	
				3		3		Other Quantifiable Environmental Performance (1/2 point) [1L]	
1		1	1		1		1	Development Density and Community Connectivity	
1	1	1	1	1	1	1	1	Alternative Transportation, Public Transportation Access	
	1	1	1	1		1	1	Alternative Transportation, Bicycle Storage & Changing Rooms	
1	1	1				1		Alternative Transportation, Parking Availability	

Sustainable Sites

The vegetated roof cost

\$11 /SF

Water Efficiency

The average cost to gain both points was \$5,337

Chicago	Los Angeles	Wash DC	Dallas	Holland NC	New York	Pune, India	Toronto	LEED CI point
	2	2	2	2	2	2		Water Use Reduction
	1	1	1	1	1	1		Water Use Reduction, 20% Reduction
	1	1	1	1	1	1		Water Use Reduction, 30% Reduction

Energy & Atmosphere

Lighting Controls
\$3/SF or \$28,419/pt

Measurement &
Verification
\$6,495/pt or
\$.33/SF

Chicago	Los Angeles	Wash DC	Dallas	Holland NC	New York	Pune, India	Toronto	LEED CI point
10	11	8	10	7	8	9	9	Energy and Atmosphere
3	2	1	3	1	2	2	2	Optimize Energy Performance- Lighting power
2	2	1	1	1	1	2	2	Optimize Energy Performance- Lighting controls
		1	1	2	1			Optimize Energy Performance- HVAC
2	3	2	2		2	2	2	Optimize Energy Performance- Appliances and Equipment
1	1	1	1	1	1		1	Enhanced Commissioning
1	1	1	1	1		1	1	Measurement & Verification
	1					1		Energy Costs Paid By Tenant
1	1	1	1	1	1	1	1	Green Power

Enhanced
Commissioning
\$34,828/pt or \$.45/SF

Green Power
\$4,017/pt or \$.10/SF

Materials & Resources

Chicago	Los Angeles	Wash DC	Dallas	Holland NC	New York	Pune, India	Toronto	LEED CI point
8	5	4	3	7	5	7	5	Materials and Resources
1		1	1		1	1	1	Tenant Space , Long Term Commitment
				1				Building Reuse , Maintain 40% of Interior Non-Structural Components Non-Shell
								Building Reuse , Maintain 60% of Interior Non-Structural Components Non-Shell
1	1	1	1	1	1	1	1	Construction Waste Management , Divert 50% from Landfill
	1	1		1		1	1	Construction Waste Management , Divert 75% from Landfill
								Resource Reuse , Specify 5%
								Resource Reuse , Specify 10%
								Resource Reuse , Specify 30% Furniture and Furnishings

Materials & Resources

Chicago	Los Angeles	Wash DC	Dallas	Holland NC	New York	Pune, India	Toronto	LEED CI point
8	5	4	3	7	5	7	5	Materials and Resources
1	1	1	1	1	1	1	1	Recycled Content, Specify 10% (post-consumer + ½ post-industrial)
1	1			1	1	1		Recycled Content, Specify 20% (post-consumer + ½ post-industrial)
1				1		1	1	Regional Materials, 20% Manufactured Regionally
1				1		1		Regional Materials, 10% Extracted and Manufactured Regionally
1	1							Rapidly Renewable Materials, 5%
1					1			Certified Wood

Certified Wood
 \$109,163/pt or \$5.26/SF

Indoor Environmental Quality

Chicago	Los Angeles	Wash DC	Dallas	Holland NC	New York	Pune, India	Toronto	LEED CI point
10	12	14	11	14	12	4	13	Indoor Environmental Quality
1		1	1	1	1		1	Outside Air Delivery Monitoring
1	1	1	1	1	1			Increased Ventilation
1	1	1	1	1	1		1	Construction IAQ Management Plan, During Construction
	1	1	1	1	1			Construction IAQ Management Plan, Before Occupancy
	1	1	1	1	1		1	Low-Emitting Materials, Adhesives & Sealants
1	1	1	1	1	1		1	Low-Emitting Materials, Paints & Coatings
1	1	1	1	1	1		1	Low-Emitting Materials, Carpet
	1			1				Low-Emitting Materials, Composite Wood & Laminate Adhesives
							1	Low-Emitting Materials, Systems Furniture and Seating
1		1		1	1	1	1	Indoor Chemical & Pollutant Source Control
		1	1	1	1		1	Controllability of Systems, Lighting
1	1	1	1	1	1			Controllability of Systems, Temperature and Ventilation
1	1	1	1	1	1		1	Thermal Comfort, Comply with ASHRAE 55-1992
1	1	1	1	1	1		1	Thermal Comfort, Monitoring
	1	1				1	1	Daylight & Views, Daylight 75% of Spaces
						1	1	Daylight & Views, Daylight 90% of Spaces
1	1	1		1		1	1	Daylight & Views, Views for 90% of Seated Spaces

Indoor Environmental Quality

Pre-occupancy flush out
\$2,898/pt or \$.15/SF

Low emitting
materials \$3,019/pt or
\$.17/SF

Indoor chemical,
pollutant source control
\$400/pt or \$.02/SF

Green Cleaning

Green Education

CEU's, Lunch n Learns

Green Power = 100%

LEED Accredited Professionals

Cost of Green Interiors

Cost of building green		Chicago 2004	Washington DC	Dallas, Tx	Los Angeles, CA	Pune, India	Holland, Mi	Average cost	Average SF	Average /sf	Average /pt
Square feet	Pts	23500	16461	17729	18000	12000	308000			65,948	65,948
Lighting Controls	2	\$ 80,000	\$ 42,353	\$ 40,000	\$ 65,000			\$ 56,838	18,923	\$ 3.00	\$ 28,419
Measurement & Verification	1	\$ 7,990	\$ 5,000					\$ 6,495	19,981	\$ 0.33	\$ 6,495
Construction waste management: recycling	1	\$ 18,095	\$ 13,982		\$ 16,000			\$ 16,026	19,320	\$ 0.83	\$ 16,026
Construction waste management:Divert from landfill	2		\$ 1,453		\$ 2,000		\$ 12,730	\$ 5,394	114,154	\$ 0.05	\$ 2,697
indoor air quality: pre-occupancy	1	\$ 3,760	\$ 2,330	\$ 3,500	\$ 2,000			\$ 2,898	18,923	\$ 0.15	\$ 2,898
raised floor	8	\$ 150,400	\$ 113,048	\$ 103,898	\$ 162,632			\$ 132,495	18,923	\$ 7.00	\$ 16,562
Cost of registration	1	\$ 6,110	\$ 1,750	\$ 1,750	\$ 1,750	\$ 1,750	\$ 10,780	\$ 3,982	65,948	\$ 0.06	\$ 3,982
CO2 measurement	1	\$ 2,820		\$ -	\$ -			\$ 705	\$ 18,923	\$ 0.04	\$ 705
Permanent monitoring	6						\$ 466,711	\$ 466,711	308,000	\$ 1.52	\$ 77,785
Green power	2	\$ 4,935	\$ 1,462	\$ 762	\$ 2,207		\$ 30,800	\$ 8,033	\$ 76,738	\$ 0.10	\$ 4,017
LEED documentation, Architect	1	\$ 12,220	\$ 15,000	\$ 15,000	\$ 15,000		\$ 65,000	\$ 24,444	\$ 76,738	\$ 0.32	\$ 24,444
LEED documentation GC	1		\$ 29,169	\$ 16,000	\$ 16,000			\$ 15,292	\$ 18,923	\$ 0.81	\$ 15,292
Advanced commissioning	1	\$ 10,340	\$ 18,800	\$ 18,500	\$ 18,500		\$ 108,000	\$ 34,828	\$ 76,738	\$ 0.45	\$ 34,828
Bicycle storage, changing rooms, lockers	1				\$ 1,500			\$ 1,500	18,000	\$ 0.08	\$ 1,500
Reduced Water use 1 point	1							\$ -			\$ -
Reduced Water use 2 points	1		\$ 2,750	\$ 3,000			\$ 10,260	\$ 5,337	\$ 114,063	\$ 0.05	\$ 5,337
Rapidly renewable material	1				\$ 36,494			\$ 36,494	18,000	\$ 2.03	\$ 36,494
Certified wood	1				\$ 6,325			\$ 6,325	18,000	\$ 0.35	\$ 6,325
Regional materials	1							\$ -			\$ -
Low emitting materials: paints	1			\$ 20,000	\$ 40,386			\$ 30,193	17,865	\$ 1.69	\$ 30,193
Low emitting materials: adhesives	1							\$ -			\$ -
Indoor pollutant controls (copy center. walls, walk off mats)	1		\$ 400					\$ 400	16,461	\$ 0.02	\$ 400
Total		\$ 296,670	\$ 247,497	\$ 222,410	\$ 385,794	\$ 1,750	\$ 704,281				
Total / SF		\$ 12.62	\$ 15.04	\$ 12.54	\$ 21.43	\$ 0.15	\$ 2.29			\$ 18.88	