

Tenants and landlords are struggling with an environment where construction is much more complicated than it was previously. Both pricing and timing are harder to forecast. **Tenants looking for highly customized space need to start the process at least four to six months earlier than normal** and landlords are leaning into pre-built "spec" suites as a solution for smaller tenants.

Patrick Duffy | President



Key Takeaways

- Houston office market records positive net absorption
- Vacancy rates down slightly
- Annual leasing activity down 5%
- Tenants and landlords continue to see longer construction

















Houston Highlights

Houston's office market posted positive net absorption in Q1 2022, recording 899,763 square feet. About half of the absorption was Hewlett Packard Enterprise's move into two new buildings in The Woodlands submarket. The buildings HPE left unoccupied were sold and are expected to be placed on the rental market later in the year, which will result in about 689,000 square feet of negative absorption. Houston's overall average vacancy rate fell 20 basis points between quarters from 23.3% to at 23.1%. Houston's office inventory increased with 529,900 square feet of new inventory added in Q1. There is still 1.3 million SF of office space under construction.

Market Indicators





6.5% Houston annual % change in employment



\$103 WTI Spot Price, U.S. benchmark for light sweet crude

Historic Comparison

	21Q1	21Q4	22Q1
Total Inventory (in Thousands of SF)	236,498.0	239,013.4	239,543.3
New Supply (in Thousands of SF)	148.0	1,734.3	529.9
Net Absorption (in Thousands of SF)	(639.6)	(494.6)	899.8
Overall Vacancy	22.0%	23.3%	23.1%
Under Construction (in Thousands of SF)	3,381.0	1,848.8	1,319.0
Overall Asking Lease Rates (NNN)	\$20.71	\$20.64	\$20.59

Market Fundamentals



The forecast in the graph above is based on a trailing four quarter average.

Recent Transactions



Lease 460 Wildwood Forest Dr The Woodlands | 42.8k SF



Lease 1585 Sawdust The Woodlands | 40.8k SF



Lease* 16945 Northchase Dr North Belt | 10.2k SF



21700 Merchants Way Katy Grand Parkway West Undisclosed

*Colliers Transaction



Executive Summary

Commentary by Neil Potter, Senior Project Manager

The construction industry has faced the impact in several areas due to the pandemic-induced supply chain disruptions of 2021. Material procurement has become challenging with the associated cost escalations and availability. Other specialized components are continuing to be sparse with limited options to expedite and impact schedules and material selections. Longer delivery times for materials also indicate that ordering products early in the process will be critical in mitigating scheduling issues.

Market trends in the interior construction division are pointing towards higher subcontractor demand due to latent projects breaking free. We are seeing a slight rise in overall subcontractor costs, but mainly in the drywall, acoustical ceiling and metals divisions. The market is not fully saturated with work and as more projects come online, we would expect costs to rise accordingly.

Supply chain issues including metals and carpet remain a challenge. Lighting, switch gear, doors and appliances also have long lead times. These issues are continuing to delay substantial completion of projects beyond their intended dates and should be planned for accordingly.

Material and labor quotes are only being held for less than a week in some cases versus the sixty to ninety days we have been accustomed to because of the rapidly changing price and delivery issues. Large players (for example Industrial Real Estate Investment Trusts that are active developers) are stockpiling materials (like loading dock levelers) making the issues even worse.

In conclusion, construction is much more complicated than it was previously. Both pricing and timing are harder to forecast.

Recent Lead Times

- Switch Gear 52 Weeks from Approved Submittals
- Fixtures 12-24 Weeks
- Generators 48 Weeks
- Doors 16 weeks
- Ice maker 32 Weeks
- Frames 3-6 Weeks
- Appliances 16 Weeks
- Carpet 8-10 Weeks

Cost Increases since August 2021

- Mechanical, Electrical & Plumbing Increase by roughly 35%
- Finishes Increase by roughly 15-20%
- Doors, Frames, Hardware Increase by 28%
- Insulation/Fireproofing Increase by 15%
- Millwork Increase by 22%
- Metals Increase by 35%
- Concrete Increase by 16%
- General Conditions Increase by 23%
- Site Work Increase by 22%
- Earthwork Increase by 22%

Top Performing Office Buildings Quoted Gross Rental Rates

Building	Submarket	RBA	Year Built	% Leased	Avail SF	Rent (\$/SF)
811 Main	CBD	972,474	2011	97.6%	164,494	\$51.68
Offices at Kensington 1	E. Fort Bend/Sugar Land	85,556	1998	90.5%	19,847	\$31.50
Regions Financial Center	Greenway Plaza	183,129	2016	92.6%	21,761	\$47.88
CityCentre Five	Katy Freeway	227,063	2015	98.2%	15,922	\$48.83
One Hughes Landing	The Woodlands	197,719	2013	97.0%	5,959	\$45.25
Williams Tower	West Loop/Galleria	1,482,384	1983/2020	73.6%	572,671	\$44.49
CityWestPlace Bldg 1	Westchase	305.828	2000	73.8%	99.447	\$42.35

Large Sublease Availabilities 150,000 SF or Greater

Building	Tenant	Submarket	SF
Lake Pointe Plaza	Fluor Corp	E. Fort Bend/ Sugar Land	658,400
Energy Tower III	TechnipFMC	Katy Freeway	324,807
1735 Hughes Landing	ExxonMobil	The Woodlands	273,560
1500 Post Oak Blvd	BHP Petroleum	West Loop/ Galleria	204,885
CityWestPlace Bldg 3	ION Geophysical	Westchase	200,782
Twelve Greenway Plaza	Direct Energy	Greenway Plaza	173,760
1325 S Dairy Ashford	Schlumberger	Katy Freeway	155,320
919 Milam	SNC-Lavalin	CBD	154,863

Houston Office Historical Available Sublease Space



Construction Activity Delivery Timeline

75,000 SF or Greater 24200 Via Mazzin Way 1550 on the Green Southwest Outlier CBD September 2022 March 2024 80,000 SF 386.000 SF Realty 1 Partners Skanska USA O-2022 2023 2024 9753 Katy Fwy 4411 San Felipe Katy Fwy Post Oak Park May 2023 May 2022 186,000 SF 77,189 SF MetroNational DC Partners Corporation Source: CoStar

Market Statistics

Submarket/ Class	Total Inventory SF	Direct Availability Rate	Sublease Availability Rate	Availability Rate	Total Vacancy Rate	Previous Vacancy Rate	Net Absorption Current	Net Absorption YTD	Under Construction	Deliveries YTD	Avg Direct Asking Rate (FSG)
CBD											
A	36,962,400	28.6%	2.9%	31.5%	28.2%	27.9%	-128,351	-128,351	386,323	0	\$41.85
В	7,489,618	33.6%	4.8%	38.5%	30.5%	30.5%	-1,253	-1,253	0	0	\$28.59
С	593,330	5.4%	0.0%	5.4%	13.1%	14.0%	5,500	5,500	0	0	\$24.00
TOTAL	45,045,348	29.1%	3.2%	32.3%	28.4%	28.1%	-124,104	-124,104	386,323	0	\$39.41
Suburban											
A	103,530,272	25.8%	4.9%	30.7%	24.6%	25.4%	1,097,423	1,097,423	511,789	440,000	\$31.47
В	79,306,711	21.0%	1.0%	22.1%	20.2%	20.0%	-21,249	-21,249	420,853	89,877	\$20.97
С	11,660,973	10.0%	0.1%	10.1%	9.1%	8.6%	-52,307	-52,307	0	0	\$17.10
TOTAL	194,497,956	22.9%	3.0%	25.9%	21.9%	22.2%	1,023,867	1,023,867	932,642	529,877	\$27.04
Houston Total											
A	140,492,672	26.5%	4.4%	30.9%	25.6%	26.0%	969,072	969,072	898,112	440,000	\$35.40
В	86,796,329	22.1%	1.4%	23.5%	21.1%	20.9%	-22,502	-22,502	420,853	89,877	\$23.30
С	12,254,303	9.8%	0.1%	9.9%	9.3%	8.8%	-46,807	-46,807	0	0	\$17.49
TOTAL	239,543,304	24.1%	3.1%	27.1%	23.1%	23.3%	899,763	899,763	1,318,965	529,877	\$29.42

Submarkets by Class

Submarket/ Class	Total Inventory SF	Direct Availability Rate	Sublease Availability Rate	Availability Rate	Total Vacancy Rate	Previous Vacancy Rate	Net Absorption Current	Net Absorption YTD	Under Construction	Deliveries YTD	Avg Direct Asking Rate (FSG)
Allen Parkway	(Midtown)										
A	2,437,262	15.1%	0.3%	15.4%	14.4%	14.4%	-679	-679	0	0	\$39.55
В	2,686,071	16.1%	0.4%	16.5%	12.5%	11.5%	-25,400	-25,400	40,000	0	\$32.39
С	497,369	19.6%	0.0%	19.6%	19.4%	18.9%	-2,581	-2,581	0	0	\$27.79
TOTAL	5,620,702	16.0%	0.3%	16.3%	13.9%	13.4%	-28,660	-28,660	40,000	0	\$35.09
Baytown											
В	122,525	15.9%	0.0%	15.9%	15.9%	15.2%	-821	-821	0	0	\$26.29
С	41,208	25.5%	0.0%	25.5%	25.5%	25.5%	0	0	0	0	\$0.00
TOTAL	163,733	18.3%	0.0%	18.3%	18.3%	17.8%	-821	-821	0	0	\$26.29
Bellaire											
A	1,003,401	14.0%	2.0%	16.0%	15.7%	17.1%	14,658	14,658	0	0	\$25.29
В	1,818,332	15.4%	0.1%	15.5%	21.1%	21.3%	2,594	2,594	0	0	\$24.99
С	278,379	24.7%	0.0%	24.7%	25.5%	26.0%	1,287	1,287	0	0	\$18.33
TOTAL	3,100,112	15.8%	0.7%	16.5%	19.7%	20.4%	18,539	18,539	0	0	\$24.49
Conroe and Ou	tlying Montgo	mery County									
A	84,913	0.0%	0.0%	0.0%	0.0%	0.0%	0	0	0	0	\$0.00
В	405,825	20.1%	0.0%	20.1%	20.1%	14.8%	6,650	6,650	0	32,800	\$37.16
С	266,936	0.4%	0.0%	0.4%	0.4%	0.4%	0	0	0	0	\$18.00
TOTAL	757,674	10.9%	0.0%	10.9%	10.9%	8.1%	6,650	6,650	0	32,800	\$29.56
E. Fort Bend Co.	/Sugar Land										
A	3,641,050	24.6%	21.2%	45.8%	22.8%	22.0%	-26,458	-26,458	0	0	\$32.89
В	2,367,758	21.7%	2.8%	24.5%	20.1%	19.6%	-11,886	-11,886	0	0	\$25.44
С	46,239	0.0%	0.0%	0.0%	0.0%	0.0%	0	0	0	0	\$0.00
TOTAL	6,055,047	23.3%	13.8%	37.1%	21.6%	20.9%	-38,344	-38,344	0	0	\$29.95

Submarkets by Class (continued)

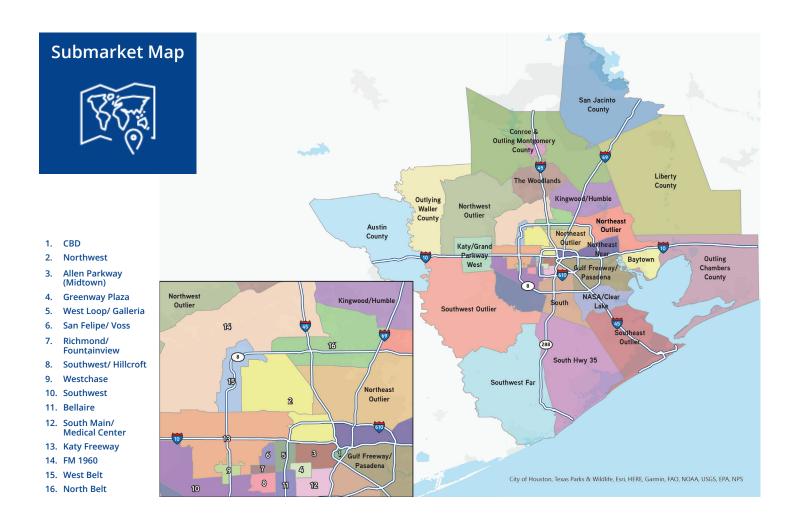
Submarket/ Class	Total Inventory SF	Direct Availability Rate	Sublease Availability Rate	Availability Rate	Total Vacancy Rate	Previous Vacancy Rate	Net Absorption Current	Net Absorption YTD	Under Construction	Deliveries YTD	Avg Direct Asking Rate (FSG)
FM 1960											
A	3,310,014	16.6%	0.4%	17.0%	16.1%	16.4%	12,091	12,091	0	0	\$28.38
В	5,924,908	21.3%	0.5%	21.8%	19.9%	19.9%	1,615	1,615	0	0	\$17.18
С	1,706,101	2.9%	0.0%	2.9%	3.2%	4.3%	19,768	19,768	0	0	\$14.70
TOTAL	10,941,023	17.0%	0.4%	17.4%	16.1%	16.4%	33,474	33,474	0	0	\$20.18
Greenway Plaz	a										
A	6,738,048	24.3%	3.8%	28.2%	27.8%	28.5%	48,133	48,133	0	0	\$36.27
В	3,344,470	20.5%	1.4%	21.9%	19.0%	16.8%	-72,991	-72,991	0	0	\$29.71
С	418,144	16.5%	0.0%	16.5%	9.3%	9.2%	-306	-306	0	0	\$23.05
TOTAL	10,500,662	22.8%	2.9%	25.7%	24.3%	24.0%	-25,164	-25,164	0	0	\$33.65
Gulf Freeway/F	asadena										
A	188,582	31.0%	3.4%	34.4%	1.1%	1.1%	0	0	168,600	0	\$32.03
В	2,951,055	16.5%	0.5%	17.1%	15.8%	16.6%	69,897	69,897	60,000	57,077	\$20.75
С	819,877	5.1%	0.0%	5.1%	5.4%	2.5%	-24,270	-24,270	0	0	\$16.34
TOTAL	3,959,514	14.8%	0.5%	15.4%	12.9%	12.9%	45,627	45,627	228,600	57,077	\$20.37
l-10 East											
В	456,396	20.9%	0.0%	20.9%	18.5%	14.8%	-16,729	-16,729	0	0	\$17.16
С	249,124	11.4%	0.0%	11.4%	7.4%	8.4%	2,508	2,508	0	0	\$23.52
TOTAL	705,520	17.5%	0.0%	17.5%	14.6%	12.5%	-14,221	-14,221	0	0	\$19.41
Katy Freeway											
A	23,074,803	25.0%	5.7%	29.4%	20.4%	21.5%	238,895	238,895	186,000	0	\$31.49
В	10,209,039	22.8%	2.0%	24.8%	22.9%	24.0%	110,058	110,058	0	0	\$20.82
С	977,743	4.9%	0.7%	5.6%	5.3%	4.9%	-4,741	-4,741	0	0	\$23.55
TOTAL	34,261,585	23.8%	4.5%	27.4%	20.7%	21.8%	344,212	344,212	186,000	0	\$28.08
Katy Grand Par	kway West										
A	1,743,591	17.9%	10.4%	28.2%	22.4%	22.3%	-217	-217	0	0	\$30.96
В	1,016,763	5.8%	0.2%	6.1%	3.1%	3.2%	1,442	1,442	20,758	0	\$31.54
С	149,262	0.0%	0.0%	0.0%	0.0%	0.0%	0	0	0	0	\$0.00
TOTAL	2,909,616	12.8%	6.3%	19.0%	14.5%	14.5%	1,225	1,225	20,758	0	\$31.17
Kingwood/Hum	ıble										
В	1,328,142	8.5%	0.4%	8.9%	6.8%	8.0%	15,282	15,282	0	0	\$21.40
С	120,762	0.3%	0.0%	0.3%	0.3%	0.8%	500	500	0	0	\$20.19
TOTAL	1,448,904	7.8%	0.4%	8.2%	6.3%	7.4%	15,782	15,782	0	0	\$21.30
NASA/Clear Lal	ke										
A	1,845,338	21.2%	0.6%	21.9%	15.0%	15.3%	3,905	3,905	0	0	\$25.66
В	2,429,849	4.9%	0.3%	5.2%	5.6%	5.5%	-1,758	-1,758	0	0	\$18.56
С	428,839	5.2%	0.0%	5.2%	5.2%	4.1%	-4,678	-4,678	0	0	\$17.19
TOTAL	4,704,026	11.3%	0.4%	11.8%	9.3%	9.2%	-2,531	-2,531	0	0	\$21.22
North Belt/Gre	enspoint										
A	5,356,378	57.8%	1.4%	59.2%	58.3%	59.4%	56,990	56,990	0	0	\$19.66
В	5,957,851	39.5%	0.4%	39.9%	38.4%	38.6%	11,393	11,393	0	0	\$15.65
С	1,204,038	22.4%	0.0%	22.4%	22.1%	19.8%	-27,978	-27,978	0	0	\$14.70
TOTAL	12,518,267	45.7%	0.8%	46.5%	45.3%	45.7%	40,405	40,405	0	0	\$17.27

Submarkets by Class (continued)

Submarket/ Class	Total Inventory SF	Direct Availability Rate	Sublease Availability Rate	Availability Rate	Total Vacancy Rate	Previous Vacancy Rate	Net Absorption Current	Net Absorption YTD	Under Construction	Deliveries YTD	Avg Direct Asking Rate (FSG)
Northeast Nea											(.55)
A	642,223	0.4%	0.0%	0.4%	0.4%	0.4%	0	0	0	0	\$0.00
В	166,768	25.3%	0.0%	25.3%	25.3%	28.4%	5,137	5,137	0	0	\$20.91
С	57,823	70.0%	0.0%	70.0%	72.1%	50.6%	-12,425	-12,425	0	0	\$15.22
TOTAL	866,814	9.8%	0.0%	9.8%	10.0%	9.1%	-7,288	-7,288	0	0	\$19.45
Northwest and	Northwest O	utlier									
A	1,955,916	29.3%	2.0%	31.3%	29.1%	32.2%	60,215	60,215	0	0	\$22.86
В	6,230,239	16.7%	0.7%	17.1%	16.3%	16.6%	15,635	15,635	265,095	0	\$17.77
С	1,267,947	12.2%	0.3%	12.5%	8.8%	8.6%	-3,379	-3,379	0	0	\$16.14
TOTAL	9,454,102	18.7%	0.9%	19.4%	17.9%	18.8%	72,471	72,471	265,095	0	\$18.60
Richmond/Four	ntainview										
В	800,799	15.6%	0.0%	15.6%	12.4%	12.4%	-137	-137	0	0	\$17.74
С	319,716	4.1%	0.0%	4.1%	2.9%	2.9%	0	0	0	0	\$16.39
TOTAL	1,120,515	12.3%	0.0%	12.3%	9.7%	9.7%	-137	-137	0	0	\$17.35
San Felipe/Vos	S										
Α	2,255,470	36.5%	2.8%	39.4%	32.7%	34.0%	29,365	29,365	0	0	\$35.63
В	2,871,043	24.8%	0.0%	24.8%	22.7%	21.7%	-27,695	-27,695	0	0	\$22.84
TOTAL	5,126,513	29.9%	1.2%	31.2%	27.1%	27.1%	1,670	1,670	0	0	\$28.47
South											
В	364,988	19.8%	0.0%	19.8%	20.1%	19.8%	-1,199	-1,199	0	0	\$25.87
С	165,387	6.5%	0.0%	6.5%	6.5%	6.5%	0	0	0	0	\$20.00
TOTAL	530,375	15.7%	0.0%	15.7%	15.9%	15.7%	-1,199	-1,199	0	0	\$24.04
South Main/Me	edical Center										
В	849,964	12.2%	0.0%	12.2%	12.6%	11.9%	-6,125	-6,125	0	0	\$20.15
С	224,121	11.9%	0.0%	11.9%	19.7%	19.7%	0	0	0	0	\$18.32
TOTAL	1,074,085	12.1%	0.0%	12.1%	14.1%	13.5%	-6,125	-6,125	0	0	\$19.77
Southeast	ı										
В	1,394,307	5.5%	0.0%	5.5%	2.3%	2.3%	243	243	0	0	\$17.64
С	322,220	0.0%	0.0%	0.0%	0.0%	0.0%	0	0	0	0	\$0.00
TOTAL	1,716,527	4.5%	0.0%	4.5%	1.9%	1.9%	243	243	0	0	\$17.64
Southwest									-	_	
A	1,377,347	24.7%	4.2%	28.9%	26.8%	21.6%	-70,711	-70,711	0	0	\$17.91
В	6,135,487	24.0%	0.0%	24.0%	20.3%	20.9%	39,512	39,512	0	0	\$18.17
C	1,376,244		0.0%	5.5%	5.0%	5.9%	12,558	12,558	0	0	
TOTAL	8,889,078	21.2%	0.7%	21.9%	18.9%	18.7%	-18,641	-18,641	0	0	\$17.94
Southwest Far			0.007	12.50/	C 404	C 40'			00.000		#24.C2
A	668,435	13.5%	0.0%	13.5%	6.1%	6.1%	0	0	80,000	0	\$34.63
В	634,615	4.3%	0.0%	4.3%	4.3%	4.3%	0	0	0	0	\$22.76
C	91,661	2.2%	0.0%	2.2%	2.2%	2.2%	0	0	0 000	0	\$0.00
TOTAL The Woodlands	1,394,711	8.6%	0.0%	8.6%	5.0%	5.0%	0	0	80,000	0	\$28.85
A		14.2%	4.4%	18.6%	16.2%	17.1%	482,117	482,117	0	440,000	\$36.38
В	14,025,587 3,848,849	15.9%	4.4%	19.9%	16.2%	16.7%	-993	-993	35,000	440,000	\$36.38
С	279,446	42.0%	1.8%	43.8%	26.8%	25.0%	-4,894	-4,894	35,000	0	\$16.00
TOTAL	18,153,882	15.0%	4.3%	19.3%	16.5%	17.1%	476,230	476,230	35,000	440,000	\$34.33
IOIAL	10,133,862	13.0%	4.5%	1 7.5%	10.5%	17.170	4/0,230	4/0,230	35,000	440,000	P34.33

Submarkets by Class (continued)

Submarket/ Class	Total Inventory SF	Direct Availability Rate	Sublease Availability Rate	Availability Rate	Total Vacancy Rate	Previous Vacancy Rate	Net Absorption Current	Net Absorption YTD	Under Construction	Deliveries YTD	Avg Direct Asking Rate (FSG)
West Belt											
A	4,158,346	31.7%	3.5%	35.2%	24.3%	24.6%	12,899	12,899	0	0	\$25.80
В	1,903,404	21.0%	2.4%	23.3%	19.5%	21.1%	29,827	29,827	0	0	\$21.24
С	87,629	0.0%	0.0%	0.0%	0.0%	0.0%	0	0	0	0	\$0.00
TOTAL	6,149,379	27.9%	3.1%	31.0%	22.5%	23.2%	42,726	42,726	0	0	\$24.37
West Loop/Gal	eria										
A	19,197,941	29.7%	4.6%	34.4%	28.5%	29.5%	197,671	197,671	77,189	0	\$36.69
В	5,376,811	17.4%	0.2%	17.6%	16.4%	16.6%	8,944	8,944	0	0	\$24.84
С	153,712	12.6%	0.0%	12.6%	12.6%	10.3%	-3,676	-3,676	0	0	\$18.75
TOTAL	24,728,464	26.9%	3.6%	30.6%	25.8%	26.6%	202,939	202,939	77,189	0	\$34.00
Westchase											
A	9,825,627	26.7%	6.0%	32.7%	28.1%	28.5%	38,549	38,549	0	0	\$32.53
В	7,710,453	29.0%	2.7%	31.7%	29.4%	27.2%	-173,744	-173,744	0	0	\$21.73
С	111,046	0.0%	0.0%	0.0%	0.0%	0.0%	0	0	0	0	\$0.00
TOTAL	17,647,126	27.5%	4.5%	32.1%	28.5%	27.8%	-135,195	-135,195	0	0	\$27.78



480 offices in 67 countries on 6 continents

United States: 160

Canada: 49

Latin America: 14 Asia Pacific: 97 EMEA: 108



\$3.6B in revenue



2B square feet under management



18,000 +professionals and staff

About Colliers

Colliers (NASDAQ, TSX: CIGI) is a leading diversified professional services and investment management company. With operations in 66 countries, our more than 15,000 enterprising professionals work collaboratively to provide expert advice to real estate occupiers, owners and investors. For more than 25 years, our experienced leadership with significant investors of the state occupied annual investment returns of almost 20% for shareholders. With annualized revenues of \$3.3 billion (\$3.6 billion including affiliates) and \$45 billion of assets under management, we maximize the potential of property and accelerate the success of our clients and our people. Learn more at corporate.colliers.com, Twitter @Colliers or LinkedIn.

Market Contacts:

Lisa Bridges, CPRC

Director of Market Research Houston +1 713 830 2125 lisa.bridges@colliers.com

Patrick Duffy, MCR

President Houston +1 713 830 2112 patrick.duffy@colliers.com

Contributor:

Neil Potter

Senior Project Manager Houston +1 713 830 2198 neil.potter@colliers.com

Colliers statistical criteria includes all general purpose multi and single tenant office buildings 20,000 SF or greater.

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1233 West Loop South, Suite 900 Houston, TX 77027 +1 713 222 2111 colliers.com









