

CU Investment Solutions, LLC

Brady McLeod, Registered Representative
Walter Thompson, Registered Representative
Julie Chapin, Registered Representative
Chris Hageman, Registered Representative
Rachel Dulaney, Registered Representative
Call 855-882-8474



New Issue Offerings 9/28/2023

Fixed Rate Callables												
Issuer	Cusip	Coupon	Maturity	Call Date	Price	Years To Maturity	Lockout in Months	Call Frequency	Settle Date	Spread to Interp		
										Treas	YTM	YTC
FREDDIE MAC	3134H1EA7	6.250	10/24/2028	1/24/2024	100	5.01	3	Quarterly	10/24/2023	1.55	6.250	6.250
FEDERAL FARM CREDIT BANK	3133EPXA8	6.000	10/2/2028	4/2/2024	100	5.01	6	Anytime	10/2/2023	1.30	6.000	6.000
FREDDIE MAC	3134H1EQ2	6.150	10/11/2028	4/11/2024	100	5.01	6	Quarterly	10/11/2023	1.45	6.150	6.150
FEDERAL HOME LOAN BANK	3130AXDU9	5.000	10/18/2028	10/18/2024	100	5.01	12	Onetime	10/18/2023	0.30	5.000	5.000
FEDERAL FARM CREDIT BANK	3133EPXE0	5.480	10/2/2028	10/2/2025	100	5.01	24	Anytime	10/2/2023	0.78	5.480	5.480
FEDERAL FARM CREDIT BANK	3133EPXF7	6.150	10/2/2030	10/2/2024	100	7.01	12	Anytime	10/2/2023	1.47	6.150	6.150
FEDERAL FARM CREDIT BANK	3133EPXL4	6.550	10/4/2032	4/4/2024	100	9.01	6	Anytime	10/4/2023	1.88	6.550	6.550
FEDERAL FARM CREDIT BANK	3133EPXJ9	6.450	10/3/2033	10/3/2024	100	10.01	12	Anytime	10/3/2023	1.79	6.450	6.450
FEDERAL FARM CREDIT BANK	3133EPXK6	6.700	10/3/2033	1/3/2024	100	10.01	3	Anytime	10/3/2023	2.04	6.700	6.700
FEDERAL FARM CREDIT BANK	3133EPXM2	6.100	10/2/2043	10/2/2026	100	20.01	36	Anytime	10/2/2023	1.38	6.100	6.100

All securities are offered through CU Investment Solutions LLC (ISI). The home office of ISI is located at 8500 W. 110th St., Overland Park, KS 66210. ISI is registered with the Securities and Exchange Commission (SEC) as a broker-dealer under the Securities Exchange Act of 1934. ISI also is registered in the state of Kansas as an investment advisor. Member of FINRA and SIPC. All investments carry risk; please speak with your representative to gain a full understanding of said risks. Securities offered by ISI are not insured by the FDIC or NCUSIF and may lose value. All opinions, prices and yields are subject to change without notice.

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Secondary Offerings 9/28/2023

Callables									
Issuer	Coupon	Maturity	Call Date	Call Type	Price	YTC	YTM	YTM Spread to Interp Treas	Cusip
FREDDIE MAC	4.000	12/30/2024	12/30/2023	Quarterly	98.29	10.823	5.420	0.16	3134GXA61
FREDDIE MAC	4.000	2/28/2025	11/28/2023	Quarterly	98.10	15.840	5.411	0.18	3134GXS88
FANNIE MAE	0.875	12/18/2026	12/18/2023	Quarterly	87.88	63.695	4.999	0.06	3135G06L2
FEDERAL HOME LOAN BANK	0.830	2/10/2027	11/10/2023	Quarterly	87.23	129.326	5.001	0.07	3130AKYH3
FREDDIE MAC	4.500	9/25/2028	9/25/2024	Quarterly	97.45	7.217	5.085	0.39	3134H1CM3

Bullets							
Issuer	Coupon	Maturity	Price	Yield	Spread to Interp	Benchmark	Cusip
FEDERAL HOME LOAN BANK	5.460	9/25/2024	100.00	5.462	0.15	T 5 09/30/25	3130AXB80
FEDERAL FARM CREDIT BANK	5.250	10/2/2024	99.76	5.494	0.18	T 5 09/30/25	3133EPVK8
FEDERAL HOME LOAN BANK	5.125	3/14/2025	99.64	5.372	0.14	T 5 09/30/25	3130AWT59
FANNIE MAE	0.500	6/17/2025	92.34	5.221	0.06	T 5 09/30/25	3135G04Z3
FEDERAL HOME LOAN BANK	4.875	9/12/2025	99.42	5.181	0.05	T 5 09/30/25	3130AWS92
FEDERAL HOME LOAN BANK	0.500	3/13/2026	89.57	5.071	0.02	T 5 09/30/25	3130ALG40
FEDERAL FARM CREDIT BANK	4.750	5/28/2026	99.34	5.021	0.00	T 4 5/8 09/15/26	3133EPUD5
FEDERAL FARM CREDIT BANK	4.750	9/1/2026	99.39	4.976	-0.01	T 4 5/8 09/15/26	3133EPUW3
FARMER MAC	1.150	11/17/2026	88.97	4.996	0.05	T 4 5/8 09/15/26	31422XPS5
FEDERAL HOME LOAN BANK	3.250	3/12/2027	94.92	4.866	-0.05	T 4 5/8 09/15/26	3130AE6D7
FARMER MAC	4.875	4/1/2027	99.84	4.926	0.02	T 4 5/8 09/15/26	31424WAF9
FEDERAL FARM CREDIT BANK	4.625	9/28/2027	99.44	4.781	-0.06	T 4 5/8 09/15/26	3133EPXB6

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Indicative Offerings - Mortgage-Backed Securities 9/28/2023

MBS Pools									
Issue	Coupon	WAL	Yield	I Spread	Price	Principal	Type	Current Face	Cusip
FN FS1435	3.50	3.01	5.21	31	95.31	11/23-12/30	15 Year	6,965,993	3140XGSZ3
FR SB0934	3.50	3.41	5.24	37	94.72	11/23-03/32	15 Year	9,852,414	3132CXBB7
FR SB8259	4.50	6.15	5.32	61	95.91	11/23-07/38	15 Year	10,000,000	3132D6E89
FR SB8260	5.00	5.96	5.53	82	97.44	11/23-07/38	15 Year	10,000,000	3132D6E97
FR SB8261	5.50	5.74	5.71	100	98.97	11/23-07/38	15 Year	10,000,000	3132D6FA3
FN MA5178	6.00	5.42	5.87	116	100.50	11/23-05/38	15 Year	10,000,000	31418EXG0
FN MA5176	6.00	6.90	6.13	141	99.34	11/23-07/43	20 Year	10,000,000	31418EXE5

CMOs										
Issue	Coupon	WAL	Yield	I Spread	Price	FMED U300 % Change	Principal Window	Type	Current Face	Cusip
GNR 2023-40 J	5.00	2.65	5.55	59	98.56	-9.3%	11/23-11/28	SEQ	4,809,552	38383WQZ2
FHR 5272 AC	5.50	3.78	5.82	101	98.81	-10.5%	11/23-05/31	AD,SEQ	4,405,572	3137H9CG2

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Treasury Offerings

9/28/2023

Bullets						
Issuer	Coupon	Maturity	Price	Yield	Years	Cusip
TREASURY BILL	0.000	10/19/2023	99.7229	5.085	0.06	912797FB8
TREASURY BILL	0.000	11/30/2023	99.1052	5.315	0.17	912796ZD4
TREASURY BILL	0.000	12/26/2023	98.7182	5.400	0.24	912797HW0
TREASURY BILL	0.000	1/9/2024	98.5240	5.375	0.28	912797HY6
TREASURY BILL	0.000	2/22/2024	97.8786	5.418	0.40	912796Z28
TREASURY BILL	0.000	3/7/2024	97.6683	5.461	0.44	912797GQ4
TREASURY BILL	0.000	4/18/2024	97.1016	5.395	0.56	912796CX5
US TREASURY N/B	2.500	5/15/2024	98.2398	5.384	0.63	912828WJ5
US TREASURY N/B	3.000	6/30/2024	98.2203	5.438	0.76	91282CEX5
US TREASURY N/B	2.125	7/31/2024	97.3141	5.448	0.84	9128282N9
US TREASURY N/B	2.375	8/15/2024	97.3883	5.459	0.88	912828D56
US TREASURY N/B	1.500	9/30/2024	96.2058	5.439	1.01	912828YH7
US TREASURY N/B	2.250	10/31/2024	96.7175	5.398	1.09	9128283D0
US TREASURY N/B	2.250	11/15/2024	96.6120	5.384	1.13	912828G38
US TREASURY N/B	4.250	12/31/2024	98.6355	5.385	1.26	91282CGD7
US TREASURY N/B	4.125	1/31/2025	98.4675	5.323	1.35	91282CGG0
US TREASURY N/B	1.500	2/15/2025	94.9675	5.336	1.39	91282CDZ1
US TREASURY N/B	3.875	3/31/2025	97.9714	5.297	1.51	91282CGU9
US TREASURY N/B	3.875	4/30/2025	97.9089	5.263	1.59	91282CGX3
US TREASURY N/B	4.250	5/31/2025	98.4441	5.232	1.67	91282CHD6
US TREASURY N/B	4.625	6/30/2025	99.0691	5.183	1.76	91282CHL8
US TREASURY N/B	3.000	7/15/2025	96.3191	5.173	1.80	91282CEY3
US TREASURY N/B	3.125	8/15/2025	96.4245	5.145	1.88	91282CFE6
US TREASURY N/B	3.500	9/15/2025	97.0366	5.106	1.97	91282CFK2
US TREASURY N/B	4.250	10/15/2025	98.3959	5.085	2.05	91282CFP1
US TREASURY N/B	4.500	11/15/2025	98.9038	5.047	2.13	91282CFW6
US TREASURY N/B	4.000	12/15/2025	97.8881	5.018	2.22	91282CGA3
US TREASURY N/B	3.875	1/15/2026	97.5834	5.001	2.30	91282CGE5
US TREASURY N/B	4.000	2/15/2026	97.8100	4.986	2.39	91282CGL9
US TREASURY N/B	4.625	3/15/2026	99.2397	4.956	2.46	91282CGR6
US TREASURY N/B	3.750	4/15/2026	97.1928	4.937	2.55	91282CGV7
US TREASURY N/B	3.625	5/15/2026	96.8491	4.916	2.63	91282CHB0
US TREASURY N/B	4.125	6/15/2026	98.0522	4.899	2.72	91282CHH7
US TREASURY N/B	4.500	7/15/2026	98.9819	4.892	2.80	91282CHM6
US TREASURY N/B	4.375	8/15/2026	98.6538	4.880	2.88	91282CHU8
US TREASURY N/B	1.625	9/30/2026	91.2228	4.799	3.01	912828YG9
US TREASURY N/B	1.125	10/31/2026	89.5275	4.816	3.09	91282CDG3
US TREASURY N/B	2.000	11/15/2026	91.9181	4.813	3.13	912828U24
US TREASURY N/B	1.750	12/31/2026	90.9416	4.790	3.26	912828YX2
US TREASURY N/B	1.500	1/31/2027	89.9416	4.797	3.35	912828Z78

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Issuer	Coupon	Maturity	Price	Yield	Years	Cusip
US TREASURY N/B	2.250	2/15/2027	92.2072	4.775	3.39	912828V98
US TREASURY N/B	2.500	3/31/2027	92.8009	4.755	3.51	91282CEF4
US TREASURY N/B	2.750	4/30/2027	93.4025	4.772	3.59	91282CEN7
US TREASURY N/B	2.375	5/15/2027	92.1291	4.762	3.63	912828X88
US TREASURY N/B	3.250	6/30/2027	94.9025	4.748	3.76	91282CEW7
US TREASURY N/B	2.750	7/31/2027	93.0275	4.759	3.84	91282CFB2
US TREASURY N/B	3.125	8/31/2027	94.2541	4.748	3.93	91282CFH9
US TREASURY N/B	4.125	9/30/2027	97.8231	4.728	4.01	91282CFM8
US TREASURY N/B	4.125	10/31/2027	97.7763	4.729	4.09	91282CFU0
US TREASURY N/B	3.875	11/30/2027	96.8309	4.720	4.18	91282CFZ9
US TREASURY N/B	3.875	12/31/2027	96.8153	4.709	4.26	91282CGC9
US TREASURY N/B	3.500	1/31/2028	95.3466	4.697	4.35	91282CGH8
US TREASURY N/B	2.750	2/15/2028	92.4013	4.689	4.39	9128283W8
US TREASURY N/B	3.625	3/31/2028	95.7372	4.686	4.51	91282CGT2
US TREASURY N/B	3.500	4/30/2028	95.1747	4.680	4.59	91282CHA2
US TREASURY N/B	2.875	5/15/2028	92.5809	4.676	4.63	9128284N7
US TREASURY N/B	4.000	6/30/2028	97.1903	4.665	4.76	91282CHK0
US TREASURY N/B	1.000	7/31/2028	84.2450	4.677	4.84	91282CCR0
US TREASURY N/B	2.875	8/15/2028	92.2372	4.672	4.88	9128284V9
US TREASURY N/B	1.250	9/30/2028	84.9000	4.670	5.01	91282CCY5
US TREASURY N/B	1.375	10/31/2028	85.2359	4.669	5.10	91282CDF5
US TREASURY N/B	3.125	11/15/2028	93.0563	4.662	5.14	9128285M8
US TREASURY N/B	1.375	12/31/2028	84.8609	4.657	5.26	91282CDP3
US TREASURY N/B	1.750	1/31/2029	86.3531	4.668	5.35	91282CDW8
US TREASURY N/B	5.250	2/15/2029	102.7359	4.668	5.39	912810FG8
US TREASURY N/B	2.375	3/31/2029	88.9469	4.676	5.51	91282CEE7
US TREASURY N/B	2.875	4/30/2029	91.2281	4.677	5.59	91282CEM9
US TREASURY N/B	2.750	5/31/2029	90.5016	4.676	5.68	91282CE56
US TREASURY N/B	3.250	6/30/2029	92.8297	4.685	5.76	91282CEV9
US TREASURY N/B	2.625	7/31/2029	89.6188	4.677	5.84	91282CFC0
US TREASURY N/B	3.125	8/31/2029	92.0563	4.676	5.93	91282CFJ5
US TREASURY N/B	3.875	9/30/2029	95.8519	4.676	6.01	91282CFL0
US TREASURY N/B	4.000	10/31/2029	96.4534	4.676	6.10	91282CFT3
US TREASURY N/B	3.875	11/30/2029	95.7659	4.672	6.18	91282CFY2
US TREASURY N/B	3.875	12/31/2029	95.7113	4.673	6.26	91282CGB1
US TREASURY N/B	3.500	1/31/2030	93.6409	4.670	6.35	91282CGJ4
US TREASURY N/B	4.000	2/28/2030	96.3519	4.664	6.42	91282CGQ8
US TREASURY N/B	3.625	3/31/2030	94.2425	4.662	6.51	91282CGS4
US TREASURY N/B	3.500	4/30/2030	93.5081	4.655	6.59	91282CGZ8
US TREASURY N/B	3.750	6/30/2030	94.8206	4.652	6.76	91282CHJ3

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US TREASURY N/B	4.000	7/31/2030	96.2425	4.647	6.84	91282CHR5
US TREASURY N/B	4.125	8/31/2030	96.9456	4.646	6.93	91282CHW4
US TREASURY N/B	0.875	11/15/2030	77.8037	4.557	7.14	91282CAV3
US TREASURY N/B	1.125	2/15/2031	78.8819	4.523	7.39	91282CBL4
US TREASURY N/B	1.625	5/15/2031	81.2100	4.570	7.63	91282CCB5
US TREASURY N/B	1.250	8/15/2031	78.1462	4.587	7.88	91282CCS8
US TREASURY N/B	1.375	11/15/2031	78.3962	4.589	8.14	91282CDJ7
US TREASURY N/B	1.875	2/15/2032	81.2400	4.598	8.39	91282CDY4
US TREASURY N/B	2.875	5/15/2032	87.7712	4.608	8.64	91282CEP2
US TREASURY N/B	2.750	8/15/2032	86.5837	4.608	8.89	91282CFF3
US TREASURY N/B	4.125	11/15/2032	96.4875	4.600	9.14	91282CFV8
US TREASURY N/B	3.500	2/15/2033	91.8000	4.585	9.39	91282CGM7
US TREASURY N/B	3.375	5/15/2033	90.7375	4.575	9.64	91282CHC8
US TREASURY N/B	3.875	8/15/2033	94.4875	4.574	9.89	91282CHT1

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