CITY OF NEW BERN BOARD OF ALDERMEN WORK SESSION APRIL 16, 2021 – 9:00 A.M. DEVELOPMENT SERVICES' CONFERENCE ROOM 303 FIRST STREET

- 1. Closed Session.
- 2. Discuss Capital Improvement Plan and Potential Financing Options.
- 3. Adjourn.

INDIVIDUALS WITH DISABILITIES REQUIRING SPECIAL ASSISTANCE SHOULD CALL 639-7501 NO LATER THAN 3 P.M. THE DATE OF THE MEETING

Discussion Materials – Executive Summary

City of New Bern, North Carolina



March 23, 2021



Municipal Finance Overview

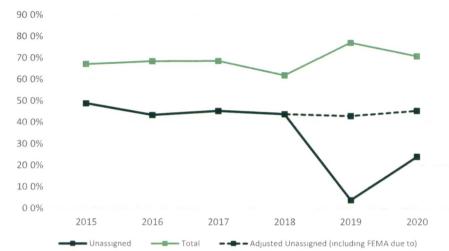


- When accessing the capital markets, the City has a number of credit options through which it can issue debt:
 - General Obligation Bonds
 - Installment Purchase Contracts / Limited Obligation Bonds / Certificates of Participation
 - Revenue Bonds
 - Special Obligation Bonds
- The City has three main issuance options it may pursue when accessing the capital markets:
 - Direct Bank Loan (Request for Proposals or Negotiated)
 - Public Offering (Competitive or Negotiated)
 - State / Federal Loan Programs
- The Local Government Commission ("LGC") oversees and approves debt issuance for North Carolina localities. As part of their approval process, the LGC must find that:
 - The proposed bond issue is necessary or expedient.
 - The amount proposed is adequate and not excessive for the proposed purpose of the issue.
 - The unit's debt management procedures and policies are good.
 - The increase in taxes, if any, necessary to service the proposed debt will not be excessive.
 - The proposed bonds can be marketed at reasonable rates of interest.



General Fund Balance Overview





General Fund Balance as a % of Revenues

	2015	2016	2017	2018	2019	2020
General Fund Budget		in die, die verband die inder Kraus bestanden die gesten die kannen op de geste				
Revenues	30,167,640	29,871,795	30,479,198	31,629,832	29,607,939	30,629,291
Expenditures	30,080,911	35,123,946	32,820,367	34,865,091	29,665,698	33,407,107
General Fund Balance						
Nonspendable	138,418	106,353	125,566	132,738	103,144	1,860,476
Restricted - Other	522,509	-	1,069,009	372,641	2,178,618	1,262,379
Restricted by State Statute - FEMA Due to General Fund	-	-	-	-	11,593,496	6,571,406
Restricted by State Statute - Other	4,850,559	5,370,614	5,909,758	5,202,285	7,817,996	4,655,054
Committed	-	-	-	-	-	-
1 Assigned	-	2,000,000	-	-	-	-
2 Unassigned	14,753,694	12,976,430	13,816,378	13,864,240	1,136,141	7,331,940
3 Total	20,265,180	20,453,397	20,920,711	19,571,904	22,829,395	21,681,255
1						
5 Adjusted Unassigned (including FEMA due to)	-	-			12,729,637	13,903,346





Tax Supported Debt Service

- As of 6/30/2021, the City's Outstanding Debt is estimated to be \$10,714,434.
- The City's annual debt service payments are declining each fiscal year from current levels.
- The declines in the City's existing debt service provides an opportunity to issue additional debt without impacting the annual budget.

А	В	С	D
	Existing GF	FY 2022 General	
	Debt Service	Fund Budgeted DS	
FY	(Excluding Vehicles)	(Excluding Vehicles)	Surplus / (Deficit)
2022	1,529,054	1,529,054	-
2023	1,318,198	1,529,054	210,856
2024	924,760	1,529,054	604,294
2025	906,241	1,529,054	622,813
2026	887,723	1,529,054	641,333
2027	869,205	1,529,054	659,849
2028	850,686	1,529,054	678,368
2029	602,105	1,529,054	926,949
2030	345,716	1,529,054	1,183,338
2031	316,977	1,529,054	1,212,077
2032	133,432	1,529,054	1,395,622
2033	133,432	1,529,054	1,395,622
2034	133,432	1,529,054	1,395,622
2035	133,432	1,529,054	1,395,622
2036	133,432	1,529,054	1,395,622
2037	-	1,529,054	1,529,054

FY 2021 Value of a Penny¹: \$331,000

Assumed Growth Rate: 1.00%



Source LGC Bond Ledger and 2020 Audit/City Staff

March 23, 2021



In order to quantify the City's future debt capacity and debt affordability, the following Cases have been analyzed:

A	В	С	D	Е	F	G
Case	FY 2022 Tax Adjustment (New or Rededicated)	Growth Rate $^{(1)}$	Amortization Term	Interest Rate	Amortization	Issuance Timing ⁽²⁾
Case 1	0.00¢	1.00%	15-Year	4.00%	Level Principal	Maximize issuance as quickly as possible
Case 2	1.00¢	1.00%	15-Year	4.00%	Level Principal	Maximize issuance as quickly as possible
Case 3	2.00¢	1.00%	15-Year	4.00%	Level Principal	Maximize issuance as quickly as possible

 $^{(1)}$ Growth Rate of AV, Value of a Penny, and Expenditures.

⁽²⁾ Principal and Interest assumed to begin in the fiscal year following issuance.

Note: Assumes Debt is issued in mid FY 2022 at the earliest.

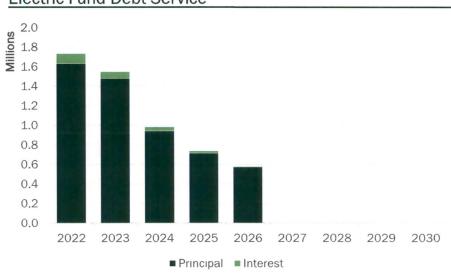




A	В	С	D	E
Case		Case 1	Case 2	Case 3
Description		0¢ ın FY 2022	1¢ in FY 2022	2¢ ın FY 2022
L Amortization		Level Principal	Level Principal	Level Principal
? Term		15 Years	15 Years	15 Years
Interest Rate		4.00%	4.00%	4.00%
5 Debt Issued				
6 FY 2022 Capacity		\$1,975,000	\$8,275,000	\$13,310,000
FY 2023 Capacity		\$3,740,000	\$795,000	\$0
B FY 2024 Capacity		\$315,000	\$430,000	\$0
FY 2025 Capacity		\$325,000	\$445,000	\$220,000
) FY 2026 Capacity		\$335,000	\$455,000	\$585,000
Total Debt Issued		\$6,690,000	\$10,400,000	\$14,115,000







March 23, 2021

Electric Fund Debt Service

Electric Fund Debt Service

- The City is considering funding two projects through the issuance of an electric revenue bond:
 - Electric System Capacity (\$10 million) this project consists of construction of a new substation, addition of a transformer to an existing substation and interconnections to the distribution system.
 - Battery Energy Storage System ("BESS") (\$5 million) construction of utility scale battery storage system. This project provides cost avoidance towards the City's purchased power generating an estimated savings of \$1.2 million beginning in FY 2023.



Existing and Proposed Debt Service



Electric Fund

A	В	С	D	E	F	G	Н
FY	Existing Debt Service	Proposed Debt Service	(B + C) Total Debt Service	BESS Operating Savings	(D + E) Net Debt Service and Operating Savings	FY 2022 Existing Debt Service Budget	(G - F) Annual Surplus (Deficit)
Total							
2022	1,736,138	-	1,736,138	-	1,736,138	1,736,138	-
2023	1,550,438	600,000	2,150,438	(1,200,000)	950,438	1,736,138	785,700
2024	984,480	1,433,851	2,418,331	(1,200,000)	1,218,331	1,736,138	517,807
2025	739,680	1,433,851	2,173,531	(1,200,000)	973,531	1,736,138	762,607
2026	583,374	1,433,851	2,017,225	(1,200,000)	817,225	1,736,138	918,913
2027	-	1,433,851	1,433,851	(1,200,000)	233,851	1,736,138	1,502,287
2028	-	1,433,851	1,433,851	(1,200,000)	233,851	1,736,138	1,502,287
2029	-	1,433,851	1,433,851	(1,200,000)	233,851	1,736,138	1,502,287
2030	-	1,433,851	1,433,851	(1,200,000)	233,851	1,736,138	1,502,287
2031	-	1,433,851	1,433,851	(1,200,000)	233,851	1,736,138	1,502,287
2032	-	1,433,851	1,433,851	(1,200,000)	233,851	1,736,138	1,502,287
2033	-	761,386	761,386	-	761,386	1,736,138	974,752
2034	-	761,386	761,386	-	. 761,386	1,736,138	974,752
2035	-	761,386	761,386	-	761,386	1,736,138	974,752
2036	-	761,386	761,386	-	761,386	1,736,138	974,752
2037	-	761,386	761,386	-	761,386	1,736,138	974,752
2038	-	761,386	761,386	-	761,386	1,736,138	974,752
2039	-	761,386	761,386	-	761,386	1,736,138	974,752
2040	-	761,386	761,386	-	761,386	1,736,138	974,752
2041	-	761,386	761,386	-	761,386	1,736,138	974,752
2042	-	761,386	761,386	-	761,386	1,736,138	974,752





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					Ser Star	A CARDIN			Estimated	d Cost					and the second	
ine No.	Department	Project Type	Project Title	-	FY22	F	Y23		FY24		Y25	F	Y26		Total	Detailed Description-Justification
Ine No.	Administration	IT Equipment	*Phone System Replacement	S	150,000							24/2		\$	150,000	Replace City Internal Phone System - Justification: Existing system reaches manufacturer's end of life in fall
2	Administration	IT Equipment	*Backup System Tech Refresh	S	13,000			1						\$	13,000	Replace backup appliances - Justification: The appliances will have reached manufacturer's end of life
4	Administration		the second s	Ť			1993						240.28		35,000	Replace obsolete ethernet cabling in various City buildings - Justification: Current cabling operates at 10% of
3	Administration	IT Equipment	*Replace Data Cabling	\$	35,000			1						S	35,000	required data transfer rate
4	Administration	IT Equipment	*S2 Security System Server	S	25,000									\$	25,000	S2 Security Server - Justification: Centralizes management of city-wide door access controls.
5	Administration	IT Equipment	Backup System Tech Refresh	Ť		S	26,000	14		4				\$	26,000	Replace backup appliances - Justification: The appliances will have reached manufacturer's end of life
3														s	65.000	Replace core switch, currently located at CH - Justification: Switch will be at end of manufacturer's life, new
6	Administration	IT Equipment	Core Switch Tech Refresh			\$	65,000							3		switch placed in more secure location.
7	Administration	IT Equipment	UCS Technical Refresh	1		\$	125,000							\$	125,000	Replace virtual system hosting infrastructure - Justification: Existing infrastructure will be at manufacturer's end of life.
8	Administration	IT Equipment	SAN Tech Refresh			\$	100,000							\$	100,000	Replace storage area network - Justification: SAN will be at end of manufacturer's life.
9	Administration	IT Equipment	Copper Switch for City Hall		Service of	2.23		\$	20,000	18267	14 S	and a la		\$	20,000	Fiber Switch for City Hall - Justification: Allows core network routing functions to be moved from CH in FY22
10	Administration	IT Equipment	PD Core Network Switch					\$	60,000					\$	60,000	Replace obsolete core network switch at PD Justification: Existing switch approaching manufacturer's end of
11	Administration	IT Equipment	Wireless Network Tech Refresh			8.54	Sec. Constraint	\$	60,000	1.3		1.	19. 18 A. 18.	\$	60,000	Replace wireless network infrastructure - Justification: Wireless infrastructure will be at end of manufacturer's
			Two Factor Authentication Tech							6	50,000			s	50,000	CJIS required two factor authentication for Police Mobile Data Computers - Justification: Will not be in
12	Administration	IT Equipment	Refresh							3	50,000			3		compliance with Criminal Justice Information System (CJIS) requirements.
13	Administration	IT Equipment	Firewall Tech Refresh	100			1100 20	100		\$	70,000		Contra and	\$	70,000	Replace firewall - Justification: Firewall will be at end of manufacturer's life.
										c	50,000			\$	50,000	Provide high availability for critical network infrastructure components - Justification: Protects against network
14	Administration	IT Equipment	Host for HA Systems							2	50,000			3	50,000	outages due to system failures
				6.000			1. 1. Same		Provide Ser	a la come		1	1.1. 6. 6.			Add additional backup appliance to provide sufficient capacity for anticipated increase in volume of data being
15	Administration	IT Equipment	Backup System Capacity Upgrade			13.5			E al a s			\$	15,000	S	15,000	backed up Justification: Volume of data generated by the City continues to increase annually, no indication
15	Administration	11 Equipment	Buckup System cupacity opgrade						Sec. 10					1		that this trend will abate
Sector Sector												¢	35,000	S	35,000	Add additional RAM (memory) to UCS system Justification: As additional operational functions require IT
16	Administration	IT Equipment	UCS Memory Upgrade									2	35,000	3	35,000	system support more memory is required to support the increasing user & application load.
		THE REPORT OF A DESCRIPTION OF A DESCRIP				1.00			1. A. A. A.			s	20,000	s	20,000	Add additional Solid State Drives (SSD) to the City's Storage Area Network Justification: Volume of data
17	Administration	IT Equipment	SAN Capacity Upgrade									3	20,000	3	20,000	generated by the City continues to increase annually, no indication that this trend will abate.
																Add an additional PC to the PEG rack to host Zoom meetings. This PC will also take over the functions of the
					6 0 0 0									\$	6,000	current PEG PC, allowing it to be eliminated Justification: Currently Zoom sessions are hosted on the
18	Administration	IT Equipment	Zoom Hosting	5	6,000									3	0,000	presentation laptop. This is logistically difficult, moving the Zoom hosting function to a separate machine will
																allow better management of both Zoom sessions and presentations.
					1. 1. A. 1. P.		State and		4.4.2.9.3		A. S. Star			1	TAR SEL	Replace aging video camera & support equipment purchased in 2009 - Justification: Camera 2 is 14 years old.
19	Administration	Other Equipment	Replace aging equipment			S	5,000							\$	5,000	A reliable second camera & support equipment provides updated technology, backup equipment in the event o
15	Administration	omer Equipment	hepinee uging equipment				1.1.1	1999								a failure & the capability to record 2 meetings or events at the same time.
									50.000					s	50,000	Transition to full HD for all meetings & PEG programming - Justification: Full HD will bring additional clarity
20	Administration	IT Equipment	HD Implementation					\$	50,000					3	,	to our programming in a more modern & standard format.
				1.			and the second	1.00	11.20	1	Carlo Carlo	1	1.1.1.1		S. Car	Replace aging audio board, courtroom mics & cabling - Justification: Audio board is nearing 10 years old; mic
21	Administration	IT Equipment	Audio upgrade							\$	18,000			5	18,000	& cabling are guesstimated to be at least 15 years old. An upgrade would provide updated technology & reduc
-1	Administration	11 Equipment	indie upgrude						1.44							the frequency of audio failures.
6.6.01												6	50,000	\$	50,000	Additional storage for PEG meeting videos - Justification: Board meeting videos must be kept in perpetuity and
22	Administration	IT Equipment	Video storage									2	50,000	3	50,000	additional storage space must be purchased periodically to accommodate video retention.
23	Administration Total			\$	229,000	S	321,000	S	190,000	\$	188,000	\$	120,000	\$ 1	1,048,000	
23	Development Services	Vehicles	*Vehicle Replacement	\$	25,000	-	25,000							\$	50,000	
25	Development Services	Vehicles	*Vehicle Replacement	S	25,000	199			N. AVEN					\$	25,000	
40	Development bervices	. chickes		-												Justification: Professional audio upfit for Development Services Conference Room. The DS Conference Roor
26	Development Services	Audio Upgrade	*Audio Upgrade	\$	22,000									\$	22,000	hosts many public meetings. This upfit will allow professional quality video and audio recordings of meetings
20	Development bervices	nullo opgilulo	ring offeren													as well as integrated teleconferencing capabilities.
27	Development Services Tot	al		S	72,000	S	25,000	S	-	\$		\$	-	\$	97,000	
	Electric	Motor Vehicles	Admin Truck	\$	36,500				a harrow	-				\$		Fleet attrition, replace 2004 N-1
29	Electric	Motor Vehicles	Admin Truck	\$	36,500					1 KT				\$		Fleet attrition, replace 2008 N-3
30	Electric	Land, Right-of-Way	Kale Rd Adjacent Property	\$	200,000									-	200,000	
31	Electric	Other Equipment	Milsoft E&A		N. State	\$	55,000	\$	25,000	\$	25,000	\$	25,000			Electric System Modeling Software
32	Electric	Motor Vehicles	Bucket Truck	\$	220,000	\$	220,000	\$	220,000	\$	220,000	\$	220,000	-	1,100,000	
34	Electric	Motor Vehicles	Trencher	S	220,000	0	220,000	6	220,000	\$	220,000	2	220.000	15	1.100.000	Fleet Attrition, Replace U63

100 A					ALC: NO.				Estimate	d Cos	t					
in No	Department	Project Type	Project Title		FY22		FY23	F	TY24	And the second second	FY25	F	Y26	Total		Detailed Description-Justification
ine No. 34	Department Electric	Other Equipment	Back Hoe	-	1122			S	110,000		and the second se		a contraction of the second second second	\$ 220,	000 1	Fleet attrition, TBD
	Electric	Other Equipment	Cable/Fault Locator	1	Contraction of the	\$	7,500	A sector			S. N. S. S.	Start St		\$ 7,	500 1	Fleet attrition, TBD
	Electric	Other Equipment	Skid Steer Attachment			\$	16,000							\$ 16,	000 1	Fleet attrition, TBD
	Electric	Other Equipment	Chipper	1 and				1.11		\$	75,000		197 199	\$ 75,	000	Fleet attrition, TBD
-	Electric	Other Equipment	Cable Puller	-		\$	18,000							\$ 18,	000]	Fleet attrition, TBD
	Electric	Other Equipment	Wire reel trailer	S	15,000	10.276		1. A		10.00			and the start of	\$ 15,	000	Fleet attrition, TBD
	Electric	Motor Vehicles	Service Truck	S	76,000	\$	55,000	\$	55,000	\$	55,000	\$	55,000	\$ 296,	000	Fleet attrition, Replace U-16 Mechanic Truck
	Electric	Motor Vehicles	Service Truck	-		S	60,000	\$	55,000	\$	55,000	\$	55,000	\$ 225,	000	Fleet attrition, Dump truck
	Electric	Other Structures & Improvements	Old Town River Crossing	S	50,000	\$	300,000							\$ 350,	000	System improvement
	Electric	Other Structures & Improvements	Greenbrier	S	250,000	\$	250,000	\$	250,000	\$	250,000	\$	250,000	\$ 1,250,	000	System improvement
	Electric	U/G Transformers & Switch Devices	Underground transformers	\$	300,000	\$	300,000	\$	300,000	\$	300,000	\$	300,000	\$ 1,500,	000	
44	Electric	Cables & Devices	Cables & Devices	S	500,000	\$	500,000	\$	500,000	\$	500,000	\$	500,000	\$ 2,500,	000	
45	Electric	Conductors & Devices	Conductors & Devices	S	150,000	\$	150,000	\$	150,000	\$	150,000	\$	150,000	\$ 750,	000	
40	Electric	Overhead Transformers & Devices	Overhead Transformers & Devices	\$	215,000	\$	215,000	\$	215,000	\$	215,000	\$	215,000	\$ 1,075,	000	
4/	Electric	Poles & Fixtures	Poles & Fixtures	S	125,000	\$	125,000	\$	125,000	\$	125,000		125,000	\$ 625,		
48	Electric	Pole Line Hardware	Pole Line Hardware	15	100,000	\$	100,000	\$	100,000	\$	100,000		100,000	\$ 500,		
49 50	Electric	Street Light Fixtures	LED Replacement Project	S	200,000	S	200,000	\$	200,000	\$	200,000	\$	200,000	\$ 1,000.		
	Electric	Fiber	Fiber	\$	50,000	S	50,000	S	50,000	\$	50,000	\$	50,000	\$ 250.	000	AMI network expansion and hardening
51 52	Electric	Substation	Glenburnie Battery Bank	-	50,000	Ψ	20,000	÷	00,000	S	35,000	-		\$ 35.	000	Replacement, installation, and commissioning of battery bank at Glenburnie Substation
		Substation	South East Substation	1000		\$ 10	0,000,000	12.11%		1999		1.199.2.5		\$10,000.		Add system capacity and reduce voltage drop
	Electric	Substation	Trent Rd Sub Transformer	+			2,000,000							\$ 2,000.	_	Replace Bank #2
54	Electric	Substation	Regulators	S	60,000		60,000	S	60,000	S	60.000	\$	60,000	\$ 300		Aged equipment
55	Electric		Regulators Controls	S	15,000	Ψ	00,000	Ψ	00,000	Ŷ				\$ 15	.000	Lewis farms obsolete controls
56	Electric	Substation	Telemetry	S	15,000		and the second					63.53.53		-		Cell Routers
57	Electric	Substation	Reclosure test set	\$	20,000										_	Replace obsolete equipment
58	Electric	Substation		\$	20,000	¢	20,000	¢	20,000	s	20,000	\$	20,000	-		Coordination and programing
59	Electric	Substation	Reclosure coordination Circuit Breakers	\$	28,000	\$	28,000	¢	28,000	\$	28,000	\$	28,000			Trent Rd main bus
60	Electric	54001411011	Vehicle Purchase	- 3	28,000	Þ	28,000	S	42,000	φ		S	42,000			Fleet attrition, TBD
	Electric	Motor Vehicles	Substation Alarm	S	20.000		11 - A - A - A - A - A - A - A - A - A -	φ	42,000			Ψ	42,000			Replace Station Entrance Alarm Systems
	Electric	Substation	Generation Control	S	100.000	\$	100,000	1	North States	1213133	C. L. S. S. S. S. S.	Sec. Sec. Sec.	S. G. Stores		-	System improvement ; repair / replace aging equipment
63	Electric	Other Equipment		\$	80,000	-	80,000	\$	80,000	s	80,000	\$	80,000			System improvement ; replace aging equipment
64	Electric	Substation	Protective Equipment OMS Integration w/Text	\$	30,000	\$	80,000	φ	00,000	Ψ	00,000	Ψ	00,000			Text messaging to customers thru IVR DataVoice add on
65	Electric	Other Equipment		\$	15,000	1000										Interface with new CIS
66	Electric	Other Equipment	OMS/MUNIS Integration		13,000	\$	264,500	100 B (40)		1.2.1.5	1000 A. 1000		1000	4	,	Update Electric EOC to better manage and emergency operations
67	Electric	Other Equipment	EOC Monitor and control	-		0	70.000								_	Replace Mobile 311 ; Datavoice add on
68	Electric	Other Equipment	Workforce Management	8	40,000	2	70,000			21.51.1161		1		-		SEL SCADA / Retire Survalent and high annual fees
69	Electric	Other Equipment	SCADA Conversion	- >	40,000		and the second second	S	15,000							Replace aging Fiber splice tester
70	Electric	Other Equipment	Replace OTDR	+		\$	40,000	Ψ	20,000	s	22,000		1.		,000	Enhancements to OMS
71	Electric	Other Equipment	DataVoice OMS Add on	-		\$	40,000	φ	20,000	\$	10,250				,250	
72	Electric	Other Equipment	Daupler IRMS	-		1		a statute of		5	6,000					Replace the building UPS batteries that are 7 years old
73	Electric	Other Equipment	UPS Batteries	-		¢	15 000			Þ	0,000					Replacing aging equipment Fusion Splicer
74	Electric	Other Equipment	Replace Fusion Splicer			\$	15,000			¢	42,000			-	,	Replace Control Supervisor Vehicle
75	Electric	Motor Vehicles	Superintendent Vehicle		75.000	6	70.000	6	70.000	5	42,000	¢	70,000		,	Migrate to hosted solution
76	Electric	Other Equipment	AMI Hosted Server	\$	75,000		70,000	3	70,000	3	24,750	\$	24,750			Replace aging AMI field tools; 2
77	Electric	Other Equipment	AMI Field Tool	\$	12,000	\$	24,750		24,750	>	24,750	\$	36,500			Fleet attrition, Replace O24
78	Electric	Motor Vehicles	UBO Passenger Vehicle	5	36,500			\$	36,500			\$	36,500	-		Fleet attrition, Replace 024
79	Electric	Motor Vehicles	UBO Pick up	\$	36,500	0	07.000	\$	36,500	12.010		\$	30,500	and the second se	/	Replace aging meter testing equipment
80	Electric	Other Equipment	Meter Test Board		10.000	15	27,000	6	10.000	¢	10.000	¢	10,000			AED's needed in entire fleet.
81	Electric	Other Equipment	AED	\$	10,000	-	10,000		10,000		10,000		10,000			AED'S necucu in churc neci.
82	Electric Total			\$	3,357,000	\$ 1	5,650,750	5	3,017,750	3	2,948,000	\$ 2	2,982,130	\$21,950	,230	Replace/repair 2nd floor windows on back side. New desk chairs Justification: Water leaks in during heav
83	Finance	Buildings, Structures, Improvements	Window replacement, heating, furnishings	\$	15,000				14-14					1 Contraction	,000	rain.
84	Finance	Buildings, Structures, Improvements	Bathroom upgrades, hall/office	\$	20.000									\$ 20	,000	2 upstairs bathrooms need cleaning and painting Justification: They are in need of a deep clean and upgrad

100 C				And the second second		Estimate	ed Cost			
		Project Type	Project Title	FY22	FY23	FY24	FY25	FY26	Total	Detailed Description-Justification
ne No. 85	Department Finance	Stormwater Improvements	Drainage issues in parking lot	\$ 9,000					\$ 9,000	Passageways are blocked due to deep standing water in 3 areas Justification: Staff/customers cannot pass safely from their cars to the building after a heavy rain.
1 3 1			Dether and Linguishes	\$ 3,000					\$ 3,000	2 downstairs bathrooms need cleaning and painting - Justification: They are in need of a deep clean and
86	Finance	Buildings, Structures, Improvements *Motor Vehicles	Bathroom Upgrades *Truck	\$ 25,000		1		Contractor and	\$ 25,000	Replacement of current warehouse truck
87	Finance	*Motor venicles	Security Cameras (incl. hardware						\$ 15,500	Currently the buildings do not have existing security cameras at Fort Totten & Kale Rd Justification:
88	Finance	Other Equipment	and software upgrades) -	\$ 15,500					\$ 13,500 \$ 87,500	Increase the safety of staff and secure the premises.
89	Finance Total			\$ 87,500	\$ -	\$ -	\$ -	5 -		Wildland Firefighting Skid Unit as part of our Wildland Urban Interface Program - Justification: Developmen
90	Fire	75190 Other Equipment	Wildland Firefighting Skid Unit	\$ 10,000					\$ 10,000	within the City Of New Bern are building residential properties close to or within wildland areas. This unit w allow us to access areas an apparatus cannot reach. We can begin mitigation while waiting on NC Forest Service to arrive on scene (NCFS response times can be long).
91	Fire	75410 Buildings, Structures, Improvemen	Temporary Fire Station	\$ 136,000					\$ 136,000	According to New Bern Fire Rescue's Strategic Plan, we will improve service delivery by determining the strategic location and design of fire service facilities. We are requesting a climate controlled metal building to house fire engine and move refurbished training classroom modular unit to house firefighters Justification: According to the NFPA, the fire department's suppression resources shall provide for the arrival of a second due Fire Engine Company within a 8-minute response time 90% of the time. Call volume has increased 30% and the area has seen a 35% growth in commercial property in 2020. To maintain a 8-minute response time ar ensure our citizens receive equitable service, the City of New Bern needs to place a temporary fire station in the Taberna/Carolina Colours response district while highway 70 construction occurs.
92	Fire	75410 Buildings, Structures, Improvemen	New Fire Station	\$ 60,000	\$ 1,776,000	\$ 140,000			\$ 1,976,000	According to New Bern Fire Rescue's Strategic Plan, we will improve service delivery by determining the strategic location and design of fire service facilities Justification: According to the NFPA, the fire department's suppression resources shall provide for the arrival of a Fire Engine Company within a 4-minute response time 90% of the time. Call volume has increased 30% and the area has seen a 35% growth in commercial property in 2019. To maintain a 4-minute response time and ensure our citizens receive equitable service, the City of New Bern needs to place a Fire Station and Engine Company in the proposed location on
93	Fire	Other Equipment	*Knox Box System	\$ 50,000					\$ 50,000	Replace existing Knox Box System used to enter commercial buildings with a key, thus reducing damage entering a building for investigation or mitigation Justification: Current System is outdated and no longer Storage facility for housing reserve apparatus and miscellaneous equipment - Justification: The storage facilit
94	Fire	75410 Buildings, Structures, Improvemen	Storage Building	\$ 75,000					\$ 75,000	will make it possible to store gear for recruit classes. It will provide an area for training in adverse weather
95	Fire	75210 Motor Vehicles	*Fire Service Vehicle	\$ 45,000					\$ 45,000	reduces wear and tear on larger fire apparatus and provides a fuel cost savings as well.
96	Fire	75190 Other Equipment	*Thermal Imaging Cameras	\$ 20,000					\$ 20,000	Two (2) new thermal imaging cameras as part of our ongoing rotation program to ensure firefighters are equipped with the necessary equipment in emergency incidents in which normal visibility is reduced. The estimated useful life expectancy is 10-15 years Justification: Thermal imaging technology assists firefighters with many aspects of their job. These include: size-up to identify the location of a fire from the exterior which helps in developing a mitigation plan, enables the fire attack team to immediately direct water to the seat of the fire, and improves the efforts of search and rescue crews in locating lost citizens. Current thermal cameras are over 15 years old and need to be replaced due to technology upgrades/changes.
97	Fire		Fire Engine Refurbishment	\$ 300,000					\$ 300,000	Refurbish existing Reserve Engine to enable use as a first out engine in new fire station Justification: Eng is 20 years old and used as a reserve apparatus. Refurbishing the apparatus will bring apparatus into compliance and provide a reliable fire engine for another ten years. Harvest/Refurbishing of 2007 pumper quint. Process removes pump, ladder, body and equipment and places
98	Fire	75210 Motor Vehicles	Pumper/Quint Harvest Refurbishment	\$ 500,000					\$ 500,000	new cab/chassis. Cost is 2/3 of a new one Justification: Apparatus was flooded during Hurricane Florence and has been out-of-service on many occasions due to flood related repairs. Harvest/refurbishment will prov
99	Fire	75210 Motor Vehicles	Fire Marshal's Vehicle		\$ 45,000				\$ 45,000	 Fire Marshal/K9 vehicle - Justification: Truck is 15 years old and used for multiple fire prevention activities (i.e. Investigations, K9 work, education and code enforcement). Maintenance and repair costs continue to rin The projected estimated costs for current necessary repairs are estimated at \$1,500.00.

				-	and the states				Estimate	ed Co	st			and in		
Line No.	Department	Project Type	Project Title	T	FY22	FY23		I	FY24		FY25	F	Y26	1	Fotal	Detailed Description-Justification
	Fire	75190 Other Equipment	Extrication Equipment			\$ 49	,000							\$	49,000	Extrication equipment for removing victims from vehicles and entrapment which would be placed at Elizabeth Ave. Station on Engine 3. All other extrication tools would then be rotated onto other apparatus until no longer serviceable or replacements parts are unavailable Justification: Our current set of extrication equipment is over 15 years old which includes a pump motor that loses compression and power. Repair costs run approximately \$700 annually. Doctors emphasize the importance of the "Golden Hour," which starts at the time of an incident and ends when the person receives care from the hospital. Updated extrication tools will enable us to provide faster and more efficient medical care than we currently do today.
101	Fire	75190 Other Equipment	Self Contained Breathing Apparatus			\$ 35	,000							\$	35,000	Self Contained Breathing Apparatus (SCBA) used for entering IDLH atmospheres Justification: SCBA is the firefighter's number one safety device and are used daily to protect them from hazardous conditions. The units are needed due to department growth and wear on older units.
102	Fire	75190 Other Equipment	SCBA Compressor			\$ 85	,000							\$	85,000	Breathing air system to compress, store and deliver breathing air for filling SCBA - Justification: NFPA and OSHA standards specify minimum requirements for breathing air quality for emergency services organizations that provide personnel with respiratory protection devices. Compressor was purchased in 2003, costing over \$4000 annually to maintain. According to OSHA/NFPA, the unit is coming to end of life as a front line
103	Fire	75190 Other Equipment	Station Cameras			\$ 45	,000							\$	45,000	Security cameras for all fire stations - Justification: Current cameras are at end of life and need to be replaced. IT is recommending we purchase cameras that are compatible with rest of city.
104	Fire	75210 Motor Vehicles	Fire Service Vehicle					\$	45,000					\$	45,000	Service Vehicle - Justification: Maintenance and repair costs continue to rise. The projected estimated costs for current necessary repairs are estimated at \$3,500.00. Utilization of this vehicle reduces wear and tear on larger fire apparatus and provides a fuel cost savings as well.
105	Fire	75190 Other Equipment	Boat Motors					\$	50,000					\$	50,000	Replace motors on our marine firefighting/rescue boat - Justification: Boat motors have over 1,000 hours and needs to be reliable during emergency situations.
106	Fire	75210 Motor Vehicles	Rescue Support Truck					\$	480,000					\$	480,000	Rescue/Support Vehicle - Justification: Truck-1 has been in service for 29 years and has excessive miles and hours. Repairs and maintenance in the last 12 months amounted to \$5,828.61. Due to its limited storage space, we now have to carry many of the rescue tools/equipment on pumpers. Changes in the fire service requires departments to carry massive amounts of equipment. This new apparatus will enable the Fire Department to have equipment/tools in a centralized location; thereby making operations more streamlined and efficient.
107	Fire	75210 Motor Vehicles	Rescue Support Truck Hauler							\$	120,000			s	120,000	Rescue/Support Vehicle - Justification: Urban Search and rescue vehicle used to haul 45 foot trailer as part of the Task Force 10 team. Truck is over 25 years old and costs for repairs continue to rise. Recently had to replace the fuel tanks costing over \$4,000.
108	Fire	75210 Motor Vehicles	Training Van									\$	40,000	\$	40,000	Transport vehicle - Justification: Vehicle is ten years old and has been used for transporting multiple personnel to training exercises or mutual aid deployment. Unit needs to be reliable and safe.
109	Fire	75190 Other Equipment	Extrication Equipment									s	49,000	s	49,000	Extrication equipment for removing victims from vehicles and entrapment. All other extrication tools would then be rotated onto other apparatus until no longer serviceable or replacements parts are unavailable Justification: Our current set of extrication equipment is over 15 years old which includes a pump motor that loses compression and power. Repair costs run approximately \$700 annually. Doctors emphasize the importance of the "Golden Hour," which starts at the time of an incident and ends when the person receives care from the hospital. Updated extrication tools will enable us to provide faster and more efficient medical
110	Fire Total			-	1,196,000	\$ 2,03	5,000	\$	715,000	\$	120,000	\$	89,000	-	,155,000	Boats, paddles, electric motors, lifejackets Justification: To begin the rental program at Martin Marietta Park
111	Parks & Recreation	Other Equipment	*Canoes/Kayaks/Jon boats	\$	10,000				50.000	-	50.000	6	50,000	\$	10,000	Boats, paddles, electric motors, lifejackets Justification: To begin the rental program at Martin
112	Parks & Recreation	Motor Vehicles	*Replacement Trucks	\$	100,000	*	0,000	\$	50,000	5	50,000 30,000	2	50,000	S	90,000	Mower Replacement Justification: To make sure equipment is up to date and not worn out from use.
113	Parks & Recreation	Other Equipment Other Equipment	*Mower Replacement *Midsize utility vehicle (Kubota)	5	12,500	\$ 3	,000			\$	50,000			S	12,500	Utility vehicle Justification: To assist with patrolling Martin Marietta Park, special events, & MLK Mowing
114 115	Parks & Recreation Parks & Recreation	Buildings, Structures, Improvements	Martin Marietta Park	\$	450,000			\$	450,000	1				\$	900,000	Amphitheatre Amenities, Skatepark, Dog Park, Ropes Course Justification: 2nd Phase of work on Martin Marietta Park.
116	Parks & Recreation	Other Structures & Improvements	*Glenburnie Park Paving Project	\$	100,000								-	\$	100,000	To repaye entrance road and re-gravel other roads and parking lots Justification: The existing asphalt is worn out and needs to be replaced.
117	Parks & Recreation	Sidewalk & Curb Improvements	*Union Point Park Upgrades	\$	60,000	\$ 6	0,000	a de la				-		\$	120,000	Sidewalk extensions, Angled parking, new electrical for events Justification: Union Point Park is heavily used and needs upgrades to handle park use.
118	Parks & Recreation	Buildings, Structures, Improvements	*Park Shelters	\$	65,000	\$ 6	5,000	\$	35,000	\$	35,000	\$	35,000	\$	235,000	Park shelters for Monk Mallard Park, Fort Totten Park Justification: Add new park amenities in heavily used
119	Parks & Recreation	IT Equipment	*Security Cameras in Parks	\$	20,000	\$ 1	5,000							\$	35,000	Seth West Parrot Park, Pleasant Hill Park, Riverwalk Justification: For additional security in parks and to help with vandalism.

Updated 4/13/2021

				No.					Estimate	ed Cos	st			NAME OF		
Line No.	Department	Project Type	Project Title		FY22	FY	(23	F	Y24	Contraction of the	FY25	FY2	6]	Fotal	Detailed Description-Justification
Construction of the Constr	Parks & Recreation	Other Equipment	*12' Batwing mower	S	13,500									\$	13,500	Double Wing Brush Mower - Justification: To mow and brush cut large areas.
	Parks & Recreation	Other Equipment	Tractor Mount Blower	\$	6,500		1.1.1.1.1	27 P. 15				CONTRACTOR OF		\$		Blower attachment for Tractor Justification: for effective debris removal in large areas.
121	Parks & Recreation	Other Equipment	*Dump Trailer	\$	10,000									\$	10,000	Dump Trailer Justification: To haul mulch, stone, and debris.
122			a la service de la service			1.1	1.1.1.1.1.1.1		1997	S. A.			11	s	7,500	To store equipment for construction projects Justification: The existing tractor and front end loader that has
123	Parks & Recreation	Other Equipment	Construction Trailer	\$	7,500	1.20						2.4.2 3.4 5		3		constant problems.
				s	10.000	6	10,000	s	10,000					s	30,000	Score board for Fort Totten and Seth West Parrott Park Justification: To replace broken scoreboards at Fort
124	Parks & Recreation	Other Equipment	*Park Scoreboards (2)	3	10,000	3	10,000	3	10,000					3		Totten and Seth West Parrott Park.
			Demote Light Control System	s	12,500	a la la la la	1.						2.5	S	12,500	Remote lighting control system that coordinates ballfield lights and use Justification: For efficient ballfield
125	Parks & Recreation	Other Equipment	*Remote Light Control System	-		1.1.1.1					1. 1. 1. 1. 1.	Are late	- 16 C	1		lighting operations.
126	Parks & Recreation	Other Equipment	Christmas Tree addition	\$	10,000					1.1				-		Christmas Tree project Justification: To add 12' to the existing Christmas Tree.
127	Parks & Recreation	Buildings, Structures, Improvements	Park Upgrades	10			100,000	\$	100,000	See. Y	1111			\$	200,000	Henderson Park Upgrades Justification:
128	Parks & Recreation	Buildings, Structures, Improvements	Ball Field Lights Replacement			\$ 1	125,000	\$	125,000	\$	125,000	\$ 25	50,000	\$	625,000	Ball Field Lights Justification: All ballfield lights are in poor condition and replacements need to be
100	D. L. C. Descention	Land, Right-of-Way	Land Acquisition	1		Is 1	100.000							S		Proposed acquisition of adjacent land at Martin Marietta Park - Justification: For overflow parking and new
129	Parks & Recreation	Land, Right-ol-way	Land Acquisition				100,000	1.11		10.0				-		Parks and Grounds Maintenance facility.
130	Parks & Recreation	Other Equipment	Playground Amenities	1				\$	125,000	\$	50,000	\$:	50,000			Replacement of outdated playground amenities Justification: To replace aging playground equipment in
131	Parks & Recreation	Buildings, Structures, Improvements	Storage Building			\$	50,000	142					1.28	\$	50,000	For Grounds Maintenance, - Justification:
132	Parks & Recreation	Buildings, Structures, Improvements	New Restrooms @ Pierce Park	\$	45,000									\$	45,000	Pierce Park Restrooms - Justification: To upgrade existing restrooms to meet ADA Standards
133	Parks & Recreation	Motor Vehicles	*Replacement Van	\$	60,000	\$	60,000	\$	60,000	900		1.16.5				Van Replacement Justification: To replace outdated 15 passenger vans.
134	Parks & Recreation	Office Furniture & Equipment	Furniture	\$	8,500									\$	8,500	Furniture and Equipment Justification: For new Pleasant Hill Community Center.
135	Parks & Recreation Total			\$	1,031,000	5 (665,000	\$	955,000	\$	290,000	\$ 3	85,000	\$ 3	,326,000	The second s
																The purchase of new vehicles will replace aging vehicles within the fleet. The total price includes the cost of
			*FY21-22 Police Cruisers (10													the vehicle and the purchase and installation of emergency equipment to include lights, vault (cargo box),
			requested by Department @													siren, in-car cameras, radios, and graphics Justification: The Police Department utilizes a fleet vehicle
136	Police	Motor Vehicles	\$534,378, 8 recommended by City	\$	427,504	\$:	561,096	\$	589,150	\$	618,607	\$ 6	49,537	\$ 2	,845,894	replacement plan to identify vehicles that need to be replaced. The plan uses factors such as maintenance cost, vehicle age, condition, and mileage to determine the vehicles to replace. The plan has at least (10) vehicles that
			Manager @ \$427,504)													should be replaced during this fiscal year. If this project is delayed, the Police Department will fall behind on
			Wallager (2, 5427, 504)													should be replaced during this fiscal year. If this project is delayed, the Police Department will fail before only a provide service to citizens and could impact the Department's ability to provide service to citizens and could
														-	10 D. 10	The purchase of a non-police cruiser will replace aged vehicle assigned to Services Division driven by civilian
				1												personnel Justification: The Police Department utilizes a fleet vehicle replacement plan to identify vehicles
										2.0		1. All the				that need to be replaced. The plan uses factors such as maintenance cost, vehicle age, condition, and mileage to
137	Police	Motor Vehicles	FY21-22 Non-police Cruiser	S	40.000	S	42,000	S	44,100	S	46,305	S	48,620	5	221,025	determine the vehicles to replace. If this project is delayed, the Police Department will fall behind on replacing
137	Fonce	Without Venicies	1121 22 Non ponee cruiser	1												older vehicles which could impact the Department's ability to provide service to citizens and could potentially
		a starting to be and a starting to				1 test		1.6				A. See				
Mar in					136.46	12.20	1.5.5.1.2		1. 1. 1. 1. 1. 1.			10000	100			impact officer safety. The purchase of building cameras is to replace the aging camera system. The total price includes the cost of the
																cameras and the installation of equipment. This system has reached end of life. Recommend upgrading system
																to the City Wide Camera Equipment called S2 provided by Ernul's Justification: The current building
																camera system is the original system installed when the building was opened. The camera system is vital to the
															(0.000	security of the building. The building camera system allows for the monitoring of arrestees, enhancing safety o
138	Police	Other Equipment	*FY21-22 Building Cameras	\$	60,000									\$	60,000	employees, and allows for the monitoring of stored evidence and property. The current building camera system
																is outdated and is operating on a platform that is no longer supported. Failure to fund or failure of the system
																would cause major security concerns to include the safety of officers and other employees working in the
																building. Recommend upgrading system to the City Wide Camera Equipment called S2 provided by Ernul's.
				-				-		-			1			The Police Department will purchase the BWC and Taser equipment for 60 officers Justification: In today's
2451																The Police Department will purchase the BWC and Taser equipment for 60 officers Justification. In foury's law enforcement climate, police agencies need to work with the community and remain transparent. With the
			*FY21-22 New BWC and Taser								114.400		14.400		(17 000	addition of body-worn cameras, information gathered from cameras can be used for gathering evidence and to
139	Police	Other Equipment	Technology	\$	190,000	\$	114,480	5	114,480	5	114,480	5 1	14,480	5	647,920	addition of body-worn cameras, information gathered from cameras can be used for gathering evidence and to provide clarity during citizen encounters. The New Bern Police Department does not have a body-worn
			reemology					-1 -1		1		1.1				
					and the second	100	1.2.6%	100	1	1 23.9	per to dra u		2.21	1	199	camera program implemented.

						10.00 M	Estimated	d Cost			
	Desentement	Project Type	Project Title	FY22	FY23	F	Y24	FY25	FY26	Total	Detailed Description-Justification
<u>ine No</u> 140	Department Police	Buildings, Structures, Improvements	FY21-22 Police Department Parking Extension				145,495			\$ 565,865	seized vehicles here. We would be able to charge a storage fee to the owners of the vehicles that is currently being paid to E&J Automotive. This would be a new source of revenue for the City. Once we are able to purchase this building, we would be able to remodel this so that is could be utilized as a training facility.
141	Police	Substation	FY21-22 Emergency Services Complex - East Option 1 (PD & Fire Substation)	\$ 40,000) \$ 225,000	0 \$	231,500	\$ 576,000	\$ 576,00	0 \$ 1,648,500	The project is to provide both the police and fire departments with greater work space to accommodate city growth. The additional work area will reduce response time for the police department and the need to travel to and from the main station on George Street. The addition of Substation East would provide community members in the most eastern part of the city with convenient, timely police and fire services while maximizing both department's to respond to emergency and non-emergency calls for service in that area of the city Justification: The city is experiencing rapid growth on both ends of the city, to the east and west. Currently calls for service to the most eastern parts of the city have a greater response time based on deployment and travel times. With the pending construction and growth on the US 70 East corridor, the response time is expected to increase. The addition of a substation on the eastern part of the city will provide the opportunity for the community to experience the level of service expected of the city to respond to both emergency and nonemergency calls for service alls for service alls for service as the pending construction and growth on the US 70 East corridor, the response time is expected to increase. The addition of a substation on the eastern part of the city will provide the opportunity for the community to experience the level of service expected of the city to respond to both emergency and nonemergency calls for service by reducing response time.
142	Police	Substation	FY21-22 Emergency Services Complex - East Option 2 (PD Substation Only)		\$ 154,50	0 \$	65,000	\$ 250,000	\$ 349,00	0 \$ 818,50	The project is to provide both the police and fire departments with greater work space to accommodate city growth. The additional work area will reduce response time for the police department and the need to travel to and from the main station on George Street. The addition of Substation East would provide community members in the most eastern part of the city with convenient, timely police and fire services while maximizing both department's to respond to emergency and non-emergency calls for service in that area of the city Justification: The city is experiencing rapid growth on both ends of the city, to the east and west. Currently calls for service to the most eastern parts of the city have a greater response time based on deployment and travel times. With the pending construction and growth on the US 70 East corridor, the response time is expected to increase. The addition of a substation on the eastern part of the city to respond to both emergency and none to be the city will provide the opportunity for the community to experience the level of service expected of the city will provide the opportunity for the community to experience the level of service expected of the city to respond to both emergency and nonemergency calls for service by reducing response time.
143	Police	Other Equipment	FY21-22 Portable Radio Purchase		\$ 64,10	4 \$	66,668	\$ 69,335	\$ 72,10	8 \$ 272,21	for 2021/2022. Place purchase of portable radios on a replacement cycle - spread out over next 4 years (4%
144	Police	Motor Vehicles	Parking Control Vehicle					\$ 17,000			Parking Control Vehicle that utilizes a gasoline combustion engine for reliability and longevity. A small compact vehicle such as a Chevrolet Spark Justification: The electric parking control vehicle currently in use has been highly unreliable and requires expensive maintenance. The costs for batteries is going to exceed \$2,000 every two years on top of the already unreliable nature of the vehicle for other issues. A gasoline engine vehicle would come with a longer warranty and much higher reliability.
145	Police Total			\$ 925,99			1,256,393	\$ 1,873,777	\$ 1,809,74	15 \$ 7,096,91	
146	Public Works	Equipment	Lift Upgrade-Alignments		\$ 40,00	_				\$ 40,00	
147	Public Works	Equipment	*Vehicle Lift- Replacement	\$ 20,00		\$	15,000			\$ 35,00	
148	Public Works	Equipment	Flatbed Truck		\$ 60,00	00				\$ 60,00 \$ 100,00	
149	Public Works	Equipment	*Tandem Dump Truck	\$ 100,00						\$ 100,00 \$ 150,00	
150	Public Works	Equipment	*Small Paving Machine	\$ 150,00		0				\$ 150,00	
151	Public Works	Equipment	Tractor Trailer		\$ 75,00	\$	70,000			\$ 70,00	
152	Public Works	Equipment	Flatbed Truck	\$ 45.00	0	5	45.000		\$ 450	00 \$ 135,00	
153	Public Works	Equipment	*Traffic Control Boxes	\$ 45,00	\$ 140,00	0	45,000		45,0	\$ 140.00	
154	Public Works	Equipment	Sideboy Mower Leaf Vacuum Truck		\$ 140,00			\$ 400,000		\$ 400,00	
	Public Works	Equipment				-		100,000		00 \$ 275,00	
	D. 1.1' . Weaks	Equipment	Loaded						3 215.0	0 5 215.00	0
	Public Works Public Works	Equipment Equipment	Loaded *Backhoe	\$ 80.00	0			A CONTRACT	\$ 273,0	\$ 80,00	

STATISTICS.					State States	SAL 42			Estimate	d Cost	and for an and so the	La series			
ine No.	Department	Project Type	Project Title		FY22	T	FY23	FY		ALC: NO DECIDENT	Y25	FY26		Total	Detailed Description-Justification
Second and the second	Public Works	Vehicle	*Service Vehicle	S	30,000							-		\$ 30,00	0
the second second	Public Works	Vehicle	Service Vehicle	-		\$	40,000							\$ 40,00	0
	Public Works	Vehicle	Service Vehicle	F. State	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$	45,000		20.65	1.18 - 1				\$ 45,00	0
17. The second	Public Works	Vehicle	Service Vehicle					\$ 4	45,000					\$ 45,00	0
	Public Works	Buildings, Structures, Improvements	*Elevator at City Hall	\$	3,000,000			8 . B. C.					a a f	\$ 3,000,00	0
and the second second second	Public Works	Vehicle	*Service Vehicle	\$	40,000									\$ 40,00	0
	Public Works	Vehicle	Service Vehicle	1		\$	40,000		Seal Seal					\$ 40,00	
	Public Works	Vehicle	Service Vehicle					\$ 4	40,000					\$ 40,00	
	Public Works	Vehicle	Service Vehicle							\$	40,000			\$ 40,00	T Contraction of the second
168	Public Works	Vehicle	Service Vehicle							_		\$ 40	,000	-	
169	Public Works	Vehicle	Service Vehicle			\$	40,000	ALL SALES						\$ 40,00	
170	Public Works	Vehicle	Service Vehicle							\$	40,000			\$ 40,00	
171	Public Works	Sidewalk Improvements	*Sidewalk Improvements	\$	250,000			1.1.1.1.1	1.1.1.1		1.1.1.57	all and the		\$ 250,00	
172	Public Works	Trent Road Widening Project (Design)	Trent Road Widening Project (Design	n \$	200,000									\$ 200,00	
173	Public Works Total			\$	4,165,000	\$	480,000	\$ 2	15,000	\$	480,000	\$ 360	Contraction of the local division of the loc	\$ 5,700,00	
174	Solid Waste	Equipment	Route Truck	\$	180,000									\$ 180,00	
	Solid Waste	Equipment	Route Truck	100	and the second			\$ 1	80,000	an de ser	and the second	St. Start		\$ 180,00	
176	Solid Waste	Equipment	Route Truck									\$ 180),000	\$ 180,00	0
	Solid Waste	Equipment	Excavator	1.5		\$	250,000	1220.78	1 m 1			States - St		\$ 250,00	0
	Solid Waste	Equipment	Chip Trailer			\$	50,000							\$ 50,00	0
	Solid Waste	Equipment	Stump Sheer	\$	14,000			1.11.1	1000			1. 1. 1. 1.		\$ 14,00	0
180	Solid Waste	Vehicle	Service Vehicle			\$	40,000							\$ 40,00	0
181	Solid Waste Total			\$	194,000	\$	340,000	\$ 1	80,000	\$		\$ 180	0,000	\$ 894,00	0
182	Water Resources	75210 Motor Vehicles	Pickup, Replace Q-5			\$	35,000							\$ 35,00	replacement when they have been in service for 12 years of 150,000 miles.
183	Water Resources	75210 Motor Vehicles	Pickup, Replace Q-4							\$	35,000			\$ 35,00	Pickup Replace 0.4 - Justification: To maintain the efficiency of the utilities fleet, vehicles are scheduled for
184	Water Resources	75210 Motor Vehicles	Pickup, Replace Q-13	s	35,000									\$ 35.00	Pickup, Replace Q-13 - Justification: To maintain the efficiency of the utilities fleet, vehicles are scheduled for
104	water Resources	75210 Wotor venicies	Tiekup, Replace Q-15	-		-									 replacement when they have been in service for 12 years or 150,000 miles. Mower, Replacement - Justification: Replacement of equipment that has passed its anticipated useful service
185	Water Resources	75190 Other Equipment	Mower, Replacement					\$	15,000					\$ 15,00	Mower, Replacement - Justification: Replacement of equipment that has passed its anticipated useral service life and is in poor condition. Delaying scheduled replacements increases the likelihood of equipment malfunction, leading to maintenance delays and costly repairs.
186	Water Resources	75190 Other Equipment	OSU, Replacement							\$	15,000			\$ 15,0	OSU, Replacement - Justification: Onsite utility vehicles are utilized by plant staff to materials and supplies throughout the treatment plants in locations where standard pickups cannot access
187	Water Resources	75210 Motor Vehicles	Pickup, Replace R-36	\$	35,000)								\$ 35,0	Ireplacement when they have been in service for 12 years or 150,000 miles.
188	Water Resources	75210 Motor Vehicles	Pickup, Replace R-53					\$	35,000					\$ 35,0	replacement when they have been in service for 12 years of 150,000 miles.
189	Water Resources	75210 Motor Vehicles	Pickup, Replace R-51					\$	35,000				i an an so	\$ 35,0	replacement when they have been in service for 12 years or 150,000 miles.
190	Water Resources	75210 Motor Vehicles	Pickup, Replace R-25							\$	35,000			\$ 35,0	replacement when they have been in service for 12 years or 150,000 miles.
191	Water Resources	75210 Motor Vehicles	Pickup, Replace R-28							\$	35,000			\$ 35,0	replacement when they have been in service for 12 years or 150,000 miles.
192	Water Resources	75210 Motor Vehicles	Pickup, Replace R-37							\$	35,000			\$ 35,0	replacement when they have been in service for 12 years or 150,000 miles.
193	Water Resources	Vehicle	Dump Truck, Replace R-16					\$	75,000	-		our a	and a	\$ 75,0	Dump Truck, Replace R-16 - Justification: Replacement of equipment that has passed its anticipated useful Dump Truck, Replace R-16 - Justification: Replacement of equipment that has passed its anticipated useful malfunction, leading to maintenance delays and costly repairs.
194	Water Resources	Vehicle	Dump Truck, Replace R-22							\$	75,000			\$ 75,0	Dump Truck, Replace R-22 - Justification: Replacement of equipment that has passed its anticipated useful service life and is in poor condition. Delaying scheduled replacements increases the likelihood of equipment malfunction, leading to maintenance delays and costly repairs.

Salating State	Department	Project Type		C. C. C.	Estimated Cost						ost						
Line No			Project Title	F	Y22	FY23	3	FY	/24		FY25	FY26	1	fotal	Detailed Description-Justification		
	Water Resources	75190 Other Equipment	Backhoe, Replace R-38			\$ 85	5,000						\$	85,000	Backhoe, Replace R-38 - Justification: Replacement of equipment that has passed its anticipated useful service life and is in poor condition. Delaying scheduled replacements increases the likelihood of equipment malfunction, leading to maintenance delays and costly repairs.		
196	Water Resources	75190 Other Equipment	Backhoe, Replace R-34				:	\$	85,000				\$	85,000	Backhoe, Replace R-34 - Justification: Replacement of equipment that has passed its anticipated useful service life and is in poor condition. Delaying scheduled replacements increases the likelihood of equipment malfunction, leading to maintenance delays and costly repairs. Backhoe, Replace R-70 - Justification: Replacement of equipment that has passed its anticipated useful service		
197	Water Resources	75190 Other Equipment	Backhoe, Replace R-70							\$	85,000		\$	85,000	Backhoe, Replace R-70 - Justification: Replacement of equipment that has passed its anterpaced user its entrepaced user its anterpaced user its an		
198	Water Resources	75540 Water Improvements	Various Water System Improvements	s \$	250,000	\$ 250	0,000	\$	250,000	\$	250,000	\$ 250,000	\$ 1	,250,000	sized modern piping and replace the associated customer services along these mains. Upsizing these water mains will also allow for the addition of fire hydrants into the system, which will enhance the Fire Departments ability to fight fires within these areas Justification: The infrastructure that will be replaced under this project has long past it's useful anticipated service life and is currently showing varying degrees of deterioration. Delaying the replacement of this infrastructure will lead to increased maintenance costs and a decreased level for the average within the project areas.		
199	Water Resources	75540 Water Improvements	West New Bern Water Improvements	\$ 3	3,500,000								\$ 3	500 000	This project will involve distribution system and capacity improvements to the western portion of the City's water system. The project will connect the two large, dead-end water mains that currently exist on Highway 17 S and Highway 43 N Justification: As development continues to expand and grow along Highway 17 and Highway 43 this project will be need to maintain adequate system pressure and meet fire flow requirements within these corridors.		
200	Water Resources	75210 Motor Vehicles	Service Van, Replace T-13	\$	32,000								\$	32,000	Service Van, Replace T-13 - Justification: To maintain the efficiency of the utilities fleet, vehicles are scheduled for replacement when they have been in service for 12 years or 150,000 miles. Pickup, Replace T-20 - Justification: To maintain the efficiency of the utilities fleet, vehicles are scheduled for		
201	Water Resources	75210 Motor Vehicles	Pickup, Replace T-20	\$	25,000								\$	25,000	replacement when they have been in service for 12 years or 150,000 miles.		
202	Water Resources	75210 Motor Vehicles	Pickup, Replace T-15			\$ 3	5,000						\$	35,000	Pickup, Replace T-15 - Justification: To maintain the efficiency of the utilities fleet, vehicles are scheduled for replacement when they have been in service for 12 years or 150,000 miles.		
203	Water Resources	75190 Other Equipment	OSU, Replacement	130	Sec. St.	\$ 1	2,000						\$	12,000	OSU, Replacement - Justification: Onsite utility vehicles are utilized by plant staff to materials and supplies throughout the treatment plants in locations where standard pickups cannot access		
204	Water Resources	75190 Other Equipment	WWTP Grit Auger Replacement	s	18,000								\$	18,000	WWTP Grit Auger - Justification: Replacement of equipment that has passed its anticipated useful service life and is in poor condition. Delaying scheduled replacements increases the likelihood of equipment malfunction leading to maintenance delays and costly repairs.		
205	Water Resources	75190 Other Equipment	NB7 Influent Structure Repair	\$	38,000								\$	38,000	NB7 Influent Structure Repair - Justification: Repair of concrete structure that has passed its anticipated useful service life and is in poor condition. Delaying scheduled repair increases the likelihood of equipment malfunction, leading to maintenance delays and costly repairs.		
206	Water Resources	75210 Motor Vehicles	Pickup, Replace S-16			\$ 3	35,000						\$	35,000			
207	Water Resources	75210 Motor Vehicles	Pickup, Replace S-60					\$	35,000				\$	35,000			
208	Water Resources	75210 Motor Vehicles	Pickup, Replace S-21					\$	35,000				\$	35,000	Pickup, Replace S-21 - Justification: To maintain the efficiency of the utilities fleet, vehicles are scheduled for replacement when they have been in service for 12 years or 150,000 miles.		
200	Water Resources	75210 Motor Vehicles	Pickup, Replace S-14							\$	35,000		\$	35,000			
210	Water Resources	75190 Other Equipment	Vactruck, Replace S-13	\$	440,000								\$	440,000	Vactruck, Replace S-20 - Justification: This equipment is utilized daily by the sewer maintenance crews for cleaning and flushing of the City's sanitary sewer system Delaying scheduled replacements increases the likelihood of equipment malfunction, leading to maintenance delays and costly repairs of both the Vac-truck and the court system.		
211	Water Resources	75190 Other Equipment	Sewer Camera System Upgrade	\$	100,000		-	and the second se					\$	100,000	And the seven system. Replacement for existing sewer camera - Justification: This equipment is utilized daily by the sewer maintenance crews for inspecting the gravity sewer system for issues. Bypass system for Vac-Sewer stations - Justification: This bypass is needed for upcoming rehabilitation work		
212	Water Resources	75190 Other Equipment	Vac-Station Bypass System	\$	100,000								\$	100,000	Bypass system for Vac-Sewer stations - Justification: This bypass is needed for upcoming rehabilitation work at the vac-stations and can be used as an emergency vacuum supply if needed.		

					and the second			See Start	Estimate	d Cost		and the second	ale ser	to be the state	
line No.	Department	Project Type	Project Title		FY22	I	FY23	F	Y24	FY	Y25	FY2	j	Total	Detailed Description-Justification
	Water Resources	75190 Other Equipment	Commercial Pressure Washer	\$	15,000									\$ 15,000	Replacement for existing pressure washer - Justification: Replacement of equipment that has passed its anticipated useful service life and is in poor condition. Delaying scheduled replacements increases the likelihood of equipment malfunction, leading to maintenance delays and costly repairs.
214	Water Resources	75190 Other Equipment	Sewer System Flow Monitors	\$	15,000									\$ 15,000	Sewer system flow monitors Justification: Remote flow monitors that will be utilized in the City's I&I reduction program.
215	Water Resources	75190 Other Equipment	NB7 Lagoon Drive and Site Improvements	\$	85,000									\$ 85,000	Site and driveway improvements at the NB7 facility Justification: Regrading and paving the access drive and heavy traffic areas at the NB7 facility.
216	Water Resources	75190 Other Equipment	Vactruck, Replace S-19			\$	405,000							\$ 405,000	Vactruck, Replace S-19 - Justification: This equipment is utilized daily by the sewer maintenance crews for cleaning and flushing of the City's sanitary sewer system Delaying scheduled replacements increases the likelihood of equipment malfunction, leading to maintenance delays and costly repairs of both the Vac-truck and the sewer system.
217	Water Resources	Vehicle	Dump Truck, Replace S-3			\$	75,000				7.11				Dump Truck, Replace S-3 - Justification: Replacement of equipment that has passed its anticipated useful service life and is in poor condition. Delaying scheduled replacements increases the likelihood of equipment malfunction, leading to maintenance delays and costly repairs.
218	Water Resources	Vehicle	Dump Truck, Replace S-7			\$	75,000							\$ 75,000	Dump Truck, Replace S-7 - Justification: Replacement of equipment that has passed its anticipated useful service life and is in poor condition. Delaying scheduled replacements increases the likelihood of equipment malfunction, leading to maintenance delays and costly repairs.
219	Water Resources	75190 Other Equipment	200KW Generator, Replace S-44			\$	75,000							\$ 75,000	200KW Generator, Replace S-34 - Justification: Equipment is needed to ensure sanitary sewer service is maintained in the event of a power outage.
220	Water Resources	75530 Sewer Improvements	Various Sewer System Improvements	\$	450,000	\$	450,000	\$	450,000	\$	450,000	\$ 45	0,000	\$ 2,250,000	The existing sewer infrastructure in the areas impacted by this project are below the minimum State standards in both design and composition. The proposed project will replace the existing undersized 6" clay collection system with appropriately sized modern piping and replace the associated customer services along these mains Justification: The infrastructure that will be replaced under this project has long past it's useful anticipated service life and is currently showing varying degrees of deterioration. Delaying the replacement of this infrastructure will lead to increased maintenance costs and a decreased level of service to the customers within
221	Water Resources	75533 Lift Station Rehabilitation	Lift Station Rehab	\$	250,000	\$	250,000	\$	250,000	\$	250,000	\$ 25	0,000		The proposed project will replace the existing pumps, control panels, telemetry systems, piping and valves. In addition, at each station the interior of the concrete wet well will be coated to protect the concrete structure from further deterioration. The new components should have an anticipated service life of 20-25 years Justification: The components within these stations have long past their anticipated service life and are severely deteriorated due to the corrosive environment within the lift stations. Delaying the replacement of this infrastructure will lead to increased maintenance costs and the potential for sanitary sewer overflows due to pump station failure.
222	Water Resources Total			\$	5,388,000	\$	1,782,000	\$ 1	1,265,000	\$ 1.	,300,000	\$ 9	50,000	\$10,685,000	
Contractor building	Grand Total			e	16.645.494		And Addresses Automation		7.794.143	\$ 7	199,777	\$ 68	6.495	\$61,045,669	

* Astrik and red line numbers represent City Manager recommendation for potential 2021-2022 funding for General Fund

Total General Fund Requested Capital Projects for FY 2021-2022\$ 7,706,494Total General Fund Recommended Capital Projects for FY 2021-2022 Funding\$ 5,331,004