

Capital Improvement Plan

2020 *thru* 2024

City of Corpus Christi, Texas

Project # 18180T
Project Name Fire St.1 Emergency Generator

Type Equipment
Useful Life 25 years
Category Building Rehabilitation
Department Fire Department
Contact Fire Chief
Priority 2 Critical- Asset Condition

Status Active



Description

Replace and upgrade the current stand-by electrical generator system in order to include additional building loads such as HVAC at Fire Station 1. The existing stand-by generator is not of sufficient size to provide emergency power to all preferred loads within the fire station. This includes the HVAC system. Note: The existing unit which still works and has considerable remaining service life, would be relocated to Station 5/ Hazmat Central to replace its non-functioning generator.

Justification

The ambulances carry medications need to be in an air-cooled environment or the medications will be ruined. These ambulances need to be plugged into electrical source while unit is in the station. These supplies along with other medical supplies are also keep inside the station in the storage lockers.

Expenditures	2020	2021	2022	2023	2024	Total
Construction/Rehab		87,479				87,479
Inspection		2,638				2,638
Engineering Svc		2,000				2,000
Admin Reimbursement		1,000				1,000
Total		93,117				93,117

Funding Sources	2020	2021	2022	2023	2024	Total
G.O. Bond 2018		93,117				93,117
Total		93,117				93,117

Budget Impact/Other

There is no projected operational impact with this project at this time. Current maintenance budget will be utilized to service new unit.

Capital Improvement Plan
City of Corpus Christi, Texas

2020 *thru* 2024

Project # 18180F
Project Name Fire St.5 Emergency Generator



Type Equipment
Useful Life 25 years
Category Capital Equipment/System
Department Fire Department
Contact Fire Chief
Priority 1 Critical-Health & Safety

Status Active

Description

The existing stand-by electrical generator from Fire Station 1 which still works and has considerable remaining service life will be referbished and relocated to Fire Station 5. The fire stations are 24/7/365 facilities that firefighters respond from. Ambulances and fire trucks require to be connected to electrical power while the engine is not running inside the stations. The ambulances must be plugged in to run the unit due to the storage of medications on the unit. The stations need to be connected to emergency power to maintain adequate temperatures inside the stations for medical supplies and the proper rehabilitation of firefighters between emergency calls. Fire stations also become hubs for other city employees, PD and utilities, during disasters and other emergency situations.

Justification

Maintain the Fire Station to provide an adequate facility with the proper power needed to house firefighters, equipment, and medical supplies in order to provide the necessary emergency response to the citizens and public while there is no electrical power at the fire station. The ambulances carry medications need to be in an air-cooled environment or the medications will be ruined. These supplies along with other medical supplies are also keep inside the station in the storage lockers.

Expenditures	2020	2021	2022	2023	2024	Total
Construction/Rehab		16,728				16,728
Inspection		1,250				1,250
Engineering Svc		500				500
Total		18,478				18,478

Funding Sources	2020	2021	2022	2023	2024	Total
G.O. Bond 2018		18,478				18,478
Total		18,478				18,478

Budget Impact/Other

There is no projected operational impact with this project at this time. Current maintenance budget will be utilized to service new unit.

Capital Improvement Plan

2020 *thru* 2024

City of Corpus Christi, Texas

Project # 18180H
Project Name Fire St.7 Emergency Generator



Type Equipment
Useful Life 25 years
Category Capital Equipment/System
Department Fire Department
Contact Fire Chief
Priority 1 Critical-Health & Safety

Status Active

Description

Replacement and upgrade to the current stand-by electrical generator. The fire stations are 24/7/365 facilities that firefighters respond from. Ambulances and fire trucks require to be connected to electrical power while the engine is not running inside the stations. The ambulances must be plugged in to run the unit due to the storage of medications on the unit. The stations need to be connected to emergency power to maintain adequate temperatures inside the stations for medical supplies and the proper rehabilitation of firefighters between emergency calls. Fire stations also become hubs for other city employees, PD and utilities, during disasters and other emergency situations.

Justification

Maintain the Fire Station to provide an adequate facility with the proper power needed to house firefighters, equipment, and medical supplies in order to provide the necessary emergency response to the citizens and public while there is no electrical power at the fire station. The ambulances carry medications need to be in an air-cooled environment or the medications will be ruined. These supplies along with other medical supplies are also keep inside the station in the storage lockers.

Expenditures	2020	2021	2022	2023	2024	Total
Construction/Rehab		73,728				73,728
Inspection		2,312				2,312
Design	6,357					6,357
Engineering Svc	200	800				1,000
Total	6,557	76,840				83,397

Funding Sources	2020	2021	2022	2023	2024	Total
G.O. Bond 2018	6,557	76,840				83,397
Total	6,557	76,840				83,397

Budget Impact/Other

There is no projected operational impact with this project at this time. Current maintenance budget will be utilized to service new unit.

Capital Improvement Plan

2020 *thru* 2024

City of Corpus Christi, Texas

Project # 18180I
Project Name Fire St.8 Emergency Generator

Type Equipment
Useful Life 25 years
Category Building Rehabilitation

Department Fire Department
Contact Fire Chief
Priority 2 Critical- Asset Condition

Status Active



Description

Replacement and upgrade to the current stand-by electrical generator. The fire stations are 24/7/365 facilities that firefighters respond from. Ambulances and fire trucks require to be connected to electrical power while the engine is not running inside the stations. The ambulances must be plugged in to run the unit due to the storage of medications on the unit. The stations need to be connected to emergency power to maintain adequate temperatures inside the stations for medical supplies and the proper rehabilitation of firefighters between emergency calls. Fire stations also become hubs for other city employees, PD and utilities, during disasters and other emergency situations.

Justification

Maintain the Fire Station to provide an adequate facility with the proper power needed to house firefighters, equipment, and medical supplies in order to provide the necessary emergency response to the citizens and public while there is no electrical power at the fire station. The ambulances carry medications need to be in an air-cooled environment or the medications will be ruined. These supplies along with other medical supplies are also keep inside the station in the storage lockers.

Expenditures	2020	2021	2022	2023	2024	Total
Construction/Rehab		62,728				62,728
Inspection		2,061				2,061
Design	5,668					5,668
Engineering Svc	200	800				1,000
Total	5,868	65,589				71,457

Funding Sources	2020	2021	2022	2023	2024	Total
G.O. Bond 2018	5,868	65,589				71,457
Total	5,868	65,589				71,457

Budget Impact/Other

There is no projected operational impact with this project at this time. Current maintenance budget will be utilized to service new unit.

Capital Improvement Plan
City of Corpus Christi, Texas

2020 *thru* 2024

Project # 18180J
Project Name Fire St.9 Emergency Generator



Type Equipment
Useful Life 25 years
Category Building Rehabilitation
Department Fire Department
Contact Fire Chief
Priority 2 Critical- Asset Condition

Status PriorActive

Description

Total Project Cost:

Replacement and upgrade to the current stand-by electrical generator. The fire stations are 24/7/365 facilities that firefighters respond from. Ambulances and fire trucks require to be connected to electrical power while the engine is not running inside the stations. The ambulances must be plugged in to run the unit due to the storage of medications on the unit. The stations need to be connected to emergency power to maintain adequate temperatures inside the stations for medical supplies and the proper rehabilitation of firefighters between emergency calls. Fire stations also become hubs for other city employees, PD and utilities, during disasters and other emergency situations.

Justification

Maintain the Fire Station to provide an adequate facility with the proper power needed to house firefighters, equipment, and medical supplies in order to provide the necessary emergency response to the citizens and public while there is no electrical power at the fire station. The ambulances carry medications need to be in an air-cooled environment or the medications will be ruined. These supplies along with other medical supplies are also keep inside the station in the storage lockers.

Expenditures	2020	2021	2022	2023	2024	Total
Construction/Rehab		56,729				56,729
Inspection		3,302				3,302
Design	9,082					9,082
Engineering Svc	1,000	2,000				3,000
Total	10,082	62,031				72,113

Funding Sources	2020	2021	2022	2023	2024	Total
G.O. Bond 2018	10,082	62,031				72,113
Total	10,082	62,031				72,113

Budget Impact/Other

There is no projected operational impact with this project at this time. Current maintenance budget will be utilized to service new unit.

Capital Improvement Plan

2020 *thru* 2024

City of Corpus Christi, Texas

Project # 18180R
Project Name Fire St.10 Emergenancy Generator

Type Equipment
Useful Life 25 years
Category Capital Equipment/System
Department Fire Department
Contact Fire Chief
Priority 1 Critical-Health & Safety

Status Active



Description

Replacement and upgrade to the current stand-by electrical generator. The fire stations are 24/7/365 facilities that firefighters respond from. Ambulances and fire trucks require to be connected to electrical power while the engine is not running inside the stations. The ambulances must be plugged in to run the unit due to the storage of medications on the unit. The stations need to be connected to emergency power to maintain adequate temperatures inside the stations for medical supplies and the proper rehabilitation of firefighters between emergency calls. Fire stations also become hubs for other city employees, PD and utilities, during disasters and other emergency situations.

Justification

Maintain the Fire Station to provide an adequate facility with the proper power needed to house firefighters, equipment, and medical supplies in order to provide the necessary emergency response to the citizens and public while there is no electrical power at the fire station. The ambulances carry medications need to be in an air-cooled environment or the medications will be ruined. These supplies along with other medical supplies are also keep inside the station in the storage lockers.

Expenditures	2020	2021	2022	2023	2024	Total
Construction/Rehab		57,128				57,128
Inspection		2,266				2,266
Design	5,235					5,235
Engineering Svc		1,000				1,000
Total	5,235	60,394				65,629

Funding Sources	2020	2021	2022	2023	2024	Total
G.O. Bond 2018	5,235	60,394				65,629
Total	5,235	60,394				65,629

Budget Impact/Other

There is no projected operational impact with this project at this time. Current maintenance budget will be utilized to service new unit.

Capital Improvement Plan

2020 *thru* 2024

City of Corpus Christi, Texas

Project # 18180U
Project Name Fire St.12 Emergency Generator



Type Equipment
Useful Life 25 years
Category Capital Equipment/System
Department Fire Department
Contact Fire Chief
Priority 1 Critical-Health & Safety

Status Active

Description

Replacement and upgrade to the current stand-by electrical generator. The fire stations are 24/7/365 facilities that firefighters respond from. Ambulances and fire trucks require to be connected to electrical power while the engine is not running inside the stations. The ambulances must be plugged in to run the unit due to the storage of medications on the unit. The stations need to be connected to emergency power to maintain adequate temperatures inside the stations for medical supplies and the proper rehabilitation of firefighters between emergency calls. Fire stations also become hubs for other city employees, PD and utilities, during disasters and other emergency situations.

Justification

Maintain the Fire Station to provide an adequate facility with the proper power needed to house firefighters, equipment, and medical supplies in order to provide the necessary emergency response to the citizens and public while there is no electrical power at the fire station. The ambulances carry medications need to be in an air-cooled environment or the medications will be ruined. These supplies along with other medical supplies are also keep inside the station in the storage lockers.

Expenditures	2020	2021	2022	2023	2024	Total
Construction/Rehab		58,203				58,203
Inspection		2,266				2,266
Design	6,215					6,215
Engineering Svc		800				800
Total	6,215	61,269				67,484

Funding Sources	2020	2021	2022	2023	2024	Total
G.O. Bond 2018	6,215	61,269				67,484
Total	6,215	61,269				67,484

Budget Impact/Other

There is no projected operational impact with this project at this time. Current maintenance budget will be utilized to service new unit.