



#### VIA ELECTRONIC CORRESPONDENCE

CCN: 65060

File No: 8.DC.20.52

September 8, 2023

Chief, Environmental Enforcement Section Environment and Natural Resources Division

U.S. Department of Justice

P.O. Box 7611 Tom Mariani

Washington, D.C. 20044-7611 RE: DOJ No. 90-5-1-1-4022/1

Tom.Mariani@usdoj.gov

Rachael Amy Kamons
Environmental Enforcement Section
U.S. Department of Justice
P.O. Box 7611
Ben Franklin Station

Washington, D.C. 20044-7611

Rachael.Kamons@usdoj.gov

Chief, Clean Water Enforcement Branch

Water Protection Division

Attn: Brad Ammons

U.S. Environmental Protection Agency, Region 4

61 Forsyth Street, S.W. Atlanta, Georgia 30303
<a href="mailto:Ammons.Brad@epa.gov">Ammons.Brad@epa.gov</a>

Florida Department of Environmental Protection Southeast District – West Palm Beach 3301 Gun Club Road, MSC 7210-1 West Palm Beach, FL 33406

Attn: Compliance/Enforcement Section

Sirena.Davila@dep.state.fl.us

RE: Consent Decree (Case: No. 1:12-cv-24400-FAM),

Reference DOJ Case No. 90-5-1-1-4022/1,

Section XI, Paragraph 52 - Delay,

Appendix D-2, Capital Improvement Project 5.1 – Upgrade of Pump Station No.0418 -

**Request to Waive Potential Stipulated Penalties** 

Dear Sir/Madam:

The purpose of this letter is to request that the United States Environmental Protection Agency (EPA) and Florida Department of Environmental Protection (FDEP) waive potential stipulated penalties, if any, associated with Force Majeure delays to project completion of Consent Decree (CD) Capital Improvement Project (CIP) 5.1 – Upgrade of Pump Station No. 0418 located at 3330 W 76th Street, Hialeah. The CD 5.1 Project converted the existing wet well pump station into a booster pump station. The scope of the project included demolition and replacement of three pumps, motors and associated piping, construction of a new electrical room to house the new switchgear, generators, and variable frequency drives (VFDs), and installation of an accumulator system. The existing roof was replaced, and new fencing and landscaping was installed.

CD CIP 5.1 Upgrade of Pump Station No. 0418 Request to Waive Potential Stipulated Penalties September 8, 2023 Page 2

On March 28, 2018, the County notified EPA and FDEP of potential delays to the CD 5.1 Project that may impact the CD compliance date of October 22, 2019 (Exhibit A). On October 21, 2019, the County submitted a letter notifying the EPA and FDEP that the project failed to meet the October 22, 2019 CD compliance date (Exhibit B). On November 8, 2019, 17-days past the EPA compliance deadline, the project reached construction completion.

The following project delays were attributed to the following Force Majeure events:

- The motors delivered to the jobsite were missing the proper connection block assemblies for the electrical power connection from the switchgear equipment. The manufacturer ordered and installed the required, missing parts that were long lead items. The force majeure event resulted in a 91-day delay to the overall project schedule. (Exhibit C).
- 2. The newly purchased sewage pumps and motor assemblies were missing temperature and vibration sensors upon delivery. The County engaged with the pump vendor to expedite the rework of the pump components and arranged for each individual pump assembly to be returned to the project site as they became available to allow the installation work to continue. This force majeure event resulted in a 59-day delay to the overall project schedule. (Exhibit D).

As defined in the "Consent Decree under Section XI Force Majeure, Paragraph 51, "Force Majeure" is defined as any event arising from causes beyond the control of Miami-Dade, or any entity controlled by Miami-Dade, or of Miami-Dade's consultants and contractors that delays or prevents the performance of any obligation under the Consent Decree despite Miami-Dade's best efforts to fulfill the obligation." The requirement that Miami-Dade exercise "best efforts to fulfill the obligation" includes using best efforts to anticipate any potential force majeure event and best efforts to address the effects of any such event (a) as it is occurring and (b) after it has occurred to prevent or minimize any resulting delay to the greatest extent possible.

As the delays detailed above arose from causes beyond our control, the County hereby seeks relief under Section XI of the Consent Decree for the Force Majeure delays.

In addition, the following delay was due to an unforeseen site condition that was mitigated during construction with the intent of minimizing project delays:

 During construction an existing concrete fillet was found at the bottom of the old wet well structure that was in conflict with the proposed slab designed as part of the pump room modifications. This unforeseen condition required demolition that was not part of the original design. The contractor performed the demolition activities that resulted in a 61day delay (Exhibit E). CD CIP 5.1 Upgrade of Pump Station No. 0418 Request to Waive Potential Stipulated Penalties September 8, 2023 Page 3

During construction, the County worked with the contractor to mitigate the delays to project completion. The mitigation efforts included:

- Prioritized work to be performed by the Engineer of Record to resolve unforeseen conditions.
- Provided additional work resources on the project to expedite key activities.
- Engaged directly with the pump vendor to expedite manufacturing and delivery of pump assembly parts as they became available.
- Provided dedicated plant staff to ensure integration of instrumentation and controls were completed quickly.

As described above, despite the 150 days of Force Majeure delays and 61 days of unforeseen circumstances, the continued efforts and mitigating actions by the County to limit project delays resulted in project completion 17-days past the EPA compliance deadline. The County respectfully requests relief for the 17 days.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Should you have any questions or need additional information regarding this matter, please call me at (786) 552-8894.

Sincerely,

Marisela J. Aranguiz-Cueto, P.

Deputy Director

Miami-Dade Water and Sewer Department

Attachment: Exhibits

ec:

Anita Patel, Senior Assistant Attorney General, Complex Litigation Office of the Attorney General PL 01 The Capitol Tallahassee, FL 32399-1050 (850) 414-3694 anita.patel@myfloridalegal.com

Elizabeth Teegen, Chief Assistant Attorney General, Complex Litigation
Office of the Attorney General
PL-01, The Capitol
Tallahassee, FL 32399-1050
850-414-3808
Elizabeth.Teegen@myfloridalegal.com

CD CIP 5.1 Upgrade of Pump Station No. 0418 Request to Waive Potential Stipulated Penalties September 8, 2023 Page 4

Florida Department of Environmental Protection Southeast District – West Palm Beach 3301 Gun Club Road, MSC 7210-1 West Palm Beach, FL 33406 Attn: Compliance/Enforcement Section Lisa.M.Self@dep.state.fl.us
Bridjette.Bucell@FloridaDEP.gov
Sed.wastewater@dep.state.fl.us
Vicki.Villani@floridaDEP.gov
Guy.Cappello@floridaDEP.gov

Paul Schwartz
Associate Regional Counsel
U.S. EPA, Region 4
61 Forsyth Street, SW
Atlanta, Georgia 30303
Schwartz.Paul@epa.gov

Jimmy Morales, Office of the Mayor Miami-Dade County Chief Operations Officer 111 NW 1st Street 29th Floor Miami, FL 33128 Jimmy, Morales 2@miamidade.gov

Angela Benjamin
Miami-Dade Assistant County Attorney
Miami-Dade County Attorney's Office
111 NW First Street Suite 2810
Miami, Florida 33128
Angela.Benjamin@miamidade.gov

Amanda Kinnick (WASD)
Billie Jo McCarley (WASD)
Frances G. Morris (WASD)
James B. Ferguson (WASD)
Juan Curiel (WASD)

Jairo Castillo-Valenzuela
Dennis Sayre
Wastewater Enforcement Section
Water Enforcement Branch
Enforcement & Compliance Assurance Division
USEPA Region 461 Forsyth Street. S.W.
Atlanta, GA 30303
Castillo.Jairo@epa.gov
Sayre.Dennis@epa.gov

Madame Mayor Daniella Levine-Cava Miami-Dade County 111 NW First Street 29<sup>th</sup> Floor Miami, Florida 33128 Daniella.Cava@miamidade.gov

Roy Coley, Director Miami-Dade Water and Sewer Department 3071 SW 38<sup>th</sup> Avenue Miami, Florida 33146 Roy.Coley@miamidade.gov

Robert Fergen (WASD) Oscar Vasquez (WASD) Carlos A. Castro (WASD) Rolando Roque (WASD) Ana Caveda (WASD)

Sarah Davis (CAO)
Lashika Nelson (CAO)
Rashid Istambouli (RER-DERM)
Carlos Hernandez (RER-DERM)
Roger Williams (CD PMCM)

# Exhibit A



MIAMI-DADE COUNTY miamidade.gov

PO Box 330316 • 3071 SW 38 Avenue Miami, Florida 33233-0316 T 305-665-7471

#### VIA ELECTRONIC CORRESPONDENCE

March 28, 2018

CCN: 61774

File No: 8.DC.52 & 77

Chief, Environmental Enforcement Section Environment and Natural Resources Division

U.S. Department of Justice

P.O. Box 7611 Ben Franklin Station

Washington, D.C. 20044-7611 RE: DOJ No. 90-5-1-1-4022/1

Tom.Mariani@usdoj.gov

Chief, Clean Water Enforcement Branch

Water Protection Division

Attn: Brad Ammons

U.S. Environmental Protection Agency, Region 4

61 Forsyth Street, S.W. Atlanta, Georgia 30303 Ammons.Brad@epa.gov

Rachael Amy Kamons
Environmental Enforcement Section

U.S. Department of Justice P.O. Box 7611

Ben Franklin Station

Washington, D.C. 20044-7611

Rachael.Kamons@usdoj.gov

Florida Department of Environmental Protection

Southeast District – West Palm Beach 3301 Gun Club Road, MSC 7210-1

West Palm Beach, FL 33406

Attn: Compliance/Enforcement Section

Jason.Andreotta@dep.state.fl.us

RE: Consent Decree (Case: No. 1:12-cv-24400-FAM)

Reference DOJ Case No. 90-5-1-1-4022/1 Section XI, Paragraph 52 – Potential Delay Section XVII, Paragraph 77 – Notices

Potential Delay Notification Letter for Consent Decree Appendix D-2, Capital Improvement

Projects 5.1 – Upgrade of Pump Station No. 0418

#### Dear Sir/Madam:

In accordance with the provisions of Section XI, Paragraph 52 of the above referenced Consent Decree (CD), on March 14, 2018, Miami-Dade County (County) electronically notified United States Environmental Protection Agency (EPA) and Florida Department of Environmental Protection (FDEP) of an additional delay of CD Capital Improvement Project (CIP) 5.1 Upgrade of Pump Station #0418. On December 13, 2017, the County notified EPA and FDEP of several reasons for the delay of the project. Additional delays have occurred in the execution of this project during its construction phase. The March 14<sup>th</sup> email stated that this delay will impact the CD compliance date of November 24, 2018.

In accordance with Section XI, Paragraph 52, this notification letter shall further describe and explain the reasons for the delay; the anticipated duration of the delay; all actions taken or to be taken to prevent or minimize the delay; a schedule for implementation of any measures to be taken to prevent or mitigate the delay or the effect of the delay; a statement as to whether, in the opinion of the County, such event may cause or contribute to an endangerment to public health, welfare or the environment.

#### **Explanation and description of the reasons for the delay**

The scope of this project includes the conversion of the existing Pump Station (PS) #0418 to a booster station by replacing all the pumps, shafts, and associated piping; adding new switchgear and VFDs (variable frequency drives); adding a new switchgear room and generator room along with associated mechanical and electrical equipment; and, installing a new emergency generator.

The CD CIP 5.1 PS #0418 contractor has been delayed for the following reasons:

- The gravity sewer main as part of Hialeah PS 200 needed to be completed prior to shutting down PS #0418. This caused the project to be delayed.
- An existing valve needed to isolate the station was damaged and required repair.
- Heavy infiltration into the influent pipe had to be mitigated.
- Leakage through three existing valves in the 30-inch discharge main.
- Hurricane Irma impact.
- Unforeseen condition in pump room of a concrete fillet that had to be demolished.
- Unforeseen needs to change the flowmeter and related valves on the discharge side of the station.
- Upon installation of the new vertically mounted centrifugal pumps it was found that, due to an
  error in the vendor fabrication process, the pump volute discharge flange impeded the pump
  structure and will require re-fabrication of pump components. All the newly delivered pumps have
  the same issue and will need re-fabrication. The estimated delay for the vendor to complete this
  re-fabrication work is 60 days.

All these activities are on the schedule's critical path.

#### Actions taken or to be taken to prevent or minimize the delay

The Program Management and Construction Management (PMCM) Team has met with the contractor multiple times to resolve the issues listed above and to discuss ways to mitigate schedule impacts. In addition, PMCM will work with the Engineer of Record to resolve each of the unforeseen occurrences listed above and attempt to mitigate and minimize the schedule impacts and work closely with the pump vendor to expedite the rework of the affected pump components

#### Anticipated duration of the delay

On December 22, 2017, the County submitted to EPA and FDEP a Request for Schedule Modifications related to projects in Appendix D and E of the Consent Decree with justifications. Included in this request, is the referenced project. The County is confident that the project will be completed by the December 22<sup>nd</sup> requested compliance date of October 22, 2019.

### <u>Schedule for implementation of any measures to be taken to prevent or mitigate the delay or the effect of the delay</u>

The County will take the following steps (in sequence) to prevent or mitigate delay or the effect of the delay:

- 1. Continue to meet with contractor, EOR and WASD to assist in resolution of ongoing problems.
- 2. Meet with Contractor to discuss additional work resources on the project to expedite key elements of the work.
- 3. Engage with the pump vendor to expedite the re work of the pump components and arrange for each individual pump assembly to be returned to the project site as it becomes available to allow installation work to continue as soon as possible.

#### Cause or contribute to an endangerment to public health, welfare or the environment

The conversion of PS #0418 to a booster station is necessary to ensure the collection system's capacity to serve future developments as well as upgrade equipment to maintain the integrity of our system. It is the County's opinion that this delay will not present an immediate endangerment to the public health, welfare, or the environment.

Should you have any questions regarding this matter, please call me at (786) 552-8571.

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

Hardeep Anand, P.E., ENV SP

Deputy Director, Capital Improvement Programs & Regulatory Compliance

Potential Delay Notification Letter for CD CIP 5.1 March 28, 2018 Page 4

ec: Jonathan A. Glogau
Special Counsel
Chief, Complex Litigation
Office of the Attorney General
PL-01, The Capitol
Tallahassee, FL 32399-1050
850-414-3817
Jon.Glogau@myfloridalegal.com

Florida Department of Environmental Protection Southeast District – West Palm Beach 3301 Gun Club Road, MSC 7210-1 West Palm Beach, FL 33406 Attn: Compliance/Enforcement Section <u>Lisa.M.Self@dep.state.fl.us</u> <u>Mike.Bechtold@dep.state.fl.us</u> <u>Sed.wastewater@dep.state.fl.us</u>

Mayor Carlos A. Gimenez Miami-Dade County 111 NW First Street 29<sup>th</sup> Floor Miami, Florida 33128

Kevin T. Lynskey, Director Miami-Dade Water and Sewer Department 3071 SW 38<sup>th</sup> Avenue Miami, Florida 33146

Jack Osterholt, Deputy Mayor/Director Miami-Dade Regulatory and Economic Resources 111 NW 1st Street. 29th Floor Miami, FL 33128 Josterholt@miamidade.gov Potential Delay Notification Letter for CD CIP 5.1 March 28, 2018 Page 5

> Henry Gillman Assistant County Attorney Miami-Dade County Attorney's Office 111 NW First Street Suite 2810 Miami, Florida 33128

William Bush Associate Regional Counsel U.S. EPA, Region 4 61 Forsyth Street, SW Atlanta, Georgia 30303 Bush.William@epa.gov

William A. Weinischke
Senior Trial Attorney
Environmental Enforcement Section
Environment and Natural Resources Division
U.S. Department of Justice
P.O. Box 7611
Washington, D.C. 20044
Bill.Weinischke@usdoj.gov

Potential Delay Notification Letter for CD CIP 5.1 March 28, 2018 Page 6

ebc: Hardeep Anand

Antonio Cotarelo

Douglas L. Yoder

Josenrique Cueto

Lynnette M. Ramirez

Manuel Moncholi

Lashika Nelson

Frances G. Morris

Sarah Davis

Sherry Negahban

Richard O'Rourke

Howard Fallon

Annalise Mannix

Robert Fergen

Al Galambos

Dan Edwards

Rolando Roque

Juan Bedoya

Lee N. Hefty (RER-DERM)

Carlos Hernandez (RER-DERM)

Rashid Istambouli (RER-DERM)

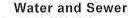
David Wood (CD PMCM)

Andrea Suarez Abastida (CD PMCM)

Scott Eckler (CD PMCM)

Abby Diaz (CD PMCM)

# Exhibit B



MIAMI-DADE COUNTY

miamidade.gov

PO Box 330316 • 3071 SW 38 Avenue Miami, Florida 33233-0316 T 305-665-7471

#### VIA ELECTRONIC CORRESPONDENCE

October 21, 2019

Chief, Environmental Enforcement Section Environment and Natural Resources Division

U.S. Department of Justice

P.O. Box 7611 Tom Mariani

Washington, D.C. 20044-7611 RE: DOJ No. 90-5-1-1-4022/1

Tom.Mariani@usdoj.gov

Rachael Amy Kamons Environmental Enforcement Section

U.S. Department of Justice

P.O. Box 7611

Ben Franklin Station

Washington, D.C. 20044-7611

Rachael.Kamons@usdoj.gov

CCN: 62833

File No: 8.DC.20.52

Chief, Clean Water Enforcement Branch

Water Protection Division

Attn: Brad Ammons

U.S. Environmental Protection Agency, Region 4

61 Forsyth Street, S.W. Atlanta, Georgia 30303

Ammons.Brad@epa.gov

Florida Department of Environmental Protection

Southeast District – West Palm Beach 3301 Gun Club Road, MSC 7210-1

West Palm Beach, FL 33406

Attn: Compliance/Enforcement Section

Jason.Andreotta@dep.state.fl.us

RE: Consent Decree (Case: No. 1:12-cv-24400-FAM),

Reference DOJ Case No. 90-5-1-1-4022/1,

Section XI, Paragraph 52 – Potential Delay,

Section XVII, Paragraph 77 - Notices,

Delay Notification and Failure to Meet Compliance Date Notification for Consent

Decree Appendix D-2, Capital Improvement Project 5.1 Upgrade of Pump Station No.

0418

In accordance with the provisions of Section XI, Paragraph 52 of the above referenced Consent Decree (CD), on October 11, 2019, Miami-Dade County (County) electronically notified the United States Environmental Protection Agency (EPA) and Florida Department of Environmental Protection (FDEP) of a Potential Delay of CD Capital Improvement Project (CIP) 5.1 Upgrade of Pump Station (PS) 0418 – at 3330 W 76<sup>th</sup> Street, Hialeah. This project experienced delays during the construction phase. This potential delay will impact the project's CD compliance date of October 22, 2019.

June

Page 2

In accordance with Section XI, Paragraph 52, this update letter shall further describe and explain the reasons for the delay; the anticipated duration of the delay; all actions taken or to be taken to prevent or minimize the delay; a schedule for implementation of any measures to be taken to prevent or mitigate the delay or the effect of the delay; County's rationale for attributing such delay to a force majeure event if it intends to assert such a claim; a statement as to whether, in the opinion of the County, such event may cause or contribute to an endangerment to public health or the environment, and documentation to support the force majeure claim.

#### Explanation and description of the reasons for the delay

The CD project description is to convert the existing wet well design Pump Station 0418 into a booster pump station. The scope of this project includes the demolition and replacement of existing three pumps with new pumps and motors and associated piping together with a new room to house the new switchgear, generators and variable frequency drives (VFDs) with control panels, and installation of an accumulator system. The project scope also includes the replacement of existing built up roofing and other architectural features, fencing and landscaping.

During the construction phase, the County encountered the following delays: 1) Pump supports required modification; 2) Missing electrical connection blocks at motors; 3) Motors and pumps refurbishment needed due to damaged seals and recertification for warranties; 4) Missing temperature and vibration sensors at pump casings and bearings; 5) Installation of speed potentiometers for manual operation at the local control panel and 6) Significant issues with a water damaged generator engine.

#### Action taken or to be taken to prevent or minimize the delay

The County will continue to:

- Closely monitor and implement all remaining start up and testing procedures.
- Ensure that all pending integration of instrumentation and controls is completed as expediently as possible.
- Close coordination and start up meetings with Contractor and Operations to ensure all necessary measures are taken to complete the project.

#### Anticipated duration of the delay

Based on the information available at this time, the time impact of all these issues is estimated to be up to three (3) months and the County anticipates reaching substantial completion before January 2020. The County will be closely monitor construction progress and report any further delay to EPA and FDEP when it becomes known to the County and as required by Section XI, Paragraph 52.



### <u>Schedule for implementation of any measures to be taken to prevent or mitigate the</u> delay or the effect of the delay

The County has already implemented all actions to minimize the delay and will continue to implement all necessary measures to bring the pump station into full service.

<u>Cause or contribution to an endangerment to public health, welfare or the environment</u> Improvements performed under CD CIP 5.1 are needed to relieve pressures in the North District WWTP catchment area. There is no indication that delays in Upgrades of PS 0418 present an immediate endangerment to the public health, welfare or the environment.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Should you have any questions regarding this matter, please call me at (786) 552-8571.

Sincerely,

Eynnette M. Ramirez P.E.

Senior Advisor, Capital Improvement Programs & Regulatory Compliance

ec: Barbara Jean Throne

Senior Assistant Attorney General, Complex Litigation

Office of the Attorney General

PL-01, The Capitol

Tallahassee, FL 32399-1050

850-414-3808

Barbara.throne@myfloridalegal.com

Delay Notification and Failure to Meet Compliance Date for CD CIP 5.1 Upgrades of Pump Station 0418 October 21, 2019 Page 4

Florida Department of Environmental Protection Southeast District – West Palm Beach 3301 Gun Club Road, MSC 7210-1 West Palm Beach, FL 33406 Attn: Compliance/Enforcement Section Lisa.M.Self@dep.state.fl.us Mike.Bechtold@dep.state.fl.us Sed.wastewater@dep.state.fl.us Tim.Fitzhugh@@dep.state.fl.us

Mayor Carlos A. Gimenez
Miami-Dade County
111 NW First Street 29<sup>th</sup> Floor
Miami, Florida 33128
Kevin T. Lynskey, Director
Miami-Dade Water and Sewer Department
3071 SW 38<sup>th</sup> Avenue
Miami, Florida 33146

Jack Osterholt, Deputy Mayor/Director Miami-Dade Regulatory and Economic Resources 111 NW 1st Street. 29th Floor Miami, FL 33128 Josterholt@miamidade.gov

Henry Gillman Miami-Dade Assistant County Attorney Miami-Dade County Attorney's Office 111 NW First Street Suite 2810 Miami, Florida 33128

Richard Elliott, P.E., PMP
Environmental Engineer
Water Protection Division
U.S. Environmental Protection Agency - Region 4
61 Forsyth Street. S.W.
Atlanta, GA 30303
Elliott.Richard@epa.gov

Delay Notification and Failure to Meet Compliance Date for CD CIP 5.1 Upgrades of Pump Station 0418 October 21, 2019 Page 5

Paul Schwartz
Associate Regional Counsel
U.S. EPA, Region 4
61 Forsyth Street, SW
Atlanta, Georgia 30303
Schwartz.Paul@epa.gov

William A. Weinischke
Senior Trial Attorney
Environmental Enforcement Section
Environment and Natural Resources Division
U.S. Department of Justice
P.O. Box 7611
Washington, D.C. 20044
Bill.Weinischke@usdoj.gov

# Exhibit C



9415 SW 72<sup>nd</sup> Street, Suite 131 Miami, FL 33173 (305) 740-3303 Office, (305) 740-3305 Fax

January 18th, 2020

Letter # 1601-123

Miami-Dade Water and Sewer Dptm. CD PM/CM Team 135 San Lorenzo Ave, Suite 600 Coral Gables, FL 33146

Attn: Mr. Pedro Angel
Construction Manager

Ref.: Conversion of Sewage Pump Station 418 to Booster Station – Contract S758R Letter # 1601-122

**Subject: Contract Time Extension** 

Mr. Angel,

Further to our previous communications in regards to the above referenced subject, we would like to expand on some of the specifics of the individual delay items.

As you are aware, the progress of the project has been impacted by several delays beyond our control. This situation has caused that the project completion date had to be extended from the original scheduled date. The attached CPM Schedule Update / Time Impact Analysis ("TIA") shows in detail the aforementioned delays and their consequences to the progress of the project.

This CPM Schedule TIA shows a net direct impact of 355 calendar days to the Project's critical path. The attached TIA includes some of the most significant direct delays which impacted the project's critical path since the previous Contract Time Extension, as follows:

#### 1.- Refurbish Owner's furnished Pump and Motors.-

The Pumps and Motors delivered to the jobsite presented signs of deterioration of certain components as well as evidence of improper storage procedures for a very extended period of time at the Owner's facilities. Consequently, MDWASD decided to remove the Pumps and Motors from the jobsite and direct the Pump/Motor Manufacturer to proceed to refurbish all the equipment to original factory standards.

#### 2.- Missing Connection blocks for the Owner's furnished Motors for the Sewage Pumps.-

The Motors delivered to the jobsite did not have the proper connection block assemblies for the electrical power connection from the Switchgear equipment. The Motors Manufacturer had to



9415 SW 72<sup>nd</sup> Street, Suite 131 Miami, FL 33173 (305) 740-3303 Office, (305) 740-3305 Fax

order the required Connection blocks and proceed to install the replacement equipment at the motors previously installed in the Pump Station.

3.- <u>City of Hialeah Bldg. Dptm. Permit revision due to Electrical drawings redesign by MDWASD</u>.- The original Contract Electrical Drawings had to be redesigned by MDWASD to add several additional electrical features and upgrades including ,but not limited to, additional lighting fixtures at the lower level of the Pump Station Building, additional grounding systems at the lower level of the Pump Station building, battery charger changed location, exhaust fan changed location at the bathroom facilites, etc.

#### 4.- Remove and Replace FPL Meter Enclosure at FPL Transformer Room .-

The original Contract Drawings called for the existing FPL Meter Enclosure at FPL Transformer Room to remain. FPL requested that the existing Meter Enclosure needed to be replaced due to its deteriorated condition in order for FPL to proceed to provide permanent power to the new Booster 418 Station. MDWASD directed the Contractor to proceed with the extra work of removing and replacing the existing Meter Enclosure.

#### 5.- Install additional lighting system at pipe gallery and pump room .-

The original Contract Drawings did not include a lighting system at the pipe gallery and pump room. MDWASD directed the Contractor to proceed with the extra work of furnishing and installing a lighting system at the pipe gallery and pump room.

#### 6.- Modify Power supply to HVAC Equipment .-

The power supply requirements as shown on the original Contract Drawings had to be upgraded in order to be able to provide the required power to the specified HVAC Equipment. MDWASD directed the Contractor to proceed with the extra work of furnishing and installing upgraded breakers and conduits/wiring for the power supply system for the HVAC equipment.

#### 7.- Missing Vibration/Temperature sensors at Motor/Pump Assemblies .-

The Sewage Pumps/Motors assemblies furnished by the Owner did not have all the required Vibration/Temperature sensors. The Pump/Motor Manufacturer had to order the missing Vibration and Temperature sensors and proceed to install the missing devices at the Pump/Motors previously installed in the Pump Station.

#### 8.- Manual Speed Potentiometer at Pump VFD LCP Panels .-

MDWASD directed the Contractor to proceed with the extra work effort of furnishing and installing a manual speed Potentiometer at the Pump VFD's LCP Panels to provide enhanced functionality to the new Booster 418 Station.



9415 SW 72<sup>nd</sup> Street, Suite 131 Miami, FL 33173 (305) 740-3303 Office, (305) 740-3305 Fax

9.- Modification to the Sewer connection for the bathroom and sump pumps discharge flows .- MDWASD directed the Contractor to proceed with the extra work effort of furnishing and installing an additional plug valve in the previously installed sewer connection for the bathroom and sump pump discharge flows in order to provide critical functionality in terms of emergency shut-off capabilities for the avoidance of potential sewer backflows to the new Booster 418 Station.

#### 10.- Ball Control Valves Non-Functional 95 % Limit Switches .-

The Ball Control Valves assemblies furnished by the Owner included the 95% Limit Switches which were not compatible/not-suitable with the specified control systems. The Pump/Motor Manufacturer had to order new suitable Limit Switches and proceed to install the suitable devices at the Ball Control Valves previously installed in the Pump Station.

Based on all the above, please proceed to issue a Change Order for the Contract Time Extension of 355 calendar days as soon as possible in order to avoid further financial burdens in our firm.

Sincerely,

Jorge Fonte

Jorge Fonte

Metro Equipment Service, Inc.

MDWASD - Booster Pump Station No. 418

	Final Contract Time Extension (Time Impact Analysis)			
Activity ID	Delay Description	Start Delay	<b>End Delay</b>	TOTAL Delay (CD)
145,147,148,149,15 163,164 & 165	Refurbish Owner's furnished Pump & Motors	7/16/2018	2/15/2019	214
1	170 Missing Connection Blocks for Motor Pumps	1/24/2019	5/17/2019	113
	169 City of Hialeah Bldg Deptm - Electrical Plan Revisions due to electrical redesign by MDWASD	4/28/2019	6/12/2019	45
2	220 Remove/Replace FPL Meter enclosure at FPLTransformer Room	5/27/2019	5/28/2019	2
2	216 Install additional lighting system at pipe gallery and pump room	6/1/2019	7/19/2019	48
2	212 Modify Power Supply to HVAC Equipment	6/24/2019	8/13/2019	50
2	217 Missing Vibration/Temperature Sensors at Motor/Pump Assemblies	6/20/2019	10/11/2019	113
2	219 Manual Speed Potentiometer at Pump VFD LCP	11/19/2019	12/10/2019	21
2	220 Modification to the sewer connection for the bathroom and sump pumps discharge flows	9/13/2019	12/6/2019	84
2	218 Ball Control Valves Non-Functional 95 % Limit Switches	10/23/2019	12/6/2019	44
	TOTAL D	ELAY DAYS (CALE	NDAR DAYS):	734
	NET DELAY DAYS (CALENDAR DAYS)	PER CPM TIA as o	f 12-18-2019:	355

#### RECAP - DELAYS - TIME EXTENSION

Contract Completion Date prior to this TIA: 12/28/2018

Contract Time Extension due to this TIA (Calendar Days) : 355
Adjusted Final Completion Date : 12/18/2019

ID :								MDWASD - PS418 - CPM Schedule - Time Impact Analysis as of 12-18-2019 (TIA)
	Fask Name	Duration	Est Start	Est Finish	% Complete	Total Float	Baseline Finish	
1	GENERAL ACTIVITES	889 days	Sat 5/28/16	Ved 12/18/19	100%	0 days	Sat 4/28/18	
2	Notice To Proceed	0 days	Sat 5/28/16	Sat 5/28/16	100%	0 days	Tue 5/31/16	♦ Notice To Proceed
7	City of Hialeah - Building Permit	9 days	Fri 6/10/16		100%	0 days	Wed 7/27/16	City of Hialeah - Building Permit
18	Pump Room Re-design	42 days		Thu 10/6/16	100%	0 days	Tue 10/25/16	Pump Room Re-design
13	City of Hialeah - Completion of Sanitary Sewer Projec	1 day	Thu 11/17/16		100%	0 days	Thu 9/15/16	♦ City of Hialesh - Completion of Sanitary Sewer Project
14	Setup Contractor Stating area at School Board Easement	0 days	Fri 11/18/16	Fri 11/18/16	100%	0 days	Tue 6/21/16	
16	Mobilization for Yard Piping Construction	1 day	Fri 11/18/16	Fri 11/18/16	100%	0 days	Fri 9/16/16	, Mobilization for Yard Piping Construction
17	Mobilization for Pump Station Construction	0 days	Mon 1/9/17	Mon 1/9/17	100%	0 days	Tue 10/25/16	
3	Contract Time Extension - 63 Days - Hialeah Sewer	0 days	Wed 2/8/17	Wed 2/8/17	100%	0 days	Wed 7/27/16	♦ Contract Time Extension - 63 Days - Hialeah Sewer Project Completion
45	Project Completion							= Setup Field Office Trailer at School Board Essement
15	Setup Field Office Trailer at School Board Easement	10 days 0 days	Mon 4/3/17 Wed 4/12/17	Fri 4/14/17 Wed	100%	0 days	Tue 10/25/16 Wed 7/27/16	Scrup return of the frame a Scriptor Scriptor     Contract Time Steamion - 23 Dos Replace exist 16" Valve
	Contract Time Extension - 23 Days - Replace exst 16" Valve	o days	Weu 4/12/17	4/12/17	100%	o days	Wed 7/27/10	V
5	Contract Time Extension - 23 Days - Influent Pipe	0 days	Wed 4/12/17	Wed	100%	0 days	Wed 7/27/16	Oontract Time Extension - 23 Days - Influent Pipe Infiltration
	Infiltration			4/12/17				s Rain Delay
12	Rain Delay	5 days		Fri 6/9/17	100%	0 days	NA NA	Hurricane Irma - Work Stoppage
11	Hurricane Irma - Work Stoppage	6 days	Wed 9/6/17 Wed 10/4/17		100%		NA NA	Rain Delav
10	Rain Delay Rain Delay	1 day 1 day	Thu 10/5/17		100%	0 days 0 days	NA NA	Rain Delay
9	Rain Delay	1 day		Fri 10/6/17	100%		NA NA	Rain Delay
6	Contract Time Extension - 8 Days - Hurricane Irma	0 days	Tue 12/5/17		100%		Wed 7/27/16	
	Impacts							
19	Time Extension - 92 Calendar days	0 days		Mon 1/15/18	100%	0 days	NA	Time Extension - 92 Calendar days  Control Time Extension - 124 Days Refusibilities of RemarkAnters
23	Contract Time Extension - 134 Days - Refurbishing of Pumps/Motors	0 days	Mon 12/17/18	Mon 12/17/18	100%	0 days	NA	♦ Contract Time Extension - 134 Days - Refurbi-jhing of Pumps/Motors
21	MD-DERM Certification - MDWASD submitted	1 day	Tue 10/8/19	Tue 10/8/19	100%	0 days	NA	MD-DERM Certification - MDWASD submitted application
	application							
20	Final Signed and Sealed Project Asbuilt Drawings approved by MDWAD	1 day	Wed 10/9/19	Wed 10/9/19	100%	0 days	NA	; Final Skijned and Sealed Project Asbuilt Drawings approved by MOWAD
28	Project Close-out Documents	6 days	Wed 10/0/10		100%	0 days	Fri 4/27/18	Project Close-out Documents
22	MD-DERM Certification - MD-DERM approval -	1 day	Wed 10/9/19 Fri 10/11/19		100%		NA NA	MD-DEM Certification - MD-DEMM approval - Project is certified
	Project is certified	,	,,,	10, 11, 15		,-		
26	Owner's Training	0 days	Tue 10/29/19	Fri 11/8/19	100%	0 days	Thu 4/12/18	♦ Owner's Training
24	Project Substantial Completion	1 day	Fri 11/8/19		100%	0 days	Thu 3/29/18	Project Substantial Completion
25	Punch List	28 days	Mon 11/11/19		100%	0 days	Fri 4/27/18	Punch List
27	City of Hialeah Bldg Dptm - Final Inspection approved	1 day	Wed 12/18/19 Wed 12/18/19		100%	0 days	NA	City of Hialeah Bidg Dptm - Final Inspection approved Project Final completion (Dec-18-2019)
	Project Final completion (Dec-18-2019)  SHOP DRAWINGS SUBMITTAL / REVIEW / APPROVAL	1 day 570 days	Mon 6/6/16		100%		Sat 4/28/18 Tue 5/9/17	riget risa compression (see 19-20-5)
31	CPM Construction Schedule - Submittal	1 day	Mon 6/6/16		100%	0 days	Tue 6/7/16	CPM Construction Schedule - Submittal
56	Standby Generator System - Submittal	1 day	Wed 6/8/16	, ., .	100%	0 days	Tue 6/14/16	. Standby Generator System - Submittal
57	Switchgear Medium Voltage - Submittal	1 day	Wed 6/8/16		100%	0 days	Tue 6/14/16	Switchgear Medium Voltage - Submittal
61	CPM Construction Schedule - Review / Approval	48 days	Wed 6/8/16	Mon 8/15/16	100%	0 days	Tue 6/21/16	CPM Construction Schedule - Review / Approval
86	Standby Generator System - Review / Approval	7 days	Thu 6/9/16	Mon 11/21/16	100%	0 days	Tue 6/28/16	Standby Generator System - Review / Approval
87	Switchgear Medium Voltage - Review / Approval	9.5 days		Wed 11/30/16	100%	0 days	Tue 6/28/16	Switchgear Medium Voltage - Review / Approval
51	Pipe & Fittings - Submittal	1 day		Fri 6/10/16	100%	0 days	Tue 6/28/16	Pipe & Fittings - Submittal 
52 81	Valves - Submittal  Pipe & Fittings - Review / Approval	1 day 32 days	Mon 6/13/16 Mon 6/13/16		100%	0 days	Tue 6/28/16 Wed 7/13/16	v eares - suomittai  — Pipe & Rittings - Review / Approval
82	Valves - Review / Approval	32 days 36 days	Tue 6/14/16		100%	0 days	Wed 7/13/16 Wed 7/13/16	Values Review / Approval
39	Precast Concrete Catch Basins - Submittals	1 day	Wed 6/15/16		100%	0 days	Wed 7/13/16	Precast Concrete Catch Basins - Submittals
69	Precast Concrete Catch Basins - Review / Approval	14 days	Thu 6/16/16		100%	0 days	Wed 7/27/16	Precast Concrete Catch Basins - Review / Approval
40	Storm Drainage pipe & filter fabric - Submittals	1 day	Fri 6/17/16	Fri 6/17/16	100%	0 days	Tue 6/28/16	1 Storm Drainage pipe & filter fabric - Submittals
70	Storm Drainage pipe & filter fabric - Review / Approve	5 days	Mon 6/20/16		100%	0 days	Wed 7/20/16	g Storm Drainage pipe & filter fabric - Review / Approval
55	Electrical Equipment (Transformers/MCC/grounding/lighting/etc) -	1 day	Fri 7/1/16	Fri 7/1/16	100%	0 days	Wed 8/3/16	Electrical Equipment (Transformers/MCC/grounding/lighting/etc) - Submittals
58	VFD - Submittal	1 day	Fri 7/1/16	Fri 7/1/16	100%	0 days	Wed 7/13/16	, VFD - Submittal
88	VFD - Review / Approval	16 days			100%	0 days	Wed 7/13/16 Wed 7/27/16	VFD - Review / Approval
85	Electrical Equipment	24 days	Tue 7/5/16	Fri 8/5/16	100%	0 days	Wed 8/17/16	Electrical Equipment (Transformers/MCC/grounding/lighting/etc) - Review / Approval
	(Transformers/MCC/grounding/lighting/etc) - Review / Approval							
53		1 ,	Wod 7/0/40	Wod 7/0/10	100%	0	Wod 9/10/10	HVAC System - Submittals
83	HVAC System - Submittals  HVAC System - Review / Approval	1 day 17 days	Wed 7/6/16 Thu 7/7/16	Wed 7/6/16 Fri 7/29/16	100%	0 days	Wed 8/10/16 Wed 8/24/16	i rivx. System - suomittus  — HVAC System - Review / Approval
43	Louvers & vents - Submittal	1 days	Fri 7/22/16		100%	0 days	Thu 9/22/16	Louves & vents - Submittal
48	Above Ground Fuel Storage Tanks - Submittals	1 day	Fri 7/22/16		100%	0 days	Thu 9/8/16	Above Ground Fuel Storage Tanks - Submittals
54	Basic Electrical Materials	1 day	Fri 7/22/16		100%		Wed 8/10/16	Basic Electrical Materials (Conduits/wiring/disconnects) - Submittals
	(Conduits/wiring/disconnects) - Submittals							
73 78	Louvers & vents - Review / Approval	7 days	Mon 7/25/16		100%	0 days	Thu 10/6/16	s Louvers & vents - Review / Approval  — Above Ground Fuel Storage Tanks - Review / Approval
78 84	Above Ground Fuel Storage Tanks - Review / Approva Basic Electrical Materials	38 days 10 days	Mon 7/25/16 Mon 7/25/16		100%	0 days 0 days	Thu 9/22/16 Wed 8/24/16	Basic Electrical Materials (Condustry/Winsightsomets) - Review / Approval
	(Conduits/Wiring/disconnects) - Review / Approval	20 days	7/23/10		200/0	o uays		
32	Cast-in-place Concrete - Submittal	1 day	Fri 8/12/16	Fri 8/12/16	100%	0 days	Wed 8/24/16	, Cast-in-place Concrete - Submittal
36	Concrete Masonry Units - Submittal	1 day	Fri 8/12/16	Fri 8/12/16	100%	0 days	Wed 8/24/16	Concrete Masonry Units - Submittal
37	Glass Unit Masonry - Submittal	1 day	Fri 8/12/16		100%		Thu 9/8/16	Glass Unit Masonry - Submittal
62	Cast-in-place Concrete - Review / Approval	46 days	Mon 8/15/16		100%	0 days	Thu 9/8/16	Casi-i-place Concrete - Review / Approval
66	Concrete Masonry Units - Review / Approval	18 days	Mon 8/15/16		100%		Thu 9/8/16	Concrete Masony Units - Review / Approval
67	Glass Unit Masonry - Review / Approval Field Instrumentation - Submittals	18 days 1 day	Mon 8/15/16 Wed 8/17/16		100%	0 days 0 days	Thu 9/22/16 Thu 9/22/16	Glass Unit Masonry - Review / Approval Field Instrumentation - Submittals
	Field Instrumentation - Submittals  Field Instrumentation - Review / Approval	1 day 16 days	Wed 8/17/16 Thu 8/18/16		100%		Thu 10/6/16	rea unsumentation - submittatis  == Field Instrumentation - Review / Approval
90		2012	7 207 20	, 5/10		- 0073	, 5/10	
90								
90		Task		Task Progress		Critical	00000000000	☑ Milestone ◆

								MDWASD - PS418 - CPM Schedule - Time Impact Analysis as of 12-18-2019 (TIA)
ID	ask Name	Duration	Est Start	Est Finish	% Complete	Total Float	Baseline Finish	principal design of the contribution of the co
44	Vertical Centrifugal Sewage Pumps Submittals by MDWASD	1 day	Wed 9/28/16	Wed 9/28/16	100%	0 days	Tue 6/14/16	Vertical Centrifugal Sewage Pumps Submittals by MDWASD
45	Ball Valves Submittals by MDWASD	1 day	Wed 9/28/16	Wed 9/28/16	100%	0 days	Tue 6/14/16	l Ball Valves Submittals by MDWASD
46	Hydraulic Accumulator System Submittals by MDWAS	1 day	Wed 9/28/16	Wed 9/28/16	100%	0 days	Tue 6/14/16	Hydraulic Accumulator System Submittals by MDWASD
65	Existing Concrete Repair at Wet Well - Review / Approval	5.5 days	Thu 9/29/16	Tue 11/22/16	100%	0 days	Thu 9/8/16	Existing Concrete Repair at Wet Well - Review / Approval
72	Painting - Review / Approval	5.5 days	Thu 9/29/16		100%		Mon 12/5/16	Painting - Review / Approval
74	Vertical Centrifugal Sewage Pumps Review / Approval by MDWASD	5 days	Thu 9/29/16	Wed 10/5/16	100%	0 days	Tue 6/28/16	n Vertical Centrifugal Sewage Pumps Review / Approval by MDWASD
75	Ball Valves Review / Approval by MDWASD	5 days	Thu 9/29/16	Wed 10/5/16	100%	0 days	Tue 6/28/16	Ball Valves Review / Approval by MDWASD
76	Hydraulic Accumulator System Review / Approval by MDWASD	5 days	Thu 9/29/16	Wed 10/5/16	100%	0 days	Tue 6/28/16	■ Hydraulic Accumulator System Review / Approval by MDWASD
108	Valves - Fabrication/Delivery	53 days	Mon 10/3/16	Thu 3/23/17	100%	0 days	Thu 9/22/16	Valves - Fabrication/Delivery
35	Existing Concrete Repair at Wet Well - Submittals	1 day	Mon 10/24/16	Mon 10/24/16	100%	0 days	Wed 8/24/16	Existing Concrete Repair at Wetl - Submittals
42	Painting - Submittals	1 day	Mon 10/24/16		100%		Thu 11/17/16	Painting - Submittals
34	Lightweight Insulating Concrete - Submittals	1 day	Wed 11/9/16		100%		Thu 9/15/16	Uphtweight insulating concrete - Submittals
38 41	Roofing System - Submittals	1 day	Wed 11/9/16		100%		Thu 10/6/16	i Roofing System - Submittals i Lathina - Submittals
50	Lathing - Submittals  Trolleys/Hoist - Submittals	1 day 0 days	Wed 11/9/16 Wed 11/9/16		100%		Thu 11/17/16 Thu 9/8/16	Lating - Southeas
64	Lightweight Insulating Concrete - Review / Approval	21 days	Thu 11/10/16		100%		Thu 9/29/16	Lightweight Insulating Concrete - Review / Approval
68	Roofing System - Review / Approval	21 days	Thu 11/10/16		100%		Thu 10/20/16	Roofing System - Review / Approval
71	Lathing - Review / Approval	21 days	Thu 11/10/16		100%		Mon 12/5/16	Lathing - Review / Approval
80	Trolleys/Hoist - Review / Approval	7 days	Thu 11/10/16	Fri 11/18/16	100%		Thu 9/22/16	■ Trolleys/Hoist - Review / Approval
100	Vertical Centrifugal Sewage Pumps - Fabrication/Delivery	93.5 days	Tue 11/15/16		100%		Mon 12/5/16	Vertical Centrifugal Sewage Pumps - Fabrication/Delivery
101	Ball Valves - Fabrication/Delivery	48 days	Tue 11/15/16	Fri 3/17/17	100%	0 days	Thu 9/22/16	Ball Valves - Fabrication/Delivery
102	Hydraulic Accumulator System - Fabrication/Delivery	48 days	Tue 11/15/16		100%	0 days	Thu 9/22/16	Hydraulic Accumulator System - Fabrication/Delivery
33	Precast Concrete Joist - Submittals	1 day	Thu 11/17/16		100%		Thu 9/8/16	Precast Concrete Joist - Submittals
63	Precasst Concrete Joist - Review / Approval	54 days	Fri 11/18/16		100%		Thu 9/22/16	Precasst Concrete Joist - Review / Approval
111	Standby Generator System - Fabrication/Delivery	86.6 days	Mon 11/21/16		100%		Tue 2/28/17	Standby Generator System - Fabrication/Delivery
112	Switchgear Medium Voltage - Fabrication/Delivery	79.2 days	Wed 11/30/16		100%		Tue 1/31/17	Switchgear Medium Voltage - Fabrication/Delivery
107	DIP Pipe & Fittings - Fabrication/Delivery	34 days	Mon 1/9/17		100%		Thu 9/8/16	DIP Pipe & Fittings - Fabrication/Delivery  Glass Unit Masonry -Fabrication/Delivery
92	Glass Unit Masonry -Fabrication/Delivery	48.75 days			100%		Mon 12/12/16 Thu 11/3/16	Uses unit mesonity -raoritation/Lenvery  Firstopping Insulation - Fabrication/Delivery
93	Firestopping Insulation - Fabrication/Delivery  Roofing System - Fabrication/Delivery	40 days 25.75 days	Tue 1/10/17 Tue 1/10/17		100%	, .	Mon 11/28/16	Roofing System - Sahiration (Petrey)  Roofing System - Sahiration (Petrey)
99	Louvers & vents - Fabrication/Delivery	72.55 days	Tue 1/10/17		100%		Tue 2/21/17	Louves & vents - Fabrication/Delivery
109	Basic Electrical Materials (Conduits/Wiring/disconnects) - Fabrication/Delivery	5 days	Tue 1/10/17	Tue 6/20/17	100%		Thu 9/22/16	Basic Electrical Materials (Conduits/Wiring/disconnects) - Fabrication/Delivery
59	Controls - Submittals	10 days	Wed 1/18/17	Tue 1/31/17	100%	0 days	Thu 9/22/16	Controls - Submittals
47	Sump Pump - Submittals	1 day	Tue 1/24/17		100%		Thu 10/20/16	Sump Pump - Submittals
77	Sump Pump - Review / Approval	5 days	Wed 1/25/17		100%		Thu 11/3/16	sump Pump - Review / Approval
113	VFD - Fabrication/Delivery	62.8 days	Wed 1/25/17	Fri 4/28/17	100%		Tue 4/11/17	VFD - Fabrication/Delivery
95	Precast Concrete Catch Basins - Fabrication/Delivery	24 days	Mon 1/30/17	Thu 3/2/17	100%	0 days	Wed 8/17/16	Precast Concrete Catch Basins - Fabrication/Delivery
89	Controls - Review / Approval	16 days	Wed 2/1/17	Tue 2/28/17	100%	0 days	Thu 10/6/16	Controls - Review / Approval
110	Electrical Equipment (transformers/MCC/grounding/lighting/etc) ) - Fabrication/Delivery	47.5 days	Wed 2/1/17	Fri 4/28/17	100%	0 days	Thu 10/27/16	Electrical Equipment (transformers/MCC/grounding/lighting/etc) ) - Fabrication/Delivery
115	Field Instrumentation - Fabrication/Delivery	55 days	Wed 2/1/17	Fri 8/11/17	100%	0 days	Tue 5/9/17	Field Instrumentation - Fabrication/Delivery
97	Lathing - Fabrication/Delivery	16.25 days	Mon 2/6/17	Tue 7/18/17	100%	0 days	Mon 1/9/17	Lathing - Fabrication/Delivery
96	Storm Drainage pipe & filter fabric - Fabrication/Deliv	50 days	Mon 2/13/17	Fri 4/21/17	100%	0 days	Wed 8/3/16	Storm Drainage pipe & filter fabric - Fabrication/Delivery
114	Controls - Fabrication/Delivery	74 days	Tue 2/28/17		100%		Tue 5/9/17	Controls - Fabrication/Delivery
104	Above Ground Fuel Storage Tanks -Fabrication/Delive		Wed 3/1/17		100%		Tue 2/14/17	Above Ground Fuel Storage Tanks - Fabrication/Delivery
91	Precasst Concrete Joist - Fabrication/Delivery	41 days	Mon 4/24/17		100%		Thu 11/17/16 Tue 2/14/17	Precast Concrete Joist - Fabrication/Delivery  Beam Canaf Trolley/Affoits - Fabrication/Delivery
49	Beam Crane/Trolleys/Hoist - Fabrication/Delivery  Misc. Metals - Submittals	101 days 8 days	Tue 6/20/17 Fri 6/30/17		100%		Thu 9/15/16	Misc. Metals - Submittals     Misc. Metals - Submittals
79	Misc. Metals - Submittals  Misc. Metals - Review / Approval	33.9 days	Wed 9/13/17		100%		Thu 9/29/16	Misc. Metals - Review / Approval
98	Painting - Fabrication/Delivery	1 day	Mon 12/18/17		100%		Tue 1/17/17	Painting - Fabrication/Delivery
105	Misc. Metals - Fabrication/Delivery	9.8 days	Wed 12/20/17	Wed 9/5/18	100%	0 days	Tue 1/24/17	Misc. Metals - Fabrication/Delivery
103	Sump Pump - Fabrication/Delivery	41 days	Tue 1/16/18	Wed 5/2/18	100%		Tue 1/17/17	Sump Pump - Fabrication/Delivery
	CONSTRUCTION	762 days?	Fri 11/18/16	Tue 12/10/19	100%	0 days	Wed 3/28/18	
117	DIVERT INFLUENT FLOWS (YARD PIPING)	527 days?	Fri 11/18/16		100%		Tue 11/1/16	
118	16" FM - Connect from Hialeah Gardens to City of Hialeah	3 days	Fri 11/18/16	Wed 11/23/16	100%	0 days	Thu 9/29/16	n 16°FM - Connect from Hialeah Gardens to City of Hialeah
126	Relocate exst 2" sump discharge from meter vault + 4" sanitary from exst restroom + 2" from the pump floor sump to the new 16" gravity line	2 days	Mon 11/21/16	7 -7 -	100%	0 days	Tue 10/25/16	Relocate exst 2" sump discharge from meter vault + 4" sanitary from exst restroom + 2" from the pump floor sump to the new 16" gravity line
123	Operate valves and Divert Flows - PS Bypass in service (By WASD)	20 days	Mon 11/28/16	Fri 12/23/16	100%	0 days	Tue 10/18/16	Operate valves and Divert Flows - PS Bypass in service (By WASD)
122	Replace existing 16" PV (V1) - Extra Work	11 days	Thu 12/8/16	Thu 12/22/16	100%	0 days	NA	Replace existing 16° PV (VI) - Extra Work
121	Plug 48" opening influent at PS	25 days	Mon 1/9/17		100%		Mon 10/17/16	= Plug 48° opening influent at PS
127	Install New Trench Drain and new Catch Basins #1 & #2		Mon 5/8/17		100%		Tue 11/1/16	■ Install New Trench Drain and new Catch Basins # 1 & # 2
119	EXTRA WORK - New 30" Flowmeter Assembly and	68 days	Tue 5/1/18	Fri 8/3/18	100%	0 days	NA	EXTRA WORK - New 30" Flowmeter Assembly and connection to existing 30" FM
120	connection to existing 30" FM 24" DIP By-pass branch main	5 days	Mon 8/6/18	Fri 8/10/18	100%	0 days	Thu 10/13/16	24° DIP By-pass branch main
125	16" Suction pipe from City of Hialeah Gardens to P	4 days	Fri 8/10/18		100%		Fri 10/21/16	■ 16" Suction pipe from City of Hialeah Gardens to PS
124	Extra Work - Relocate water service and backflow preventor	4 days?	Thu 1/10/19	Tue 1/15/19	100%	0 days	NA	Extra Work - Relocate water service and backflow preventor
_								
		Task		Task Progress		Critical	200000000000000000000000000000000000000	Micros •
MET	RO EQUIPMENT SERVICE, INC.							Page 2 of 4

								MDWASD - PS418 - CPM Schedule - Time Impact Analysis as of 12-18-2019 (TIA)
ID Ta	ask Name	Duration	Est Start	Est Finish	% Complete	Total Float	Baseline Finish	
28	SELECTIVE DEMOLITION	229 days	Tue 2/14/17	Fri 1/19/18	100%	0 days	Wed 12/7/16	<u>Барания амихам, начания на началаннями жинина начания на начания нача</u>
30	MES requested WASD to provide locations to deliver salvaged equipment/materials	1 day	Tue 2/14/17	Tue 2/14/1	7 100%	0 days	Wed 7/27/16	♦ MES requested WASD to provide locations to deliver salvaged equipment/materials
33	Demolition WASD provided locations to deliver salvaged	29 days 0 days	Mon 3/13/17 Wed 3/29/17	Thu 4/20/17 Wed 3/29/17	7 100%	0 days	Mon 11/7/16 Wed 7/27/16	Demolition    WASD provided locations to deliver salvaged equipment/materials
4	equipment/materials  EXTRA WORK - Stop Sewage Influent from 30"  Discharge Line	18 days	Mon 6/26/17		7 100%	0 days	NA	EXTRA WORK - Stop Sewage Influent from 30* Discharge Line
32	Demolition of existing fillet at Wet Well - Part # 1 of 3	6 days	Mon 8/28/17	Tue 9/5/17	100%	0 days	NA	Demolition of existing fillet at Wetl - Part # 1 of 3
131	Demolition of existing fillet at Wet Well - Part # 2 of 3	20 days	Mon 9/18/17	Fri 10/13/1	7 100%	0 days	NA	Demolition of existing fillet at Wet Well - Part # 2 of 3
35	Demoliton of existing fillet at Wet Well - Part # 3 of 3.	20 days	Mon 10/16/17	Fri 11/10/1	7 100%	0 days	NA	Demoliton of existing fillet at Wet Well - Part # 3 of 3.
37	Remove concrete between old wet well and dry well for openings for access	11 days	Mon 11/27/17	12/11/17	100%	, .	Wed 12/7/16	Remove concrete between old wet well and dry well for openings for access
136	Upgrade floor opening in Upper level for access to pumps		Tue 1/16/18			0 days	Fri 12/2/16	Upgrade floor opening in Upper level for access to pumps
138	CLEANING AND REPAIR OF WET WELL  Pressure clean wet well	44 days 10 days	Wed 2/15/17 Wed 2/15/17			0 days 0 days	Mon 1/30/17 Mon 12/12/16	■ Pressure clean wet well
140	Sandblast wet well	5 days	Mon 3/6/17			0 days	Mon 12/19/16	s Sandblast wet well
141	Inspect wet well for structural damage	1 day	Fri 3/17/17				Fri 12/23/16	Inspect wet well for structural damage
142	Restore/Repair concrete as directed by WASD	18 days	Thu 3/23/17			0 days	Mon 1/30/17	Restore/Repair concrete as directed by WASD
175	ELECTRICAL ROOM AND GENERATOR ROOM ADDITION	680 days?	Fri 3/31/17	Tue 12/10/19	100%	0 days	Wed 3/28/18	
176	MES notified WASD of potential unsuitable soils at the footing locations for the new building addition					0 days	NA	MES notified WASD of potential unsuitable soils at the footing locations for the new building addition
177	Soil Report for foundations by WASD	25 days	Sat 4/1/17	-7-7	100%	0 days		Soil Report for foundations by WASD
199	Install electrical equipment (Switchgear / MCC)	26 days	Mon 5/1/17			0 days	Wed 11/29/17	Install electrical equipment (Switchgear / MCC) Install electrical equipment (VFD's )
178	Install electrical equipment (VFD's )  Additional excavation and imported fill for stabilization of footings area @ Mechanical Room	21.5 days 5 days	Mon 5/1/17 Mon 5/8/17			0 days	Wed 1/24/18 NA	Install exclusion extract equipment (VPD 5)  Additional excavation and imported fill for stabilization of footings area @ Mechanical Room N
180	Place footings/Foundations Conflict with exst elecric duct bank at footing @	34 days 17 days	Mon 5/15/17 Tue 5/23/17			0 days	Thu 6/15/17	Place footings/Foundations Conflict with exit electic duct bank at footing @ Generator room
83	Generator room  Pour for footings cancelled due to unavailability of	1 day	Tue 6/20/17			0 days		Pour for footings cancelled due to unavailability of sign and seal soil reports by WASD
81	sign and seal soil reports by WASD  Rebar inspection fall due to Hialeah inspector did	1 day	Wed 6/21/17		100%	0 days		Rebar inspection fail due to Hialeah inspector did not accept WASD sketch for the modified Generator #1 pad
184	not accept WASD sketch for the modified Generator #1 pad Concrete floor slab	18.4 days	Fri 7/21/17	6/21/17			Fri 7/7/17	Concrete floor slab
182	Rebar inspection fail due requesting revised permit set of drawings	8 days				0 days	NA	Rebar inspection fail due requesting revised permit set of drawings
186 185	Concrete tie columns  Lay concrete block	16 days 31 days	Mon 8/28/17 Fri 9/1/17			0 days 0 days	Fri 8/4/17 Fri 7/21/17	Concrete tie columns Lay concrete block
191	Concrete pad support for generators	12 days	Wed 9/20/17	Thu 10/5/1	7 100%	0 days	Wed 10/25/17	☐ Concrete pad support for generators
187	Place psi joist	16.4 days	Mon 10/23/17	Thu 12/7/17	7 100%	0 days	Wed 8/9/17	Place psi joist
188	Tie Beams and roof slab	7 days	Wed 11/8/17				Fri 9/1/17	■ Tie Beams and roof slab
192	Install Generators 1 and 2 Install roof mounted muffler	1 day 24.65 days	Mon 1/22/18 Fri 1/26/18	Mon 1/22/1 Wed 8/15/18	8 100% 100%	0 days	Wed 11/8/17 Tue 1/9/18	Install Generators 1 and 2   Install roof mounted muffler
90	Install windows , doors , glass block and louvers	18 days	Mon 1/29/18	Fri 10/12/18		0 days	Mon 10/16/17	Install windows, doors, glass block and louvers
189	Roofing system	24.2 days	Mon 3/19/18			0 days	Mon 9/18/17	Roofing system install HVAC system
204	Install HVAC sytem  Install lighting and grounding systems	14.25 days 31 days	Tue 4/10/18 Mon 6/11/18			0 days	Mon 11/6/17 Wed 2/21/18	install lighting and grounding systems
211	Install plumbing Fixture	0 days	Mon 6/18/18			0 days	Mon 3/19/18	A instal pulmbing fixture
202	Install Instrumentation/Control - Panels	24 days	Thu 7/12/18			0 days	Wed 1/31/18	Install Instrumentation/Control - Pane's
201	Install electrical equipment (Misc. panels)	0 days	Mon 7/23/18			0 days	Wed 2/21/18	Install electrical equipment (Misc. panels)
193	Construct concrete pad for above-ground fuel tank	8 days	Fri 8/17/18	Mon 9/17/1	8 100%	0 days	Wed 11/22/17	construct concrete pad for above-ground fuel tank
94	Install above ground 10,000 gallon fuel tank	1 day	Tue 9/25/18			0 days	Fri 12/8/17	ı Install above ground 10,000 gallon fuel tank
205	Stucco / Lathing	5 days	Tue 10/2/18			0 days	Thu 3/1/18	® Stucco / Lathing
97	Install air intake louvers and hoods for Generators 1 and 2		Tue 10/9/18	Tue 10/16/18	100%	0 days	Mon 1/15/18	Install air intake louvers and hoods for Generators 1 and 2
03	Install Instrumentation/control - End Devices	24.5 days	Tue 10/16/18			0 days	Wed 3/14/18	Install Instrumentation/control - End Devices  # Painting  # Painting
06 95	Painting  Install fuel piping between fuel tank and Generators 1 and 2	5 days 18 days	Fri 11/16/18 Mon 12/10/18			0 days	Thu 3/15/18 Fri 12/15/17	Painting Install fuel piping between fuel tank and Generators 1 and 2
13	Install new Pump Hatch at Pump Control Room	3 days	Wed 12/12/18	Fri 12/14/11	8 100%	0 davs	Mon 2/26/18	Install new Pump Hatch at Pump Control Roon
07	Generator Testing - Operational Testing	3 days	Thu 4/11/19				Mon 3/19/18	Benerator Testing - Operational Testing
09	Generator Testing - Load Bank Testing	1 day	Tue 4/16/19				Tue 3/20/18	Generator Testing - Load Bank Testing
21	Delay-Remove/Replace existing FPL Meter enclosure at FPL Transformer Room	2 days	Mon 5/27/19			0 days		Delay-Remove/Replace existing FPL Meter enclosure at FPL Transformer Room
22	Testing - Electrical systems  Delay - Install additional lighting system at pipe	38 days 27 days	Fri 5/31/19 Thu 6/13/19			0 days 0 days	Tue 2/27/18 NA	Testing - Electrical systems  Delay - Install additional lighting system at pipe gallery and motor room
17	gallery and motor room  Delay - Pump/Motors missing Temp/Vib sensors	82 days	Thu 6/20/19			0 days		Delay - Pump/Motors missing Temp/Vib sensors
218	Delay - Ball Control Valves Non-Functional Limit Switches	33 days?	Wed 10/23/19	Fri 12/6/19	100%	0 days	NA	Delay - Ball Control Valves Non-Functional Limit Switches
	Switchies							
	Critical Progress	Task		Task Progre	ss	Critica	000000000000000000000000000000000000000	300 Milestone ◆
ETF	RO EQUIPMENT SERVICE, INC.						-	Page 3 of 4

D Task Name  Delay - Modify Power Supply to HVAC Equipment  Testing - Mechanical systems  Testing - Menhanical systems  System Startup - Manual Operation & Divert Flow  to new Booster Station  Delay - Sewer Connection for the toilet & sump  pumps discharge flow  Testing - Instrumentation/Control systems  43	3 days 53 days	Mon 6/24/19 Tue 8/20/19 T	Tue 8/13/19	% Complete	Total Float Baseline Finish  O days NA	2012  Delay - Modify Power Supply to HVAE Equipment
14 Testing - Mechanical systems 15 Testing - Pumps & Motors 16 System Startup - Manual Operation & Divert Flow 17 Extra - Manual Operation & Divert Flow 18 Delay - Sewer Connection for the tollet & sump 18 pumps discharge flow 19 Testing - Instrumentation/Control systems 10 Generator Testing - Paralelling Testing 24 Startup/Commissioning 19 Delay - Manual Speed Control Potentiometer at 19 Pump VFD LCD 10 INSTALL PIPING AT PUMP STATION	3 days 53 days s 1 day	Wed 8/14/19 Tue 8/20/19		100%	0 days NA	Delay-Molfy Power Supply to WTAC Equipment
15 Testing - Pumps & Motors  80 System Startup - Manual Operation & Divert Flow  10 Delay - Sewer Connection for the toilet & sump  10 Generator Testing - Paralelling Testing  10 Generator Testing - Paralelling Testing  11 Startup Commissioning  12 Satrup Commissioning  13 Delay - Manual Speed Control Potentiometer at  14 INSTALL PIPING AT PUMP STATION	53 days s 1 day	Tue 8/20/19 T	Fri 8/16/19			
System Startup - Manual Operation & Divert Flow     to new Booster Station     Delay - Sever Connection for the toilet & sump     pumps discharge flow     Testing - Instrumentation/Control systems     Generator Testing - Paralelling Testing     Startup/Commissioning     Delay - Manual Speed Control Potentiometer at     pump WPD LCD     INSTALL PIPING AT PUMP STATION	s 1 day		, -0, 20	100%	0 days Tue 3/6/18	# Testing - Mechanical systems
to new Booster Station  Delay - Sewer Connection for the toilet & sump pumps discharge flow  Testing - Instrumentation/Control systems  Generator Testing - Paralelling Testing  Startup/Commissioning  Delay - Manual Speed Control Potentiometer at Pump WPU LCD  INSTALL PIPING AT PUMP STATION					0 days Fri 3/9/18	Testing - Pumps & Motors
pumps discharge flow Testing - Instrumentation/Control systems Generator Testing - Paralelling Testing Startup/Commissioning Delay - Manual Speed Control Potentiometer at Pump VPD LCD INSTALL PIPING AT PUMP STATION	61 days	Thu 8/22/19 1	Thu 8/22/19	100%	0 days NA	System Startup - Manual Operation & Divert Flows to new Booster Station
10 Generator Testing - Paralelling Testing 24 Startup/Commissioning 19 Delay - Manual Speed Control Potentiometer at Pump VPD LCD 33 INSTALL PIPING AT PUMP STATION		Fri 9/13/19	Fri 12/6/19	100%	0 days NA	Delay - Sewer Connection for the toilet & sump pumps discharge flow
Startup/Commissioning Delay - Manual Speed Control Potentiometer at Pump VFD LCD INSTALL PIPING AT PUMP STATION	24 days	Mon 9/30/19 T		100%	0 days Tue 3/20/18	Testing - instrumentation/Control systems
Delay - Manual Speed Control Potentiometer at Pump VFD LCD  INSTALL PIPING AT PUMP STATION	1 day	Thu 10/17/19 T		100%	0 days Wed 3/21/18	Generator Testing - Paralelling Testing  Startup/Commissioning
Pump VFD LCD  INSTALL PIPING AT PUMP STATION	4 days 16 days	Tue 10/29/19 Tue 11/19/19	Tue	100%	0 days Wed 3/28/18 0 days NA	
	542 days	Thu 4/13/17 V	12/10/19		0 days Wed 8/30/17	
MES informed WASD of conflict with exisiting	0 days	Thu 4/13/17		100%	0 days Mon 3/6/17	φ MES informed WASD of conflict with exisiting concrete fillet at bottom of wet well
concrete fillet at bottom of wet well  WASD evaluating solution for conflict with	36 days	Fri 4/14/17 1	Tue 6/13/17	100%	0 days Mon 3/6/17	WASD evaluating solution for conflict with existing concrete fillet at bottom of wet well
existing concrete fillet at bottom of wet well  Construct concrete slab at dry well cavity	16.4 days	Mon 7/24/17	Eri 0/10/17	100%	0 days Wed 5/17/17	Construct concrete slab at dry well cavity
52 Construct concrete slab at wet well cavity	4.5 days	Mon 11/13/17 F		100%	0 days Mon 3/6/17	Construct concrete slab at wet well cavity
62 Install supports for pumps at dry well cavity	30.05 days	Thu 11/23/17	Fri 3/2/18	100%	0 days Thu 6/1/17	Install supports for pumps at dry well cavity
8 Design Modifications to the pump pier supports	8 days	Mon 11/27/17	Wed	100%	0 days NA	Design Modifications to the pump pier supports by WASD
by WASD  Design Conflict at concrete pier pump base	1 day	Fri 3/2/18	12/6/17 Fri 3/2/18	100%	0 days NA	Design Conflict at concrete pier pump base assemblies - STOP WORK
assemblies - STOP WORK  56 Design Conflict at concrete pier pump base	9 days	Fri 3/2/18	Wed 4/4/18	100%	0 days NA	Design Conflict at concrete pier pump base assemblies - Removal of base plate/Partial demo of piers/Redesign by WASD , Rework & Reinstallation
assemblies - Removal of base plate/Partial demo of piers/Redesign by WASD , Rework & Reinstallation	9 days	FII 3/2/16	wed 4/4/16	100%	o days IVA	
55 Mechanical Crew - Remob to jobsite after resolution of design conflict at concrete pier pump base	3 days	Thu 4/5/18	Mon 4/9/18	100%	0 days NA	Mechanical Crew - Remob to jobsite after resolution of design conflict at concrete pier pump base
Install 42"/24"/16" DI suction manifold up to dry  Construct pipe supports for influent pipes	w 32 days 0 days	Mon 4/9/18 V Mon 5/7/18	Ved 8/15/18 Fri 6/8/18	100%	0 days Wed 4/26/17 0 days Mon 3/20/17	Install 42"/24"/16" DI suction manifold up to dry well  • Construct pipe supports for influent pipes
Install 30"/20"DI discharge manifold with Vertical		Tue 6/26/18		100%	0 days Fri 8/4/17	Install 30°/20°DI discharge manifold with Vertical Pumps and Motors
Pumps and Motors						■ Delay/Extra Work - Remove installed pumps & transportation to Manufactorers facility for refurbishing
transportation to Manufactorers facility for refurbishing	10 days	Mon 7/16/18		100%	0 days NA	Delay - Refurbish Pumps by Manufacturer's representative
representative	45 days	Mon 7/30/18 1		100%	0 days NA	
Upgrade traveling crane at Pump Control Room Install wall pieces at 42" & 16" suction	1 day	Tue 9/4/18	., , .	100%	0 days Tue 2/21/17	Upgrade traveling crane at Pump Control Room Install wall pieces at 42" & 16" suction
9 Install wall pieces at 42" & 16" suction 6 Construct Stairs/Platforms	16 days 38 days	Mon 9/10/18 F Mon 9/24/18 A		100%	0 days Mon 3/27/17 0 days Thu 6/22/17	Insular war pieces at a c. 10 soutcom  Construct StairtyPatforms
Install Hydraulic accumulator system in old Odor control Room		Mon 10/22/18		100%	0 days Wed 8/30/17	Install Hydraulic accumulator system in old Odor control Room
2 Install seal water system	3.75 days	Tue 10/23/18	Tue 2/5/19	100%	0 days Fri 8/11/17	Install seal water system
7 Delay - Remove/Transport Pump Motors to Manufacturer's representative for testing	1 day	Wed 12/5/18	Wed 12/5/18	100%	0 days NA	Delay - Remove/Transport Pump Motors to Manufacturer's representative for testing
73 Install sump pumps	3 days	Wed 12/5/18		100%	0 days Wed 8/16/17	# Install sump pumps
9 Delay - Test/Refurbish pump Motors by Manufacturer's representative (by others)	20 days	Thu 12/6/18		100%	0 days NA	Delay - Test/Refurbish pump Motors by Manufacturer's representative (by others)
Transport refurbished pumps from manufacturer's representative facitily to jobsite (by others)	1 day	Thu 12/6/18 1	Thu 12/6/18	100%	0 days NA	Transport refurbished pumps from manufacturer's representative facitily to jobsite (by others)
Delay/Extra work - Reinstall refurbished pumps	3 days	Fri 12/7/18	Tue 12/11/18	100%	0 days NA	Delay/Extra work - Reinstall refurbished pumps
Delay - Transport pump motors from manufacturer's representative facility to jobsite (by others)	0 days	Tue 1/22/19		100%	0 days NA	♦ Delay - Transport pump motors from manufacturer's representative facility to jobsite (by others)
<ul> <li>Delay/Extra work -Install reburbished pump motors assemblies</li> </ul>	18 days	Wed 1/23/19	Fri 2/15/19	100%	0 days NA	Delay/Extra work - Install reburbished pump motors assemblies
Delay - Missing motor connection devices (Owner's furnished equipment)	24 days	Thu 1/24/19	Fri 5/17/19	100%	0 days NA	Delay - Missing motor connection devices (Owner's furnished equipment)
9 Delay - City of Hialeah - Electrical Plans Revision	33 days	Sun 4/28/19	Wed 6/12/19	100%	0 days NA	Delay - City of Hialeah - Electrical Plans Revision
i4 FPL - Energize Power to new Booster Station	0 days	Wed 5/1/19 T		100%	0 days NA	♦ FPL - Energize Power to new Booster Station
1 Connect Motors to new electrical equipment	5 days	Mon 5/20/19	Fri 5/24/19	100%	0 days Fri 8/11/17	© Connect Motors to new electrical equipment
<ul> <li>City of Hialeah - Final electrical Inspection (Temp for Test)</li> </ul>	3 days	Mon 5/27/19	Wed 5/29/19	100%	0 days NA	ECity of Hialeah - Final electrical Inspection (Temp for Test)
5 GRADING , PAVING AND OTHER MISCELLANEOUS WO	F 344 days	Mon 8/6/18 N		100%	0 days Thu 4/19/18	
6 Modifications to existing Meter Vault	5 days	Mon 8/6/18			0 days Wed 4/4/18	s Modifications to existing Meter Vault
7 Site Grading	4 days	Mon 8/19/19			0 days Wed 4/11/18	Site Grading
Site Paving Sodding	1 day 1 day	Fri 8/23/19 Fri 12/6/19 N		100%	0 days Wed 4/18/18 0 days Thu 4/19/18	1 Site Paving Sodding
	Task		Tack Pronner		Critical	Metore ♦
Critical Progress						

# Exhibit D



9415 SW 72<sup>nd</sup> Street, Suite 131 Miami, FL 33173 (305) 740-3303 Office, (305) 740-3305 Fax

January 18th, 2020

Letter # 1601-123

Miami-Dade Water and Sewer Dptm. CD PM/CM Team 135 San Lorenzo Ave, Suite 600 Coral Gables, FL 33146

Attn: Mr. Pedro Angel
Construction Manager

Ref.: Conversion of Sewage Pump Station 418 to Booster Station – Contract S758R Letter # 1601-122

**Subject : Contract Time Extension** 

Mr. Angel,

Further to our previous communications in regards to the above referenced subject, we would like to expand on some of the specifics of the individual delay items.

As you are aware, the progress of the project has been impacted by several delays beyond our control. This situation has caused that the project completion date had to be extended from the original scheduled date. The attached CPM Schedule Update / Time Impact Analysis ("TIA") shows in detail the aforementioned delays and their consequences to the progress of the project.

This CPM Schedule TIA shows a net direct impact of 355 calendar days to the Project's critical path. The attached TIA includes some of the most significant direct delays which impacted the project's critical path since the previous Contract Time Extension, as follows:

#### 1.- Refurbish Owner's furnished Pump and Motors.-

The Pumps and Motors delivered to the jobsite presented signs of deterioration of certain components as well as evidence of improper storage procedures for a very extended period of time at the Owner's facilities. Consequently, MDWASD decided to remove the Pumps and Motors from the jobsite and direct the Pump/Motor Manufacturer to proceed to refurbish all the equipment to original factory standards.

#### 2.- Missing Connection blocks for the Owner's furnished Motors for the Sewage Pumps.-

The Motors delivered to the jobsite did not have the proper connection block assemblies for the electrical power connection from the Switchgear equipment. The Motors Manufacturer had to



9415 SW 72<sup>nd</sup> Street, Suite 131 Miami, FL 33173 (305) 740-3303 Office, (305) 740-3305 Fax

order the required Connection blocks and proceed to install the replacement equipment at the motors previously installed in the Pump Station.

3.- <u>City of Hialeah Bldg. Dptm. Permit revision due to Electrical drawings redesign by MDWASD</u>.- The original Contract Electrical Drawings had to be redesigned by MDWASD to add several additional electrical features and upgrades including ,but not limited to, additional lighting fixtures at the lower level of the Pump Station Building, additional grounding systems at the lower level of the Pump Station building, battery charger changed location, exhaust fan changed location at the bathroom facilites, etc.

#### 4.- Remove and Replace FPL Meter Enclosure at FPL Transformer Room .-

The original Contract Drawings called for the existing FPL Meter Enclosure at FPL Transformer Room to remain. FPL requested that the existing Meter Enclosure needed to be replaced due to its deteriorated condition in order for FPL to proceed to provide permanent power to the new Booster 418 Station. MDWASD directed the Contractor to proceed with the extra work of removing and replacing the existing Meter Enclosure.

#### 5.- Install additional lighting system at pipe gallery and pump room .-

The original Contract Drawings did not include a lighting system at the pipe gallery and pump room. MDWASD directed the Contractor to proceed with the extra work of furnishing and installing a lighting system at the pipe gallery and pump room.

#### 6.- Modify Power supply to HVAC Equipment .-

The power supply requirements as shown on the original Contract Drawings had to be upgraded in order to be able to provide the required power to the specified HVAC Equipment. MDWASD directed the Contractor to proceed with the extra work of furnishing and installing upgraded breakers and conduits/wiring for the power supply system for the HVAC equipment.

#### 7.- Missing Vibration/Temperature sensors at Motor/Pump Assemblies .-

The Sewage Pumps/Motors assemblies furnished by the Owner did not have all the required Vibration/Temperature sensors. The Pump/Motor Manufacturer had to order the missing Vibration and Temperature sensors and proceed to install the missing devices at the Pump/Motors previously installed in the Pump Station.

#### 8.- Manual Speed Potentiometer at Pump VFD LCP Panels .-

MDWASD directed the Contractor to proceed with the extra work effort of furnishing and installing a manual speed Potentiometer at the Pump VFD's LCP Panels to provide enhanced functionality to the new Booster 418 Station.



9415 SW 72<sup>nd</sup> Street, Suite 131 Miami, FL 33173 (305) 740-3303 Office, (305) 740-3305 Fax

9.- Modification to the Sewer connection for the bathroom and sump pumps discharge flows .- MDWASD directed the Contractor to proceed with the extra work effort of furnishing and installing an additional plug valve in the previously installed sewer connection for the bathroom and sump pump discharge flows in order to provide critical functionality in terms of emergency shut-off capabilities for the avoidance of potential sewer backflows to the new Booster 418 Station.

#### 10.- Ball Control Valves Non-Functional 95 % Limit Switches .-

The Ball Control Valves assemblies furnished by the Owner included the 95% Limit Switches which were not compatible/not-suitable with the specified control systems. The Pump/Motor Manufacturer had to order new suitable Limit Switches and proceed to install the suitable devices at the Ball Control Valves previously installed in the Pump Station.

Based on all the above, please proceed to issue a Change Order for the Contract Time Extension of 355 calendar days as soon as possible in order to avoid further financial burdens in our firm.

Sincerely,

Jorge Fonte

Jorge Fonte

Metro Equipment Service, Inc.

MDWASD - Booster Pump Station No. 418

	Final Contract Time Extension (Time Impact Analysis)			
Activity ID	Delay Description	Start Delay	<b>End Delay</b>	TOTAL Delay (CD)
145,147,148,149,157, 163,164 & 165	Refurbish Owner's furnished Pump & Motors	7/16/2018	2/15/2019	214
170	Missing Connection Blocks for Motor Pumps (Owner's furnished Equipment)	1/24/2019	5/17/2019	113
169	Ocity of Hialeah Bldg Deptm - Electrical Plan Revisions due to electrical redesign by MDWASD	4/28/2019	6/12/2019	45
220	Remove/Replace FPL Meter enclosure at FPLTransformer Room	5/27/2019	5/28/2019	2
216	5 Install additional lighting system at pipe gallery and pump room	6/1/2019	7/19/2019	48
212	2 Modify Power Supply to HVAC Equipment	6/24/2019	8/13/2019	50
217	7 Missing Vibration/Temperature Sensors at Motor/Pump Assemblies	6/20/2019	10/11/2019	113
219	9 Manual Speed Potentiometer at Pump VFD LCP	11/19/2019	12/10/2019	21
220	O Modification to the sewer connection for the bathroom and sump pumps discharge flows	9/13/2019	12/6/2019	84
218	Ball Control Valves Non-Functional 95 % Limit Switches	10/23/2019	12/6/2019	44
	TOTAL DE	LAY DAYS (CALE	NDAR DAYS):	734
	NET DELAY DAYS (CALENDAR DAYS)	PER CPM TIA as o	f 12-18-2019:	355

#### RECAP - DELAYS - TIME EXTENSION

Contract Completion Date prior to this TIA: 12/28/2018

Contract Time Extension due to this TIA (Calendar Days) : 355
Adjusted Final Completion Date : 12/18/2019

ID :								MDWASD - PS418 - CPM Schedule - Time Impact Analysis as of 12-18-2019 (TIA)
	Fask Name	Duration	Est Start	Est Finish	% Complete	Total Float	Baseline Finish	
1	GENERAL ACTIVITES	889 days	Sat 5/28/16	Ved 12/18/19	100%	0 days	Sat 4/28/18	
2	Notice To Proceed	0 days	Sat 5/28/16	Sat 5/28/16	100%	0 days	Tue 5/31/16	♦ Notice To Proceed
7	City of Hialeah - Building Permit	9 days	Fri 6/10/16		100%	0 days	Wed 7/27/16	City of Hialeah - Building Permit
18	Pump Room Re-design	42 days		Thu 10/6/16	100%	0 days	Tue 10/25/16	Pump Room Re-design
13	City of Hialeah - Completion of Sanitary Sewer Projec	1 day	Thu 11/17/16		100%	0 days	Thu 9/15/16	♦ City of Hialesh - Completion of Sanitary Sewer Project
14	Setup Contractor Stating area at School Board Easement	0 days	Fri 11/18/16	Fri 11/18/16	100%	0 days	Tue 6/21/16	
16	Mobilization for Yard Piping Construction	1 day	Fri 11/18/16	Fri 11/18/16	100%	0 days	Fri 9/16/16	, Mobilization for Yard Piping Construction
17	Mobilization for Pump Station Construction	0 days	Mon 1/9/17	Mon 1/9/17	100%	0 days	Tue 10/25/16	
3	Contract Time Extension - 63 Days - Hialeah Sewer	0 days	Wed 2/8/17	Wed 2/8/17	100%	0 days	Wed 7/27/16	♦ Contract Time Extension - 63 Days - Hialeah Sewer Project Completion
45	Project Completion							= Setup Field Office Trailer at School Board Essement
15	Setup Field Office Trailer at School Board Easement	10 days 0 days	Mon 4/3/17 Wed 4/12/17	Fri 4/14/17 Wed	100%	0 days	Tue 10/25/16 Wed 7/27/16	Scrup return of the frame a Scriptor Scriptor     Contract Time Steamion - 23 Dos Replace exist 16" Valve
	Contract Time Extension - 23 Days - Replace exst 16" Valve	o days	Weu 4/12/17	4/12/17	100%	o days	Wed 7/27/10	V
5	Contract Time Extension - 23 Days - Influent Pipe	0 days	Wed 4/12/17	Wed	100%	0 days	Wed 7/27/16	Oontract Time Extension - 23 Days - Influent Pipe Infiltration
	Infiltration			4/12/17				s Rain Delay
12	Rain Delay	5 days		Fri 6/9/17	100%	0 days	NA NA	Hurricane Irma - Work Stoppage
11	Hurricane Irma - Work Stoppage	6 days	Wed 9/6/17 Wed 10/4/17		100%		NA NA	Rain Delav
10	Rain Delay Rain Delay	1 day 1 day	Thu 10/5/17		100%	0 days 0 days	NA NA	Rain Delay
9	Rain Delay	1 day		Fri 10/6/17	100%		NA NA	Rain Delay
6	Contract Time Extension - 8 Days - Hurricane Irma	0 days	Tue 12/5/17		100%		Wed 7/27/16	
	Impacts							
19	Time Extension - 92 Calendar days	0 days		Mon 1/15/18	100%	0 days	NA NA	Time Extension - 92 Calendar days  Control Time Extension - 124 Days Refusibilities of RemarkAnters
23	Contract Time Extension - 134 Days - Refurbishing of Pumps/Motors	0 days	Mon 12/17/18	Mon 12/17/18	100%	0 days	NA	♦ Contract Time Extension - 134 Days - Refurbi-jhing of Pumps/Motors
21	MD-DERM Certification - MDWASD submitted	1 day	Tue 10/8/19	Tue 10/8/19	100%	0 days	NA	MD-DERM Certification - MDWASD submitted application
	application							
20	Final Signed and Sealed Project Asbuilt Drawings approved by MDWAD	1 day	Wed 10/9/19	Wed 10/9/19	100%	0 days	NA	; Final Skijned and Sealed Project Asbuilt Drawings approved by MOWAD
28	Project Close-out Documents	6 days	Wed 10/0/10		100%	0 days	Fri 4/27/18	Project Close-out Documents
22	MD-DERM Certification - MD-DERM approval -	1 day	Wed 10/9/19 Fri 10/11/19		100%		NA NA	MD-DEM Certification - MD-DEMM approval - Project is certified
	Project is certified	,	,,,	10, 11, 15		,-		
26	Owner's Training	0 days	Tue 10/29/19	Fri 11/8/19	100%	0 days	Thu 4/12/18	♦ Owner's Training
24	Project Substantial Completion	1 day	Fri 11/8/19		100%	0 days	Thu 3/29/18	Project Substantial Completion
25	Punch List	28 days	Mon 11/11/19		100%	0 days	Fri 4/27/18	Punch List
27	City of Hialeah Bldg Dptm - Final Inspection approved	1 day	Wed 12/18/19 Wed 12/18/19		100%	0 days	NA	City of Hialeah Bidg Dptm - Final Inspection approved Project Final completion (Dec-18-2019)
	Project Final completion (Dec-18-2019)  SHOP DRAWINGS SUBMITTAL / REVIEW / APPROVAL	1 day 570 days	Mon 6/6/16		100%		Sat 4/28/18 Tue 5/9/17	riget risa compression (see 19-20-5)
31	CPM Construction Schedule - Submittal	1 day	Mon 6/6/16		100%	0 days	Tue 6/7/16	CPM Construction Schedule - Submittal
56	Standby Generator System - Submittal	1 day	Wed 6/8/16	, ., .	100%	0 days	Tue 6/14/16	. Standby Generator System - Submittal
57	Switchgear Medium Voltage - Submittal	1 day	Wed 6/8/16		100%	0 days	Tue 6/14/16	Switchgear Medium Voltage - Submittal
61	CPM Construction Schedule - Review / Approval	48 days	Wed 6/8/16	Mon 8/15/16	100%	0 days	Tue 6/21/16	CPM Construction Schedule - Review / Approval
86	Standby Generator System - Review / Approval	7 days	Thu 6/9/16	Mon 11/21/16	100%	0 days	Tue 6/28/16	Standby Generator System - Review / Approval
87	Switchgear Medium Voltage - Review / Approval	9.5 days		Wed 11/30/16	100%	0 days	Tue 6/28/16	Switchgear Medium Voltage - Review / Approval
51	Pipe & Fittings - Submittal	1 day		Fri 6/10/16	100%	0 days	Tue 6/28/16	Pipe & Fittings - Submittal 
52 81	Valves - Submittal  Pipe & Fittings - Review / Approval	1 day 32 days	Mon 6/13/16 Mon 6/13/16		100%	0 days	Tue 6/28/16 Wed 7/13/16	v eares - suomittai  — Pipe & Rittings - Review / Approval
82	Valves - Review / Approval	32 days 36 days	Tue 6/14/16		100%	0 days	Wed 7/13/16 Wed 7/13/16	Values Review / Approval
39	Precast Concrete Catch Basins - Submittals	1 day	Wed 6/15/16		100%	0 days	Wed 7/13/16	Precast Concrete Catch Basins - Submittals
69	Precast Concrete Catch Basins - Review / Approval	14 days	Thu 6/16/16		100%	0 days	Wed 7/27/16	Precast Concrete Catch Basins - Review / Approval
40	Storm Drainage pipe & filter fabric - Submittals	1 day	Fri 6/17/16	Fri 6/17/16	100%	0 days	Tue 6/28/16	1 Storm Drainage pipe & filter fabric - Submittals
70	Storm Drainage pipe & filter fabric - Review / Approve	5 days	Mon 6/20/16		100%	0 days	Wed 7/20/16	g Storm Drainage pipe & filter fabric - Review / Approval
55	Electrical Equipment (Transformers/MCC/grounding/lighting/etc) -	1 day	Fri 7/1/16	Fri 7/1/16	100%	0 days	Wed 8/3/16	Electrical Equipment (Transformers/MCC/grounding/lighting/etc) - Submittals
58	VFD - Submittal	1 day	Fri 7/1/16	Fri 7/1/16	100%	0 days	Wed 7/13/16	, VFD - Submittal
88	VFD - Review / Approval	16 days			100%	0 days	Wed 7/13/16 Wed 7/27/16	VFD - Review / Approval
85	Electrical Equipment	24 days	Tue 7/5/16	Fri 8/5/16	100%	0 days	Wed 8/17/16	Electrical Equipment (Transformers/MCC/grounding/lighting/etc) - Review / Approval
	(Transformers/MCC/grounding/lighting/etc) - Review / Approval							
53		1 ,	Wod 7/0/40	Wod 7/0/10	100%	0	Wod 9/10/10	HVAC System - Submittals
83	HVAC System - Submittals  HVAC System - Review / Approval	1 day 17 days	Wed 7/6/16 Thu 7/7/16	Wed 7/6/16 Fri 7/29/16	100%	0 days	Wed 8/10/16 Wed 8/24/16	i rivx. System - suomittus  — HVAC System - Review / Approval
43	Louvers & vents - Submittal	1 days	Fri 7/22/16		100%	0 days	Thu 9/22/16	Louves & vents - Submittal
48	Above Ground Fuel Storage Tanks - Submittals	1 day	Fri 7/22/16		100%	0 days	Thu 9/8/16	Above Ground Fuel Storage Tanks - Submittals
54	Basic Electrical Materials	1 day	Fri 7/22/16		100%		Wed 8/10/16	Basic Electrical Materials (Conduits/wiring/disconnects) - Submittals
	(Conduits/wiring/disconnects) - Submittals							
73 78	Louvers & vents - Review / Approval	7 days	Mon 7/25/16		100%	0 days	Thu 10/6/16	s Louvers & vents - Review / Approval  — Above Ground Fuel Storage Tanks - Review / Approval
78 84	Above Ground Fuel Storage Tanks - Review / Approva Basic Electrical Materials	38 days 10 days	Mon 7/25/16 Mon 7/25/16		100%	0 days 0 days	Thu 9/22/16 Wed 8/24/16	Basic Electrical Materials (Condustry/Winsightsomets) - Review / Approval
	(Conduits/Wiring/disconnects) - Review / Approval	20 days	7/23/10		200/0	o uays		
32	Cast-in-place Concrete - Submittal	1 day	Fri 8/12/16	Fri 8/12/16	100%	0 days	Wed 8/24/16	, Cast-in-place Concrete - Submittal
36	Concrete Masonry Units - Submittal	1 day	Fri 8/12/16	Fri 8/12/16	100%	0 days	Wed 8/24/16	Concrete Masonry Units - Submittal
37	Glass Unit Masonry - Submittal	1 day	Fri 8/12/16		100%		Thu 9/8/16	Glass Unit Masonry - Submittal
62	Cast-in-place Concrete - Review / Approval	46 days	Mon 8/15/16		100%	0 days	Thu 9/8/16	Casi-i-place Concrete - Review / Approval
66	Concrete Masonry Units - Review / Approval	18 days	Mon 8/15/16		100%		Thu 9/8/16	Concrete Masony Units - Review / Approval
67	Glass Unit Masonry - Review / Approval Field Instrumentation - Submittals	18 days 1 day	Mon 8/15/16 Wed 8/17/16		100%	0 days 0 days	Thu 9/22/16 Thu 9/22/16	Glass Unit Masonry - Review / Approval Field Instrumentation - Submittals
	Field Instrumentation - Submittals  Field Instrumentation - Review / Approval	1 day 16 days	Wed 8/17/16 Thu 8/18/16		100%		Thu 10/6/16	rea unsumentation - submittatis  == Field Instrumentation - Review / Approval
90		2012	7 207 20	, 5/10		- 0073	, 5/10	
90								
90		Task		Task Progress		Critical	00000000000	☑ Milestone ◆

								MDWASD - PS418 - CPM Schedule - Time Impact Analysis as of 12-18-2019 (TIA)
ID	ask Name	Duration	Est Start	Est Finish	% Complete	Total Float	Baseline Finish	principal design of the contribution of the co
44	Vertical Centrifugal Sewage Pumps Submittals by MDWASD	1 day	Wed 9/28/16	Wed 9/28/16	100%	0 days	Tue 6/14/16	Vertical Centrifugal Sewage Pumps Submittals by MDWASD
45	Ball Valves Submittals by MDWASD	1 day	Wed 9/28/16	Wed 9/28/16	100%	0 days	Tue 6/14/16	l Ball Valves Submittals by MDWASD
46	Hydraulic Accumulator System Submittals by MDWAS	1 day	Wed 9/28/16	Wed 9/28/16	100%	0 days	Tue 6/14/16	Hydraulic Accumulator System Submittals by MDWASD
65	Existing Concrete Repair at Wet Well - Review / Approval	5.5 days	Thu 9/29/16	Tue 11/22/16	100%	0 days	Thu 9/8/16	Existing Concrete Repair at Wet Well - Review / Approval
72	Painting - Review / Approval	5.5 days	Thu 9/29/16		100%		Mon 12/5/16	Painting - Review / Approval
74	Vertical Centrifugal Sewage Pumps Review / Approval by MDWASD	5 days	Thu 9/29/16	Wed 10/5/16	100%	0 days	Tue 6/28/16	n Vertical Centrifugal Sewage Pumps Review / Approval by MDWASD
75	Ball Valves Review / Approval by MDWASD	5 days	Thu 9/29/16	Wed 10/5/16	100%	0 days	Tue 6/28/16	Ball Valves Review / Approval by MDWASD
76	Hydraulic Accumulator System Review / Approval by MDWASD	5 days	Thu 9/29/16	Wed 10/5/16	100%	0 days	Tue 6/28/16	■ Hydraulic Accumulator System Review / Approval by MDWASD
108	Valves - Fabrication/Delivery	53 days	Mon 10/3/16	Thu 3/23/17	100%	0 days	Thu 9/22/16	Valves - Fabrication/Delivery
35	Existing Concrete Repair at Wet Well - Submittals	1 day	Mon 10/24/16	Mon 10/24/16	100%	0 days	Wed 8/24/16	Existing Concrete Repair at Wetl - Submittals
42	Painting - Submittals	1 day	Mon 10/24/16		100%		Thu 11/17/16	Painting - Submittals
34	Lightweight Insulating Concrete - Submittals	1 day	Wed 11/9/16		100%		Thu 9/15/16	Uphtweight insulating concrete - Submittals
38 41	Roofing System - Submittals	1 day	Wed 11/9/16		100%		Thu 10/6/16	i Roofing System - Submittals i Lathina - Submittals
50	Lathing - Submittals  Trolleys/Hoist - Submittals	1 day 0 days	Wed 11/9/16 Wed 11/9/16		100%		Thu 11/17/16 Thu 9/8/16	Lating - Southeas
64	Lightweight Insulating Concrete - Review / Approval	21 days	Thu 11/10/16		100%		Thu 9/29/16	Lightweight Insulating Concrete - Review / Approval
68	Roofing System - Review / Approval	21 days	Thu 11/10/16		100%		Thu 10/20/16	Roofing System - Review / Approval
71	Lathing - Review / Approval	21 days	Thu 11/10/16		100%		Mon 12/5/16	Lathing - Review / Approval
80	Trolleys/Hoist - Review / Approval	7 days	Thu 11/10/16	Fri 11/18/16	100%		Thu 9/22/16	■ Trolleys/Hoist - Review / Approval
100	Vertical Centrifugal Sewage Pumps - Fabrication/Delivery	93.5 days	Tue 11/15/16		100%		Mon 12/5/16	Vertical Centrifugal Sewage Pumps - Fabrication/Delivery
101	Ball Valves - Fabrication/Delivery	48 days	Tue 11/15/16	Fri 3/17/17	100%	0 days	Thu 9/22/16	Ball Valves - Fabrication/Delivery
102	Hydraulic Accumulator System - Fabrication/Delivery	48 days	Tue 11/15/16		100%	0 days	Thu 9/22/16	Hydraulic Accumulator System - Fabrication/Delivery
33	Precast Concrete Joist - Submittals	1 day	Thu 11/17/16		100%		Thu 9/8/16	Precast Concrete Joist - Submittals
63	Precasst Concrete Joist - Review / Approval	54 days	Fri 11/18/16		100%		Thu 9/22/16	Precasst Concrete Joist - Review / Approval
111	Standby Generator System - Fabrication/Delivery	86.6 days	Mon 11/21/16		100%		Tue 2/28/17	Standby Generator System - Fabrication/Delivery
112	Switchgear Medium Voltage - Fabrication/Delivery	79.2 days	Wed 11/30/16		100%		Tue 1/31/17	Switchgear Medium Voltage - Fabrication/Delivery
107	DIP Pipe & Fittings - Fabrication/Delivery	34 days	Mon 1/9/17		100%		Thu 9/8/16	DIP Pipe & Fittings - Fabrication/Delivery  Glass Unit Masonry -Fabrication/Delivery
92	Glass Unit Masonry -Fabrication/Delivery	48.75 days			100%		Mon 12/12/16 Thu 11/3/16	Uses unit mesonity -raoritation/Lenvery  Firstopping Insulation - Fabrication/Delivery
93	Firestopping Insulation - Fabrication/Delivery  Roofing System - Fabrication/Delivery	40 days 25.75 days	Tue 1/10/17 Tue 1/10/17		100%	, .	Mon 11/28/16	Roofing System - Sahiration (Petrey)  Roofing System - Sahiration (Petrey)
99	Louvers & vents - Fabrication/Delivery	72.55 days	Tue 1/10/17		100%		Tue 2/21/17	Louves & vents - Fabrication/Delivery
109	Basic Electrical Materials (Conduits/Wiring/disconnects) - Fabrication/Delivery	5 days	Tue 1/10/17	Tue 6/20/17	100%		Thu 9/22/16	Basic Electrical Materials (Conduits/Wiring/disconnects) - Fabrication/Delivery
59	Controls - Submittals	10 days	Wed 1/18/17	Tue 1/31/17	100%	0 days	Thu 9/22/16	Controls - Submittals
47	Sump Pump - Submittals	1 day	Tue 1/24/17		100%		Thu 10/20/16	Sump Pump - Submittals
77	Sump Pump - Review / Approval	5 days	Wed 1/25/17		100%		Thu 11/3/16	sump Pump - Review / Approval
113	VFD - Fabrication/Delivery	62.8 days	Wed 1/25/17	Fri 4/28/17	100%		Tue 4/11/17	VFD - Fabrication/Delivery
95	Precast Concrete Catch Basins - Fabrication/Delivery	24 days	Mon 1/30/17	Thu 3/2/17	100%	0 days	Wed 8/17/16	Precast Concrete Catch Basins - Fabrication/Delivery
89	Controls - Review / Approval	16 days	Wed 2/1/17	Tue 2/28/17	100%	0 days	Thu 10/6/16	Controls - Review / Approval
110	Electrical Equipment (transformers/MCC/grounding/lighting/etc) ) - Fabrication/Delivery	47.5 days	Wed 2/1/17	Fri 4/28/17	100%	0 days	Thu 10/27/16	Electrical Equipment (transformers/MCC/grounding/lighting/etc) ) - Fabrication/Delivery
115	Field Instrumentation - Fabrication/Delivery	55 days	Wed 2/1/17	Fri 8/11/17	100%	0 days	Tue 5/9/17	Field Instrumentation - Fabrication/Delivery
97	Lathing - Fabrication/Delivery	16.25 days	Mon 2/6/17	Tue 7/18/17	100%	0 days	Mon 1/9/17	Lathing - Fabrication/Delivery
96	Storm Drainage pipe & filter fabric - Fabrication/Deliv	50 days	Mon 2/13/17	Fri 4/21/17	100%	0 days	Wed 8/3/16	Storm Drainage pipe & filter fabric - Fabrication/Delivery
114	Controls - Fabrication/Delivery	74 days	Tue 2/28/17		100%		Tue 5/9/17	Controls - Fabrication/Delivery
104	Above Ground Fuel Storage Tanks -Fabrication/Delive		Wed 3/1/17		100%		Tue 2/14/17	Above Ground Fuel Storage Tanks - Fabrication/Delivery
91	Precasst Concrete Joist - Fabrication/Delivery	41 days	Mon 4/24/17		100%		Thu 11/17/16 Tue 2/14/17	Precast Concrete Joist - Fabrication/Delivery  Beam Canaf Trolley/Affoits - Fabrication/Delivery
49	Beam Crane/Trolleys/Hoist - Fabrication/Delivery  Misc. Metals - Submittals	101 days 8 days	Tue 6/20/17 Fri 6/30/17		100%		Thu 9/15/16	Misc. Metals - Submittals     Misc. Metals - Submittals
79	Misc. Metals - Submittals  Misc. Metals - Review / Approval	33.9 days	Wed 9/13/17		100%		Thu 9/29/16	Misc. Metals - Review / Approval
98	Painting - Fabrication/Delivery	1 day	Mon 12/18/17		100%		Tue 1/17/17	Painting - Fabrication/Delivery
105	Misc. Metals - Fabrication/Delivery	9.8 days	Wed 12/20/17	Wed 9/5/18	100%	0 days	Tue 1/24/17	Misc. Metals - Fabrication/Delivery
103	Sump Pump - Fabrication/Delivery	41 days	Tue 1/16/18	Wed 5/2/18	100%		Tue 1/17/17	Sump Pump - Fabrication/Delivery
	CONSTRUCTION	762 days?	Fri 11/18/16	Tue 12/10/19	100%	0 days	Wed 3/28/18	
117	DIVERT INFLUENT FLOWS (YARD PIPING)	527 days?	Fri 11/18/16		100%		Tue 11/1/16	
118	16" FM - Connect from Hialeah Gardens to City of Hialeah	3 days	Fri 11/18/16	Wed 11/23/16	100%	0 days	Thu 9/29/16	n 16°FM - Connect from Hialeah Gardens to City of Hialeah
126	Relocate exst 2" sump discharge from meter vault + 4" sanitary from exst restroom + 2" from the pump floor sump to the new 16" gravity line	2 days	Mon 11/21/16	7 -7 -	100%	0 days	Tue 10/25/16	Relocate exst 2" sump discharge from meter vault + 4" sanitary from exst restroom + 2" from the pump floor sump to the new 16" gravity line
123	Operate valves and Divert Flows - PS Bypass in service (By WASD)	20 days	Mon 11/28/16	Fri 12/23/16	100%	0 days	Tue 10/18/16	Operate valves and Divert Flows - PS Bypass in service (By WASD)
122	Replace existing 16" PV (V1) - Extra Work	11 days	Thu 12/8/16	Thu 12/22/16	100%	0 days	NA	Replace existing 16° PV (VI) - Extra Work
121	Plug 48" opening influent at PS	25 days	Mon 1/9/17		100%		Mon 10/17/16	= Plug 48° opening influent at PS
127	Install New Trench Drain and new Catch Basins #1 & #2		Mon 5/8/17		100%		Tue 11/1/16	■ Install New Trench Drain and new Catch Basins # 1 & # 2
119	EXTRA WORK - New 30" Flowmeter Assembly and	68 days	Tue 5/1/18	Fri 8/3/18	100%	0 days	NA	EXTRA WORK - New 30" Flowmeter Assembly and connection to existing 30" FM
120	connection to existing 30" FM 24" DIP By-pass branch main	5 days	Mon 8/6/18	Fri 8/10/18	100%	0 days	Thu 10/13/16	24° DIP By-pass branch main
125	16" Suction pipe from City of Hialeah Gardens to P	4 days	Fri 8/10/18		100%		Fri 10/21/16	■ 16" Suction pipe from City of Hialeah Gardens to PS
124	Extra Work - Relocate water service and backflow preventor	4 days?	Thu 1/10/19	Tue 1/15/19	100%	0 days	NA	Extra Work - Relocate water service and backflow preventor
_								
		Task		Task Progress		Critical	200000000000000000000000000000000000000	Micros •
MET	RO EQUIPMENT SERVICE, INC.							Page 2 of 4

								MDWASD - PS418 - CPM Schedule - Time Impact Analysis as of 12-18-2019 (TIA)
ID Ta	ask Name	Duration	Est Start	Est Finish	% Complete	Total Float	Baseline Finish	
28	SELECTIVE DEMOLITION	229 days	Tue 2/14/17	Fri 1/19/18	100%	0 days	Wed 12/7/16	<u>Барания амихам, начания на началаннями жинина начания на начания нача</u>
30	MES requested WASD to provide locations to deliver salvaged equipment/materials	1 day	Tue 2/14/17	Tue 2/14/1	7 100%	0 days	Wed 7/27/16	♦ MES requested WASD to provide locations to deliver salvaged equipment/materials
33	Demolition WASD provided locations to deliver salvaged	29 days 0 days	Mon 3/13/17 Wed 3/29/17	Thu 4/20/17 Wed 3/29/17	7 100%	0 days	Mon 11/7/16 Wed 7/27/16	Demolition     WASD provided locations to deliver salvaged equipment/materials
4	equipment/materials  EXTRA WORK - Stop Sewage Influent from 30"  Discharge Line	18 days	Mon 6/26/17		7 100%	0 days	NA	EXTRA WORK - Stop Sewage Influent from 30* Discharge Line
32	Demolition of existing fillet at Wet Well - Part # 1 of 3	6 days	Mon 8/28/17	Tue 9/5/17	100%	0 days	NA	Demolition of existing fillet at Wetl - Part # 1 of 3
131	Demolition of existing fillet at Wet Well - Part # 2 of 3	20 days	Mon 9/18/17	Fri 10/13/1	7 100%	0 days	NA	Demolition of existing fillet at Wet Well - Part # 2 of 3
35	Demoliton of existing fillet at Wet Well - Part # 3 of 3.	20 days	Mon 10/16/17	Fri 11/10/1	7 100%	0 days	NA	Demoliton of existing fillet at Wet Well - Part # 3 of 3.
37	Remove concrete between old wet well and dry well for openings for access	11 days	Mon 11/27/17	12/11/17	100%	, .	Wed 12/7/16	Remove concrete between old wet well and dry well for openings for access
136	Upgrade floor opening in Upper level for access to pumps		Tue 1/16/18			0 days	Fri 12/2/16	Upgrade floor opening in Upper level for access to pumps
138	CLEANING AND REPAIR OF WET WELL  Pressure clean wet well	44 days 10 days	Wed 2/15/17 Wed 2/15/17			0 days 0 days	Mon 1/30/17 Mon 12/12/16	■ Pressure clean wet well
140	Sandblast wet well	5 days	Mon 3/6/17			0 days	Mon 12/19/16	s Sandblast wet well
141	Inspect wet well for structural damage	1 day	Fri 3/17/17				Fri 12/23/16	Inspect wet well for structural damage
142	Restore/Repair concrete as directed by WASD	18 days	Thu 3/23/17			0 days	Mon 1/30/17	Restore/Repair concrete as directed by WASD
175	ELECTRICAL ROOM AND GENERATOR ROOM ADDITION	680 days?	Fri 3/31/17	Tue 12/10/19	100%	0 days	Wed 3/28/18	
176	MES notified WASD of potential unsuitable soils at the footing locations for the new building addition					0 days	NA	MES notified WASD of potential unsuitable soils at the footing locations for the new building addition
177	Soil Report for foundations by WASD	25 days	Sat 4/1/17	-7-7	100%	0 days		Soil Report for foundations by WASD
199	Install electrical equipment (Switchgear / MCC)	26 days	Mon 5/1/17			0 days	Wed 11/29/17	Install electrical equipment (Switchgear / MCC) Install electrical equipment (VFD's )
178	Install electrical equipment (VFD's )  Additional excavation and imported fill for stabilization of footings area @ Mechanical Room	21.5 days 5 days	Mon 5/1/17 Mon 5/8/17			0 days	Wed 1/24/18 NA	Install exclusion extract equipment (VPD 5)  Additional excavation and imported fill for stabilization of footings area @ Mechanical Room N
180	Place footings/Foundations Conflict with exst elecric duct bank at footing @	34 days 17 days	Mon 5/15/17 Tue 5/23/17			0 days	Thu 6/15/17	Place footings/Foundations Conflict with exit electic duct bank at footing @ Generator room
83	Generator room  Pour for footings cancelled due to unavailability of	1 day	Tue 6/20/17			0 days		Pour for footings cancelled due to unavailability of sign and seal soil reports by WASD
81	sign and seal soil reports by WASD  Rebar inspection fall due to Hialeah inspector did	1 day	Wed 6/21/17		100%	0 days		Rebar inspection fail due to Hialeah inspector did not accept WASD sketch for the modified Generator #1 pad
184	not accept WASD sketch for the modified Generator #1 pad Concrete floor slab	18.4 days	Fri 7/21/17	6/21/17			Fri 7/7/17	Concrete floor slab
182	Rebar inspection fail due requesting revised permit set of drawings	8 days				0 days	NA	Rebar inspection fail due requesting revised permit set of drawings
186 185	Concrete tie columns  Lay concrete block	16 days 31 days	Mon 8/28/17 Fri 9/1/17			0 days 0 days	Fri 8/4/17 Fri 7/21/17	Concrete tie columns Lay concrete block
191	Concrete pad support for generators	12 days	Wed 9/20/17	Thu 10/5/1	7 100%	0 days	Wed 10/25/17	☐ Concrete pad support for generators
187	Place psi joist	16.4 days	Mon 10/23/17	Thu 12/7/17	7 100%	0 days	Wed 8/9/17	Place psi joist
188	Tie Beams and roof slab	7 days	Wed 11/8/17				Fri 9/1/17	■ Tie Beams and roof slab
192	Install Generators 1 and 2 Install roof mounted muffler	1 day 24.65 days	Mon 1/22/18 Fri 1/26/18	Mon 1/22/1 Wed 8/15/18	8 100% 100%	0 days	Wed 11/8/17 Tue 1/9/18	Install Generators 1 and 2   Install roof mounted muffler
90	Install windows , doors , glass block and louvers	18 days	Mon 1/29/18	Fri 10/12/18		0 days	Mon 10/16/17	Install windows, doors, glass block and louvers
189	Roofing system	24.2 days	Mon 3/19/18			0 days	Mon 9/18/17	Roofing system install HVAC system
204	Install HVAC sytem  Install lighting and grounding systems	14.25 days 31 days	Tue 4/10/18 Mon 6/11/18			0 days	Mon 11/6/17 Wed 2/21/18	install lighting and grounding systems
211	Install plumbing Fixture	0 days	Mon 6/18/18			0 days	Mon 3/19/18	A instal pulmbing fixture
202	Install Instrumentation/Control - Panels	24 days	Thu 7/12/18			0 days	Wed 1/31/18	Install Instrumentation/Control - Pane's
201	Install electrical equipment (Misc. panels)	0 days	Mon 7/23/18			0 days	Wed 2/21/18	Install electrical equipment (Misc. panels)
193	Construct concrete pad for above-ground fuel tank	8 days	Fri 8/17/18	Mon 9/17/1	8 100%	0 days	Wed 11/22/17	construct concrete pad for above-ground fuel tank
94	Install above ground 10,000 gallon fuel tank	1 day	Tue 9/25/18			0 days	Fri 12/8/17	ı Install above ground 10,000 gallon fuel tank
205	Stucco / Lathing	5 days	Tue 10/2/18			0 days	Thu 3/1/18	® Stucco / Lathing
97	Install air intake louvers and hoods for Generators 1 and 2		Tue 10/9/18	Tue 10/16/18	100%	0 days	Mon 1/15/18	Install air intake louvers and hoods for Generators 1 and 2
03	Install Instrumentation/control - End Devices	24.5 days	Tue 10/16/18			0 days	Wed 3/14/18	Install Instrumentation/control - End Devices  # Painting  # Painting
06 95	Painting  Install fuel piping between fuel tank and Generators 1 and 2	5 days 18 days	Fri 11/16/18 Mon 12/10/18			0 days	Thu 3/15/18 Fri 12/15/17	Painting Install fuel piping between fuel tank and Generators 1 and 2
13	Install new Pump Hatch at Pump Control Room	3 days	Wed 12/12/18	Fri 12/14/11	8 100%	0 davs	Mon 2/26/18	Install new Pump Hatch at Pump Control Roon
07	Generator Testing - Operational Testing	3 days	Thu 4/11/19				Mon 3/19/18	Benerator Testing - Operational Testing
09	Generator Testing - Load Bank Testing	1 day	Tue 4/16/19				Tue 3/20/18	Generator Testing - Load Bank Testing
21	Delay-Remove/Replace existing FPL Meter enclosure at FPL Transformer Room	2 days	Mon 5/27/19			0 days		Delay-Remove/Replace existing FPL Meter enclosure at FPL Transformer Room
22	Testing - Electrical systems  Delay - Install additional lighting system at pipe	38 days 27 days	Fri 5/31/19 Thu 6/13/19			0 days 0 days	Tue 2/27/18 NA	Testing - Electrical systems  Delay - Install additional lighting system at pipe gallery and motor room
17	gallery and motor room  Delay - Pump/Motors missing Temp/Vib sensors	82 days	Thu 6/20/19			0 days		Delay - Pump/Motors missing Temp/Vib sensors
218	Delay - Ball Control Valves Non-Functional Limit Switches	33 days?	Wed 10/23/19	Fri 12/6/19	100%	0 days	NA	Delay - Ball Control Valves Non-Functional Limit Switches
	Switchies							
	Critical Progress	Task		Task Progre	ss	Critica	000000000000000000000000000000000000000	300 Milestone ◆
ETF	RO EQUIPMENT SERVICE, INC.						-	Page 3 of 4

D Task Name  Delay - Modify Power Supply to HVAC Equipment  Testing - Mechanical systems  Testing - Menhanical systems  System Startup - Manual Operation & Divert Flow  to new Booster Station  Delay - Sewer Connection for the toilet & sump  pumps discharge flow  Testing - Instrumentation/Control systems  43	3 days 53 days	Mon 6/24/19 Tue 8/20/19 T	Tue 8/13/19	% Complete	Total Float Baseline Finish  O days NA	2012  Delay - Modify Power Supply to HVAE Equipment
14 Testing - Mechanical systems 15 Testing - Pumps & Motors 16 System Startup - Manual Operation & Divert Flow 17 Extra - Manual Operation & Divert Flow 18 Delay - Sewer Connection for the tollet & sump 18 pumps discharge flow 19 Testing - Instrumentation/Control systems 10 Generator Testing - Paralelling Testing 24 Startup/Commissioning 19 Delay - Manual Speed Control Potentiometer at 19 Pump VFD LCD 10 INSTALL PIPING AT PUMP STATION	3 days 53 days s 1 day	Wed 8/14/19 Tue 8/20/19		100%	0 days NA	Delay-Molfy Power Supply to WTAC Equipment
15 Testing - Pumps & Motors  80 System Startup - Manual Operation & Divert Flow  10 Delay - Sewer Connection for the toilet & sump  10 Generator Testing - Paralelling Testing  10 Generator Testing - Paralelling Testing  11 Startup Commissioning  12 Satrup Commissioning  13 Delay - Manual Speed Control Potentiometer at  14 INSTALL PIPING AT PUMP STATION	53 days s 1 day	Tue 8/20/19 T	Fri 8/16/19			
System Startup - Manual Operation & Divert Flow     to new Booster Station     Delay - Sever Connection for the toilet & sump     pumps discharge flow     Testing - Instrumentation/Control systems     Generator Testing - Paralelling Testing     Startup/Commissioning     Delay - Manual Speed Control Potentiometer at     pump WPD LCD     INSTALL PIPING AT PUMP STATION	s 1 day		, -0, 20	100%	0 days Tue 3/6/18	# Testing - Mechanical systems
to new Booster Station  Delay - Sewer Connection for the toilet & sump pumps discharge flow  Testing - Instrumentation/Control systems  Generator Testing - Paralelling Testing  Startup/Commissioning  Delay - Manual Speed Control Potentiometer at Pump WPU LCD  INSTALL PIPING AT PUMP STATION					0 days Fri 3/9/18	Testing - Pumps & Motors
pumps discharge flow Testing - Instrumentation/Control systems Generator Testing - Paralelling Testing Startup/Commissioning Delay - Manual Speed Control Potentiometer at Pump VPD LCD INSTALL PIPING AT PUMP STATION	61 days	Thu 8/22/19 1	Thu 8/22/19	100%	0 days NA	System Startup - Manual Operation & Divert Flows to new Booster Station
10 Generator Testing - Paralelling Testing 24 Startup/Commissioning 19 Delay - Manual Speed Control Potentiometer at Pump VPD LCD 33 INSTALL PIPING AT PUMP STATION		Fri 9/13/19	Fri 12/6/19	100%	0 days NA	Delay - Sewer Connection for the toilet & sump pumps discharge flow
Startup/Commissioning Delay - Manual Speed Control Potentiometer at Pump VFD LCD INSTALL PIPING AT PUMP STATION	24 days	Mon 9/30/19 T		100%	0 days Tue 3/20/18	Testing - instrumentation/Control systems
Delay - Manual Speed Control Potentiometer at Pump VFD LCD  INSTALL PIPING AT PUMP STATION	1 day	Thu 10/17/19 T		100%	0 days Wed 3/21/18	Generator Testing - Paralelling Testing  Startup/Commissioning
Pump VFD LCD  INSTALL PIPING AT PUMP STATION	4 days 16 days	Tue 10/29/19 Tue 11/19/19	Tue	100%	0 days Wed 3/28/18 0 days NA	
	542 days	Thu 4/13/17 V	12/10/19		0 days Wed 8/30/17	
MES informed WASD of conflict with exisiting	0 days	Thu 4/13/17		100%	0 days Mon 3/6/17	φ MES informed WASD of conflict with exisiting concrete fillet at bottom of wet well
concrete fillet at bottom of wet well  WASD evaluating solution for conflict with	36 days	Fri 4/14/17 1	Tue 6/13/17	100%	0 days Mon 3/6/17	WASD evaluating solution for conflict with existing concrete fillet at bottom of wet well
existing concrete fillet at bottom of wet well  Construct concrete slab at dry well cavity	16.4 days	Mon 7/24/17	Eri 0/10/17	100%	0 days Wed 5/17/17	Construct concrete slab at dry well cavity
52 Construct concrete slab at wet well cavity	4.5 days	Mon 11/13/17 F		100%	0 days Mon 3/6/17	Construct concrete slab at wet well cavity
62 Install supports for pumps at dry well cavity	30.05 days	Thu 11/23/17	Fri 3/2/18	100%	0 days Thu 6/1/17	Install supports for pumps at dry well cavity
8 Design Modifications to the pump pier supports	8 days	Mon 11/27/17	Wed	100%	0 days NA	Design Modifications to the pump pier supports by WASD
by WASD  Design Conflict at concrete pier pump base	1 day	Fri 3/2/18	12/6/17 Fri 3/2/18	100%	0 days NA	Design Conflict at concrete pier pump base assemblies - STOP WORK
assemblies - STOP WORK  56 Design Conflict at concrete pier pump base	9 days	Fri 3/2/18	Wed 4/4/18	100%	0 days NA	Design Conflict at concrete pier pump base assemblies - Removal of base plate/Partial demo of piers/Redesign by WASD , Rework & Reinstallation
assemblies - Removal of base plate/Partial demo of piers/Redesign by WASD , Rework & Reinstallation	9 days	FII 3/2/16	wed 4/4/16	100%	o days IVA	
55 Mechanical Crew - Remob to jobsite after resolution of design conflict at concrete pier pump base	3 days	Thu 4/5/18	Mon 4/9/18	100%	0 days NA	Mechanical Crew - Remob to jobsite after resolution of design conflict at concrete pier pump base
Install 42"/24"/16" DI suction manifold up to dry  Construct pipe supports for influent pipes	w 32 days 0 days	Mon 4/9/18 V Mon 5/7/18	Ved 8/15/18 Fri 6/8/18	100%	0 days Wed 4/26/17 0 days Mon 3/20/17	Install 42"/24"/16" DI suction manifold up to dry well  • Construct pipe supports for influent pipes
Install 30"/20"DI discharge manifold with Vertical		Tue 6/26/18		100%	0 days Fri 8/4/17	Install 30°/20°DI discharge manifold with Vertical Pumps and Motors
Pumps and Motors						■ Delay/Extra Work - Remove installed pumps & transportation to Manufactorers facility for refurbishing
transportation to Manufactorers facility for refurbishing	10 days	Mon 7/16/18		100%	0 days NA	Delay - Refurbish Pumps by Manufacturer's representative
representative	45 days	Mon 7/30/18 1		100%	0 days NA	
Upgrade traveling crane at Pump Control Room Install wall pieces at 42" & 16" suction	1 day	Tue 9/4/18	., , .	100%	0 days Tue 2/21/17	Upgrade traveling crane at Pump Control Room Install wall pieces at 42" & 16" suction
9 Install wall pieces at 42" & 16" suction 6 Construct Stairs/Platforms	16 days 38 days	Mon 9/10/18 F Mon 9/24/18 A		100%	0 days Mon 3/27/17 0 days Thu 6/22/17	Instant was preced at & C 10 SUCCOIN
Install Hydraulic accumulator system in old Odor control Room		Mon 10/22/18		100%	0 days Wed 8/30/17	Install Hydraulic accumulator system in old Odor control Room
2 Install seal water system	3.75 days	Tue 10/23/18	Tue 2/5/19	100%	0 days Fri 8/11/17	Install seal water system
7 Delay - Remove/Transport Pump Motors to Manufacturer's representative for testing	1 day	Wed 12/5/18	Wed 12/5/18	100%	0 days NA	Delay - Remove/Transport Pump Motors to Manufacturer's representative for testing
73 Install sump pumps	3 days	Wed 12/5/18		100%	0 days Wed 8/16/17	# Install sump pumps
9 Delay - Test/Refurbish pump Motors by Manufacturer's representative (by others)	20 days	Thu 12/6/18		100%	0 days NA	Delay - Test/Refurbish pump Motors by Manufacturer's representative (by others)
Transport refurbished pumps from manufacturer's representative facitily to jobsite (by others)	1 day	Thu 12/6/18 1	Thu 12/6/18	100%	0 days NA	Transport refurbished pumps from manufacturer's representative facitily to jobsite (by others)
Delay/Extra work - Reinstall refurbished pumps	3 days	Fri 12/7/18	Tue 12/11/18	100%	0 days NA	Delay/Extra work - Reinstall refurbished pumps
Delay - Transport pump motors from manufacturer's representative facility to jobsite (by others)	0 days	Tue 1/22/19		100%	0 days NA	♦ Delay - Transport pump motors from manufacturer's representative facility to jobsite (by others)
<ul> <li>Delay/Extra work -Install reburbished pump motors assemblies</li> </ul>	18 days	Wed 1/23/19	Fri 2/15/19	100%	0 days NA	Delay/Extra work - Install reburbished pump motors assemblies
Delay - Missing motor connection devices (Owner's furnished equipment)	24 days	Thu 1/24/19	Fri 5/17/19	100%	0 days NA	Delay - Missing motor connection devices (Owner's furnished equipment)
9 Delay - City of Hialeah - Electrical Plans Revision	33 days	Sun 4/28/19	Wed 6/12/19	100%	0 days NA	Delay - City of Hialeah - Electrical Plans Revision
i4 FPL - Energize Power to new Booster Station	0 days	Wed 5/1/19 T		100%	0 days NA	♦ FPL - Energize Power to new Booster Station
1 Connect Motors to new electrical equipment	5 days	Mon 5/20/19	Fri 5/24/19	100%	0 days Fri 8/11/17	© Connect Motors to new electrical equipment
<ul> <li>City of Hialeah - Final electrical Inspection (Temp for Test)</li> </ul>	3 days	Mon 5/27/19	Wed 5/29/19	100%	0 days NA	ECity of Hialeah - Final electrical Inspection (Temp for Test)
5 GRADING , PAVING AND OTHER MISCELLANEOUS WO	F 344 days	Mon 8/6/18 N		100%	0 days Thu 4/19/18	
6 Modifications to existing Meter Vault	5 days	Mon 8/6/18			0 days Wed 4/4/18	s Modifications to existing Meter Vault
7 Site Grading	4 days	Mon 8/19/19 T			0 days Wed 4/11/18	Site Grading
Site Paving Sodding	1 day 1 day	Fri 8/23/19 Fri 12/6/19 N		100%	0 days Wed 4/18/18 0 days Thu 4/19/18	1 Site Paving Sodding
	Task		Tack Pronner		Critical	Metore ♦
Critical Progress						

# Exhibit E



## METRO EQUIPMENT SERVICE, INC. 9415 SW 72<sup>nd</sup> Street, Suite 131 Miami El 23173

(305) 740-3303 Office, (305) 740-3305 Fax

March 02, 2018 Letter # 1601-65

Miami-Dade Water and Sewer Dpto. CD PM/CM Team 135 San Lorenzo Ave, Suite 600 Coral Gables, FL 33146 Attn: Mr. Pedro Angel

Ref.: Conversion of Sewage Pump Station 418 to Booster Station – Contract S758R Letter # 1601-62

Subject : Change Order Request # 21-Demo of existing concrete filet at bottom of wet well

Mr. Angel,

As per your request, we have completed the revision for the cost compilation for the additional work effort in connection with the demolition of the existing concrete filet at the bottom of the wet well area. This package includes the revisions and corrections per your comments dated Feb-28-2018.

Our total revised direct cost amount equates to \$129,698.75. For further information, please refer to the attached revised cost breakdown package.

In addition to this monetary change, and as previously agreed, we request a Contract Time Extension of 61 calendar days due to the compensable delay for the extended period of performance caused by this situation. The indirect costs due to this delay will be submitted to your attention under separate cover.

Please review and approve as soon as possible.

Please do not hesitate to contact me if you need additional information or with any questions you may have.

Sincerely,

Jorge Fonte

**Jorge Fonte** 

METRO	EQUIPMENT	SERVICE. II	NC.				Ch	ange C	)rde	r Request
DATE:	3/2/2018					-		COR#_		21
PROJECT:	Miami-Dade Water ar CONVERT PS-418 TO			IO. S-758R						
то:	PEDRO ANGEL MDWASD / CD PM/6	CD TEAM								
RE:	Demo existing filet a	<u>it bottom of wet we</u>	are <u>a</u>						ř	
									900	
LABOR (see attached	documents)				<u>Total</u> \$	-	Allowable \$	<u>Mark Up</u> -	\$	-
EQUIPMENT (see attached					<u>Total</u> \$	-	Allowable \$	Mark Up -	\$	•
MATERIALS (see attached	& SUPPLIES I documents)				<u>Total</u> \$	-	<u>Allowabl</u> \$	e Mark Up -	\$	•
SUBCONTRA (see attached					<u>Total</u> \$111	7,907.95	<u>Allowabl</u> \$	e <u>Mark Up</u> 11,790.80	\$	129,698.75
MISC. Requi					<u>Total</u>	\$0.00	<u>Allowabl</u> \$	e Mark Up -	\$	-
								Bond	\$	129,698.75 \$0.00
Additional It	ems						Direct Cost	ts Subtotal	\$	129,698.75
PAY ITEM	DESCRIPTION	<del></del>		UNIT		TY.		U. COST	S	SUB. TOT
IN CONTRAC	CT PAY ITEMS: DESCRIPTION			UNIT		QTY.		U. COST	*:	SUB. TOT
PATILM	DESCRIPTION						\$	•	\$ \$	•
								Subtotal	\$	<del>-</del>
							Inspector Ger	UAPF 2% eral .025%	\$ \$	•
EMOSTATION IN								TOTAL:	\$	129,698.75
TOTAL OF T	HIS CHANGE ORDER	REQUEST	ADD	DEDUCT	]	TBD			\$	129,698.75
	Time will be revised to	_	ADD	DEDUCT	]	TBD			61	calendar days

Project Manager

Signature

Signature

Having received the above, I hereby certify that to the best of my knowledge and belief, the cost or pricing data submitted reflects adequate values and that Contractor is entitled to payment and time extension as noted above.

Title

Title

The Contract Time will be revised to reflect:

Metro Equipment Service Albert Turnez

Name

General Contractor

Project Engineer

3/2/2018

Date

## DIRECT COST BREAKDOWN

Demoliton of existing fillet at bottom of wet	well					
PITCH A	<del></del>		DESCRIPT	ION		
ΠΕM#			DESCRIA 1	2011		
COR # 21 Extra work - Direct cost breakdown		Time:				
A Labor Requirements	Qty	Regular	Overtime	Regular (Hrs)	Overtime (Hrs)	Amount
Description		Rate/Hr	Rate/Hr			
Description	0				0.00	\$0.00
	0			4	Sub-Total	\$0.00
		ı		66.60% La	bor Burden :	\$0.00
			,	Labor Includ		\$0.00
					4rt Up 15%	\$0.00
					Total Labor	
	Rental Time			Hours		
BEquipment Requirements	Qty				Duration	Amount
Description		RATE			(Hrs)	
2404115000	0	\$				\$0.00
16					Sub Total	\$0.00
Allowable Mark Up 10%						\$0.00
CMaterial					l Equipment	
Description	Qty	Unit	Rate (w/Tax)			Amount
			\$ -			\$ -
			s -			\$ -
			s -			\$ -
			s -			s -
			s -			\$ -
					Sub Total	\$0.00
				Allowable	Mark Up 10%	\$0.00
DSubcontractor Requirements					tal Materials	
Subcontractor	Qty	Unit	Rate (w/Tax)		Duration	Amount
C & I Construction and Design	1	LS	\$ 117,907.9	5		\$117,907.9
						\$0.00
						\$0.00
					Sub Total	\$117,907.9
				Allowable .	Mark Up 10%	\$11,790.80
E Misc. Requirements				Total S	ubcontractor	\$129,698.7
Description	Qty	Unit	Rate (w/Tax	)	<u> </u>	Amount
						\$0.00
					Sub Total	\$0.00
<u>NOTES</u>				Allo wable	Mark Up 10%	\$0.00
1 Refer to attached backup documentation	on.				Total Mise	
2 Indirect costs for delays will be submi		e cover.			Totai :	\$129,698.7
•	•		Additi	onal Bond F	nemium 2%	\$0.00
			Addition	onai bona i	IOIIII A	





Filet Demolition	IES:							
ITEM  Extra Work - Direct Cost Breakdown								
ALabor Requirements	Qty	Regular	0	vertime	Regular	Overtime		Amount
Description		Rate/Hr	R	late/Hr	Hrs	Hrs		
Seneral Manager	1	85.00		127.50			\$_	4 040 00
Superintend	1	65.00	\$	97.50	74.00		\$	4,810.00 2,288.00
oreman	1	52.00		78.00 48.68	44.00 213.00		\$	6,911.85
Operator	1	32.45 20.42		30.63	891.00		\$	18,194.22
abor W/Tools	3	Sub-Total	ΙΨ	30.00	001.00		\$	32,204.07
	3	Oub . Cam.		6	6.6% Lab	or Burden:	\$	21,447.91
				Lab	or Includin	g Burden:	\$	53,651.98
				Alle		rk Up 15%	\$	4,830.61
					T	otal Labor	\$	58,482.59
	12000	5-1-11-		- amilan	Ticocotte (bris)	Duration	5. K	Amount
BEquipment Requirements	Qty	Rate/Hr	الا	perating Cost		Hrs		
Description	1	\$ 54.23	\$	49.60	1 - 7 - 200 - 200	305.00	\$	31,668.15
Hitachi 225 Excavator Skid Loader New Holland LX 665	<del>                                     </del>	\$ 12.53		12.95		336.00	\$	8,560.75
Sullair Air Compresor 185	1	\$ 4.01	\$	10.80		336.00	\$	4,974.71
12" UL APPROVED UTILITY BLOWER	1	\$ 0.28		0.20			\$	325.31
5" Grinder	1	\$ 0.69				672.00	\$	462.00
24" Hydraulic Concrete Saw	1	\$ 4.29	\$	7.65		336.00	\$	4,011.76
24" Diamond Blade Concrete	1	\$ 2.97	<u> </u>			336.00	\$	997.50 2,022.87
Breaker Pavement Air 60# (Jackhammer)	1 1	\$ 1.31		0.70	<u> </u>	1,008.00	\$	53,023.05
		Sub-Total		ΔII	owable Ma	rk Up 10%	\$	5,302.31
				A.,		Equipment	٠.	58,325.36
						· .		
CMaterial	Qty	Unit		Rate				Amount
Description		The state of the s	1	(w/Tax)			2000	
	<u> </u>		—		<del> </del>	<del> </del>	$\vdash$	
	<del> </del>		+					
	+	W						
	21	Sub-Total		9.0			\$	
				All		ark Up 10%	\$	ev bus unionist
					10	tal Material	•	
							12,72	Amount
C. Culturates Poguirements	Oty	l Unit	1 65,00	Rate		Emile Augoli		
CSubcontractor Requirements	Qty	Unit		Rate (w/Tax)				
Subcontractor	Qty 5		\$				\$	1,000.00
		Load	\$	(w/Tax)				
Subcontractor			\$	(w/Tax) 200.00			\$	1,000.00
Subcontractor		Load	\$	(w/Tax) 200.00		ark Up 10%	\$	1,000.00
Subcontractor		Load	\$	(w/Tax) 200.00		ark Up 10% bcontracor	\$	1,000.00
Subcontractor Disposal Concrete Demolition	5	Load Sub-Tota	\$	(w/Tax) 200.00		-	\$	1,000.00 1,000.00 100.00 1,100.00
Subcontractor Disposal Concrete Demolition  DMisc. Requirements		Load Sub-Tota	\$	(w/Tax) 200.00 Al		-	\$	1,000.00 100.00 1,100.00
Subcontractor Disposal Concrete Demolition	5	Load Sub-Total Unit	\$	(w/Tax) 200.00 Al		-	\$ \$	1,000.00 100.00 1,100.00
Subcontractor Disposal Concrete Demolition  DMisc. Requirements	5	Load Sub-Tota	\$	(w/Tax) 200.00 Al Rate (w/Tax)	Total Su	bcontracor	\$ \$ \$	1,000.00 100.00 1,100.00
Subcontractor Disposal Concrete Demolition  DMisc. Requirements	5	Load Sub-Total Unit	\$	(w/Tax) 200.00 Al Rate (w/Tax)	Total Su	ark Up 10%	\$ \$ \$	1,000.00 100.00 1,100.00
Subcontractor Disposal Concrete Demolition  DMisc. Requirements	5	Load Sub-Total Unit	\$	(w/Tax) 200.00 Al Rate (w/Tax)	Total Su	bcontracor	\$ \$ \$	1,000.00 100.00 1,100.00



Phone: (305) 255-6067 Fax. :(786) 430-1747

Email: Office@cicdinc.com

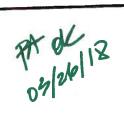
28-Aug-17

Proposal Submitted to:

METRO EQUIMENT SERVICES, INC

PUMP STATION 0418

Na	me:	Demoli	tion Fillet		
1	DESCRIPTION	Unit	Quantity		
EM	DESCRIFTION				
1	Labor		_:		
1	General Manager	Hr			
1	Superintent	Hr	2.00		
t	Foreman	Hr			
Ì	Operator Skid Steer/Bobcat	Hr			
Ì	Labor with hand tools	Hr	16.00		
ŀ	Labor	Hr			
2	Equipment	Hr			
	Excavator	Hr	8.00		
	Skid Loader	Hr	8.00		
	Diesel Air Compresor	Hr	- 0.00		
	(2) Hammer 3/4"Air Impact				
	Gas Detector	Hr	<del> </del>		
	Personal Retrieval System	Hr	16.00		
	(2) 12" Fan	Hr	10.00		
	2" Sumersible Pump	Hr	10.00		
	(2) 4 1/2" grainder	Hr	16.00		
	24" Hydraulic Concrete Saw	Hr	8.00		
	(3) Breaker Pavement Air 60#	Hr	24.00		
			-		
2	Material	GI	10.00		
	Diesel	Load			
	Debris Removal				
	A	<del>+</del>			
			1		
			1	_	
	N/		1 // /	100	)
		Sign	atura/	d who the	_
Signa	ture V/V	Sign	ature or the Name: Can	18 54 17	7
Data A I	Name: Juan Carlos Moreno	Prini	INGITIO. CANO		





Phone: (305) 255-6067 Fax. :(786) 430-1747

Email: Office@cicdinc.com

Proposal Submitted to:
METRO EQUIMENT SERVICES, INC
PUMP STATION 0418

Date 29-Aug-17

b Na	me:	Demolit	ion Fillet		
	DESCRIPTION	Unit	Quantity		
EM	DESCRIPTION				
1	Labor	Tu- T	<del></del>		
Ī	General Manager	Hr Hr	2.00		
ſ	Superintent	Hr	2.00	<del></del>	
Ţ	Foreman			, .,	
Ī	Operator Skid Steer/Bobcat	Hr	16.00		
ļ	Labor with hand tools	Hr	10.00		
	Labor	Hr	<del></del>		
2	Equipment	Hr	-		
	Excavator	Hr	8.00		
	Skid Loader	Hr	8.00		
	Diesel Air Compresor	Hr			
	(2) Hammer 3/4"Air Impact	Hr	-		
	Gas Detector	Hr	<del> </del>		
	Personal Retrieval System	Hr	16.00		
	(2) 12" Fan	Hr	10.00		
	2" Sumersible Pump	Hr	16.00		
	(2) 4 1/2" grainder	Hr	8.00		
	24" Hydraulic Concrete Saw		24.00		
	(3) Breaker Pavement Air 60#	Hr	24.00		
2	Material		40.00		
_	Diesel	Gl	10.00	<u></u>	
	Debris Removal	Load	ls <u>-</u>		
					_
	N.			1 An	
	. 10	C:	atura / A . C	Squel	>
Signa	ature 1/V	Sign	ature day	TY SAITH	
Print	Name: Juan Carlos Moreno	Prin	ivame.	V. J. 1 . 1 . 1 . 1	





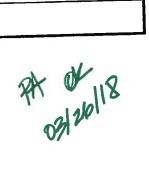
Phone: (305) 255-6067 Fax.: (786) 430-1747

Email: Office@cicdinc.com

Proposal Submitted to:
METRO EQUIMENT SERVICES, INC
PUMP STATION 0418

Date 30-Aug-17

ob Na	me:	Demolit	ion Fillet		
		Unit	Quantity		
EM	DESCRIPTION	Omt	Quantity		
1	Labor				1
· t	General Manager	Hr			
ŀ	Superintent	Hr	2.00		
Ì	Foreman	Hr	-		
ļ	Operator Skid Steer/Bobcat	Hr	-		
1	Labor with hand tools	Hr	16.00		
	Labor	Hr			
2	Equipment	Hr			
	Excavator	Hr	8.00		
'	Skid Loader	Hr	8.00		
	Diesel Air Compresor	Hr	- 0.00		
	(2) Hammer 3/4"Air Impact	Hr			
	Gas Detector				
	Personal Retrieval System	Hr	16.00		
	(2) 12" Fan	Hr	10.00		
	2" Sumersible Pump	Hr	10.00		
	(2) 4 1/2" grainder	Hr	16.00		
	24" Hydraulic Concrete Saw	Hr	8.00		
	(3) Breaker Pavement Air 60#	Hr	24.00		
	Matarial				
2	Material Diesel	GI	10.00		
	Debris Removal	Load	s -		
	Denile Lemoral				<b></b>
				101	
			71.7	1-1-17	
Cian-	tura (III)	Sign	ature gut	1 x June 1	
Signa	Nurse luca Carlod Moreno	Print	Name: AR	10. SMITH	
Print	Name: Juan Carlos Moreno			<del></del>	
				_	





Phone: (305) 255-6067 Fax. :(786) 430-1747

Email: Office@cicdinc.com

Proposal Submitted to:
METRO EQUIMENT SERVICES, INC
PUMP STATION 0418

Date 31-Aug-17

197					
Job Na	me:	Demoliti	ion Fillet		
				Т	
ITEM	DESCRIPTION	Unit	Quantity		
1	Labor				
- 1	General Manager	Hr			
	Superintent	Hr	2.00		
1	Foreman	Hr	-		
	Operator Skid Steer/Bobcat	Hr	-		
	Labor with hand tools	Hr	16.00		
ì	Labor	Hr			
2	Equipment				l de la companya de
	Excavator	Hr	-		
1	Skid Loader	Hr	8.00		
	Diesel Air Compresor	Hr	8.00		
	(2) Hammer 3/4"Air Impact	Hr	<u>-</u>		
	Gas Detector	Hr	-		
	Personal Retrieval System	Hr			
:	(2) 12" Fan	Hr	16.00		
	2" Sumersible Pump	Hr			
	(2) 4 1/2" grainder	Hr	16.00		
	24" Hydraulic Concrete Saw	Hr	8.00		<del></del>
	(3) Breaker Pavement Air 60#	Hr	24.00		<u> </u>
l					
1					
2	Material				T
_	Diesel	Gl	10.00		
1	Debris Removal	Loads	1.00		
l					
1	4				<del> </del>
<b>.</b>	W			<u> </u>	
<del> </del>			777	11+11	
Signa	ture M	Signa	ture ( augr Name: Luger	Dun V	
Print 1	Name: Juan Carlos Moreno	Print	Name: Cafel	D. SHITH	
1	Tarrio, Gaori Garios Motorio				





Phone: (305) 255-6067 Fax. :(786) 430-1747

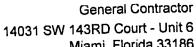
Email: Office@cicdinc.com

Proposal Submitted to:
METRO EQUIMENT SERVICES, INC
PUMP STATION 0418

Date 1-Sep-17

b Nar	me:	Demolit	on Fillet		
	DESCRIPTION	Unit	Quantity		
EM	DESCRIPTION				
1 L	abor	Hr			
	General Manager	Hr Hr	2.00		
Γ	Superintent	Hr			
Γ	Foreman		8.00		
Γ	Operator Skid Steer/Bobcat	Hr	16.00		
T	Labor with hand tools	Hr	10.00		
	Labor	Hr			
2	Equipment	Hr	8.00		
	Excavator	Hr	8.00		
- [	Skid Loader		8.00		
ľ	Diesel Air Compresor	Hr			
ľ	(2) Hammer 3/4"Air Impact	Hr			
	Gas Detector	Hr	-		
1	Personal Retrieval System	Hr	16.00		
1	(2) 12" Fan	Hr	16.00		+
	2" Sumersible Pump	Hr	10.00		
	(2) 4 1/2" grainder	Hr	16.00		
	24" Hydraulic Concrete Saw	Hr	8.00		
	(3) Breaker Pavement Air 60#	Hr	24.00		
2	Material	GI	10.00		
	Diesel	Load			
	Debris Removal	Load	1		
			1	C 0	
Signa	ture		ature and	1 D. SH 1771	
Print I	Name: Juan Carlos Moreno		Name: (A)	1 U JA I III	





Miami, Florida 33186

Phone: (305) 255-6067 Fax. :(786) 430-1747 Email: Office@cicdinc.com

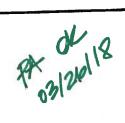


Proposal Submitted to:

METRO EQUIMENT SERVICES, INC

Date 5-Sep-17

PUMP	STATION 0418				
. · ·					
Job Na	me:	Demolitic	n Fillet		
		Unit	Quantity		
ITEM	DESCRIPTION	Unit	Quantity 1		
		<u> </u>			
1	Labor	Hr	T		
	General Manager	Hr	2.00		
	Superintent	Hr			
	Foreman	Hr			
	Operator Skid Steer/Bobcat	Hr	24.00		
	Labor with hand tools	Hr			
ı	Labor	<del></del>			
2	Equipment		8.00		
	Excavator	Hr	8.00		
	Skid Loader	Hr	8.00		
	Diesel Air Compresor	Hr			
<u> </u>	(2) Hammer 3/4"Air Impact	Hr	-		
•	Gas Detector	Hr	<del>-</del>		
ŀ	Personal Retrieval System	Hr	- 40.00		
ļ	(2) 12" Fan	Hr	16.00		
	2" Sumersible Pump	Hr	- 40.00		
	(2) 4 1/2" grainder	Hr	16.00		
1	24" Hydraulic Concrete Saw	Hr	8.00		
l	(3) Breaker Pavement Air 60#	Hr	24.00		
ļ					
1					
2	Material				T
1 -	Diesel	GI	20.00		
1	Debris Removal	Loads			
1					
1					<del> </del>
1					
1			-	L	
	Theo		//	n V th	
Signa	I 114	Signa	ture ( rund	Work !	
Drint	Name: Juan Carlos Moreno	Print	lame: 🚜	MD. GMITH	
1 - 11111	INGINO. OGGIT OUTOO				
1					





Phone: (305) 255-6067 Fax. :(786) 430-1747

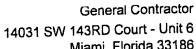
Email: Office@cicdinc.com

Proposal Submitted to:
METRO EQUIMENT SERVICES, INC
PUMP STATION 0418

Date 14-Sep-17

b Nan	ne:	Demoli	ion Fillet		
	DESCRIPTION	Unit	Quantity		
EM	DEGGIN TION				
1 L	abor	l Ue	T	<u> </u>	
	General Manager	Hr	2.00		
	Superintent	Hr	2.00		
F	Foreman	Hr			
	Operator Skid Steer/Bobcat	Hr	16.00		
	Labor with hand tools	Hr	10.00		
<u> </u>	Labor	Hr	<del>-</del> _+		
2	Equipment Excavator	Hr	8.00		
	Skid Loader	Hr	8.00		
	Diesel Air Compresor	Hr	8.00		
	(2) Hammer 3/4"Air Impact	Hr	-		
	Gas Detector	Hr			
}	Personal Retrieval System	Hr	-		
	(2) 12" Fan	Hr	16.00		
-	2" Sumersible Pump	Hr	-		
1	(2) 4 1/2" grainder	Hr	16.00		
	24" Hydraulic Concrete Saw	Hr	8.00		
	(3) Breaker Pavement Air 60#	Hr	24.00		
	(3) Bleaker I averlient, in con		-		
2	Material	GI	20.00		
	Diesel	Load			
	Debris Removal				
	1		^		
	Alle		11 1	1-10-11	-
		Sign	nature (	N Ohnto	
Signal	ture //		t Name: 441	ID SHITH	
DOM: N	Name: Juan Carlós Moreno	1 3 10			





Miami, Florida 33186

Phone: (305) 255-6067 Fax: :(786) 430-1747 Email: Office@cicdinc.com



Proposal Submitted to:

15-Sep-17 Date

DESCRIPTION  Labor General Manager Superintent Foreman Operator Skid Steer/Bobcat Labor with hand tools Labor	Hr Hr Hr Hr Hr	2.00 - 8.00 16.00		
General Manager Superintent Foreman Operator Skid Steer/Bobcat Labor with hand tools	Hr Hr Hr Hr	8.00		
General Manager Superintent Foreman Operator Skid Steer/Bobcat Labor with hand tools	Hr Hr Hr Hr	8.00		
Superintent Foreman Operator Skid Steer/Bobcat Labor with hand tools	Hr Hr Hr	8.00		
Foreman Operator Skid Steer/Bobcat Labor with hand tools	Hr Hr			
Operator Skid Steer/Bobcat Labor with hand tools	Hr			
Labor with hand tools		16 00 L		
	Hr	10.00		
Labor				
Equipment	Hr	8.00		
Excavator	Hr	8.00		
Skid Loader	Hr	8.00	· · · · · · · · · · · · · · · · · · ·	
Diesel Air Compresor	Hr	- 0.00		
(2) Hammer 3/4"Air Impact	Hr			
Gas Detector	Hr			
Personal Retrieval System	Hr	16.00		
(2) 12" Fan	Hr			
2" Sumersible Pump	Hr	16.00		
(2) 4 1/2" grainder	Hr	8.00		
24" Hydraulic Concrete Saw	Hr	24.00		
(3) Breaker Pavement Air 60#		-		
2 Material	Gl	20.00		
Diesel	Loads			
Debris Removal	Loads			
1				
		0		
		11 /	1061	
nature U	Signa	nture who	Joseph	





Phone: (305) 255-6067 Fax. :(786) 430-1747

Email: Office@cicdinc.com

Proposal Submitted to:
METRO EQUIMENT SERVICES, INC
PUMP STATION 0418

Date 18-Sep-17

שוו עו	ime:	Demolition Fillet					
EM	DESCRIPTION	Unit	Quantity				
FIAI 1							
1	Labor	1	— - Т				
	General Manager	Hr	- 2.00				
	Superintent	Hr	2.00 8.00				
	Foreman	Hr	8.00				
j	Operator Skid Steer/Bobcat	Hr					
	Labor with hand tools	Hr	32.00				
	Labor	Hr	-				
					<u>,</u>		
2	Equipment		0.00 [		[		
	Excavator	Hr	8.00				
	Skid Loader	Hr	8.00				
	Diesel Air Compresor	Hr	8.00				
	(2) Hammer 3/4"Air Impact	Hr	-				
	Gas Detector	Hr					
	Personal Retrieval System	Hr					
	(2) 12" Fan	Hr	16.00		<u> </u>		
	2" Sumersible Pump	Hr					
	(2) 4 1/2" grainder	Hr	16.00				
	24" Hydraulic Concrete Saw	Hr	8.00				
	(3) Breaker Pavement Air 60#	Hr	24.00				
2	Material	Gl	20.00				
	Diesel Demoval	Loads					
	Debris Removal						
		_					
	111/						
	1111 1	-	<del>/</del>	DEAD			
<b>n</b> : -	() (ho	Signa	iture Jung	W. Strike			
Signa		Drint	Name: Cort	D. SH MI			
Print I	Name: Juan Carlos Moreno		Taille. Oca-01	VI 1-164			



Phone: (305) 255-6067 Fax. (786) 430-1747

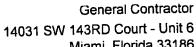
Email: Office@cicdinc.com

Proposal Submitted to:
METRO EQUIMENT SERVICES, INC
PUMP STATION 0418

Date 19-Sep-17

ob Name:		Demolit	Demolition Fillet				
	DESCRIPTION	Unit	Quantity				
EM	DESCRIPTION						
1 1	abor						
·   -	General Manager	Hr					
	Superintent	Hr	2.00				
	Foreman	Hr	8.00				
t	Operator Skid Steer/Bobcat	Hr					
┢	Labor with hand tools	Hr	24.00				
	Labor	Hr					
	Excavator Skid Loader Diesel Air Compresor	Hr Hr Hr Hr	8.00 8.00 8.00				
Ī	(2) Hammer 3/4"Air Impact	Hr	<del>   </del>				
- 1	Gas Detector	Hr	<del> </del>				
	Personal Retrieval System	Hr	16.00				
	(2) 12" Fan	Hr	10.00				
	2" Sumersible Pump	Hr	16.00				
	(2) 4 1/2" grainder	Hr	8.00				
	24" Hydraulic Concrete Saw	Hr	24.00				
	(3) Breaker Pavement Air 60#	<u></u>	2-4.00				
2	Material Diesel	Gl	20.00				
	Debris Removal	Load	ls <u>-</u>				
	DEDITO TROTTO						
				L			
Signature Print Name: Juan Carlos Moreno		Sign Prin	ature / / /	D. SMITH			





Miami, Florida 33186



Phone: (305) 255-6067 Fax. :(786) 430-1747 Email: Office@cicdinc.com

Date 26-Sep-17

Proposal Submitted to:
METRO EQUIMENT SERVICES, INC
PUMP STATION 0418

Job Na	nme:	Demoliti	on Fillet		
		Unit	Quantity		
ITEM	DESCRIPTION	Olite	Qualities 1		
1	Labor	Hr			
	General Manager	Hr	2.00		
	Superintent	Hr	3.00		
	Foreman	Hr	4.00		
	Operator Skid Steer/Bobcat	Hr	24.00		
	Labor with hand tools	Hr	24,00		
ı	Labor				
2	Equipment		0.00		1
_	Excavator	Hr	8.00		
	Skid Loader	Hr	8.00		
	Diesel Air Compresor	Hr	8.00		<del> </del>
l .	(2) Hammer 3/4"Air Impact	Hr	-		
1	Gas Detector	Hr			
]	Personal Retrieval System	Hr			
	(2) 12" Fan	Hr	16.00		
	2" Sumersible Pump	Hr			
	(2) 4 1/2" grainder	Hr	16.00		
1	24" Hydraulic Concrete Saw	Hr	8.00		
1	(3) Breaker Pavement Air 60#	Hr	24.00		
2	Material		20.00		
1	Diesel	Gl			
1	Debris Removal	Loads			
1			<b></b>		
			<del> </del>		
1			<del> </del>		
1			L	1.00	
	oture .		. // .(	1121 8	
Signa		Signa	ature any	Cuit	<u>,</u>
Print	Name: Juan Cárlos Moreno	Print	Name: now	U.>M/7/T	
1					





Phone: (305) 255-6067 Fax. :(786) 430-1747

Email: Office@cicdinc.com

Proposal Submitted to:
METRO EQUIMENT SERVICES, INC
PUMP STATION 0418

Date 27-Sep-17

b Na	me:	Demolition Fillet				
		Unit	Quantity			
EM	DESCRIPTION					
1	Labor				1	
•	General Manager	Hr				
	Superintent	Hr	2.00			
	Foreman	Hr	4.00			
	Operator Skid Steer/Bobcat	Hr	3.00			
	Labor with hand tools	Hr	20.00			
	Labor	Hr				
	Labor					
		<del></del>				
2	Equipment	Hr	8.00			
	Excavator	Hr	8.00			
	Skid Loader	Hr	8.00			
	Diesel Air Compresor	Hr	- 0.00			
	(2) Hammer 3/4"Air Impact				(1)	
	Gas Detector	Hr	<del> </del>			
	Personal Retrieval System	Hr	16.00			
	(2) 12" Fan	Hr	10.00			
	2" Sumersible Pump	Hr	10.00			
	(2) 4 1/2" grainder	Hr	16.00			
	24" Hydraulic Concrete Saw	Hr	8.00			
	(3) Breaker Pavement Air 60#	Hr	24.00			
	(3) Dicarci i dioment		<u> </u>	2		
2	Material	GI	20.00			
	Diesel	Load	is -			
	Debris Removal					
			-			
			<del></del>	1. 60		
	1100	Ciar	satura /	L A		
Sian	ature	Sigr	t Name:	D'SH /ML		
Drint	Name: Juan Carlos Moreno	Prin	t Name: (34)	44 UT 1115		





Phone: (305) 255-6067 Fax. :(786) 430-1747

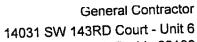
Email: Office@cicdinc.com

Proposal Submitted to:
METRO EQUIMENT SERVICES, INC
PUMP STATION 0418

Date \_\_\_\_\_\_ 28-Sep-17

lame:	Demoliti	Demolition Fillet				
DESCRIPTION	Unit	Quantity				
Labor						
General Manager	Hr					
Superintent	Hr					
Foreman	Hr	3.00				
Operator Skid Steer/Bobcat	Hr	8.00				
Labor with hand tools	Hr	24.00				
Labor	Hr					
Excavator	Hr	8.00				
Skid Loader	Hr	8.00				
Diesel Air Compresor	Hr	8.00				
(2) Hammer 3/4"Air Impact	Hr	-				
Gas Detector	Hr					
Personal Retrieval System	Hr					
(2) 12" Fan	Hr	16.00				
2" Sumersible Pump	Hr					
(2) 4 1/2" grainder	Hr	16.00				
24" Hydraulic Concrete Saw	Hr	8.00				
(3) Breaker Pavement Air 60#	Hr	24.00				
		-				
2 Material	Gl	20.00				
Diesel Debris Removal	Loads	-				
Debits Removal						
			*			
		1	11			
nature	Signa	iture (	20ch			
nature  Name: Juan Carlos Moreno	Print	Name: (Ary	MSHITH			





Miami, Florida 33186

Phone: (305) 255-6067 Fax. :(786) 430-1747

Email: Office@cicdinc.com



29-Sep-17 Date Proposal Submitted to: METRO EQUIMENT SERVICES, INC

b Na	ime:	Demolit	ion Fillet			
		Unit	Quantity			
EM	DESCRIPTION	1 Ontic 1	Quartery			
	1 -b	<del></del>			·	
1		Hr.				
	General Manager	Hr	-			
	Superintent Foreman	Hr	-			
	Operator Skid Steer/Bobcat	Hr	7.00			
	Labor with hand tools	Hr	14.00			
		Hr	-			
	Labor				<u> </u>	
	Ir-vi-mont				<del></del>	
2	Equipment Excavator	Hr	8.00			
	Skid Loader	Hr	8.00			
	Diesel Air Compresor	Hr	8.00			
	(2) Hammer 3/4"Air Impact	Hr	-			
	Gas Detector	Hr	j			
		Hr	-			
	Personal Retrieval System	Hr	16.00			
	(2) 12" Fan	Hr	-			
	2" Sumersible Pump	Hr	16.00			
	(2) 4 1/2" grainder	Hr	8.00			
	24" Hydraulic Concrete Saw	Hr	24.00			
	(3) Breaker Pavement Air 60#		<del>                                     </del>			
				L		
			2			
2	Material	Gl	20.00			
	Diesel	Load				
	Debris Removal	Load	1			
			<del> </del>			
			+	1		
	N.		1-/1-	10/1		
		10:	aura Chilor			
Signa	ature $\mathcal{U}'$	Sign	ature Alema	A CHIM		
Drint	Name: Juan Cárlos Moreno	Print	Print Name: CAMUTO SA TH			





Phone: (305) 255-6067 Fax. :(786) 430-1747

Email: Office@cicdinc.com

	Date	OCTOBER 2
Proposal Submitted to:	Date	00.00
METRO EQUIMENT SERVICES, INC		
DUMP STATION 0418		

Job Na	ıme:	Demol	ition Fillet		
			T	*T	
ITEM	DESCRIPTION	Unit	Quantity		
1112111					
1	Labor				
	General Manager	Hr	-		
	Superintent	Hr			
	Foreman	Hr	3.00		
	Operator Skid Steer/Bobcat	Hr	8.00		
	Labor with hand tools	Hr	24.00	)	
	Labor	Hr			
	Labor				
2	Equipment	Hr	8.0	0	
	Excavator	Hr	8.0		
	Skid Loader	Hr	8.0		
	Diesel Air Compresor		+		
	(2) Hammer 3/4"Air Impact		<del>                                     </del>	_	
	Gas Detector	Hr	<del>                                     </del>		
i	Personal Retrieval System	Hr	16.0	0	
1	(2) 12" Fan	Hr	10.0	<u></u>	
	2" Sumersible Pump	Hr	16.0	<u></u>	
1	(2) 4 1/2" grainder	Hr			
1	24" Hydraulic Concrete Saw	Hr	8.0		
1	(3) Breaker Pavement Air 60#	Hr	24.0	00	
1	(0) Breaker i are				
i i					
<b>_</b>	VIDA-4				
2	Material	Gl	20.0	00	
Į.	Diesel	Loa	ds -		
i	Debris Removal				
1			<del>   </del>		
1			<del>                                     </del>		
1	1/1/		1	[ ] [ [ ]	
		Sig	ature 10	Lead Whited	
Sign	ature	Sig	Name:	LAY B. SMITH	
Print	Name: Juan Carlos Moreno	Priir	Yairie.	11. 11. 11.	
		l	1		
1		п			

ON 99 26/18



Phone: (305) 255-6067 Fax. : (786) 430-1747

Email: Office@cicdinc.com

Proposal Submitted to: Date OCTOBER 3

METRO EQUIMENT SERVICES, INC

PUMP STATION 0418

Job Na	me:	Demolit	Demolition Fillet			
ITEM	DESCRIPTION	Unit	Quantity			
1	Labor	111-				
	General Manager	Hr	-			
	Superintent	Hr				
	Foreman	Hr	1.00			
	Operator Skid Steer/Bobcat	Hr				
	Labor with hand tools	Hr	3.00			
	Labor	Hr				
2	Equipment	Hr	8.00			
	Excavator	Hr	8.00			
	Skid Loader	Hr	8.00			
	Diesel Air Compresor	Hr				
	(2) Hammer 3/4"Air Impact	Hr				
	Gas Detector	Hr	-			
	Personal Retrieval System	Hr	16.00			
	(2) 12" Fan	Hr	10.00			
	2" Sumersible Pump	Hr	16.00			
	(2) 4 1/2" grainder	Hr	8.00			
1	24" Hydraulic Concrete Saw	Hr	24.00			
	(3) Breaker Pavement Air 60#		24.00			
2	Material	GI	20.00			
Í	Diesel	Loads				
	Debris Removal	Loads				
I						
			7	1-01		
l		Signa	ture buy	S day		
Signa	ture V		Vame:	ID. SM ITH		
Print N	Name: Juan Carlos Moreno		value. Marc	1 1. 31. 110		
1						
		L.				





Phone: (305) 255-6067 Fax: :(786) 430-1747

Email: Office@cicdinc.com

Proposal Submitted to:

METRO EQUIMENT SERVICES, INC
PUMP STATION 0418

Date OCTOBER 4

lah Na		Demolit	ion Fillet		
Job Na	me:				
TERS T	DESCRIPTION	Unit	Quantity		
TEM	DESCRIPTION.				
4 1	Labor				
'	General Manager	Hr	-		
ŀ	Superintent	Hr	-		
	Foreman	Hr	3.00		
1	Operator Skid Steer/Bobcat	Hr	8.00		
Ì	Labor with hand tools	Hr	24.00		
	Labor	Hr	-		
	Labor				
			<del></del> -		
2	Equipment	*			
<b>6</b>	Excavator	Hr	8.00		0.
1	Skid Loader	Hr	8.00		
	Diesel Air Compresor	Hr	8.00		
	(2) Hammer 3/4"Air Impact	Hr	-		
	Gas Detector	Hr	-		
	Personal Retrieval System	Hr	-		
	(2) 12" Fan	Hr	16.00		
	2" Sumersible Pump	Hr			
	(2) 4 1/2" grainder	Hr	16.00		
	24" Hydraulic Concrete Saw	Hr	8.00		
	(3) Breaker Pavement Air 60#	Hr	24.00		
	(b) Breaker ( avernous		-		
2	Material				1
_	Diesel	Gl	20.00		
	Debris Removal	Load	1.00		
					<del> </del>
	N.			L	
			71	1 JOH	
Signa		Signa	ature my	man grace	
Drint	Name: Juan Carlos Moreno	Print	Name: Ada	D'SHITH	
[	ITALITO, OMAIT COLLECTION			•	





Phone: (305) 255-6067 Fax. :(786) 430-1747

Email: Office@cicdinc.com

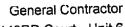
Proposal Submitted to:

METRO EQUIMENT SERVICES, INC
PUMP STATION 0418

Date OCTOBER 5

		Domolit	ion Fillet		
iob Na	ime:	Demon	ion i met		
		Unit	Quantity		
TEM	DESCRIPTION	Other	Quantity		
					¥
1	Labor	Hr	-		
	General Manager	Hr	2.00	<del></del>	
	Superintent	Hr	3.00		
	Foreman	Hr	8.00		
	Operator Skid Steer/Bobcat	Hr	24.00		
	Labor with hand tools	Hr	24.00		
	Labor				
			1		
	-				
2	Equipment		0.00		
	Excavator	Hr	8.00		
	Skid Loader	Hr	8.00		
	Diesel Air Compresor	Hr	8.00		
	(2) Hammer 3/4"Air Impact	Hr			
	Gas Detector	Hr			
	Personal Retrieval System	Hr	-		
	(2) 12" Fan	Hr	16.00		
	2" Sumersible Pump	Hr	-		
	(2) 4 1/2" grainder	Hr	16.00		
	24" Hydraulic Concrete Saw	Hr	8.00		
	(3) Breaker Pavement Air 60#	Hr	24.00		
	(3) Breaker Pavernerky in John		-		
2	Material	Lou	20.00		
	Diesel	Gl			
	Debris Removal	Load	<del></del>		
			<del> </del>		
			<del> </del>		
	N. I		<del></del>	0 1	
		l	1 /1 /	) LAN	
Signa	ature M -	Sign	ature Aug		
Print	Name: Juan Carlos Moreno	Print	Name:	DX SMITH	
1 ''''	Total Control of the				





14031 SW 143RD Court - Unit 6

Miami, Florida 33186

Phone: (305) 255-6067 Fax. :(786) 430-1747

Email: Office@cicdinc.com



Date OCTOBER 6 Proposal Submitted to: METRO EQUIMENT SERVICES, INC **PUMP STATION 0418** 

b Nar	me:	Demolit	ion Fillet		
EM	DESCRIPTION	Unit	Quantity		
1 1	abor	Hr	_		
	General Manager	Hr	2.00		
	Superintent	Hr	3.00		
 	Foreman Steer/Robert	Hr	8.00		
	Operator Skid Steer/Bobcat	Hr	24.00		
L	Labor with hand tools	Hr	_		
-	Labor				
L					 
1	Equipment				
- 4	Equipment Excavator	Hr	8.00		 
}	Skid Loader	Hr	8.00		 
ŀ	Diesel Air Compresor	Hr	8.00		
,	(2) Hammer 3/4"Air Impact	Hr	-		
- 1	Gas Detector	Hr	-		
	Personal Retrieval System	Hr	-		 
	(2) 42" Fon	Hr	16.00		
	(2) 12" Fan 2" Sumersible Pump	Hr	-		 
	2" Sumersible Fump	Hr	16.00		
	(2) 4 1/2" grainder	Hr	8.00		
	24" Hydraulic Concrete Saw (3) Breaker Pavement Air 60#	Hr	24.00		
	(3) Breaker Pavement Air 00#		_		
	T				
2	Material	GI	20.00		
	Diesel	Load	s -		
	Debris Removal				
			/) (	MA	
		Sian	ature My	1 duit	
Signa	ature /	Prin	ature Ay Yo	D.SMITH	 
Print	Name: Juan Carlos Moreno				





General Contractor 14031 SW 143RD Court - Unit 6

Miami, Florida 33186

Phone: (305) 255-6067 Fax. :(786) 430-1747

Email: Office@cicdinc.com

Proposal Submitted to:	Date	OCTOBER 9	
Proposal Submitted to:	-		
METRO EQUIMENT SERVICES, INC			
DUMP STATION 0/18			

Job Na	ime.	Demoli	tion Fillet		
JUD 148	illie.				
ITEM	DESCRIPTION	Unit	Quantity		
IIEIVI	DECOMI NON				
- 1	Labor				
'	General Manager	Hr	-		
	Superintent	Нг	2.00		
	Foreman	Hr	3.00		
	Operator Skid Steer/Bobcat	Hr	8.00		
j	Labor with hand tools	Hr	24.00		
	Labor	Hr	•		
2	Equipment				
~	Excavator	Hr	8.00		
	Skid Loader	Hr	8.00		
	Diesel Air Compresor	Hr	8.00		
	(2) Hammer 3/4"Air Impact	Hr	-		
	Gas Detector	Hr	-		
	Personal Retrieval System	Hr	-		
	(2) 12" Fan	Hr	16.00		
	2" Sumersible Pump	Hr	_		
	(2) 4 1/2" grainder	Hr	16.00		
	24" Hydraulic Concrete Saw	Hr	8.00		
	(3) Breaker Pavement Air 60#	Hr	24.00		
	(0)		-		
2	Material				T
_	Diesel	Gl	20.00		
	Debris Removal	Load	-		
1	6				
				h	
			11 1	14	
Signa	ture	Signa	ature /	No San IX	
Drint 1	Name: Juan Carlos Moreno	Print	Name: Janu	1 D. SHIM	
Final	Tarrio, dudit darios motorio				
l		1			





Date

General Contractor 14031 SW 143RD Court - Unit 6

Miami, Florida 33186

Phone: (305) 255-6067 Fax. :(786) 430-1747

OCTOBER 10

Email: Office@cicdinc.com



Proposal Submitted to: METRO EQUIMENT SERVICES, INC **PUMP STATION 0418** 

PUMP	STATION 0418				
Job Na	ıme:	Demoliti	on Fillet		
			Otier		
ITEM	DESCRIPTION	Unit	Quantity		
1	Labor				
	General Manager	Hr	2.00		
1	Superintent	Hr	2.00		
	Foreman	Hr	8.00		
	Operator Skid Steer/Bobcat	Hr			
	Labor with hand tools	Hr	18.00		
	Labor	Hr	-		
2	Equipment		0.00		T
_	Excavator	Hr	8.00		
	Skid Loader	Hr	8.00		
ŀ	Diesel Air Compresor	Hr	8.00		
	(2) Hammer 3/4"Air Impact	Hr			
<u> </u>	Gas Detector	Hr			
	Personal Retrieval System	Hr			
ł	(2) 12" Fan	Hr	16.00		
1	2" Sumersible Pump	Hr			
	(2) 4 1/2" grainder	Hr	16.00		
	24" Hydraulic Concrete Saw	Hr	8.00		
1	(3) Breaker Pavement Air 60#	Hr	24.00		
Į.	(o) Broaker - 1				
1			8		
2	Material				
1 1	Diesel	Gl	20.00		
	Debris Removal	Loads	-		
1	Deblis (Cilioval				
1					
1					
1					
			1	0.1	
Cian	atura (AT	Signa	ature Com	at Smith	
Signa	ature // \ Name: Juan Carlos Moreno		Name: John	1 D. SMITH	
Print	Name. Juan Canos Moreno				
1		}			





**PUMP STATION 0418** 

General Contractor
14031 SW 143RD Court - Unit 6

Miami, Florida 33186 · Phone: (305) 255-6067 Fax. :(786) 430-1747

Email: Office@cicdinc.com

Proposal Submitted to:	Date OCTOBER 11	
METRO FOLIMENT SERVICES INC		

Job Na	me:	Demolition Fillet			
ITEM	DESCRIPTION	Unit	Quantity		
1	Labor				
,	General Manager	Hr	-		
	Superintent	Hr	2.00		
	Foreman	Hr	-		
	Operator Skid Steer/Bobcat	Hr	8.00		
	Labor with hand tools	Hr	20.00		
	Labor	Hr	-		
2	Equipment		0.00	The state of the s	
	Excavator	Hr	8.00		
	Skid Loader	Hr	8.00		
	Diesel Air Compresor	Hr	8.00		
	(2) Hammer 3/4"Air Impact	Hr	-		
	Gas Detector	Hr	-		
	Personal Retrieval System	Hr	40.00		
	(2) 12" Fan	Hr	16.00		
	2" Sumersible Pump	Hr	- 40.00		
	(2) 4 1/2" grainder	Hr	16.00		
	24" Hydraulic Concrete Saw	Hr	8.00		
	(3) Breaker Pavement Air 60#	Hr	24.00		
			-		
2	Material		00.00		
	Diesel	Gl	20.00		
	Debris Removal	Loads	1.00		
	M. L.		<u> </u>	7 1 4 (1)	
	وطاا	<b> </b>	//	( ) / TAB	
Signa	ture	Signa	ture /em	The state of the s	
Print I	Name: Juan Carlos Moreno	Print I	Name: JAN	4 DISMITH	
1					





Phone: (305) 255-6067 Fax. :(786) 430-1747

Email: Office@cicdinc.com

OCTOBER 12 Date Proposal Submitted to: METRO EQUIMENT SERVICES, INC **PUMP STATION 0418** 

Job Na	Job Name: Demolition Fillet					
ITEM ]	DESCRIPTION	Unit	Quantity			
1	Labor Canada Managar	Hr				
	General Manager	Hr	2.00			
'	Superintent	Hr	-			
	Foreman Operator Skid Steer/Bobcat	Hr	8.00			
	Operator Skid Steel/Bobcat	Hr	24.00		*	
	Labor with hand tools	Hr	-			
	Labor					
		11				
	Equipment					
2	Equipment Excavator	Hr	8.00			
ı	Skid Loader	Hr	8.00			
	Diesel Air Compresor	Hr	8.00			
	(2) Hammer 3/4"Air Impact	Hr	-			
		Hr	-			
	Gas Detector	Hr	_			
	Personal Retrieval System	Hr	16.00			
	(2) 12" Fan	Hr	-			
	2" Sumersible Pump	Hr	16.00			
	(2) 4 1/2" grainder	Hr	8.00			
l	24" Hydraulic Concrete Saw	Hr	24.00			
1	(3) Breaker Pavement Air 60#	<del>  171</del>	24.00			
			<u> </u>			
					35	
2		GI	20.00			
	Diesel	Load				
ł	Debris Removal	Load	3			
			<del> </del>			
1						
L						
			ature (m)	2/1-10		
Signa		Signa	ature (M)	NOW ITTL		
Print	Name: Juan Carlós Moreno	Print	Name: //A/04	V. SPILLIA		
1						





Phone: (305) 255-6067 Fax. :(786) 430-1747

Email: Office@cicdinc.com

Proposal Submitted to:
METRO EQUIMENT SERVICES, INC
PUMP STATION 0418

Date OCTOBER 13

Job Na	me:	Demolit	ion Fillet		
ITEM	DESCRIPTION	Unit	Quantity		
1 1 F- IAI					
1	Labor			<del>_</del>	
•	General Manager	Hr	-		
	Superintent	Hr	2.00		
	Foreman	Hr	-		
	Operator Skid Steer/Bobcat	Hr	8.00		
	Labor with hand tools	Hr	24.00		
	Labor	Hr	-		
			-		
2	Equipment				
-	Excavator	Hr	8.00		
	Skid Loader	Hr	8.00		
	Diesel Air Compresor	Hr	8.00		
	(2) Hammer 3/4"Air Impact	Hr	-		
	Gas Detector	Hr	-		
	Personal Retrieval System	Hr	-		
	(2) 12" Fan	Hr	16.00		
	2" Sumersible Pump	Hr	-		
	(2) 4 1/2" grainder	Hr	16.00		
80	24" Hydraulic Concrete Saw	Hr	8.00		
l	(3) Breaker Pavement Air 60#	Hr	24.00		
Ī			-		
1					
2	Material				
~	Diesel	GI	20.00		
	Debris Removal	Loads	-		
				L	
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				
1	i N				
<b></b>	The state of the s		11 1	10	
Signa	ture LV -	Signa	ature Ly	alxino	
Drint	Name: Juan Carlos Moreno	Print	Name: Cath	1 D. SMITH	
F1011.	Valle, Juan Canco Moreno				
1					





DESCRIPTION

General Contractor 14031 SW 143RD Court - Unit 6 Miami, Florida 33186

Phone: (305) 255-6067 Fax. :(786) 430-1747

Email: Office@cicdinc.com

Proposal Submitted to:
METRO EQUIMENT SERVICES, INC
PUMP STATION 0418

General Manager Superintent Foreman

Operator Skid Steer/Bobcat Labor with hand tools

Diesel Air Compresor
(2) Hammer 3/4"Air Impact

2" Sumersible Pump (2) 4 1/2" grainder

Personal Retrieval System

24" Hydraulic Concrete Saw (3) Breaker Pavement Air 60#

**Gas Detector** 

(2) 12" Fan

2 Material

Job Name:

1 Labor

Labor

2 Equipment
Excavator
Skid Loader

ITEM

	Date _	OCTOBER	16
emoli	tion Fillet		
Unit	Quantity		
Hr	- 1		
Нг	2.00		
Hr Hr Hr Hr Hr	-		
Hr	8.00		
Hr	24.00		
<u>Hr</u>	-		
Hr	8.00		
Hr	8.00		
Hr	8.00		
Hr	-		
Hr	-		
Hr	- 40.00		
Нг	16.00		
Hr	16.00		
Hr	16.00 8.00		
Hr Hr	24.00		
п	24.00		
	<u> </u>	1	
Gl	20.00		

	Diesel	GI	20.00		
1	Debris Removal	Loads	-		
l	Deblis Kelliovai				
				^	
	MX.	<u></u>	) C		
	11/0	Signal	tura / tura	D. SN /TH	
Signati	ure // /	Drint	Jame: All	D. SNITH	
⊃rint N	ame: Juan Ćarlos Moreno	Piliti	value. Opto	v. 7. 1 11.	
		l			
		<u> </u>			





Phone: (305) 255-6067 Fax. :(786) 430-1747

Email: Office@cicdinc.com

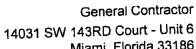
Proposal Submitted to:

METRO EQUIMENT SERVICES, INC
PUMP STATION 0418

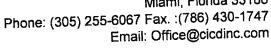
Date OCTOBER 17

b Na	me:	Demoliti	on Fillet		
	DESCRIPTION	Unit	Quantity		
EM	DESCRIPTION				
1	Labor		<u> </u>		
	General Manager	Hr	2.00		
	Superintent	Hr	2.00		
Ì	Foreman	Hr	8.00		
į	Operator Skid Steer/Bobcat	Hr	24.00		
l	Labor with hand tools	Hr	24.00		
	Labor	Hr			
2	Equipment	Hr	8.00		
	Excavator	Hr	8.00		
	Skid Loader	Hr	8.00		
,	Diesel Air Compresor	Hr	-		
	(2) Hammer 3/4"Air Impact	Hr			
	Gas Detector	Hr			
	Personal Retrieval System	Hr	16.00		
	(2) 12" Fan	Hr	10.00		
	2" Sumersible Pump	Hr	16.00		
	(2) 4 1/2" grainder	Hr	8.00		
	24" Hydraulic Concrete Saw		24.00		
	(3) Breaker Pavement Air 60#	Hr	24.00		
				100.0	
2	Material	GI	20.00		
	Diesel	Loads	-		
	Debris Removal				
	M. I		n n	10/1	
	ature	Signs	ature long	of mild	
Signa		Drint	Name: Aru	D. SMITH	
Drint	Name: Juan Carlos Moreno	FIIIIL	Tarrio.		





Miami, Florida 33186





Date OCTOBER 18 Proposal Submitted to: METRO EQUIMENT SERVICES, INC **PUMP STATION 0418** 

		Ph Ph	on Fillot		
ob Nar	me:	Demoliti	on Fillet		
ГЕМ	DESCRIPTION	Unit	Quantity		
1 []	Labor	Hr	-		
	General Manager	Hr	2.00		
	Superintent	Hr	<del>-</del>		
-	Foreman Old Chara(Reheat	Hr	8.00		
Ļ	Operator Skid Steer/Bobcat	Hr	16.00		
1	Labor with hand tools	Hr	-		
- }	Labor				
2	Equipment	Hr	8.00		
	Excavator	Hr	8.00		
	Skid Loader	Hr Hr	8.00		
	Diesel Air Compresor	Hr			
	(2) Hammer 3/4"Air Impact	Hr			
	Gas Detector	Hr			
	Personal Retrieval System		16.00		
	(2) 12" Fan	Hr Hr	10.00		
	2" Sumersible Pump		16.00		
	(2) 4 1/2" grainder	Hr	8.00		
	24" Hydraulic Concrete Saw	Hr	24.00		
	(3) Breaker Pavement Air 60#	Hr	24.00		
2	Material	GI	20.00		
	Diesel	Loads	-		
	Debris Removal				
			// (	1 / Ch	
	1	Siana	ature (	a shell	
Signa	ature V	Print	Name: Care	D. SHITH	
Print	Name: Juan Carlos Moreno				





Phone: (305) 255-6067 Fax. :(786) 430-1747

Email: Office@cicdinc.com

Proposal Submitted to:
METRO EQUIMENT SERVICES, INC
PUMP STATION 0418

Date OCTOBER 19

b Na	me:	Demoli	ion Fillet			
EM	DESCRIPTION	Unit	Quantity			
<u> </u>						
1	Labor				T	
-	General Manager	Hr				
	Superintent	Hr	2.00			
	Foreman	Hr				
	Operator Skid Steer/Bobcat	Hr	8.00			
	Labor with hand tools	Hr	24.00			
	Labor	Hr	-			
2	Equipment	Hr	8.00			
	Excavator	Hr	8.00			
	Skid Loader	Hr	8.00			
	Diesel Air Compresor	Hr	- 0.00			
	(2) Hammer 3/4"Air Impact					
	Gas Detector	Hr				
	Personal Retrieval System	Hr	16.00			
	(2) 12" Fan	Hr	10.00			
	2" Sumersible Pump	Hr	10.00			
	(2) 4 1/2" grainder	Hr	16.00			
	24" Hydraulic Concrete Saw	Hr	8.00			
	(3) Breaker Pavement Air 60#	Hr	24.00			
2	Material	Gl	20.00			
	Diesel	Load				
	Debris Removal					
	, , , , , , , , , , , , , , , , , , , ,					
			<del></del>	1-01		
	1 1/0%	0:	ature sung	1) Small		
Signa	ature /		alure Allama:	1). SMITH		
<b>Print</b>	Name: Juan Carlos Moreno	Print	Name: (A)	J. Sitti		
	<del></del>					

AK 04/26/18



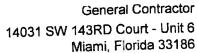
Phone: (305) 255-6067 Fax. :(786) 430-1747

Email: Office@cicdinc.com

Proposal Submitted to:
METRO EQUIMENT SERVICES, INC
PUMP STATION 0418

Date OCTOBER 20

b Na	ime:	Demolit	tion Fillet		
		Unit	Quantity		
EM	DESCRIPTION	1 Offic 1	Quartery		
1	Labor				
•	General Manager	Hr			
	Superintent	Hr	2.00		
	Foreman	Hr	-		
	Operator Skid Steer/Bobcat	Hr	8.00		
	Labor with hand tools	Hr	24.00		
	Labor	Hr	-		
			L		
2	Equipment	Hr	8.00		
	Excavator	The second secon	8.00		
	Skid Loader	Hr	8.00		
	Diesel Air Compresor	Hr			
	(2) Hammer 3/4"Air Impact	Hr	-		
	Gas Detector	Hr			
	Personal Retrieval System	Hr	1000		
	(2) 12" Fan	Hr	16.00		
	2" Sumersible Pump	Hr	-		
	(2) 4 1/2" grainder	Hr	16.00		
	24" Hydraulic Concrete Saw	Hr	8.00		
	(3) Breaker Pavement Air 60#	Hr	24.00		
	(a) Breaker ( a verification				
2	Material	GI	20.00		
	Diesel	Load			
	Debris Removal	Load	19		
			+		
			116.	) No 4H	
Siana	ature $\mathcal{N}^{i}$		ature (	LINE LINE	
Print	Name: Juan Carlos Moreno	Prin	t Name: (	B SHITH	
		1 1100			





Phone: (305) 255-6067 Fax. :(786) 430-1747

Email: Office@cicdinc.com

Date OCTOBER 23 Proposal Submitted to: METRO EQUIMENT SERVICES, INC **PUMP STATION 0418** 

b Name:			Demolition Fillet			
	DECORPTION	Unit	Quantity			
EM	DESCRIPTION	1 01112				
1	Labor	Hr	-			
-	General Manager	Hr	2.00			
	Superintent	Hr	-			
-	Foreman Operator Skid Steer/Bobcat	Hr	8.00			
-	Labor with hand tools	Hr	24.00			
	Labor	Hr	-			
-	Labor					
2	Equipment					
	Excavator	Hr	8.00			
1	Skid Loader	Hr	8.00			
	Diesel Air Compresor	Нг	8.00			
	(2) Hammer 3/4"Air Impact	Hr				
	Gas Detector	Hr				
	Personal Retrieval System	Hr				
	(2) 12" Fan	Hr	16.00			
	2" Sumersible Pump	Hr	40.00			
	(2) 4 1/2" grainder	Hr	16.00 8.00			
	24" Hydraulic Concrete Saw	Hr	24.00			
	(3) Breaker Pavement Air 60#	Hr	24.00			
2	Material Diesel	GI	20.00			
	Debris Removal	Load	s 1.00			
	Depris Removal					
				L A		
Signa	nture Name: Juan Carlos Moreno	Sign Print	ature Name:	) Suit 1) SM/TH		

PA 01/8



Phone: (305) 255-6067 Fax. :(786) 430-1747

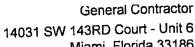
Email: Office@cicdinc.com

Proposal Submitted to:
METRO EQUIMENT SERVICES, INC
PUMP STATION 0418

Date	OCTOBER	24	

ob Name:		Demolition Fillet				
EM	DESCRIPTION	Unit	Quantity			
L. 191						
1	Labor					
Ī	General Manager	Hr				
	Superintent	Hr	2.00	<u></u>		
r	Foreman	Hr				
ŗ	Operator Skid Steer/Bobcat	Hr	8.00			
ļ	Labor with hand tools	Hr	24.00			
Ì	Labor	Hr	-			
Ì						
2	Equipment					
- 4	Excavator	Hr	8.00			
	Skid Loader	Hr	8.00			
	Diesel Air Compresor	Hr	8.00			
	(2) Hammer 3/4"Air Impact	Hr	-			
	Gas Detector	Hr	-			
		Hr	-			
	Personal Retrieval System	Hr	16.00			
	(2) 12" Fan	Hr	-			
	2" Sumersible Pump	Hr	16.00			
	(2) 4 1/2" grainder	Hr	8.00			
	24" Hydraulic Concrete Saw	Hr	24.00			
	(3) Breaker Pavement Air 60#	III.	24.00			
2	Material					
_	Diesel	GI	20.00			
	Debris Removal	Load	s -			
				1 - 1 - A		
Signa	ture		ature In J	1 D. 8M17H		
Print Name: Juan Carlos Moreno		Print Name: (Jahry D. SMITH				





Miami, Florida 33186



Phone: (305) 255-6067 Fax. :(786) 430-1747 Email: Office@cicdinc.com

Proposal Submitted to: METRO EQUIMENT SERVICES, INC **PUMP STATION 0418** 

Date OCTOBER 25

b Name:		Demolition Fillet				
		Unit	Quantity			
EM	DESCRIPTION					
4 1	Labor				1	
٠,	General Manager	Hr				
	Superintent	Hr	2.00			
ŀ	Foreman	Hr	<del></del>			
ŀ	Operator Skid Steer/Bobcat	. Hr	8.00			
h	Labor with hand tools	Hr	24.00			
	Labor	Hr	-			
ł						
2	Equipment	Hr	8.00			
ı	Excavator	Hr	B.00			
İ	Skid Loader	Hr	8.00			
	Diesel Air Compresor		- 0.00			
	(2) Hammer 3/4"Air Impact	Hr				
	Gas Detector	Hr				
	Personal Retrieval System	Hr	16.00			
	(2) 12" Fan	Hr	10.00			
	2" Sumersible Pump	Hr	16.00			
	(2) 4 1/2" grainder	Hr				
	24" Hydraulic Concrete Saw	Hr	8.00			
	(3) Breaker Pavement Air 60#	Hr	24.00			
			-			
2	Material	GI	20.00			
	Diesel	Load				
	Debris Removal	Load	-			
					NI NI	
			+	, ,		
			1 /	1		
		S:	atura /	Notato		
Signature		Sign	Print Name: (AUY D. SH 17)+			
Print Name: Juan Carlos Moreno		Prin	Fillit Name. (Air)			
-						





General Contractor 14031 SW 143RD Court - Unit 6 Miami, Florida 33186

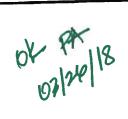
Phone: (305) 255-6067 Fax. :(786) 430-1747

Email: Office@cicdinc.com

Proposal Submitted to:

METRO EQUIMENT SERVICES, INC

PUMP	STATION 0418				
Job Na	ome:	Demolitio	n Fillet		
300 146	11110-				
ITEM	DESCRIPTION	Unit	Quantity		
I I E IVI	DEOO(MI : TOX				
4	Labor				
τ	General Manager	Hr	-		
		Hr	2.00		
	Superintent Foreman	Hr	-		
	Operator Skid Steer/Bobcat	Hr	8.00		
	Labor with hand tools	Hr	16.00		
	Labor	Hr	-		
	Equipment				
	Excavator	Hr	8.00		
	Skid Loader	Hr	8.00		
	Diesel Air Compresor	Hr	8.00		
	(2) Hammer 3/4"Air Impact	Hr	-		
	Gas Detector	Hr	-		
	Personal Retrieval System	Hr	**		
Ì		Hr	16.00		
Ì	(2) 12" Fan	Hr	-		
	2" Sumersible Pump	Hr	16.00		
	(2) 4 1/2" grainder	Hr	8.00		
1	24" Hydraulic Concrete Saw (3) Breaker Pavement Air 60#	Hr	24.00		
•	(3) Breaker Pavement Air 60#		-		
					<del></del> .
ŀ					
L	Ind. A				
2		GI	20.00		
l	Diesel Debris Removal	Loads	-		
l	Debris Removal				
1					
l .					
1			Λ		
			16/	1 411	
	· NO	Signat	ure / Amy	1 Dans	
Signa	ature	Print N		D. SMITH	
Print	Name: Juan Carlos Moreno	<del></del>	( ) - ( ) - ( ) - ( )		
1		<u> </u>			
1					





General Contractor 14031 SW 143RD Court - Unit 6 Miami, Florida 33186

Phone: (305) 255-6067 Fax. :(786) 430-1747

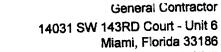
Email: Office@cicdinc.com

Proposal Submitted to:
METRO EQUIMENT SERVICES, INC
PUMP STATION 0418

Date OCTOBER 27

ועו ועמ	ime:					
EM	DESCRIPTION	Unit	Quantity			
4	Labor					
1	General Manager	Hr	-			
	Superintent	Hr	2.00			
	Foreman	Hr	-			
	Operator Skid Steer/Bobcat	Hr	8.00			
	Labor with hand tools	Hr	24.00			
		Hr	-			
	Labor					
2	Equipment	l Hr	8.00			
	Excavator	Hr	8.00			
	Skid Loader	Hr	8.00			
	Diesel Air Compresor	Hr				
	(2) Hammer 3/4"Air Impact	Hr	-			
	Gas Detector	Hr				
	Personal Retrieval System	Hr	16.00			
	(2) 12" Fan	Hr	-			
	2" Sumersible Pump	Hr	16.00			
	(2) 4 1/2" grainder	Hr	8.00			
	24" Hydraulic Concrete Saw	Hr	24.00			
	(3) Breaker Pavement Air 60#		-			
	2  Material		20.00			
	Diesel	Gl				
	Debris Removal	Load	<u> </u>			
			<del></del>	<del> </del>		
				1 1 001	1	
	IVA	Sin.	nature	h Le Lu St		
Sign	ature <u>W</u> -		nature August	N. CM ITI		
Print	Name: Juan Carlos Moreno	Piiii	I IVAITIO. ALE	V. 1.11.X		







Skid Loader

**Gas Detector** 

(2) 12" Fan

Diesel Air Compresor

2" Sumersible Pump

(2) 4 1/2" grainder

(2) Hammer 3/4"Air Impact

Personal Retrieval System

24" Hydraulic Concrete Saw
(3) Breaker Pavement Air 60#

Phone: (305) 255-6067 Fax. :(786) 430-1747

Email: Office@cicdinc.com

Job Name.	PUMP	eal Submitted to: O EQUIMENT SERVICES, INC STATION 0418	Demolii	tion Fillet	
1 Labor	N GOL	ame:			
1 Labor	TEM	DESCRIPTION	Unit	Quantity	
General Manager  Superintent  Foreman  Operator Skid Steer/Bobcat  Labor with hand tools  Hr  Hr  1.00  Hr	1 141				
General Manager  Superintent  Foreman  Operator Skid Steer/Bobcat  Labor with hand tools  Hr  Hr  1.00  Hr	- 1	Labor			
Superintent Hr Foreman Hr - Operator Skid Steer/Bobcat Hr 1.00 Labor with hand tools Hr	1	General Manager	Hr	-	
Foreman Hr - Operator Skid Steer/Bobcat Hr 1.00 Labor with hand tools Hr			Hr		
Operator Skid Steer/Bobcat Hr 1.00  Labor with hand tools Hr			Hr		
Labor with hand tools		Operator Skid Steer/Bobcat	Hr	1.00	
		Labor with hand tools	Hr		
			Hr		
					<u> </u>
		Equipment			
2 Equipment	_	Excavator	Hr	1.00	
7 ( 7 )		LAGGEO!			

Hr

2	Material				 
-	Diesel	GI			
	Debris Removal	Loads	1.00		
	Debits (Veritova)				
l	Λ.:			<b></b>	······································
l				<u> </u>	
Signa	ture	Signature Print Nan	. النا	M	
Print !	Name: Juan Carlos Moreno	r increas			

07/24/18



General Contractor 14031 SW 143RD Court - Unit 6 Miami, Florida 33186

Phone: (305) 255-6067 Fax. :(786) 430-1747

Email: Office@cicdinc.com

Proposal Submitted to:
METRO EQUIMENT SERVICES, INC
PUMP STATION 0418

Date NOVEMBER 1

TEM	Demolition Fillet				
General Manager					
General Manager					
Superintent					
Foreman					
Labor with hand tools					
Labor with hand tools					
Equipment   Excavator					
Excavator					
Personal Retrieval System					
(2) 12" Fan					
2" Sumersible Pump					
(2) 4 1/2" grainder					
24" Hydraulic Concrete Saw					
(3) Breaker Pavement Air 60# Hr 24.00					
2 Material Diesel GI 20.00					
Debris Removal Loads -					
	<del></del>				
\\\\					
Signature Print Name: Juan Carlos Moreno Signature Print Name: Cinci Inc.	1:012				





General Contractor 14031 SW 143RD Court - Unit 6 Miami, Florida 33186

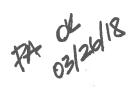
Phone: (305) 255-6067 Fax. :(786) 430-1747

Email: Office@cicdinc.com

Proposal Submitted to:
METRO EQUIMENT SERVICES, INC
PUMP STATION 0418

Date NOVEMBER 2

b Na	me:	Demoli	ion Fillet		
EM ]	DESCRIPTION	Unit	Quantity		
1	Labor	Hr			
	General Manager	Hr	2.00		
	Superintent	Hr		<del>, , , , , , , , , , , , , , , , , , , </del>	
ĵ	Foreman	Hr			
	Operator Skid Steer/Bobcat		24.00		
	Labor with hand tools	Hr	27.00	.,	
	Labor				
2	Equipment	Hr	8.00	· · · · · · · · · · · · · · · · · · ·	
	Excavator	Hr	8.00		
	Skid Loader	Hr	8.00		
	Diesel Air Compresor	Hr			
	(2) Hammer 3/4"Air Impact	Hr	<del>                                     </del>		
	Gas Detector	Hr	-		
	Personal Retrieval System	Hr	16.00		
	(2) 12" Fan	Hr	10.00		
	2" Sumersible Pump	Hr	16.00		
	(2) 4 1/2" grainder	Hr	8.00		
	24" Hydraulic Concrete Saw		24.00		
	(3) Breaker Pavement Air 60#	Hr	24.00		
	Material				
	Diesel	Gl	20.00		
	Truck Pickup 20cy	LS	-		
	Truck t lottep 2009				
Signa	ature		ature	nas Mart	7 04.7
Print	Name: Juan Carlos Moreno		Name:	may predi	X.A. E.





General Contractor 14031 SW 143RD Court - Unit 6

Miami, Florida 33186

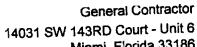
Phone: (305) 255-6067 Fax. :(786) 430-1747 Email: Office@cicdinc.com

NOVEMBER 3 Date

#### Proposal Submitted to: METRO EQUIMENT SERVICES, INC **PUMP STATION 0418**

b Nar	ne:	Demolit	on Fillet		
	Page 1910	Unit	Quantity		
EM	DESCRIPTION	T Onto			
1 1	abor				
	General Manager	Hr	2.00		
	Superintent	Hr			
r	Foreman	Hr			
	Operator Skid Steer/Bobcat	Hr	16.00		
<u> </u>	Labor with hand tools	Hr	10.00		
	Labor	Hr	-		
2	Equipment	THr	8.00		
Ī	Excavator	Hr	8.00		
	Skid Loader	Hr	8.00		
	Diesel Air Compresor	Hr			
	(2) Hammer 3/4"Air Impact	Hr Hr	-		
	Gas Detector	Hr	-		
	Personal Retrieval System		16.00		
	(2) 12" Fan	Hr	10.00		
	2" Sumersible Pump	Hr	16.00		
	(2) 4 1/2" grainder	Hr	8.00		
	24" Hydraulic Concrete Saw	Hr	24.00		
	(3) Breaker Pavement Air 60#	Hr	-		
2	Material	[ GI	20.00		
	Diesel	LS	- 20.00		
	Truck Pickup 20cy	1.3			
			<u> المستوال</u>	11).	
	ature		ature t Name:	Osty	a Martiner
Signs					





Miami, Florida 33186



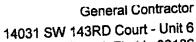
Phone: (305) 255-6067 Fax. :(786) 430-1747 Email: Office@cicdinc.com

Proposal Submitted to:

METRO EQUIMENT SERVICES, INC
PUMP STATION 0418

ob Name:		Demolition Fillet				
EM	DESCRIPTION	Unit	Quantity			
EIN						
11	abor					
	General Manager	Hr	2.00			
	Superintent	Hr	2.00			
	Foreman	Hr	4.00			
	Operator Skid Steer/Bobcat	Hr	24.00			
	Labor with hand tools	Hr				
	Labor	Hr	-			
2	Equipment	Hr	8.00			
	Excavator	Hr	8.00			
	Skid Loader	Hr	8.00			
	Diesel Air Compresor	Hr	-			
	(2) Hammer 3/4"Air Impact	Hr				
	Gas Detector	Hr	<del>                                     </del>			
	Personal Retrieval System	Hr	16.00			
	(2) 12" Fan	Hr	10.00			
	2" Sumersible Pump	Hr	16.00			
	(2) 4 1/2" grainder	Hr	8.00			
	24" Hydraulic Concrete Saw	Hr	24.00			
	(3) Breaker Pavement Air 60#	nı nı	24.00			
2	Material					
	Diesel	GI	20.00			
	Truck Pickup 20cy	LS	-			
Signa	nture		nature nt Name: (//	now Mortista		
Print '	Name: Juan Carlos Moreno	<del></del>	· · · · · · · · · · · · · · · · · · ·			

px or 03/26/18



Miami, Florida 33186

Phone: (305) 255-6067 Fax. :(786) 430-1747

NOVEMBER 7

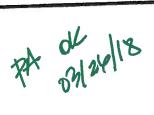
Email: Office@cicdinc.com

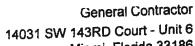


Proposal Submitted to: METRO EQUIMENT SERVICES, INC PUMP STATION 0418

Name:		Demolition Fillet				
	DESCRIPTION	Unit	Quantity			
M	DESCRIPTION					
1 1	abor					
. F	General Manager	Hr				
	Superintent	Hr	2.00			
	Foreman	Hr	-			
- 1	Operator Skid Steer/Bobcat	Hr	4.00	.,		
-	Labor with hand tools	Hr	24.00			
-	Labor	Hr	-			
			<u> </u>			
2	Equipment	Hr	8.00			
1	Excavator	Hr	8.00			
	Skid Loader	Hr	8.00			
	Diesel Air Compresor	Hr	-			
	(2) Hammer 3/4"Air Impact	Hr	-			
	Gas Detector	Hr	-			
	Personal Retrieval System	Hr	16.00			
	(2) 12" Fan	Hr				
	2" Sumersible Pump	Hr	16.00			
	(2) 4 1/2" grainder	Hr	8.00			
	24" Hydraulic Concrete Saw	Hr	24.00	,		
	(3) Breaker Pavement Air 60#		24.00			
·					· · · · · · · · · · · · · · · · · · ·	
2		GI	20.00	1		
	Diesel	LS	-			
	Truck Pickup 20cy	- 1.0				
			<del></del>	+		
	11 1			13.10		
	MILO	\ <u>.</u> .		F. A.		
ions	ature		nature nt Name:	ana 124	cine	

Date





Miami, Florida 33186

Phone: (305) 255-6067 Fax. :(786) 430-1747 Email: Office@cicdinc.com



Date NOVEMBER 8

Proposal Submitted to: METRO EQUIMENT SERVICES, INC	
PUMP STATION 0418	

b Name:		Demoli	Demolition Fillet				
	DESCRIPTION	Unit	Quantity				
<u> </u>							
La	bor	1					
G	eneral Manager	Hr	2.00	<u></u>			
Si	uperintent	Hr	2.00				
	oreman	Hr	2.00				
O	perator Skid Steer/Bobcat	Hr	24.00				
	abor with hand tools	Hr	24.00				
	abor	Hr		<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>			
2 E	quipment xcavator	Hr	8.00				
	kid Loader	Hr	8.00				
	Diesel Air Compresor	Hr	8.00				
17	2) Hammer 3/4"Air Impact	Hr	-				
1	Gas Detector	Hr	-				
1	Personal Retrieval System	Hr					
17	2) 12" Fan	Hr	16.00				
12	"Sumersible Pump	Hr	10.00				
- 17	2) 4 1/2" grainder	Hr	16.00				
	24" Hydraulic Concrete Saw	Hr	8.00				
1	3) Breaker Pavement Air 60#	Hr	24.00				
2 1	Material						
	Diesel	GI	20.00				
	Truck Pickup 20cy	LS					
<b>-</b>							
h							
gnatu	are ame: Juan Carlos Molerio		nature (	2 Cox	na Martingt		





General Contractor 14031 SW 143RD Court - Unit 6 Miami, Florida 33186

Phone: (305) 255-6067 Fax. :(786) 430-1747

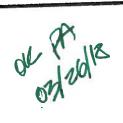
Email: Office@cicdinc.com

Proposal Submitted to:

METRO EQUIMENT SERVICES, INC
PUMP STATION 0418

Date NOVEMBER 9

Nar	me:	Demoli	tion Fillet		
М	DESCRIPTION	Unit	Quantity		
1	abor	Hr			
	General Manager	Hr	2.00		
	Superintent	Hr	-		
L	Foreman Strid Chart/Robert	Hr	4.00		
-	Operator Skid Steer/Bobcat	Hr	24.00		
	Labor with hand tools	Hr	-		
}	Labor				
2	Equipment	Hr	8.00		
[	Excavator	Hr	8.00		
	Skid Loader		8.00		
	Diesel Air Compresor				
	(2) Hammer 3/4"Air Impact	Hr			
	Gas Detector	Hr	<del> </del>		
	Personal Retrieval System	Hr	16.00	<del>, , , , , , , , , , , , , , , , , , , </del>	
İ	(2) 12" Fan	Hr	10.00		
	2" Sumersible Pump	Hr	16.00		
	(2) 4 1/2" grainder	Hr	8.00		
	24" Hydraulic Concrete Saw	Hr	24.00		
	(3) Breaker Pavement Air 60#	Hr	24.00		
2	Material	GI	20.00		
	Diesel	LS	-		
	Truck Pickup 20cy				
	- Mil	Sign	nature (	2	
igna	ature		nt Name:	Onci	Mortanel
rint	Name: Juan Carlos Moreno				





General Contractor 14031 SW 143RD Court - Unit 6 Miami, Florida 33186

Phone: (305) 255-6067 Fax. :(786) 430-1747

Email: Office@cicdinc.com

Proposal Submitted to:
METRO EQUIMENT SERVICES, INC
PUMP STATION 0418

Date NOVEMBER 10

Nai	me:	Demoli	ion Fillet		
М	DESCRIPTION	Unit	Quantity		
1					
1 [	Labor	l Ue			
	General Manager	Hr	2.00		
	Superintent	Hr	2.00		
	Foreman	Hr Hr	4.00		
	Operator Skid Steer/Bobcat	Hr	24.00		
	Labor with hand tools	Hr	24.00	i	
	Labor	Ini			
2	Equipment		8.00		
	Excavator	Hr	8.00		
- 1	Skid Loader	Hr	8.00		
	Diesel Air Compresor	Hr			
	(2) Hammer 3/4"Air Impact	Hr	-		
	Gas Detector	Hr	-		
	Personal Retrieval System	Hr	40.00		
	(2) 12" Fan	Hr	16.00		
	2" Sumersible Pump	Hr	40.00		
	(2) 4 1/2" grainder	Hr	16.00		
	24" Hydraulic Concrete Saw	Hr	8.00		
	24" Hydraulic Concrete Saw (3) Breaker Pavement Air 60#	Hr	24.00		
2	Material	Gl	20.00		
	Diesel Truck Pickup 20cy	LS	-		
	Truck Pickup 20cy				
	~				
	turo No	Sign	ature	<u></u>	
gna	nture Name: Juan Carlos Moreno		Name:	-Char	Modina
IUI	Name. Juan Canos Moreno				



### EquipmentWatch.

www.equipmentwatdzcom

All prices shown in USS

#### Rental Rate Blue Book®

September 6, 2017

Volvo ECR235DL

Crawler Mounted Hydraulic Exercators

Size Class: 24.1 - 28.0 ATTons Weight

N/A



Configuration for ECR235DL

Bucket Capacity - Heaped Power Mode

1.9 cu yd Diesel

Net Horsepower Operating Weight 172 hp 27.18 mt

Blue Book Rates

\*\* FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Cosus			Estimated Operating	FH\VA Role**	
Published Rates Adjustments	Monthly \$9,545.00	Weekly 52,675,00	Dally \$670.00	Hourly \$100.00	liourly \$49.00	
Region (100%)	•	•	•			
Model Year (2017: 100%)	•	•	•			
Ownership (100%)	•	•	•		1	
Operating (100%)					1	
Totals	59,545.00	\$2,675.00	\$670.00	\$100.00	\$49.60	\$103.83

#### Rate Element Allocation

<b></b>		
Element	Percentage	Value
Depreciation (ownership)		73(44
Overhauf (ownership)	36%	\$3,43G 20/ma
Overwer townstainli	49%	54,677 05/ma
CFC (ownership)		34,477 0371114
In all come descriptions	7%	\$668,15/ma
Indirect (ownership)	8%	F707 F 6 1-1-
Fuel (operating) @ 2.53		57#3,£0/mo
• • • • • • • • • • • • • • • • • • • •	37 <b>.</b> 6	\$18.23/hr

Revised Date: 2nd Half 2017

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for DANIEL GONZALEZ (DG@NIESING.US)

积

PA ON 20/18



www.equipmentwatch.com

All prices shown in USS

### Rental Rate Blue Book®

New Holland LX665 (disc. 1999)

Skid Steer Loaders

Size Class: 1601 - 1750 lbs Weight: 5,405 lbs.



Configuration for LX665 (disc. 1999)

Power Mode Operator Protection Diesel ROPS/FOPS Net Horsepower Operating Capacity (SAE) 50 hp 1700 lbs

Blue Book Rates  FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.  Ownership Costs				Estimated Operating  Costs	FHWA Rate**	
Published Rates	Monthly \$2,205.00	Weekly 5615.00	<b>Daily</b> \$155.00	Hourly \$23.00	Hourly \$12.95	Hourly S25.48
Adjustments Region (100%) Model Year (1999: 100%)	12 -	- *	# = = = = = = = = = = = = = = = = = = =			
Ownership (100%) Operating (100%) Total:	\$2,205.00	\$615.00	\$155.00	\$23.00	\$12.95	\$25.48

#### **Rate Element Allocation**

Kate Element Anocaron		
	Percentage	Value
Element	22%	\$485,10/mo
Depreciation (ownership)	<del></del> /	\$1,453.30/mo
	66%	\$88.20/mo
Overhaul (ownership)	4%	- W
CFC (ownership)	Ho.	\$176.40/mo
Indirect (ownership)	36%	\$4.68/lu
Fuel (operating) @ 2.53	30.8	

Revised Date: 2nd Half 2017

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for DANIEL GONZALEZ (DG@MESINC.US)



www.equipmennvatch.com

All prices shown in US\$

Rental Rate Blue Book®

Sullivan-Palatek D210Q6JD Portable Rotary Screw Air Compressors

Size Class: 125 - 249 cfm Weight: 2,600 lbs.

October 30, 2017

Medel lenone

### Configuration for D210Q6JD

Rated Pressure @ PSI Power Mode

125 Diesel Horsepower Air Delivery Rating 80 210 cu ft/min

Blue Book Rates				Estimated Operating  Costs	FHWA Rate**	
Published Rates	Monthly S705.00	<b>Weekly</b> \$195.00	<b>Daily</b> 549.00	Hourly \$7.00	<b>Hourly</b> \$10.80	Hourly \$14.81
Adjustments Region (100%) Model Year (2017: 100%)			- 10 mm			
Ownership (100%) Operating (100%) T <b>otal:</b>	\$705.00	\$195.00	\$49.00	\$7.00	\$10.80	\$14.81

### **Rate Element Allocation**

Rate Element Allocation		Value
	Percentage	\$169.20/mo
Element	24%	- · ·
Depreciation (ownership)	66%	\$465.30/mb
Overhaul (ownership)	4%	\$28.20/mo
CFC (ownership)	6%	\$42.30/mo
Indirect (ownership)	67%	\$7.29/hr
Fuel (operating) @ 2.53		

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for DANIEL GONZALEZ (DG@MESINC.US)

RA OK JUS



www.equipmentwatch.com

All prices shown in US\$

### Rental Rate Blue Book®

October 30, 2017

Miscellaneous 10"

Duct Blowers & Fans-Portable

Size Class:

ALL

Weight:

N/A

Model Imago

Configuration for 10"

Drive

Direct

Power Mode

**CFM** 

Electric 50

Req. HP Type

5

Inline

\*\* FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly esumated operating cost.  Ownership Costs					Estimated Operating Costs	FHWA Rate**	
Published Rates	Monthly \$50.00	<b>Weekly</b> \$14.00	Daily S4.00	Hourly \$0.60	Hourly \$0.20	Hourly S0.48	
Adjustments Region (100%) Model Year (2017: 100%) Ownership (100%)	- -	**	2 ° 1	- -		×	
Operating (100%) Total:	\$50,00	\$14.00	\$4.00	\$0.60	\$0.20	\$0.48	

### Rate Element Allocation

IMIC DIVINOUS		Value
	Percentage	Value
Element	29%	\$14.50/mo
Depreciation (ownership)		\$30.50/mo
W	61%	5 0 00 lmo
Overhaul (ownership)	44	\$2.00/mo
CFC (ownership)	6%	\$3.00/mo
Indirect (ownership)		
Titoli err in transcript	e I was data le not available for these rates.	

Fuel cost data is not available for these rates.

Revised Date: 2nd Half 2017

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for DANIEL GONZALEZ (DG@MESINC.US)

24 of 2018



www.equipmentwatch.com

All prices shown in US\$

### Rental Rate Blue Book®

January 30, 2018

Miscellaneous 10-26SPC

Concrete Saws

Size Class: 11 - 18 HP Weight: N/A

Model Image

Configuration for 10-26SPC

Maximum Cutting Depth **Blade Capacity Diameter** 

10.625 26 ln Concrete Maximum Cutting Depth Blade Capacity Diameter

10.625 26 in Concrete

Type Horsepower 25

Type Horsepower

Blue Book Rates  ** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.  Ownership Costs				Estimated Operating Costs	FHWA Rate**	
Published Rates	<b>Monthly</b> \$755.00	<b>Weeldy</b> \$210,00	<b>Daily</b> \$53.00	Hourly \$8.00	<b>Hourly</b> \$7.65	Hourly \$11.94
Adjustments Region (100%) Model Year (2018: 100%) Ownership (100%)		:	- -			
Operating (100%)  Total:	\$755.00	\$210.00	\$53.00	\$8.00	\$7.65	\$11.94

Hourly Non-Active Use Rates \$2.40 \$8.88 Standby Rate **Idling Rate** 

#### **Rate Element Allocation**

		Value
	Percentage	
Element	44%	\$332.20/mo
Depreciation (ownership)	44%	\$332.20/mo
Overhaul (ownership)		\$30.20/mo
	4%	
CFC (ownership)	8%	\$60.40/mo
Indirect (ownership)		\$4.59/hr
Fuel (operating) @ 2.35	60%	

Revised Date: 1st Half 2018

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for DANIEL GONZALEZ (DG@MESINC.US)



(/)

EQUIPMENT (/EQUIPMENT/)

**YOUR CART** 

LOCATIONS (/LOCATIONS)
Hi, please sign in!

SOL (800) 667 9328 ERVICES /)
Support (1EL: 1-800-667-9328)

SERVICES (/#)

ABOUT (/ABOUT/)

CARTUSTRIES (/INDUSTRIES/)

SAFETY (/CUSTOMERSERVICE/SAFETY/)

4" - 5" GRINDER

Remove

4" - 5" GRINDER

TOOLFLEX This Item

4 Hour:

\$11.00 USD

Daily:

\$17.00 USD

Weekly:

\$38.00 USD

4 Week:

\$110.00 USD

CONTINUE SHOPPING (/EQUIPMENT/)

CHECKOUT

Quoted delivery and pick up fees are estimates. Other fees and taxes may apply. Actual delivery charges will be quoted when the order is confirmed based on the rental location.

A member of our team will contact you within 2 business hours with confirmation of your reservation.

AK 212/18

FIND NEAREST LOCATION (/LOCATIONS/)

**GET A QUOTE** (HTTPS://WWW.SUNBELTRENTALS.COM

**CALL US** (TEL:800 667-9328) CHAT NOW

2/6/2018, 7:20 PN

Feedback

(/)

EQUIPMENT (/EQUIPMENT/) LOCATIONS (/LOCATIONS/)

**YOUR CART** 

SOLUTIONS (/SERVICES A), please sign in: 1 (800) 667-9328

ABOUT (/ABOUT/)

INDUSTRIES (/INDUSTRIES/)

## CAR (/CUSTOMERSERVICE/SAFETY/)

24" DIAMOND BLADE CONCRETE

24" DIAMOND BLADE

CONCRETE

4 Hour:

\$100.00 USD

Daily:

\$100.00 USD

Weekly:

\$240.00 USD

4 Week:

\$475.00 USD

CONTINUE SHOPPING (/EQUIPMENT/)

CHECKOUT

Remove

Quoted delivery and pick up fees are estimates. Other fees and taxes may apply. Actual delivery charges will be quoted when the order is confirmed based on the rental location.

A member of our team will contact you within 2 business hours with confirmation of your reservation.

Ostablis

FIND NEAREST LOCATION (/LOCATIONS/)



www.equipmentwatch.com

All prices shown in USS

#### Rental Rate Blue Book®

Hand-Held Rock Drills (Jackhammers)

January 30, 2018

Miscellaneous 55WET

Size Class: 50 lbs & Over

Weight 55 lbs.

Configuration for 55WET

Type

Wet

Weight Class

55 lbs

**Blue Book Rates** 

\*\* FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

					Estimated Operating Costs	FHWA Rate**	
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly	
Published Rates	\$230.00	\$64.00	\$16.00	\$2.00	\$0.70	52.01	
Adjustments							
Region (100%)	•	-	( <del>1</del>	-			
Model Year (2018: 100%)	-	•	12	-			
Ownership (100%)	•	•	<b>14</b>	-			
Operating (100%)					-		
Total:	\$230.00	\$64.00	\$16.00	\$2.00	\$0.70	\$2.01	

Non-Active Use Rates	Hourly
Standby Rate	\$0.85
Idling Rate	\$1.31

#### **Rate Element Allocation**

Element	Percentage	Value
Depreciation (ownership)	56%	\$128.80/mo
Overhaul (ownership)	35%	\$80.50/mo
CFC (ownership)	4 <b>%</b>	\$9.20/mo
Indirect (ownership)	5%	\$11.50/mo

Fuel cost data is not available for these rates.

Revised Date: 1st Half 2018

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for DANIEL GONZALEZ (DG@MESINC.US)

PA 2418

All material herein © 2003-2018 Penton All rights reserved.

### Time and Material Record Construction Section-Date: 8/28/2017



			12012011		./\
Contract CD 5.01	Contract De	scription: P	UMP STATION 418 U	PGRADE	
ER #: <u>S049008</u>	Contractor: METR	0 E.S.	Location	on: <u>PS418</u>	
Company : METRO	E.S. Labo	<u>r</u>			
Classification	Qty.		Names (Hours)	Charles of Control	Total hrs
Superintendent	1 Juan Ca	rlos Moreno (			2
Laborers	2 David Es	teba(8)David	Remez(8)		16
	0				0
····					
					0
Favirus and	0				0
Equipment					
Type (Qty)	<u>Model</u>	Hrs.A / I	Type	Model	Hrs.A/I
Compressor (1)	SULLIVAN 0210H - AC 1377	8	(2)Dewalt 4 1/2"grinder	DWE 43113	16
New Holland	LX-665 Turbo (8)	8	(2)Intertek 12"Utility Blov	STFJ-30	16
24"Core Cut	Hydraulic Saw HS- H	8			
(3)Jack Hammer	Kent-20R	24			
			2		
	<u>N</u>	<u>laterials</u>	-		
Descripti	<u>on</u>	Quantity	Description		Quantity
Diesel Fuel		<u>10 Gal</u>			
	Work Performed by 0	Contractor of	or Subcontractor		
Company Name			of Work Completed		
C & I CONSTRUCTIONS	As execution RFI 25 demolition	of Fillet in th	e Wet Well on T&M basis	, the Contractor	C & I
	Construction saw cut and jack	hammered co	ncrete inside of wet well flo	oor.	
Mo cortifu that the work waste					
specifications unless otherwise in	med on this day, as describe herein, wa nstructed by the Engineer. As per cont	s personally insp tract document (	ected by us, and conforms with	the intent of the P	lans and
signature		Ī	signature	~	
print name Hedro Angel	.0	.	print name Juan Carlo	s Moreno	
signature Carthon	-KK		position: Superintenden		
	ary Smith		-		
PMCM Representative			Contractor Re	presentative	
	Miami Dade Water	and Sew	er Department		

1- Original to MDWASD.

2- Duplicate to Contractor

Date: 8/28/2017

obladie of

File: Time Material PS418 (08-28-2017)

## Time and Material Record Construction Section-Date: 8/29/2017



Contract CD 5.01	Contract [	Description:	PUMP STATION 418 U	IPGRADE	
ER #: <u>S049008</u>	Contractor: MET			on: PS418	53
Company : METRO	O E.S. Lat	oor			
Classification Superintendent	Qty.	Carlos Moreno	Names (Hours)		Total hn
Laborers		Esteba(8)Davi			- <u>2</u> 16
	0				0
			····		0
	0				0
<u>Equipment</u>					
Type (Qty)	<u>Model</u>	Hrs.A/I	Type	Model	Hrs.A/I
Compressor (1)	SULLIVAN 0210H - AC 13	77 8	(2)Dewalt 4 1/2"grinder	DWE 43113	16
New Holland	LX-665 Turbo (8)	8	(2)Intertek 12"Utility Blov	STFJ-30	16
24"Core Cut	Hydraulic Saw HS- H	8			
(3)Jack Hammer	Kent-20R	24			
	*	8			
	,	<u>Materials</u>			
Descript	ion	Quantity	Description		Quantity
Diesel Fuel		10 Gal		Serio El Deste des y Mose	dualitity
	Work Performed by	· Contractor			
Company Name	Work Performed by			100/E-101/V-100	
C & I CONSTRUCTIONS	As execution REL25 demolit		n of Work Completed		
0 4 1 0011011100110113	As execution RFI 25 demolit Construction saw cut and jac	ck hammered o	ine vvet vveil on 1 &M basis concrete inside of wet well fic	, the Contractor	rC&I
	·· <b>,</b> ·		perior oto morac of wet well lit	Ю.	
We certify that the work perform	med on this day, as describe herein,	was personally ins	spected by us, and conforms with	the intent of the P	Plans and
signature	instructed by the Engineer. As per co	ontract document	Ceneral Covenants and C	ha	
print name Pedro Angel	2 11		signature		
signature out	line &	- 20 20	print name Juan Carlos position: Superintendent		
print name Ca	ary Smith	-		1	
PMCM Representative			Contractor Re	presentative	
· ************************************	Miami Dade Wate	r and Sev	ver Department		

Ph 01/18

1- Original to MDWASD.

2- Duplicate to Contractor

Date: 8/29/2017

File: Time Material PS418 (08-29-2017)

## Time and Material Record Construction Section-Date: 8/30/2017



Contract CD 5.01	Contract De	scription:	PUMP STATION 418 L	JPGRADE	
ER #: <u>S049008</u>	Contractor: METR			on: PS418	
Company : METR	O E.S. Labo	<u> </u>			
<u>Classification</u> Superintendent	Qty. 1 Juan Ca	rios Moreno	Names (Hours) (2)		Total hrs
Laborers	2 David Es	steba(8)Davi	d Remez(8)		16
	0				0
					0
Equipment	0				0
Equipment Type (Qty)					
Compressor (1)	Model SULLIVAN 0210H – AC 1377	Hrs.A/I	Type	Model	Hrs.A/I
New Holland	LX-665 Turbo (8)	8	(2)Dewalt 4 1/2"grinder		16
24"Core Cut	Hydraulic Saw HS- H	8	(2)Intertek 12"Utility Blov	STFJ-30	16
(3)Jack Hammer	Kent-20R	24			
		W			
				Ti .	
		<u>laterials</u>	•		
Descript Diesel Fuel	(on	Quantity	<u>Description</u>		Quantity
<u> </u>		10 Gal			
	Work Performed by 0	Contractor	or Subcontractor		
Company Name	<b>"这类似如此</b> "的行為。指数更多性	Description	of Work Completed		
C & I CONSTRUCTIONS		of Fillet in t	he Wet Well on T&M basis	, the Contractor	C&I
	Construction saw cut and jack h	nammered c	oncrete inside of wet well flo	oor.	
We certify that the work perfor specifications unless otherwise	med on this day, as describe herein, wa instructed by the Engineer. As per cont	s personally instract documen	spected by us, and conforms with	the intent of the r	Plans and
signature			signature		
print name Pedro Angel	1. A		print name Juan Carlos		<del></del>
signature C	And Contab		position: Superintendent		
PMCM Representative	ary Smith		<b>A</b> .		
sin i topi odoi native	Miami Dade Water	and Sou	Contractor Re	<u>presentative</u>	

PA OF ING 18

1- Original to MDWASD.

2- Duplicate to Contractor

Date:

8/30/2017

File: Time Material PS418 (08-30-2017)

### Time and Material Record Construction Section-Date: 8/31/20



Contract CD 5 04	0 1 1		
Contract CD 5.01		ription: PUMP STATION 418 UPGRA	ADE
ER #: <u>S049008</u>	Contractor: METRO E	E.S. Location: PS418	
Company : METRO	D E.S. L	abor	
Classification	Qty.	Names (Hours)	
Superintendent	1 Juan Carlos Moreno	0 (2)	Total hrs
Laborers	2 David Esteba(8)Ray		- <u>2</u> 16
			10
	0		0
			<del></del>
	0		0
Equipment			0
Type (Qty)			3-3-3-3
Compressor (1)	Model Hrs.A/I	<u>Type</u> <u>Model</u>	Hrs.A/I
New Holland	SULLIVAN 021 8 LX-665 Turbo (£ 8	(2)Dewalt 4 1/2"grinder DWE 43113	16
24"Core Cut	11 11	(2)Intertek12"Utility Blow STFJ-30	16
(3)Jack Hammer	Hyc H 8 Kent-20R 24		
	710111 2011 24		
<u></u>			
·	Mate	erials	
Description	Quantity	Description	0 - "
Diesel Fuel	10 Gal	<u>Description</u>	Quantity
Debris removal	20 yds		
<u>V</u>	Vork Performed by Con	tractor or Subcontractor	
<u>Company Name</u>	De De	scription of Work Completed	
C & I CONSTRUCTIONS	As execution RFI 25 demoli	tion of Fillet in the Wet Well on TRM have	the
	Contractor C & I Construction  Well floor.	on saw cut and jack hammered concrete ins	ide of wet
	Well floor,		
We certify that the work perform	and on this day.		
of the Plans and specifications un	led on this day, as describe herein less otherwise instructed by the E	, was personally inspected by us, and conforms with ingineer. As per contract document General Covenar	the intent
signature		signature	nts and C
print name Pedro Angel	De	print name Juan Carlos Moreno	
signature Caryfu An	10 N	position: Superintendent	
print name Car  MCM Representative	ry Smith		
	mi Dada Water and	Contractor Representative	

Miami Dade Water and Sewer Department

1- Original to MDWASD.

2- Duplicate to Contractor

PA ON 18 PS (2M) IS

Date: 8/31/2017

File: Time Material PS418 (08-31-2017)

## Time and Material Record Construction Section-Date: 09/01/2017



Contract CD 5.01	Contract De	escription: PLIM	IP STATION 418 U	IDODADE	
ER #: <u>S049008</u>	Contractor: METR	20 F S			
Company : METRO			Locati	on: <u>PS418</u>	
Classification		<u></u>			
Superintendent	Qty.	X	imes (Hours)		a local hrs
Laborers		arlos Moreno (2)			2
Operator		steba(8)Ray Alard(	(8)		16
- Sportator		Flores(8)			8
	0				0
	0				0
Equipment					0
Type (Qty)	Model 1	_			
Compressor (1)	Model	Hrs.A/I Ty	pe .	Model	Hrs.A/I
New Holland	SULLIVAN 0210H - AC 1377	8 (2)	Dewalt 4 1/2"grinder	DWE 43113	16
24"Core Cut	LX-665 Turbo (8)	8 (2	)Intertek12"Utility Blow		16
	Hydraulic Saw HS- H	8 11119	TACH!	EX-200-3	8
(3)Jack Hammer	Kent-20R	24			<del></del>
		laterials			
Diesel Fuel	on the 4 stable balls of the same	Quantity	Description		Quantity
Diesei Fuel		10 Gal			COUNTRY
	Work Performed by C	contractor or Su	bcontractor		
Company Name		Description of Wo	ork Completed		Skalksenies (co
C & I CONSTRUCTIONS	As execution RFI 25 demolition Construction saw cut and lack h	of Fillet in the Wa	et Well on TRM hasis	the Contractor	
	Construction saw cut and jack h	nammered concret	e inside of wet well flo	or	Cal
				OI.	
			<del></del>		
We certify that the work perform	ed on this day, as describe herein, was p structed by the Engineer. As per contra	personally inspected b	Wile and conforms with the		
	structed by the Engineer. As per contra	act document General	Covenants and C	e intent of the Plar	is and
signature		1	ature MM		
print name Pedro Angel signature	=AV		name Juan Carlos	Moreno	
		posit	tion: Superintendent	MOTOTO	
MCM Representative	y Smith				į
MON Representative	Minusi D. L. Mi		Contractor Rep	resentative	l
	Miami Dade Water a	and Sewer D	epartment		
	<ul><li>1- Original to MDWASD.</li><li>2- Duplicate to Contractor</li></ul>	03/24/18 de		Date: 9/1/2	2017
		124	,	-a.c. 3/1/2	.017
		05/ 0			
File : Time Material PS	3418 (09-01-2017	A.			
		1.			

## Time and Material Record Construction Section-Date: 09/05/2017



Contract CD 5.01	Contract D	escription:	DI IMP CTATION 440 LIDODA	
ER #: <u>S049008</u>	Contract - MET	55CHPUON.	PUMP STATION 418 UPGRADE	
	Contractor: METR	<u>(O E.S.</u>	Location: PS418	
Company : METRO				
<u>Classification</u>	Qty.		Names (Hours)	Total h
Superintendent Laborers		arlos Moreno	0 (2)	2
Operator	3 David E	steba(8)Ray	y Alard(8)Jacinto Brito(8)	24
Operator		Flores(0)		0
	0			0
	0			0
Equipment				0
Type (Qty)	Model			
Compressor (1)	Model Still BYAN 004014 A 5	Hrs.A/I	Type Model	Hrs.A/
New Holland	SULLIVAN 0210H – AC 1377		(2)Dewalt 4 1/2"grinder DWE 43113	16
24"Core Cut	LX-665 Turbo (8)	8	(2)Intertek12"Utility Blow STFJ-30	16
(3)Jack Hammer	Hydraulic Saw HS- H Kent-20R	8	EX-200-3	8
(-)	Rent-20K	24		
	4			
	M	aterials		
Descript		Quantity	D. C. C.	
		Same	<u>Description</u>	Quantity
	Work Performed by C	ontractor	or Subcontractor	
Company Name	the contract of the second		n of Work Completed	e e succession
C & I CONSTRUCTIONS	As execution RFI 25 demolition	of Fillet in	the Wet Wall on TOM having the O	
	Construction saw cut and jack l	hammered o	concrete inside of wet well floor.	Cal
Mo cortify that the work				
specifications unless otherwise ins	ied on this day, as describe herein, was p structed by the Engineer. As per contrac	ersonally inspe	ected by us, and conforms with the intent of the Plans	and
signature		ic document of	1 ////	
print name /Pedro Angel/	1		signature	
signature Compa Such	/		print name Juan Carlos Moreno position: Superintendent	
	ry Smith			
PMCM Representative	Mr. I B. Commercial		Contractor Representative	
	Miami Dade Water a	nd Sew	er Department	

03/210/18 pt 28

2- Duplicate to Contractor

Date:

9/5/2017

File: Time Material PS418 (09-05-2017

## Time and Material Record Construction Section-Date: 09/14/2017



Contract CD 5.01	Contract D		
	Contract De	escription: PUMP STATION 418 UPGRADE	
ER #: <u>S049008</u>	Contractor: METR	O E.S. Location: PS418	
Company : METRO	D E.S. <u>Labor</u>		
Classification	Qty.	Names (Hours)	
Superintendent	1 Juan Ca	rlos Moreno (2)	Total hrs
Laborers	2 Rosendo	Arreola(8)Ray Alard(8)	16
Operator	0		
			0
Equipment			0
Type (Qty)	N. C.		
Compressor (1)	Model	Hrs.A / I Type Model	Hrs.A/I
New Holland	SULLIVAN 0210H - AC 1377	8 (2)Dewalt 4 1/2"grinder DWE 43113	16
24"Core Cut	LX-665 Turbo (8)	8 (2)Intertek12"Utility Blow STFJ-30	16
(3)Jack Hammer	Hydraulic Saw HS- H	8 Electic sump	8
(5)Jack Hammer	Kent 20-R	24	
<u>Descripti</u>		<u>aterials</u>	
Diesel Fuel	[0] 東日馬馬馬爾里 医足术 多年 李素 (情報)	Quantity Description	Quantity
		20 Gal	
	Work Performed by C	ontractor or Subcontractor	
Company Name		Description of Work Completed	
C & I CONSTRUCTIONS	As execution RFI 25 demolition	of Fillet in the Wet Well on T&M basis, the Contractor	
	Source of Saw Caf Sud ISCK U	lammered concrete inside of wet wall floor. One have	or C & I
	was used to pump out the water	r in wet well from Hurricane Irma.	or time
			Į.
	_		8
We certify that the work perform	ned on this day, as describe herein, was p	personally inspected by us, and conforms with the intent of the P	lans and
	istructed by the Engineer. As per contra	ct document General Covenants and C	ians and
signature		signature	ł
signature		print name Juan Carlos Moreno	
	ry Smith	position: Superintendent	1
MCM Representative	- ,		
	Miami Dade Water a	Contractor Representative	

1- Original to MDWASD.

2- Duplicate to Contractor

bell8

Date: 9/14/2017

File: Time Material PS418 (09-14-2017

# Time and Material Record Construction Section-Date: 09/15/2017 TEAN



Contract CD 5.01	Contract D			-/ \
	Contract D	escription:	PUMP STATION 418 UPGRADE	
ER #: <u>S049008</u>	Contractor: METF	<u> </u>	Location: PS418	
Company : METRO	E.S. Labor			
Classification	Qty.		Names (Hours)	Total b
Superintendent		arlos Moreno	0 (2)	Total h
Laborers		steba(8)Ray	Alard(8)	16
Operator		Flores(8)		8
	0			0
	0			0
Equipment				0
Type (Qty)	Model	Hrs.A / I	Type Model	TWO Softends rooms
Compressor (1)	SULLIVAN 0210H - AC 1377	7 8	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	Hrs.A/
New Holland	LX-665 Turbo (8)	8	(2)Dewalt 4 1/2"grinder DWE 43113 (2)Intertek12"Utility Blow STFJ-30	16
24"Core Cut	Hydraulic Saw HS- H	8	Track floe	16
(3)Jack Hammer	Kent-20R	24	<u> ЕХ-200-3</u>	8
<u>Descriptio</u>		<u>laterials</u>		
Diesel Fuel	10年5月1日 - 18年1日 - 18月1日  Quantity	Description	Quantity	
		20 Gal		
	Work Performed by C	Contractor	or Subcontractor	
Company Name			n of Work Completed	
C & I CONSTRUCTIONS	As execution RFI 25 demolition	n of Fillet in	the Wet Well on T&M books the Contract	
	Construction saw cut and jack	hammered o	concrete inside of wet well floor.	J & I
We certify that the work performed	d on this day as describe beroin was	<del></del>		
specifications unless otherwise inst	ructed by the Engineer. As per contra	sersonally inspe act document (	ected by us, and conforms with the intent of the Plans	and
signature			signature ////	
print name Pedre Angel signature	*		print name Juan Carlos Moreno	
	Comitth		position: Superintendent	
PMCM Representative	Smith			
	Miami Dade Water a		Contractor Representative	
	miailii Dade water a	and Sew	er Department	

1- Original to MDWASD. 03/2d/B

2- Duplicate to Contractor

Date:

9/15/2017

File: Time Material PS418 (09-15-2017

### Time and Material Record **Construction Section-Date: 09/18/2017**



Contract <u>CD 5.01</u>	Contract De	scription: F	PUMP STATION 418 U	JPGRADE	
ER #: <u>S049008</u>	Contractor: METR			on: <u>PS418</u>	
Company : METRO	E.S. Labor				
Classification	Qty.		Names (Hours)		Total h
Superintendent		rlos Moreno (		2007 C 2008 D 2008 D 2008 D 2008 D 2008 D 2008 D 2008 D 2008 D 2008 D 2008 D 2008 D 2008 D 2008 D 2008 D 2008	2
Laborers	3 David Es	teba(8)Ray	Alard(8)Jacinto Brito(8)		
	0 Livan Pe				32
Operator	0 Vicente F	lores(0)			0
Foreman	1 Jorge Sa	nroman(8)			8
					0
	0				0
<u>Equipment</u>					
Type (Qty)	<u>Model</u>	Hrs.A/I	Type	Model	Hrs.A/
Compressor (1)	SULLIVAN 0210H - AC 1377	8	(2)Dewalt 4 1/2"grinder	DWE 43113	16
New Holland	LX-665 Turbo (8)	8	(2)Intertek12"Utility Blov	STFJ-30	16
24"Core Cut	Hydraulic Saw HS- H	8	HITACHI	EX-200-3	8
(3)Jack Hammer	Kent-20R	24			
		1			
	D.A.				
Descripti		aterials			
Doscripti		Quantity 20 Gal	Description		Quantit
<del></del>		20 Gai			
	Work Performed by C	ontractor o	r Subcontractor		-
Company Name	CONSTRUCTION CONTROL OF		of Work Completed		
C & I CONSTRUCTIONS	As execution RFI 25 demolition	of Fillet in th	ne Wet Well on T&M basis	the Contractor	C & I
	Construction sawcut and jack h	ammered co	ncrete inside of wet well flo	or. Also remova	al of debris
	wet well floor.				
Mo contifue that the second second					
specifications unless otherwise in:	ed on this day, as describe herein, was p structed by the Engineer. As per contrac	ersonally inspect	ted by us, and conforms with the	e Intent of the Plan	ns and
signature				111	
print name   Pedro Angel	A		signature	s Moreno	
signature	nDt		position: Superintendent		
	ry Smith		•		
PMCM Representative			Contractor Re	presentative	
	Miami Dade Water a	and Sowe	r Department		

74 OK 18

1- Original to MDWASD.

2- Duplicate to Contractor

Date:

9/18/2017

File: Time Material PS418 (09-18-2017

## Time and Material Record Construction Section-Date: 09/19/2017



Date:

9/19/2017

Contract CD 5.01	Con	tract Description:	PUMP STATION 418 UPGRADE	
ER#: <u>S049008</u>	_	: METRO E.S.	Location: PS418	
Company : METRO	E.S.	Labor		
Classification	Qty.		Names (Hours)	
Superintendent	1	Juan Carlos Moreno		Total hr
Laborers		David Esteba(8)Ray		2
	3	Livan Perez(8)		24
Operator	0	Vicente Flores(0)		24
Foreman	11	Jorge Sanroman(8)		- 8
				0
	0			- 0
Equipment				
Type (Qty)	<u>Model</u>	Hrs.A / I	<u>Type</u> <u>Model</u>	Hrs.A / I
Compressor (1)	SULLIVAN 0210H -		(2)Dewalt 4 1/2"grinder DWE 43113	16
New Holland	LX-665 Turbo (8)	8	(2)Intertek12"Utility Blow STFJ-30	16
24"Core Cut	Hydraulic Saw HS- H	8	HITACHI EX-200-3	8
(3)Jack Hammer	Kent-20R	24		. ——
		<u>Materials</u>	•	
<u>Descript</u>	1011	Quantity	Description	Quantity
<del></del>		20 Gal		
	Work Perform	ed by Contractor	or Subcontracts	
Company Name	Market State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of th			
C & I CONSTRUCTIONS	As execution REL 25 (	demolition of Fillet in	of Work Completed	<b>工作</b>
	Construction sawcut a	and iack hammered c	the Wet Well on T&M basis, the Contractor oncrete inside of wet well floor. Also remova	r C & I
	wet well floor.	, , , , , , , , , , , , , , , , , , , ,	onordic inside of wet well floor. Also remova	ai of debris
· · · · · · · · · · · · · · · · · · ·				
We certify that the work perform	ned on this day, as describe he	erein, was nersonally inspe	ected by us, and conforms with the intent of the Plai	
specifications unless otherwise in	structed by the Engineer. As	per contract document G	eneral Covenants and C	ns and
signature			signature	
print name Pedro Angel signature	Al	-	print name Juan Carlos Moreno	
	n. Cmith	<del></del>	position: Superintendent	
PMCM Representative	ry Smith			
	Miami Dada V	Notor and Com	Contractor Representative	
	1- Original to M	valer and sew IDWASD.	er Department	

File: Time Material PS418 (09-19-2017

2- Duplicate to Contractor

### **Time and Material Record** Construction Section-Date: 09/26/20



Contract CD 5.01 Contract Description: PUMP STATION 418 UPGRADE					
ER #: <u>S049008</u>	Contractor: METRO E.	S. Location: PS418			
Company : METRO	O E.S. La	bor			
Classification	Qty.	Names (Hours)	Total hrs		
Superintendent	1 Juan Carlos Moreno		2		
Laborers	David Esteba(8)Ray	Alard(8)	· — <u> </u>		
	3 Livan Perez(8)		24		
Operator	1 Vicente Flores(4)		4		
Foreman	1 Jorge Sanroman(3)		3		
			0		
	0		0		
<u>Equipment</u>					
Type (Qty)	Model Hrs.A / I	Type Model	Hrs.A/I		
Compressor (1)	SULLIVAN 021018	(2)Dewalt 4 1/2"grinder DWE 43113	16		
New Holland	LX-665 Turbo (8) 8	(2)Intertek12"Utility Blow STFJ-30	16		
24"Core Cut	Hydra H 8	HITACHI EX-200-3	8		
(3)Jack Hammer	Kent-20R 24				
			<del></del>		
	<u>Mate</u>	rials			
Description	Quantity	<u>Description</u>	Quantity		
Diesel Fuel					
		J			
Work Performed by Contractor or Subcontractor					
Company Name		cription of Work Completed			
C & I CONSTRUCTIONS	As execution RFI 25 demolition	on of Fillet in the Wet Well on T&M basis, t	he		
Contractor C & I Construction saw cut and jack hammered concrete inside of wet well floor.					
	Well HOOf.				
the Plans and specifications union	med on this day, as describe herein, ess otherwise instructed by the Engl	was personally inspected by us, and conforms with t neer. As per contract document General Covenants a	he intent of		
signature	2, 0.10 2.19		and C		
print name Pedro Angel	-//	signature print name  Juan Carlos Moreno			
signature		position: Superintendent			
	ary Smith				
PMCM Representative		Contractor Representative			
M	iami Dade Water and	Sewer Department			

File: Time Material PS418 (09-26-2017

1- Original to MDWASD.

2- Duplicate to Contractor

Date: 9/26/2017

PH 06/26/18

## Time and Material Record Construction Section-Date: 09/27/2017 TEA



Contract CD 5.01	Control	-1.0			
			PUMP STA	TION 418 UPGRADE	
ER #: <u>S049008</u>	Contractor: M	ETRO E.S.		Location: PS418	
Company : METRO	DE.S. L	abor			
Classification	Qty.		Names (H	ours)	Total h
Superintendent	1 Jua	an Carlos Moreno	(2)		2
Laborers		vid Esteba(8)Ray	/ Alard(8)		
Operator		/an Perez(4)			20
Operator Foreman		ente Flores(3)			3
roreman	1 Jor	ge Sanroman(4)			4
	0				0
Equipment					0
Type (Qty)			-		
Compressor (1)	Model	Hrs.A/I	Type	<u>Model</u>	Hrs.A/
New Holland	SULLIVAN 0210H - AC			4 1/2"grinder DWE 43113	
24"Core Cut	LX-665 Turbo (8)		(2)Intertek	12"Utility Blow STFJ-30	16
(3)Jack Hammer	Hydraulic Saw HS- H Kent-20R		HITACHI	EX-200-3	8
· /	Nent-201	24	<del></del>		
		Materials			
<u>Descript</u>	ion	Quantity	P Sketchick Committee	Devel 4	
		20 Gal		Description	Quantity
	Work Performed	by Contractor	or Subcontra	actor	
Company Name			n of Work Com		CARL STREET, CARL
C & I CONSTRUCTIONS	As execution RFI 25 demo	olition of Fillet in	the Wet Well	on T&M basis, the Contract	tor C & I
	Construction saw cut and	jack hammered o	concrete inside	of wet well floor.	ior C at I
					19
18/0 cortife that the					
specifications unless otherwise in	ned on this day, as describe herein estructed by the Engineer. As per	, was personally insp	ected by us, and c	conforms with the intent of the	Plans and
signature	A per	contract document	deneral Covenants I	and C	
print name Pedro Angel	60		signature	Con .	
signature			print name	Juan Carlos Moreno perintendent	
	ry Smith			ha. urrelldellf	
MCM Representative			C	Contractor Representative	
	Miami Dade Wat	er and Sew	er Departi	ment	

1- Original to MDWASD.

2- Duplicate to Contractor

Date:

PK 04 18

9/27/2017

File: Time Material PS418 (09-27-2017)

## Time and Material Record Construction Section-Date: 09/28/2017 TEAM



Contract CD 5.01	Contract D	escription:	DI IMP STATION 449 I	IDCDADE	-/ \
ER #: S049008	Contractor: METRO E.S.		PUMP STATION 418 UPGRADE		
			Locati	on: <u>PS418</u>	
Company : METRO		<u>r</u>			
<u>Classification</u> Superintendent	Qty.		Names (Hours)		Total hrs
Laborers		arlos Moreno		17 - EAR - 1 - 1 - 2	0
Laborers	David Esteba(8)Ray Alard(8)  Livan Perez(8)			0	
Operator	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	<u> </u>			24
Foreman		Flores(8)			8
· oroman	Jorge S	Sanroman(3)		<del></del>	3
	0				0
Equipment					0
Type (Qty)	Model	LI-S A / I			
Compressor (1)	SULLIVAN 0210H - AC 1377	Hrs.A/I	Type	Model	Hrs.A/I
New Holland	LX-665 Turbo (8)		(2)Dewalt 4 1/2"grinder	DWE 43113	16
24"Core Cut	Hydraulic Saw HS- H	8 8	(2)Intertek12"Utility Blov		16
(3)Jack Hammer	Kent-20R	24		EX-200-3	8
	None 2010	24			
	<u> </u>	Materials			
Descript	ion	Quantity	Description		Quantity
Diesel Fuel		20 Gal			dualitity
	Work Performed by	Contractor	or Subcontractor		
Company Name			n of Work Completed		
C & I CONSTRUCTIONS	As execution RFI 25 demolitio	n of Fillet in	the Wet Well on T&M basis	, the Contractor	C & I
<del></del>	Construction saw cut and jack	nammered o	concrete inside of wet well flo	oor.	
We certify that the work perform	med on this day as describe becoin wa	c nomonally inco			
specifications unless otherwise in	ned on this day, as describe herein, wa nstructed by the Engineer. As per cont	s personally insp tract document	Dected by us, and conforms with the General Covenants and C	he intent of the Pla	ins and
signature			signature (1)	1	
print name Pedro Angel	7 DI	•	print name Juan Carlos	s Moreno	
position: Superintendent					
print name Cary Smith					
PMCM Representative	Minus D. J. M.		Contractor Re	presentative	
	Miami Dade Water	and Sew	ver Department		

PA OH palad18

1- Original to MDWASD.

2- Duplicate to Contractor

Date:

9/28/2017

File: Time Material PS418 (09-28-2017)

### Time and Material Record Construction Section-Date: 09/29/2017



Contract CD 5.01	Contract De	scription: I	PUMP STATION 418 U	IPGRADE	
ER #: <u>S049008</u>	Contractor: METR			on: <u>PS418</u>	
Company : METRO	E.S. Labor				
Classification	Qty.		Names (Hours)		Total hrs
Superintendent		rios Moreno	<u> </u>		0
Laborers		teba(7)Ray	Alard(7)		14
Operator	3 Livan Pe				0
Operator Foreman	1 Vicente F		<u>-</u>		7
Totellian	0 Jorge Sa	nroman(0)			
	0	<del></del>			0
<u>Equipment</u>					
Type (Qty)	<u>Model</u>	Hrs.A/I	Type	Model	Hrs.A/I
Compressor (1)	SULLIVAN 0210H - AC 1377		(2)Dewalt 4 1/2"grinder	DWE 43113	16
New Holland	LX-665 Turbo (8)	8	(2)Intertek12"Utility Blov		16
24"Core Cut	Hydraulic Saw HS- H	8	HITACHI	EX-200-3	8
(3)Jack Hammer	Kent-20R	24			
		_			
	M	aterials			
<u>Descript</u>		Quantity	Description		0
Diesel Fuel		20 Gal	Description	No. Delite Co. A. S.	Quantity
					<del></del>
	Work Performed by C	Contractor	or Subcontractor		- <u> </u>
Company Name			of Work Completed		
C & I CONSTRUCTIONS	As execution RFI 25 demolition	of Fillet in t	the Wet Well on T&M basis	, the Contractor	· C & I
	Construction saw cut and jack I	hammered o	concrete inside of wet well flo	oor.	
<del></del> ,					
<del></del>					
We certify that the work perform	and on this day as describe harein was				
specifications unless otherwise in	med on this day, as describe herein, was nstructed by the Engineer. As per contr	personally insp act document	Dected by us, and conforms with the General Covenants and C	he intent of the Pi	ans and
signature			signature (M)	4 -	
print name Pedro Angel	01		print name Juan Carlos	s Moreno	<del></del>
signature Luy	_0/		position: Superintendent		
	ary Smith				
PMCM Representative Contractor Representative  Miami Dade Water and Sewer Department					
	1- Original to MDWASD.	and Sew	er Department		
	2- Duplicate to Contractor		20	Date: 9/2	9/2017
			ax CV IIX		
<b>P</b>			A Stadie		
File : Time Material F	<sup>2</sup> S418 (09-29-2017 )		, Q/1.		

### Time and Material Record Construction Section-Date: 10/02/2017



Contract CD 5.01	Contract Des	scription: P	PUMP STATION 418 UPGRADE	
ER #: <u>S049008</u>	Contractor: METRO	<u> </u>	Location: PS418	
Company: METRO	E.S. Labor			
Classification	Qty.		Names (Hours)	Total hrs
Superintendent		los Moreno (	(0)	0
Laborers	David Es	teba(8)Ray A	Alard(8)	
	3 Livan Pe	rez(8)		24
Operator	1 Vicente F	lores(8)		8
Foreman	1 Jorge Sa	nroman(3)		3
				0
	0			0
Equipment				
Type (Qty)	Model	Hrs.A/I	Type Model	Hrs.A/I
Compressor (1)	SULLIVAN 0210H - AC 1377	8	(2)Dewalt 4 1/2"grinder DWE 43113	16
New Holland	LX-665 Turbo (8)	8	(2)Intertek12"Utility Blow STFJ-30	16
24"Core Cut	Hydraulic Saw HS- H	8	HITACHI EX-200-3	8
(3)Jack Hammer	Kent-20R	24		
<del></del>		_		
	<u>M</u>	<u>aterials</u>		
Description Description	<u>lon</u>	Quantity	<u>Description</u>	Quantity
Diesel Fuel		20 Gal		
	Work Performed by C	contractor of	or Subcontractor	
Company Name	· 图象,我是这是一种,也是不是一个	Description	of Work Completed	
C & I CONSTRUCTIONS	As execution RFI 25 demolition	n of Fillet in t	the Wet Well on T&M basis, the Contrac	tor C & I
	Construction saw cut and jack	hammered o	concrete inside of wet well floor.	
	***************************************	***************************************		
			ected by us, and conforms with the intent of the	Plans and
	nstructed by the Engineer. As per contr	act document c	1	
signatureprint name Pedro Angel			signature	
signature			print name Juan Carlos Moreno position: Superintendent	
	ary Smith		poonon: ouponitionadit	
PMCM Representative			Contractor Representative	
	Miami Dade Water	and Sew		
	1- Original to MDWASD.		•	0/2/2017
	2- Duplicate to Contractor			JIELEV I I
			N/X	
projection and a company	20440 (40.00 0047)		ar insol	
File : Time Material F	2S418 (10-02-2017 )		ph odzalie	
	X.		<b>V</b> /	

### Time and Material Record Construction Section-Date: 10/03/2017



Contract CD 5.01	Contract De	escription: F	PUMP STATION 418 UPGRADE	
ER #: <u>S049008</u>	Contractor: METR	<u> </u>	Location: PS418	
Company : METRO	E.S. Labor			
Classification	Qty.		Names (Hours)	Total hrs
Superintendent		arlos Moreno		0
Laborers	David E	steba(1)Ray	Alard(1)	
	3 Livan P	erez(1)		
Operator	0 Vicente	Flores(0)		0
Foreman	1 Jorge S	anroman(1)		
				0
	0			0
Equipment				
Type (Qty)	Model	Hrs.A/I	Type Model	Hrs.A/I
Compressor (1)	SULLIVAN 0210H – AC 1377		(2)Dewalt 4 1/2"grinder DWE 43113	421
New Holland	LX-665 Turbo (8)	8	(2)Intertek12"Utility Blow STFJ-30	16
24"Core Cut	Hydraulic Saw HS- H	8	Track noe EV 200 3	8
(3)Jack Hammer	Kent-20R	24	LIITACLII EX-200-3	
	N	laterials		
Descrip		Quantity	Description	Quantity
Diesel Fuel		20 Gal	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	researche de lieu
		<del></del>		<del></del>
	Work Performed by 0	Contractor	or Subcontractor	
Company Name	ter by Land entertain for the first		n of Work Completed	
C & I CONSTRUCTIONS	As execution RFI 25 demolitic	MANUAL TO / N. MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MANUAL TO A MAN	the Wet Well on T&M basis, the Contrac	ctor C & I
			concrete inside of wet well floor.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
· · · · · · · · · · · · · · · · · · ·				
<del></del>				
	( THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE			
We certify that the work perfor	ned on this day, as describe herein, was	personally inspe	ected by us, and conforms with the intent of the	Plans and
specifications unless otherwise i	nstructed by the Engineer. As per contr	act document G	eneral Covenants and c	
signature			signature	
print name Pedro Angel	2_{//		print name Juan Carlos Moreno	
signature lings			position: Superintendent	
print name Ca PMCM Representative	ary Smith		0-1-1-1	
PINICINI Representative	Miami Dada Water	and Sau	Contractor Representative	
	Miami Dade Water 1- Original to MDWASD.	and Sew	er Department	
	2- Duplicate to Contractor		Date:	10/3/2017
			OF IN	
			pk Lalls	
File : Time Material I	<sup>2</sup> S418 (10-03-2017 )		Pt m/26/18	
	·		·U/	

### Time and Material Record Construction Section-Date: 10/04/2017 PM/CM TEAM



Contract CD 5.01 Contract Description: PUMP STATION 418 UPGRADE				•	
ER #: <u>S049008</u>	Contractor: MET	RO E.S.	Location	n: <u>PS418</u>	
Company : METRO	D E.S. Lab	or			
Classification	Qty.		Names (Hours)	FIRST WAY	Total hrs
Superintendent		Carlos Moreno (	(0)		0
Laborers	David	Esteba(8) Ray	Alard(8)		
	3 Livan	Perez(8)			24
Operator	1 Vicent	e Flores(8)			8
Foreman	1 Jorge	Sanroman(3)	.5		3
			5		0
	0			Ш	0
Equipment					
Type (Qty)	<u>Model</u>	Hrs.A / I	Type	Model	Hrs.A / I
Compressor (1)	SULLIVAN 0210H - AC 13	77 8	(2)Dewalt 4 1/2"grinder	DWE 43113	16
New Holland	LX-665 Turbo (8)	8	(2)Intertek12"Utility Blov	STFJ-30	16
24"Core Cut	Hydraulic Saw HS- H	8	Track hoe HITACHI	EX-200-3	8
(3)Jack Hammer	Kent-20R	24			
Materials  Description Quantity Diesel Fuel O Gal Removal of 1 truck of debris  Description O Gal				Quantity	
	Work Performed b	y Contractor	or Subcontractor		ę.
Company Name		Description	n of Work Completed		
C & I CONSTRUCTIONS  As execution RFI 25 demolition of Fillet in the Wet Well on T&M basis, the Contractor C & I  Construction saw cut and jack hammered concrete inside of wet well floor.					
We certify that the work performed on this day, as describe herein, was personally inspected by us, and conforms with the intent of the Plans and specifications unless otherwise instructed by the Engineer. As per contract document General Covenants and C					
signature			signature	ne Moreno	
			print name Juan Carlo position: Superintender		
	Cary Smith		,		
PMCM Representative	-		Contractor R	epresentative	

Miami Dade Water and Sewer Department

1- Original to MDWASD.

2- Duplicate to Contractor

Date:

10/4/2017

File: Time Material PS418 (10-04-2017)

#### Time and Material Record Construction Section-Date: 10/05/2017



Contract CD 5.01	Contr	ract Des	cription: F	PUMP STATION 418 UPGRADE	
ER #: <u>S049008</u>	Contractor:	<b>METRO</b>	E.S.	Location: PS418	
Company : METRO	E.S.	Labor			
Classification	Qty.			Names (Hours)	Total hrs
Superintendent		Juan Carlo	os Moreno (		2
Laborers		David Este	eba(8) Ray	Alard(8)	
	3	Livan Per	ez(8)		24
Operator	1	Vicente FI	ores(8)		8
Foreman	1 .	Jorge San	roman(3)		3
					0
	0				0
Equipment					
Type (Qty)	Model		Hrs.A/I	<u>Type</u> <u>Model</u>	Hrs.A/I
Compressor (1)	SULLIVAN 0210H - A	AC 1377	8	(2)Dewalt 4 1/2"grinder DWE 43113	16
New Holland	LX-665 Turbo (8)		8	(2)Intertek12"Utility Blow STFJ-30	16
24"Core Cut	Hydraulic Saw HS- H		8	Track hoe HITACHI EX-200-3	8
(3)Jack Hammer	Kent-20R		24		
_			<del></del>		
	•	<u>IVI</u>	aterials		
Descript	ion		Quantity	<u>Description</u>	Quantity
Diesel Fuel			20 Gal		
		<del></del>			
	Work Perform	ed by C	ontractor	or Subcontractor	. ——,
Company Name	WOIK FEROIT	ied by C			TO THE STANKE
	As execution PEI 25 a	lemolition	(0.00 VIII) AND - EX - COU VIII - SAX - SAX - CAX	n of Work Completed the Wet Well on T&M basis, the Contracto	
C & I CONSTRUCTIONS				concrete inside of wet well floor.	ı Cai
·					
		-			
We certify that the work perfor	med on this day, as describe	herein, was	personally ins	pected by us, and conforms with the intent of the i	Plans and
specifications unless otherwise	Instructed by the Engineer. A	As per contra	act document	General Covenants and C	
signature				signature	
print name Pedro Angel signature				print name Juan Carlos Moreno	
	ary Smith	-		position: Superintendent	
PMCM Representative	ary Simur			Contractor Representative	
1 WOW ROPIOSCINALIVE	Miami Dade	Water :	and Sev	ver Department	
	1- Original to		551	•	)/5/2017
	2- Duplicate to	Contractor			<i>1</i> 1012011
				and de la	
<b></b>	ma			PA alabi8	
File: Time Material	PS418 (10-05-2017 )			J. M. W.	
				• •	

## Time and Material Record Construction Section-Date: 10/06/2017



Contract CD 5.01	Contract Do	sorintion:	DUMP STATION 440 UPOPARE	
	Contract Description: PUMP STATION 418 UPGRADE			
ER #: <u>S049008</u>	Contractor: METR	<u> </u>	Location: PS418	
Company : METRO	DE.S. Labor			
Classification	Qty.		Names (Hours)	Total hrs
Superintendent		rlos Moreno		2
Laborers		teba(8) Ray		
	3 Livan Pe			24
Operator	1 Vicente F			8
Foreman		nroman(3)		3
	3	(-/		
	0	·		- 0
Equipment				
Type (Qty)	Model	Hrs.A/I	<u>Type</u> <u>Model</u>	Um A / I
Compressor (1)	SULLIVAN 0210H - AC 1377		(2)Dewalt 4 1/2"grinder DWE 43113	Hrs.A/I
New Holland	LX-665 Turbo (8)	8	(2)Intertek12"Utility Blow STFJ-30	16
24"Core Cut	Hydraulic Saw HS- H	8		16
(3)Jack Hammer	Kent-20R	24	Track hoe HITACHI EX-200-3	8
(0)20011101	None Zore			
	N	laterials		
Descript		Quantity	Description	d 414
Diesel Fuel	A PARTY PURE BUT GENERAL DEL DANS DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARREST DE L'ARR	20 Gal	<u>Description</u>	Quantity
		20 Gai		
	Work Performed by C	Contractor	or Subcontractor	
Company Name	Work Ferionned by C	and the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of th		and the second of the second
	As execution DELOS demolished		n of Work Completed	
C & I CONSTRUCTIONS	Construction saw cut and lack	i of Fillet in hammered (	the Wet Well on T&M basis, the Contractor concrete inside of wet well floor.	or C & I
	oonoa dodon daw out and jack	nammereu (	concrete inside of wet well floor.	
We certify that the work perfor	mod on this day as describe beauty			
specifications unless otherwise i	nstructed by the Engineer. As per cont	personally ins ract document	pected by us, and conforms with the intent of the recent covenants and c	Plans and
signature			1 ////	
print name Pedro Angel	10		signature print name Juan Carlos Moreno	
signature	Stuck		position: Superintendent	
print name C	ary Smith		i i i i i i i i i i i i i i i i i i i	
PMCM Representative			Contractor Representative	
	Miami Dade Water	and Sev	ver Department	
	1- Original to MDWASD.			/6/2017
	2- Duplicate to Contractor		Date. 10	1012011
			Date: 10	
File : Time Material I	DS/18 (10 06 2047 )		220	
inc. inic waterial	0710 (10-00-2017)		'Un'	

#### **Time and Material Record Construction Section-Date: 10/09/2017**



Contract CD 5.01 Contract Description: PUMP STATION 418 UPGRADE ER #: S049008 Contractor: METRO E.S. Location: PS418 Company: <u>METRO E.S.</u> Labor Classification Qtv. Names (Hours) Total hrs Superintendent 1 Juan Carlos Moreno (2) 2 Laborers David Esteba(8) Ray Alard(8) 3 Livan Perez(8) 24 Operator 1 Vicente Flores(8) 8 Foreman 1 Jorge Sanroman(3) 3 n 0 0 **Equipment** Type (Qty) Model Hrs.A/I **Type** Model Hrs.A/ Compressor (1) SULLIVAN 0210H - AC 1377 (2)Dewalt 4 1/2"grinder **DWE 43113** 16 **New Holland** LX-665 Turbo (8) (2)Intertek12"Utility Blow STFJ-30 8 16 24"Core Cut Hydraulic Saw HS-H Track hoe HITACHI EX-200-3 8 (3)Jack Hammer Kent-20R 24 Materials Description Quantity Description Quantity Diesel Fuel 20 Gal Work Performed by Contractor or Subcontractor Company Name Description of Work Completed As execution RFI 25 demolition of Fillet in the Wet Well on T&M basis, the Contractor C & I **C & I CONSTRUCTIONS** Construction saw cut and jack hammered concrete inside of wet well floor. We certify that the work performed on this day, as describe herein, was personally inspected by us, and conforms with the intent of the Plans and specifications unless otherwise instructed by the Engineer. As per contract document General Covenants and csignature signature Pedro Angel print name print name Juan Carlos Moreno signature position: Superintendent print name Cary Smith PMCM Representative Contractor Representative Miami Dade Water and Sewer Department

1- Original to MDWASD.

2- Duplicate to Contractor

Date:

126/18 m/26/18

10/9/2017

File: Time Material PS418 (10-09-2017)

#### Time and Material Record Construction Section-Date: 10/10/2017



					<u> </u>
Contract CD 5.01	Contract De	escription: P	UMP STATION 418 U	PGRADE	
ER #: <u>S049008</u>	Contractor: METR	RO E.S.	Location	on: <u>PS418</u>	
Company : METRO	E.S. Labo	<u>or</u>			
Classification	Qty.		Names (Hours)	<b>公司</b> [1] [1] [1] [1]	Total hrs
Superintendent		arlos Moreno (2			2
Laborers	David E	steba(8) Ray A	Mard(8)		
	3 Livan P	erez(2)		<del></del>	18
Operator	1 Vicente	Flores(8)			8
Foreman	1 Jorge S	anroman(2)			2
					0
	0				0
<u>Equipment</u>					
Type (Qty)	Model	Hrs.A / I	Type	Model	Hrs.A / I
Compressor (1)	SULLIVAN 0210H - AC 1377	7 8	(2)Dewalt 4 1/2"grinder	DWE 43113	16
New Holland	LX-665 Turbo (8)	8	(2)Intertek12"Utility Blov	STFJ-30	16
			Track hoe HITACHi	EX-200-3	8
(3)Jack Hammer	Kent-20R	24	24"Core Cut	Hydraulic Saw	F 8
		 Materials			
Descripti	_	Quantity	Description		Quantity
Diesel Fuel		20 Gal	<u> Posannio</u>		Quantity
	Work Performed by	Contractor of	or Subcontractor		
Company Name		Description	of Work Completed		
C & I CONSTRUCTIONS	As execution RFI 25 demoli	tion of Fillet i	n the Wet Well on T&M b	pasis, the Contr	actor C
	& I Construction saw cut an			_	_
	work done on RF				. •
	WOIR GOILE OILINE	25 loua	y		
				)	
We certify that the work perform specifications unless otherwise in	med on this day, as describe herein, w nstructed by the Engineer. As per co	as personally insp	ected by us, and conforms with	the intent of the P	ans and
signature	The decod by the trigillet. As per to	l act document	/ / /		
print name Pegro Angel	) 1 A	- 1	signature	A Morono	
signature Cours	Lopul		print name Juan Carlo position: Superintenden		
print name Ca	ary Smith				
PMCM Representative			Contractor Re	epresentative	
	Miami Dade Water	and Sow			

PA OL 18

1- Original to MDWASD.

2- Duplicate to Contractor

Date:

10/10/2017

File: Time Material PS418 (10-10-2017)

# Time and Material Record Construction Section-Date: 10/11/2017 TEA



Contract CD 5.01					
1	Co	Intract Description	: PUMP STATION 418 L	JPGRADE	
ER #: <u>S049008</u>	Contracto	or: <u>METRO E.S.</u>		ion: <u>PS418</u>	
Company : METRO	O E.S.	Labor			
Classification	Qty.				
Superintendent	1	Juan Carlos Moren	Names (Hours)		Total hr
Laborers		David Esteba(8) Ra	10 (2)		2
	3	Livan Perez(0)Ros	ay Alard(4)		
Operator	1	Vicente Flores(8)	erido Arreola(8)		20
Foreman	0	Jorge Sanroman(0)			8
			!		
	0				0
Equipment					0
Type (Qty)	Model				
Compressor (1)	SULLIVAN 0210H -	Hrs.A/I -AC 1377 8	Type	Model	Hrs.A/I
New Holland	LX-665 Turbo (8)		(2)Dewalt 4 1/2"grinder	DWE 43113	16
	(0)	8	(2)Intertek12"Utility Blow	STFJ-30	16
(3)Jack Hammer	Kent-20R	24	Track hoe HITACHI	EX-200-3	8
			24"Core Cut	Hydraulic Sav	v + 8
<b>=</b>					
		Materials			
Descripti	on				
Diesel Fuel		Quantity	Description	是很快的政治	Quantity
(1)Load of debris removed		20 Gal			
		20 yds			
	Work Perform	and by Contract	<u> </u>		
Company Name	TVOIR T CHOIL	ned by Contractor			
C & I CONSTRUCTIONS	As execution DEL or	Description	n of Work Completed		
	& I Construction case	demolition of Fillet	in the Wet Well on T&M ba	sis, the Cont	ractor C
		v cut and jack hamm	in the Wet Well on T&M ba hered concrete inside of wel	t well floor.	
We certify that the work performe	ed on this day as described				
specifications unless otherwise ins	tructed by the Engineer. A	ierein, was personally inspi s per contract document o	ected by us, and conforms with the	intent of the Pla	ns and
signature	1 0	) Allelling on any and any and any	and C		
print name Pedro Angel			signature	<u></u>	
signature (europa)	llust		print name Juan Carlos I position: Superintendent	Moreno	
print name Can	y Smith		position. Superintendent		
MCM Representative			Contractor De-		
	Miami Dade V	Vater and Sow	Contractor Repre	esentative	

de Water and Sewer Department 1- Original to MDWASD.

2- Duplicate to Contractor

Date:

10/11/2017

File: Time Material PS418 (10-11-2017)

#### Time and Material Record **Construction Section-Date: 10/12/2017**



Contract CD 5.01	Contract Description: PUMP STATION 418 UPGRADE				
ER #: <u>S049008</u>	Contractor: MET	RO E.S.	Location	on: <u>PS418</u>	
Company : METRO	D E.S. Lab	or		=======================================	
Classification	Qty.		Names (Hours)		Total hrs
Superintendent		Carlos Moreno			2
Laborers	David	Esteba(8) Ray	Alard(8)		<del></del>
	3 Livan	Perez(0)Rosei	ndo Arreola(8)		24
Operator		te Flores(8)			8
Foreman	0 Jorge	Sanroman(0)			
					0
Carriement	0				0
Equipment			•		
Type (Qty)	Model	Hrs.A / I	Type	Model	Hrs.A / I
Compressor (1)	SULLIVAN 0210H – AC 13		(2)Dewalt 4 1/2"grinder	DWE 43113	16
New Holland	LX-665 Turbo (8)	8	(2)Intertek12"Utility Blov		16
(3)Jack Hammer	Kent-20R		Track hoe HITACHI	EX-200-3	8
(3)Jack Hallimer	Kent-20K	24	24"Core Cut	Hydraulic Saw	F <u>8</u>
		Materials -			
Descrip	tion	Quantity	Description		Ourselle :
Diesel Fuel	MANAGE TRESPERSED SEASON AND SEASON	20 Gal	<u>Description</u>		Quantity
				<del></del>	
	Work Performed by	v Contractor	or Subcontractor		
Company Name			n of Work Completed		
C & I CONSTRUCTIONS	As execution RFI 25 demo	1 min 4mm min 7 7 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1	***************************************	hasis, the Contr	actor C
	& I Construction saw cut a	and jack hamn	nered concrete inside of w	et well floor.	40.07
	War and the Park Table Sales				
We certify that the work perfor	med on this day, as describe herein, vinstructed by the Engineer. As per co	was personally insp	pected by us, and conforms with t	the intent of the Pla	ns and
	mistracted by the Engineer. As per co	ontract document	I / ///		
signatureprint namePedro_Angel			signature	Norman .	
signature buy.	Shert		print name Juan Carlo position: Superintenden		
print name	ary Smith	<del></del> -			
PMCM Representative			Contractor Re	epresentative	
- 12	Miami Dade Wate	er and Sew	ver Department		

1- Original to MDWASD.

2- Duplicate to Contractor

10/12/2017

File: Time Material PS418 (10-12-2017)

## Time and Material Record Construction Section-Date: 10/13/2017



Contract CD 5.01	Contra	ct Des	cription: P	UMP STATION 418 U	PGRADE	
ER #: <u>S049008</u>	Contractor: M				on: PS418	
Company : METRO		Labor			<u> </u>	
Classification	Qty.	A TOWN		Names (Hours)		
Superintendent		an Carlo	os Moreno (			Total hrs
Laborers			eba(8) Ray			
				do Arreola(8)		24
Operator	1 Vi	cente Flo	ores(8)			8
Foreman	0 Jo	rge San	roman(0)		·	
						0
	0					0
<u>Equipment</u>						<del></del>
Type (Qty)	Model		Hrs.A/I	Type	Model	Hrs.A/I
Compressor (1)	SULLIVAN 0210H - AC	1377	8	(2)Dewalt 4 1/2"grinder	DWE 43113	16
New Holland	LX-665 Turbo (8)		8	(2)Intertek12"Utility Blov	STFJ-30	16
				Track hoe HITACHI	EX-200-3	8
(3)Jack Hammer	Kent-20R		24	24"Core Cut	Hydraulic Saw	8
			<u> </u>			
	· No. 10 and and an experience of the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second	and the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of th	<u>iterials</u>			
Discol Fuel	ion		Quantity	Description		Quantity
Diesel Fuel (1) and of debrin removes			20 Gal			
(1)Load of debris removed	1		<del></del>	<del></del>		<del></del>
	Work Performe	d by Co	ontractor o	or Subcontractor		
Company Name				of Work Completed		Section Comment
C & I CONSTRUCTIONS	As execution RFI 25 de		AND THE REAL PROPERTY OF THE PARTY OF THE PA	n the Wet Well on T&M b	asis the Contr	
<u> </u>	& I Construction saw of	ut and j	ack hamme	ered concrete inside of w	et well floor.	actor C
		-			o	
	<del></del>					
We certify that the work perfor	med on this day, as describe her	rein, was p	ersonally insp	ected by us, and conforms with t	the intent of the Pia	ns and
specifications unless otherwise	med on this day, as describe her instructed by the Engineer. As p	rein, was p per contra	ersonally inspect document (	General Covenants and C	the intent of the Pla	ns and
signature	instructed by the Engineer. As p	rein, was p per contra	ersonally inspo ct document (	signature	m	ns and
specifications unless otherwise	instructed by the Engineer. As p	rein, was p per contra	ersonally inspo ct document C	signature	s Moreno	ns and
signature print name Pedro Angel signature	instructed by the Engineer. As p	rein, was p per contra	ersonally inspo ct document C	signature	s Moreno	ns and
signature print name Pedro Angel signature	instructed by the Engineer. As p	per contra	ct document (	signature print name Juan Carlo position: Superintenden	s Moreno	ns and

1- Original to MDWASD.

2- Duplicate to Contractor

Date: 10/13/2017

File: Time Material PS418 (10-13-2017)

## Time and Material Record Construction Section-Date: 10/16/2017 PM/CM TEAM



Contract CD 5.01	Cor	ntract Des	cription: F	PUMP STATION 418 U	IPGRADE	<del></del>
ER #: <u>S049008</u>	Contractor: METRO E.S. Location: PS4					
Company: METRO	D E.S.	Labor	<del></del>			
Classification	Qty.		<b>国际企业</b>	Names (Hours)		Total hrs
Superintendent	1	Juan Carl	os Moreno			2
Laborers		David Est	eba(8) Ray	Alard(8)		
	3	Livan Per	ez(0)Roser	ndo Arreola(8)		24
Operator	1	Vicente F	ores(8)			8
Foreman	0	Jorge Sar	roman(0)			
			- · · · · · · · · · · · · · · · · · · ·			0
	0					0
<u>Equipment</u>						
Type (Qty)	<u>Model</u>		Hrs.A/I	Type	Model	Hrs.A/I
Compressor (1)	SULLIVAN 0210H -	- AC 1377	8	(2)Dewalt 4 1/2"grinder	DWE 43113	16
New Holland	LX-665 Turbo (8)	<del></del>	8	(2)Intertek12"Utility Blov	STFJ-30	16
(0) In all III .	<del></del>	<del></del> .		Track hoe HITACHI	EX-200-3	8
(3)Jack Hammer	Kent-20R		24	24"Core Cut	Hydraulic Saw	-8
	CALLS TE OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTR	<u>IVI8</u>	aterials			
Descript  Diesel Fuel		<b>为</b> 是没有。	Quantity	<u>Description</u>		Quantity
Diesei i dei			20 Gal			
	Work Perform	med by Co	ontractor (	or Subcontractor		
Company Name			Transport Color Services	of Work Completed		<b>注题 杂题</b> 证
C & I CONSTRUCTIONS	As execution RFI 25			in the Wet Well on T&M b	asis the Contr	actor C
	& I Construction sa	w cut and	ack hamm	ered concrete inside of w	et well floor.	acior C
						-
We certify that the work perform	med on this day, as describe	herein, was p	ersonally insp	ected by us, and conforms with t	he intent of the Pla	ns and
Specifications unless otherwise i	nstructed by the Engineer.	As per contra	ct document ( I	General Covenants and C	W.	
signatureprint name Pedro Angel				signature	m _	
signature signature	hut			print name Juan Carlo		
	ary Smith	·		position: Superintendent	I.	
PMCM Representative	<i>y</i> =			Contractor Re	presentativa	
	Miami Dade	Water a	nd Sew	er Department	<u> Presentative</u>	
	1- Original to		0011	o. Dopartificit		

File: Time Material PS418 (10-16-2017)

2- Duplicate to Contractor

Date: 10/16/2017

## Time and Material Record Construction Section-Date: 10/17/2017 TEAN



Contract CD 5.01				0/11/201/			EAI
ER #: <u>S049008</u>	3311	tract De	scription: F	PUMP STATION	418 l	<b>UPGRADE</b>	
	Contractor	: METR	<u>O E.S.</u>		Locat	ion: <u>PS418</u>	
Company : METR	O E.S.	Labor					
Classification	Qty.			Names (Hours)			
Superintendent	1	Juan Ca	rlos Moreno (	(2)			Total hr
Laborers		David Es	steba(8) Ray	Alard(8)		<del></del>	2
0.000	3	Livan Pe	rez(0)Rosen	ido Arreola(8)		<del></del>	
Operator	1	Vicente F					24
Foreman	0	Jorge Sa	nroman(0)		<del></del>		0
	0						0
Equipment							0
Type (Qty)	Model						
Compressor (1)	SULLIVAN 0210H - A	ΔC 1377	Hrs.A/I	Type		Model	Hrs.A/I
New Holland	LX-665 Turbo (8)	10 13/1	8	(2)Dewalt 4 1/2"g		DWE 43113	16
	- (0)		<del>-</del>	(2)Intertek12"Util	ity Blov		16
(3)Jack Hammer	Kent-20R		24	Track hoe HITAC	Н	EX-200-3	8
				24"Core Cut		Hydraulic Saw	F 8
Doccin	Al and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	Ma	 aterials				
Diesel Fuel			Quantity	<u>Des</u>	cription		Quantity
(1)Load of debris removed		<del></del> .	20 Gal				Stormary
	<u> </u>	<del></del> .					
	Work Perform	ed by C		r Subcontractor			
Company Name		Su by Co	Description .	Subcontractor			
C & I CONSTRUCTIONS	As execution RFI 25 (	demolitic	p of Filled	of Work Completed	神事		
	As execution RFI 25 o & I Construction saw	cut and i	II OI FIIIET IN iack hammei	i the Wet Well on ;	T&M ba	asis, the Contra	actor C
		<b>.</b>	aon namme	ed concrete inside	∍ of we	t well floor.	
	22_231, (rem) a 100,240, 100,000.						
We certify that the work perforn specifications unless otherwise in	ned on this day, as describe he	rein, was pe	ersonally inspect	ted by us, and conform	with th	Intent as the se	
specifications unless otherwise in signature	istructed by the Engineer. As i	per contrac	t document Ger	neral Covenants and &	11	of the Plan	is and
print name Pedro Angel	/) (20)			signature	L JUL	W	
signature	in the			print name Juan	Carlos	Moreno	
print name Ca	ry Smith			position: Superinte	ndent		
MCM Representative				0-4-			
	Miami Dado W	latan =		Contract	or Rep	resentative	

Miami Dade Water and Sewer Department

1- Original to MDWASD. 2- Duplicate to Contractor

10/17/2017

File: Time Material PS418 (10-17-2017)

#### Time and Material Record Construction Section-Date: 10/18/2017 PM/CM TEAM



Contract CD 5.01	Contra	ct Description: F	PUMP STATION 418 U	JPGRADE	
ER #: <u>S049008</u>	Contractor: M			on: <u>PS418</u>	
Company : METRO	DE.S. L	abor			
Classification	Qty.		Names (Hours)	Destablished and the second	Total hrs
Superintendent		an Carlos Moreno			2
Laborers		vid Esteba(0) Ray	· · · · · · · · · · · · · · · · · · ·		
		van Perez(0)Roser			16
Operator		cente Flores(8)			8
Foreman		rge Sanroman(0)			
					0
Equipment	0				0
Equipment	·				
Type (Qty)	<u>Model</u>	Hrs.A / I	Type	Model	Hrs.A/I
Compressor (1)	SULLIVAN 0210H - AC	1377 8	(2)Dewalt 4 1/2"grinder	DWE 43113	16
New Holland	LX-665 Turbo (8)	8	(2)Intertek12"Utility Blov	NSTFJ-30	16
			Track hoe HITACHI	EX-200-3	8
(3)Jack Hammer	Kent-20R	24	24"Core Cut	Hydraulic Saw	۱8
		NA stantal			
		<u>Materials</u>			
Discol Final	ion	Quantity	<u>Description</u>		Quantity
Diesel Fuel		20 Gal			
(1)Load of debris removed	] 				
	Work Performed	by Contractor	or Subcontractor	-	
Company Name	WASHING OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PAR		of Work Completed		
C & I CONSTRUCTIONS	As execution RFI 25 de		in the Wet Well on T&M b	nacia the Cart	
0 4 1 0 0 1 0 1 1 0 1 0 1 0 1 0	& I Construction saw c	ut and iack hamm	ered concrete inside of w	pasis, the Conti pet well floor	actor C
		ar arra jaon mannin	cica concrete maige of w	et well 11001.	
				<del></del>	
We certify that the work perform	med on this day, as describe here	ein, was personally insp	ected by us, and conforms with t	the intent of the Dia	ns and
specifications unless otherwise i	nstructed by the Engineer. As pe	er contract document	General Covenants and C	The litterit of the Pla	iis ariu
signature	Λ Λ		signature_	W	
print name Pedro Angel			print name Juan Carlo		,
signature	am Comith	<del></del>	position: Superintenden	t	
print name	ary Smith		2		
i mom i topiesentative	Miami Dade Wa	ater and Sow	Contractor Re	epresentative	
	minding Paul AA	altı ailü JEW	ti Deparlment		

1- Original to MDWASD.

2- Duplicate to Contractor

Date: 10/18/2017

File: Time Material PS418 (10-18-2017)

#### Time and Material Record Construction Section-Date: 10/19/2017 PM/CM TEAM



Contract CD 5.01	Con	tract Des	scription: P	UMP STATION 418 U	PGRADE	
ER#: <u>S049008</u>	Contractor	: <u>METRO</u>	<u> </u>	Location	n: <u>PS418</u>	
Company: METRO	) E.S.	Labor				<u> </u>
Classification	Qty.			Names (Hours)		Total hrs
Superintendent	0	Juan Car	los Moreno (			2
Laborers			teba(8) Ray	<u> </u>		
	3			do Arreola(8)		24
Operator	1	Vicente F	<del></del>			8
Foreman	0	-	nroman(0)			
T OTOTICAL		00.90				0
	0					0
<u>Equipment</u>		••	•			
Type (Qty)	Model		Hrs.A/I	Type	Model	Hrs.A/I
Compressor (1)	SULLIVAN 0210H -	AC 1377	8	(2)Dewalt 4 1/2"grinder	DWE 43113	16
New Holland	LX-665 Turbo (8)		8	(2)Intertek12"Utility Blov	STFJ-30	16
	•			Track hoe HITACHI	EX-200-3	8
(3)Jack Hammer	Kent-20R		24	24"Core Cut	Hydraulic Saw	<del>8</del>
		<u>N</u>	<u>laterials</u>	78		
Descript	ion and the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same o		Quantity	Description		Quantity
Diesel Fuel			20 Gal			
(1)Load of debris removed	d					
	•					
	Work Perfor	med by (	Contractor	or Subcontractor	9.00.00	
Company Name			Description	of Work Completed		
C & I CONSTRUCTIONS	As execution RFI 2	5 demoliti	on of Fillet	in the Wet Well on T&M I	basis, the Conti	ractor C
		w cut and	l jack hamm	ered concrete inside of w	et well floor.	
	•					
	•					
				pected by us, and conforms with	the intent of the P	lans and
specifications unless otherwise	instructed by the Engineer	. As per con	tract document		2/10	
signature	11 11		-	signature	ne Morono	
signature	punt !			print name Juan Carlo position: Superintender		
	Cary Smith		-	,		
PMCM Representative				Contractor R	<u>epresentative</u>	
	Minne De La	14/ 4		ver Department		

1- Original to MDWASD.

2- Duplicate to Contractor

Date: 10/19/2017

File: Time Material PS418 (10-19-2017)



## Time and Material Record Construction Section-Date: 10/20/2017



Contract CD 5.01	Contract	Description: I	PUMP STATION 418 U	JPGRADE	
ER #: <u>S049008</u>	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			on: PS418	
Company : METRO	DE.S. Lai	bor			
Classification	Qty.		Names (Hours)		Total hrs
Superintendent	0 Juan	Carlos Moreno			0
Laborers	David	Esteba(8) Ray	Alard(8)		
	3 Liva	n Perez(0)Rose	ndo Arreola(8)		24
Operator		nte Flores(8)			8
Foreman	0 Jorge	Sanroman(0)			ħ
	0				0
Equipment	U	- <del> </del>			0
Type (Qty)	Model		To Table to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the later to the la		
Compressor (1)	SULLIVAN 0210H - AC 13	Hrs.A / I	Type	Model State	Hrs.A/I
New Holland	LX-665 Turbo (8)	8	(2)Dewalt 4 1/2"grinder (2)Intertek12"Utility Blov	DWE 43113	16
			Track hoe HITACHI	EX-200-3	<u>16</u> 8
3)Jack Hammer	Kent-20R	24	24"Core Cut	Hydraulic Saw I	
				Trydradilo Caw i	
		<u>Materials</u>			
<u>Descript</u>	ion and the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state	Quantity	<u>Description</u>	resident to the second	Quantity
Diesel Fuel		20 Gal			
(1)Load of debris removed					
· · · · · · · · · · · · · · · · · · ·	Work Dorformed h	··· Candra atau			<del></del> -
Company Name	Work Performed b				
	As execution BELOE down	AND AND AND AND AND AND AND AND AND AND	n of Work Completed		
C & I CONSTRUCTIONS	& I Construction saw cut	DIITION OT FIIIET and iack hamm	in the Wet Well on T&M to nered concrete inside of w	pasis, the Contra	actor C
		ana jaon nam.	rerea concrete maide of w	et well lioor.	
We certify that the work perform	med on this day, as describe herein,	was personally insi	pected by us, and conforms with	the intent of the Pla	ns and
specifications unless offici wise i	nstructed by the Engineer. As per o	contract document	General Covenants and C		
signature print name Pedro Angel			signature		·
signature	luck		print name Juan Carlo position: Superintenden		
print name Ca	ary Smith		- zamem capaminomon	•	
PMCM Representative			Contractor Re	epresentative	
	Miami Dade Wat	er and Sev	ver Department		

1- Original to MDWASD.

2- Duplicate to Contractor

Date: 10/20/2017

File: Time Material PS418 (10-20-2017)

## Time and Material Record Construction Section-Date: 10/23/2017



Contract CD 5.01	Contrac	ct Description:	PUMP STATION 418 U	IDCDADE	-/ \
ER #: <u>S049008</u>	Contractor: M				
Company : METRO	2 - 2		Locati	on: <u>PS418</u>	
Classification	Qty.	<u>abor</u>	Name of the same		
Superintendent		an Carlos Moreno	Names (Hours)		Total hrs
Laborers		vid Esteba(8) Ray			2
		an Perez(0)Rose			
Operator		ente Flores(8)	ndo Aireola(b)		24
Foreman		ge Sanroman(0)			8
	0				0
Equipment					0
Type (Qty)	Model				
Compressor (1)	SULLIVAN 0210H - AC	Hrs.A / I	Type	Model	Hrs.A/J
New Holland	LX-665 Turbo (8)	8	(2)Dewalt 4 1/2"grinder	DWE 43113	16
			(2)Intertek12"Utility Blow Track hoe HITACHI		16
(3)Jack Hammer	Kent-20R	24	24"Core Cut	EX-200-3	8
			24 0010 001	Hydraulic Saw	r <u>8</u>
	• 1100	<u>Materials</u>			
Descript  Diesel Fuel	ion the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t	Quantity	<u>Description</u>		Quantity
(1)Load of debris removed	<del></del>	<u>20 Gal</u>			
(1) Edda of debits fellioved	J				
	Work Performed	by Contractor	Or Subcontractor		
Company Name			of Work Completed	AND THE STREET	
C & I CONSTRUCTIONS	As execution RFI 25 den	nolition of Fillet	in the Wet Well on T&M b		
	& I Construction saw cu	t and jack hamm	ered concrete inside of we	asis, the Contr et well floor	actor C
				<del></del>	
we certify that the work perform specifications unless otherwise in	ned on this day, as describe herein nstructed by the Engineer. As per	n, was personally insp	pected by us, and conforms with the	ne intent of the Pla	ns and
signature	per and any and any and any per	contract document	General Covenants and C		
print name /Pedro Angel	1- M	<del></del>	signature	<i>u</i>	
signature	n		print name Juan Carlos position: Superintendent	Moreno	
	ary Smith		Francis oubeintendent		
PMCM Representative			Contractor Rep	resentative	
	Miami Dade Wat	ter and Sew	er Department		

1- Original to MDWASD.

2- Duplicate to Contractor

File: Time Material PS418 (10-23-2017)

## Time and Material Record Construction Section-Date: 10/24/2017 PM/CM TEAM



Contract CD 5.01	Contract D	escription:	PUMP STATION 418 U	IDCDADE	., (1 1
ER #: <u>S049008</u>	Contractor: METRO E.S.		Location: PS418		
Company : METRO					
Classification	Qty.	<u>a.</u> Spratějí lébenský	Names (Hours)	Not the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of th	
Superintendent		arlos Moreno			Total hrs
Laborers	<del></del>	Esteba(8) Ray	<u>, , , , , , , , , , , , , , , , , , , </u>		2
	3 Livan Perez(0)Rosendo Arreola(8)				24
Operator		Flores(8)			8
Foreman		Sanroman(0)			
	0	···			0
Equipment					0
Type (Qty)	Model			el • A Maria de la composición de la composición de la composición de la composición de la composición de la c	
Compressor (1)	SULLIVAN 0210H – AC 137	Hrs.A / I	Type	Model	Hrs.A/I
New Holland	LX-665 Turbo (8)	8	(2)Dewalt 4 1/2"grinder		16
	<u> </u>		(2)Intertek12"Utility Blov Track hoe HITACHI		16
(3)Jack Hammer	Kent-20R	24	24"Core Cut	EX-200-3 Hydraulic Saw	8
<del></del>			24 core out	Trydraulic Saw	
					<del></del>
	<u> </u>	<u>Materials</u>	-		
<u>Descript</u>	<u>ion</u>	Quantity	Description		Quantity
Diesel Fuel		20 Gal			
(1)Load of debris removed					
	Maria Darfa				
Company Name	Work Performed by	the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s			
Company Name	As assessed as DELOS as		n of Work Completed		
C & I CONSTRUCTIONS	As execution RFI 25 demoli	tion of Fillet	in the Wet Well on T&M b	asis, the Contr	actor C
	& I Construction saw cut an	iu jack namn	ierea concrete inside of W	et well floor.	
		Y 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 - 180 -			
We certify that the work perform	med on this day, as describe herein, was	as personally inst	pected by us, and conforms with t	he intent of the Pla	ns and
signature	nstructed by the Engineer. As per con	tract document	General Covenants and C	he.	
print name Pedro Angel	1-0	<del>.</del>	signature	m	
signature wy	hill		print name Juan Carlos position: Superintendent		
	ary Smith	-		•	
PMCM Representative			Contractor Re	presentative	
	Miami Dade Water	and Sew	ver Department		

1- Original to MDWASD.

File: Time Material PS418 (10-24-2017)

2- Duplicate to Contractor

Date: 10/24/2017

## Time and Material Record Construction Section-Date: 10/25/2017



Contract CD 5.01	Contra	ct Des	scription: P	UMP STATION 418 U	PGRADE	
ER #: <u>S049008</u>	Contractor: M	Contractor: METRO E.S.		Location: PS418		
Company : METRO	E.S.	Labor				
Classification	Qty.	15.71		Names (Hours)		Total hrs
Superintendent	0 <u>Ju</u>	an Carl	los Moreno (2			2
Laborers	Da	avid Est	eba(8) Ray A	Nard(8)		<del></del>
		3 Livan Perez(0)Rosendo Arreola(8)				24
Operator	1 Vie	cente F	lores(8)	·		8
Foreman	0 Jo	rge Sar	nroman(0)			
	0	·				0
Equipment			99			0
						TOTAL TREATMENT OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF
Type (Qty)	Model College Acceptance		Hrs.A/I	Type	Model	Hrs.A / I
Compressor (1) New Holland	SULLIVAN 0210H AC	13//	8	(2)Dewalt 4 1/2"grinder	DWE 43113	16
New Holland	LX-665 Turbo (8)		8	(2)Intertek12"Utility Blow		16
(3)Jack Hammer	Kent-20R			Track hoe HITACHI	EX-200-3	8
(3)Jack Hammer	Nent-20K		24	24"Core Cut	Hydraulic Saw	<u>8</u>
		M	aterials			<u> </u>
Descripti	ion 2		Quantity	<u>Description</u>		Quantity
Diesel Fuel			20 Gal	Bosonbiol		Quantity
(1)Load of debris removed						
	Work Performed	d by C	ontractor o	or Subcontractor		
Company Name	<b>对相应</b> 法法验证法			of Work Completed		
C & I CONSTRUCTIONS	As execution RFI 25 de	emolitic	on of Fillet i	n the Wet Well on T&M b	asis. the Contr	actor C
	& I Construction saw c	ut and	jack hamme	ered concrete inside of w	et well floor.	
We certify that the work perforr specifications unless otherwise in	med on this day, as describe her	rein, was	personally insper	ected by us, and conforms with t	the intent of the Pla	ans and
_	national by the Engineer. As p	Jei Conti				
signature Pedro Angel	1			signature		
signature with any	lund			print name Juan Carlos position: Superintendent		
	ary Smith			Position. Supermitenuem	•	
PMCM Representative	,			Contractor Re	nresentative	
	Miami Dada W	ator	and Saw		proseritative	

Miami Dade Water and Sewer Department

1- Original to MDWASD.

2- Duplicate to Contractor

Date: 10/25/2017

File : Time Material PS418 (10-25-2017 )

84 23/26/18

## Time and Material Record Construction Section-Date: 10/26/2017



Contract CD 5.01	Contract	Description:	PUMP STATION 418 U		
ER #: <u>S049008</u>	Contractor: ME		Location: PS418		
Company : METRO			Loodin	511. <u>1 0 4 10</u>	
Classification	Qty.		Names (Hours)		
Superintendent		Carlos Moreno			Total hr
Laborers		Esteba(0) Ray			2
Operator		ite Flores(8)			<u>16</u> 8
Foreman		Sanroman(0)			
	0				0
Equipment					0
Type (Qty)	Model				
Compressor (1)	SULLIVAN 0210H – AC 13	Hrs.A / I	Type	Model	Hrs.A/I
New Holland	LX-665 Turbo (8)	8	(2)Dewalt 4 1/2"grinder		16
	27 000 14/00 (0)		(2)Intertek12"Utility Blow Track hoe HITACHI		16
(3)Jack Hammer	Kent-20R		24"Core Cut	EX-200-3	, 8
			24 Oole Out	Hydraulic Saw	<u> </u>
3316		<u>Materials</u>			
<u>Descript</u>	ion	Quantity	Description		Quantity
Diesel Fuel		20 Gal			
(1)Load of debris removed					
<del></del>	Work Dorformed by	.0			
Company Name	Work Performed by	Married to be proposed to the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the contro			
C & I CONSTRUCTIONS	As execution DEL 25 days		n of Work Completed		
CATCONSTRUCTIONS	& I Construction saw cut a	NITION Of FIllet and iack hamn	in the Wet Well on T&M b nered concrete inside of we	asis, the Contr	actor C
		ina jack namn	rerea concrete inside of W	et well floor.	
				$\overline{}$	
We certify that the work perform	ned on this day, as describe herein, v nstructed by the Engineer. As per co	vas personally insp	pected by us, and conforms with th	ne intent of the Plan	ns and
signature	iscidected by the Engineer. As per co	ntract document	General Covenants and C	Va.	
print name Pedro Angel	100	_	signature	m _	
signature	Shull		print name Juan Carlos position: Superintendent		
	ary Smith		, , oaponitteilueilt	•	
PMCM Representative			Contractor Re	presentative	
	Miami Dade Wate	r and Sew	er Department		

1- Original to MDWASD.

2- Duplicate to Contractor

Date: 10/26/2017

File: Time Material PS418 (10-26-2017)

## Time and Material Record Construction Section-Date: 10/26/2017 PM/CM TEAM



Contract CD 5.01	Contract D	escription: F	PUMP STATION 418 U	PGRADE	
ER #: <u>S049008</u>	Contractor: METRO E.S. Location: PS418		Contractor: METRO E.S. Location: PS418		
Company : METRO	E.S. Labo	r			
Classification	Qty.		Names (Hours)		Total hrs
Superintendent		arlos Moreno			2
Laborers		Esteba(0) Ray			
	2 Livan	Livan Perez(0)Rosendo Arreola(8)			
Operator	1 Vicento	e Flores(8)	····		8
Foreman	0 Jorge	Sanroman(0)			
			ăi		0
	0				0
<u>Equipment</u>					
Type (Qty)	<u>Model</u>	Hrs.A/I	Type	Model	Hrs.A / I
Compressor (1)	SULLIVAN 0210H - AC 137	77 8	(2)Dewalt 4 1/2"grinder	DWE 43113	16
New Holland	LX-665 Turbo (8)	8	(2)Intertek12"Utility Blov	STFJ-30	16
			Track hoe HITACHI	EX-200-3	8
(3)Jack Hammer	Kent-20R	24	24"Core Cut	Hydraulic Saw	F 8
				1	
		<u>Materials</u>			
<u>Descrip</u>	tion	Quantity	Description		Quantity
Diesel Fuel		20 Gal			
(1)Load of debris removed	<u> </u>				
	Mante Danfamand he	04	O. b t t		
Componible	Work Performed by				
Company Name		TOWN OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY	n of Work Completed		
C & I CONSTRUCTIONS	As execution RFI 25 demo				ractor C
	& I Construction saw cut a	no jack namn	nerea concrete inside of w	et well floor.	
Me certify that the work perfor	med on this day, as describe herein, w	vac porconally incr	poeted by us and conforms with t	the insert of the Die	
specifications unless otherwise i	instructed by the Engineer. As per co	ntract document	General Covenants and C	ne intent of the Pla	ns and
signature			signature	her	
print name Pedro Angel	001		print name Juan Carlo		
signature Luylo	Swell	<del>24</del> 7)	position: Superintender	nt	
•	ary Smith		_		
PMCM Representative	Missai D. J. M. (		Contractor Re	epresentative	
	Miami Dade Wate	r and Sev	ver Department		

1- Original to MDWASD.

2- Duplicate to Contractor

Date: 10/26/2017

File: Time Material PS418 (10-26-2017)

#### Time and Material Record Construction Section-Date: 10/27/2017 PM/CM TEAM



Contract CD 5.01	Contrac	ct Des	cription: P	PUMP STATION 418 UP	PGRADE	
ER #: <u>S049008</u>	Contractor: METRO E.S. Location: PS418		n: <u>PS418</u>			
Company : METRO	E.S. L	abor				
Classification	Qty.	ilantin	and the latest of	Names (Hours)		Total hr
Superintendent		an Carl	os Moreno (			2
Laborers			eba(0) Ray	· · · · · · · · · · · · · · · · · · ·		
	2 Li	van Per	ez(0)Rosen	ndo Arreola(8)		16
Operator		cente Fl				8
Foreman	0 Jo	rge Sar	roman(0)			
						0
	0					0
Equipment						
Type (Qty)	<u>Model</u>		Hrs.A/I	Type	Model	Hrs.A/I
Compressor (1)	SULLIVAN 0210H - AC	1377	8	(2)Dewalt 4 1/2"grinder	DWE 43113	16
New Holland	LX-665 Turbo (8)		8	(2)Intertek12"Utility Blow	STFJ-30	16
				Track hoe HITACHI	EX-200-3	8
(3)Jack Hammer	Kent-20R		24	24"Core Cut	Hydraulic Saw	F <u>8</u>
						<del>:-</del> -
		<u>M</u>	aterials		TOPE SERVICE STREET	
Descript	tion		Quantity	Description		Quantity
Diesel Fuel			20 Gal			
(1)Load of debris removed	<u> </u>					
	Mork Dorforms	d by C		or Subcontractor		
0	work Periorities	и ву С		or Subcontractor	upo de la Caración de la Caración de la Caración de la Caración de la Caración de la Caración de la Caración d	Sales and the far
Company Name		1141	WWW. W.	n of Work Completed	and the Control	
C & I CONSTRUCTIONS				in the Wet Well on T&M b nered concrete inside of w		ractor C
	di i Constituction saw t	ut and	Jack Hallill	rerea concrete maiae or w	et wen noor.	
Me cortifue that the work norfor	rmad on this day as describe her	roin was	nerconally incr	pected by us, and conforms with t	he intent of the Dia	ns and
specifications unless otherwise	instructed by the Engineer. As p	per contra	act document	General Covenants and C	The littlefit of the Pia	iiiş aiiu
signature	٨			signature	4	
print name Pedro Angel	Kob			print name Juan Carlo		
signature	Journ 1			position: Superintenden	it	
l '	ary Smith				enter i	
PMCM Representative	MI 1 D 1 14	1-4		Contractor Re	epresentative	
	Miami Dade W	/ater	and Sev	ver Department		

1- Original to MDWASD.

2- Duplicate to Contractor

File: Time Material PS418 (10-27-2017)

Date: 10/27/2017

#### **Time and Material Record** Construction Section-Date: 10/30/2017



		-Date.	10/30/2017		EAIM
Contract CD 5.01	Contract De	escription:	PUMP STATION	418 UPGRADE	
ER #: <u>S049008</u>	Contractor: METR			ocation: PS418	
Company : METRO	D E.S. Labo	r			
Classification	Qty.		Names (Hours)		Online - Property Commen
Superintendent	1 Juan Ca	arios Moreno	(2)		Total hrs
Laborers	1 Labor 1		(-)		0
	1 Labor 2	8			
	1 Labor 3				0
Operator	1 Operato	r Heavy Equi	pment		
Equipment					
Type (Qty)	Model	Hrs.A/I	Type	Model	LI-A CIV
Compressor (1)	SULLIVAN 0210H - AC 1377	0	(2)Dewalt 4 1/2"gr		Hrs.A/I
Skid Loader	LX-665 Turbo (8)	0	(2)Intertek12"Utili		- 0
(O) In all 11			Excavator Hitachi		1
(3)Jack Hammer	Kent-20R	0	24"Core Cut	Hydraulic Sav	v + 0
_					
	N	laterials			
Descript		Quantity	Desc	cription	Quantity
Diesel Fuel		0			Quantity
(1)Load of debris removed		1 trip			
	Work Performed by C	No matrice and a second			
Company Name	Work Performed by C				
C & I CONSTRUCTIONS	As execution DEL 25 domestic	Description	of Work Completed		OEB STATE
<u> </u>	As execution RFI 25 demolities I Construction saw cut and	on of Fillet Liack hamm	in the Wet Well on the incident	T&M basis, the Cont	tractor C
		Juon Hallill	erea concrete insige	e of wet well floor.	
We certify that the work perform specifications unless otherwise in	ned on this day, as describe herein, was istructed by the Engineer. As per contri	personally inspersor	ected by us, and conform	s with the intent of the Pi	lans and
signature				Lda.	
print name Pedro Angel Inspector:	On		signature	Carlos Moreno	· · · · · · · · · · · · · · · · · · ·
<del></del>	nar Martinez		position: Superinte	ndent	
MCM Representative			Contract	tos Dansser	
	Miami Dade Water		Contract	tor Representative	

1- Original to MDWASD.

2- Duplicate to Contractor

Date:

10/30/2017

File: Time Material PS418 (10-30-2017)

## Time and Material Record Construction Section-Date: 10/31/2017 PM/CM TEAM



0-1 105 -01					-/
Contract CD 5.01	Cor	ntract Description:	PUMP STATION 418 L	JPGRADE	
ER #: <u>S049008</u>		r: <u>METRO E.S.</u>		on: <u>PS418</u>	
Company : METRO	E.S.	Labor			
Classification	Qty.	<b>的对称</b> 。	Names (Hours)		D'C. Service Co.
Superintendent	1	Juan Carlos Moreno	(2)		Total hrs
Laborers		David Esteba(0) Ray			2
	2	Livan Perez(8)Rose			16
Operator	1	Vicente Flores(8)			8
Foreman	0	Jorge Sanroman(0)			
<del></del> ,					0
	0				0
Equipment					
Type (Qty)	Model	Hrs.A/I	Type	Model	Line A / I
Compressor (1)	SULLIVAN 0210H -		(2)Dewalt 4 1/2"grinder		Hrs.A/I
New Holland	LX-665 Turbo (8)	8	(2)Intertek12"Utility Blow		8
			Track hoe HITACH	EX-200-3	8
(2)Jack Hammer	Kent-20R	8	24"Core Cut	Hydraulic Saw	
				· · · · · · · · · · · · · · · · · · ·	
		<u>Materials</u>			
Descript	ion	Quantity	Description		Quantity
Diesel Fuel		20 Gal			
(1)Load of debris removed					
	Work Perform	ned by Contractor	or Subcontractor		
Company Name	<b>发展的表示是第二世</b>		of Work Completed		
C & I CONSTRUCTIONS	As execution RFI 25	demolition of Fillet	in the Wet Well on T&M	hasis the Cont	ractor C
	& I Construction say	w cut and jack hamn	nered concrete inside of w	et well floor.	actor C
	12-3-3			_	
	19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
We certify that the work perform specifications unless otherwise in	ned on this day, as describe	herein, was personally insp	pected by us, and conforms with	the intent of the Pla	ens and
specifications unless otherwise in signature	istructed by the Engineer. A	s per contract document. I	General Covenants and C		
print name Pedro Angel	11		signature	lu	
Inspector:	Um		print name Juan Carlo position: Superintendent	s Moreno	
print name On					
·	nar Martinez		passion oupointondon	•	
PMCM Representative	nar Martinez		Contractor Re		

Milami Dade Water and Sewer Department

1- Original to MDWASD.

2- Duplicate to Contractor

Date: 10/31/2017

File: Time Material PS418 (10-31-2017)

## Time and Material Record Construction Section-Date: 11/1/2017 PM/CM TEAM



Contract CD 5.01	Control A				-/ \
			PUMP STATION 418 U	JPGRADE	
ER #: <u>S049008</u>	Contractor: METR	<u>RO E.S.</u>	Locati	on: <u>PS418</u>	
Company : METRO	DE.S. Labo	r			
Classification	Qty.	BRIDE RE	Names (Hours)		Total hrs
Superintendent	1 Juan Ca	arlos Moreno	(2)		2
Laborers	1 Labor 1				8
	1 Labor 2				8
	1 Labor 3				8
Operator	1 Operator Heavy Equipment				
Equipment					
Type (Qty)	Model	11-A/1			
Compressor (1)	SULLIVAN 0210H – AC 1377	Hrs.A / I	Type	Model	Hrs.A/I
Skid Loader	LX-665 Turbo (8)	8	(2)Dewalt 4 1/2"grinder	DWE 43113	16
Jack Hammer	Atlas Copco TEX R90	0	(2)Intertek12"Utility Blov Excavator Hitachi		16
(3)Jack Hammer	Kent-20R	24	24"Core Cut	EX-200-3	8
			24 Obje Cut	Hydraulic Saw	<del></del>
		50.00		,	
	N	/laterials			
Descript	ion	Quantity	Description	<b>公司国由的</b>	Quantity
Diesel Fuel		20 Gal			SACCHIGITY
(1)Load of debris removed	<u> </u>				
	Work Performed by 0	Contractor	or Subcontractor		
Company Name		Description	of Work Completed		"""""
C & I CONSTRUCTIONS	As execution RFI 25 demolities	ion of Fillet	in the Wet Well on T&M b	asis, the Contra	actor C
	& I Construction saw cut and	i jack hamm	nered concrete inside of we	et well floor.	
We certify that the work perform	med on this day, as describe herein, was	personally inst	pected by us, and conforms with the	$\widehat{}$	
	nstructed by the Engineer. As per conti	ract document	General Covenants and C	ie intent of the Plar	is and
signature			signature	Me	
print name Pedro Angel Inspector :	Om		print name Juan Carlos	Moreno	
	mar Martinez		position: Superintendent		
PMCM Representative	III IAIGI (IIGE)		0		
	Miami Dade Water	and Sou	Contractor Rep	<u>presentative</u>	
		and Sew	ei nehaitment		

1- Original to MDWASD.

2- Duplicate to Contractor

File: Time Material PS418 (11-01-2017)

## Time and Material Record Construction Section-Date: 11/2/2017 PM/CM TEAM



Date:

Contract CD 5.01	Contract [	Description:	PUMP STATION 418 U	JPGRADE	
ER #: <u>S049008</u>	Contractor: MET			on: <u>PS</u> 418	
Company : METRO	D E.S. Lab	or			
Classification	Qty.		Names (Hours)		Total has
Superintendent		Carlos Moreno		ACTUAL VALUE OF SECUL	Total hrs
Laborers	1 Labor		<u></u>		8
	1 Labor	2			8
	1 Labor	3			8
Operator	0 Opera	tor Heavy Equ	ipment		0
Equipment					
Type (Qty) Compressor (1)	Model	Hrs.A / I	Type	Model	Hrs.A/I
Skid Loader	SULLIVAN 0210H - AC 137	<del></del>	(2)Dewalt 4 1/2"grinder	DWE 43113	16
Ond Loader	LX-665 Turbo (8)		(2)Intertek12"Utility Blov		16
(3)Jack Hammer	Kent-20R	24	Excavator Hitachi	EX-200-3	8
(o)out (lamino)	110111-2011		24"Core Cut	Hydraulic Saw	<u>8</u>
					<del></del>
		Materials			
Descript	<u>lon</u>	Quantity	Description		Quantity
Diesel Fuel		20 Gal	2 Journal of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the		Quantity
(1)Load of debris removed					
	Work Performed by	Contractor	or Subcontractor		
Company Name			n of Work Completed		
C & I CONSTRUCTIONS	As execution RFI 25 demol	ition of Fillet	in the Wet Well on T&M b	asis, the Contr	actor C
	& I Construction saw cut a	nd jack hamm	nered concrete inside of w	et well floor.	
We certify that the work perform specifications unless otherwise in	med on this day, as describe herein, w nstructed by the Engineer. As per col	vas personally insp	pected by us, and conforms with t	he intent of the Pla	ns and
signature	institution by the trigineer. As per col	ntract document	General Covenants and C	In.	
print name Pedro Angel	Can	_	signature print name		<del></del>
Inspector :Or	mar Martinez		position: Superintendent		
PMCM Representative	iidi ividi (ii ibiz		Comtact: 5		
	Miami Dade Wate	r and Sew	Contractor Rever Department	presentative	

File: Time Material PS418 (11-02-2017)

1- Original to MDWASD.

2- Duplicate to Contractor

#### Time and Material Record Construction Section-Date: 11/3/2017



Contract CD 5.01	Contra	act Des	cription: F	PUMP STATION 418 U	PGRADE	-
ER #: <u>S049008</u>	Contractor: I	METRO	<u>E.S.</u>	Location	on: <u>PS418</u>	
Company : METRO	E.S.	Labor			· · · · · · · · · · · · · · · · · · ·	
Classification	Qty.			Names (Hours)		Total hrs
Superintendent	1 J	luan Carl	os Moreno	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s		2
Laborers	1 L	abor 1				8
	1 L	abor 2				8
		abor 3				0
Operator	0 0	Operator	Heavy Equi	oment		0
<u>Equipment</u>						
Type (Qty)	Model		Hrs.A/I	Type	Model	Hrs.A/I
Compressor (1)	SULLIVAN 0210H – A	C 1377	8	(2)Dewalt 4 1/2"grinder	DWE 43113	16
Skid Loader	LX-665 Turbo (8)		8	(2)Intertek12"Utility Blov		16
(0) I I - I I	14			Excavator Hitachi	EX-200-3	8
(3)Jack Hammer	Kent-20R		24	24"Core Cut	Hydraulic Saw	<u>8</u>
		Ma	aterials			
Descript	<u>ion</u>		Quantity	<u>Description</u>	<b>用独高的图像</b>	Quantity
Diesel Fuel			20 Gal			
(1)Load of debris removed	<u> </u>					
	Work Porform	ad by C				
Company Name	<u>work Penorine</u>	ea by C		or Subcontractor		WAR ON PAGE
	As execution BEL 25		**********************	of Work Completed		电点测量
C & I CONSTRUCTIONS	& I Construction saw	cut and	n of Fillet iack hamm	in the Wet Well on T&M bered concrete inside of w	asis, the Contr et well floor	actor C
			,	or of tomorate morae or w	et wen noon.	
We certify that the work perform specifications unless otherwise i	med on this day, as describe he nstructed by the Engineer. As	erein, was p	personally inspact document	pected by us, and conforms with t	the intent of the Pla	ans and
signature_	1			signature	1M2	
print name Pedro Angel	N.			print name Juan Carlo	s Moreno	
Inspector :	SM)			position: Superintenden		
	mar Martinez					
PMCM Representative				Contractor Re	epresentative	
	Miami Dade V	vater a	and Sew	er Department		

1- Original to MDWASD.

2- Duplicate to Contractor

Date:

11/3/2017

File: Time Material PS418 (11-03-2017)

# Time and Material Record Construction Section-Date: 11/6/2017 PM/CM TEAM



Contract CD 5.01	Contract De	scription	: PUMP STATION 418 UPGRADE		
ER #: <u>S049008</u>	Contractor: METR	COMPTION			
		<u>.U E.S.</u>	Location: PS418		
Company : METRO					
<u>Classification</u> Superintendent	Qly.		Names (Hours)	Tealls	
Laborers		rlos Moren	0 (2)	Total hr	
Luborers	1 Labor 1				
	1 Labor 2			8	
Operator	1 Labor 3			8	
	1 Operator Heavy Equipment				
				4	
Equipment					
Type (Qty)	Model				
Compressor (1)	SULLIVAN 0210H - AC 1377	Hrs.A/I	Type Model	Hrs.A/I	
Skid Loader	LX-665 Turbo (8)		(2)Dewalt 4 1/2"grinder DWE 43113	16	
		8	(2)Intertek12"Utility Blow STFJ-30	16	
(3)Jack Hammer	Kent-20R	24	Excavator Hitachi EX-200-3	8	
			24"Core Cut Hydraulic Saw	8	
	M	aterials	<del></del>		
Descripti	on which the transfer of the	Quantity	Land Colone Colone Colone		
Diesel Fuel		20 Gal	<u>Description</u>	Quantity	
(1)Load of debris removed					
	Work Performed by C	ontractor	or Subcontractor		
Company Name			n of Work Completed		
C & I CONSTRUCTIONS	As execution RFI 25 demolition	n of Fillet	in the 14/-4 14/- 11	4位款	
	& I Construction saw cut and	jack hamn	nr the Wet Well on T&M basis, the Contra nered concrete inside of wet well floor.	ctor C	
			met well moor.		
Mo posti C. At.					
specifications unless otherwise ins	ed on this day, as describe herein, was p	ersonally insp	pected by us, and conforms with the intent of the Plans		
signature	ed off this day, as describe herein, was p structed by the Engineer. As per contrac	t document : I	General Covenants and C	sano	
print name Pedro Angel			signature		
Inspector:	Um	I	print name Juan Carlos Moreno		
print name Oma	ar Martinez		position: Superintendent		
MCM Representative			Contracts		
	Miami Dade Water a	nd Sew	Contractor Representative		

1- Original to MDWASD. 2- Duplicate to Contractor

Date:

11/6/2017

File: Time Material PS418 (11-06-2017)

### Time and Material Record Construction Section-Date: 11/7/2017



			11/1/2011		
Contract <u>CD 5.01</u>	Con	tract Descrip	tion: PUMP STATION	418 UPGRADE	
ER #: <u>S049008</u>	Contractor	: METRO E.	<u>S.</u>	Location: <u>PS418</u>	
Company : METRO	DE.S.	Labor			
Classification	Qty.		Names (Hours)		
Superintendent	1	Juan Carlos M	oreno (2)	国籍国际全型的现在分词 (A)	Total hrs
Laborers	1	Labor 1	(-)		2
	1	Labor 2			8
	1	Labor 3			8
Operator	1	Operator Heav	y Equipment		8
Equipment					
Type (Qty)	Model		A CONTROL OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE P		
Compressor (1)	SULLIVAN 0210H -	Hrs. ΛC 1377 0		<u>Model</u>	Hrs.A/I
Skid Loader	LX-665 Turbo (8)	8	(2)Dewalt 4 1/2"g		16
· · · · · · · · · · · · · · · · · · ·	(O)			lity Blow STFJ-30	16
(3)Jack Hammer	Kent-20R	24	Excavator Hitach 24"Core Cut		8
			24 Core Cut	Hydraulic Saw	F 8
<b>-</b>			<del></del>		
		Materia	als		
Descript	lon	Qua	Market Burners	scription	0
Diesel Fuel		20 G		SOLDHOLD STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF	Quantity
(1)Load of debris removed					<del></del>
	Work Perform	ed by Contra	actor or Subcontractor		
Company Name		Marine and American Section 1997	pription of Work Completed		
C & I CONSTRUCTIONS	As execution RFI 25	demolition of	Fillet in the Wet Well on	TRM basis the Contr	
	& I Construction saw	cut and jack	hammered concrete insig	i am basis, the Contr le of wet well floor	actor C
				e e net nen neer.	
	XX CART INC. II Charty Comment				
We certify that the work perform specifications unless otherwise in	ned on this day, as describe h	erein, was persona	ally inspected by us, and conform	ns with the intent of the Dia	nc and
	istructed by the Engineer. A	s per contract doc	ument General Covenants and Q	y with the steeme of the Pia	iis ailu
signature Pedro Angel		<del></del>	signature	the	
print name Pedro Angel Inspector :	Chn		print name Juan	Carlos Moreno	·
print name On	nar Martinez	<del></del>	position: Superint	endent	
print name On PMCM Representative	nar Martinez	<del></del>		endent ctor Representative	

1- Original to MDWASD.

2- Duplicate to Contractor

File: Time Material PS418 (11-07-2017)

## Time and Material Record Construction Section-Date: 11/8/2017 TEA



Contract CD 5.01	Contract D		DUMP OF THE		-/\	
ER #: <u>S049008</u>	Contract Description: PUMP STATION 418 UPGRADE					
		Contractor: METRO E.S.		Location: PS418		
Company : METRO		<u>r</u>				
<u>Classification</u>	Qty.		Names (Hours)		Total hrs	
Superintendent  Laborers		arlos Moreno	ر (2)		2	
Laborers	1 Labor 1				8	
	1 Labor 2				8	
Operator	1 Labor 3				8	
ope.a.c.	I Operator	or Heavy Equ	ipment		2	
Equipment						
Type (Qty)	Model	Hrs.A / I	Type	Madal		
Compressor (1)	SULLIVAN 0210H - AC 1377	7 8	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	Model DWE 43113	Hrs.A/I	
Skid Loader	LX-665 Turbo (8)	8	(2)Intertek12"Utility Blow		16	
			Excavator Hitachi	EX-200-3	<u>16</u> 8	
(3)Jack Hammer	Kent-20R	24	24"Core Cut	Hydraulic Saw		
				11,41,41,11	1 0	
_		/laterials	<del></del>			
Description		Quantity	Doordalia			
Diesel Fuel		20 Gai	<u>Description</u>		Quantity	
(1)Load of debris removed	*	20 04				
	Work Performed by C	Contractor	or Subcontractor			
Company Name	<b>"在是我们是我们的人们的人们的人们的人们</b>	Description	n of Work Completed			
C & I CONSTRUCTIONS	As execution RFI 25 demolitie	ion of Fillet	in the Wet Well on TAM be	seie the Contr	notor C	
	& I Construction saw cut and	l jack hamn	nered concrete inside of we	asis, the control ≥t well floor.	actor C	
Mo cortifu that the work perform						
specifications unless otherwise in	ned on this day, as describe herein, was structed by the Engineer. As per contra	personally inst	pected by us, and conforms with the	ne intent of the Plan	ns and	
signature	· ·	act accuming	General Covenants and C	1		
print name Pedro Angel	n.		signature	m		
Inspector :	Um		print name Juan Carlos position: Superintendent	Moreno		
	nar Martinez		1			
MCM Representative			Contractor Rep	presentative		

Miami Dade Water and Sewer Department

1- Original to MDWASD.

2- Duplicate to Contractor

Date: 11/8/2017

File: Time Material PS418 (11-08-2017)

## Time and Material Record Construction Section-Date: 11/9/2017



Contract CD 5.01	Contract Description: PUMP STATION 418 UPGRADE					
ER #: <u>S049008</u>	Contractor: METRO E.S.		Location: PS418			
Company : METRO	D E.S. Labo	r				
Classification	Qty.		Names (Hours)		Total hrs	
Superintendent	1 Juan Carlos Moreno (2)					
Laborers	1 Labor 1					
	1 Labor 2				8	
	1 Labor 3				8	
<u>Operator</u>	1 Operato	Operator Heavy Equipment			4	
		· · · · · · · · · · · · · · · · · · ·				
Equipment						
Type (Qty)	Model	Hrs.A/I	Type	Model	Hrs.A/I	
Compressor (1)	SULLIVAN 0210H - AC 1377		(2)Dewalt 4 1/2"grinder	DWE 43113	16	
Skid Loader	LX-665 Turbo (8)	8	(2)Intertek12"Utility Blov		16	
			Excavator Hitachi	EX-200-3	8	
(3)Jack Hammer	Kent-20R	24	24"Core Cut	Hydraulic Saw	F 8	
		<u> </u>				
Descript		Quantity				
Diesel Fuel		20 Gal	<u>Description</u>	是其他生活的 <b>性</b> 是用世界。	Quantity	
(1)Load of debris removed		20 001				
	Work Performed by	Contractor	or Subcontractor			
Company Name		Programme and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	of Work Completed			
C & I CONSTRUCTIONS	As execution RFI 25 demolit	ion of Fillet	in the Wet Well on T&M b	asis, the Contr	actor C	
	& I Construction saw cut an	d jack hamm	nered concrete inside of w	et well floor.		
We certify that the work perform	med on this day, as describe herein, wa	s nersonally iner	sected by us and conference with a			
specifications unless otherwise in	nstructed by the Engineer. As per cont	ract document	General Covenants and C	ne intent of the Pla	ns and	
signature			signature	Me		
print name Pedro Angel print name Juan Carlos Moreno						
	mar Martinez		position: Superintendent			
PMCM Representative	na wallicz		Contractor De			
2	Miami Dade Water	and Sew	Contractor Re	<u>presentative</u>		
		~ JUN	- Dobarnicii			

1- Original to MDWASD.

2- Duplicate to Contractor

File: Time Material PS418 (11-09-2017)

#### Time and Material Record Construction Section-Date: 11/10/2017



Contract CD 5.01	Contract Description: PUMP STATION 418 UPGRADE					
ER#: <u>S049008</u>	Contractor: METRO E.S.		Location: <u>PS418</u>			
Company : METRO	E.S. Labor					
Classification	Qty.		Names (Hours)		Total hrs	
Superintendent		rlos Moreno (	2)		2	
Laborers	1 Labor 1				8	
	1 Labor 2				8	
<u> </u>	1 Labor 3				8	
Operator	1 Operator	Operator Heavy Equipment 4			4	
Equipment						
Type (Qty)	Model	Hrs.A/I	Type	<u>Model</u>	Hrs.A/I	
Compressor (1)	SULLIVAN 0210H - AC 1377	8	(2)Dewalt 4 1/2"grinder	DWE 43113	16	
Skid Loader	LX-665 Turbo (8)	8	(2)Intertek12"Utility Blov		16	
			Excavator Hitachi	EX-200-3	8	
(3)Jack Hammer	Kent-20R	24	24"Core Cut	Hydraulic Saw I	-8	
				<b>-</b>		
	N	<u> </u>				
Descript	ion	Quantity	Descriptio	0	Quantity	
Diesel Fuel		20 Gal				
(1)Load of debris removed		1 trip				
		<u> </u>	0.1	<del></del>		
	Work Performed by				Salar Calaba	
Company Name			n of Work Completed	bools 45- 0: 1	0010-0	
C & I CONSTRUCTIONS	As execution RFI 25 demolit & I Construction saw cut and				actor C	
	G. I CUIISUUCUUII SAW CUL AII	u jaun IIailili	iei eu conorete maide di V	rot mon noon.		
Me contifue that the work parts	rmed on this day, as describe herein, wa	is nersonally inc	nected by us, and conforms with	the intent of the Pla	ans and	
specifications unless otherwise	instructed by the Engineer. As per con	tract document	: General Covenants and C			
signature			signature	t you		
print name Pedro Angel		print name Juan Carlos Moreno				
Inspector:		position: Superintende	nt			
print name C	Omar Martinez					
PMCM Representative			Contractor Representative			
Miami Dade Water and Sewer Department						

1- Original to MDWASD.

2- Duplicate to Contractor

File: Time Material PS418 (11-10-2017)

Date: 11/10/2017

DX OF DAVIS