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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](mailto: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](mailto:Ammons.Brad@epa.gov)

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U.S. Department of Justice  
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Washington, D.C. 20044-7611  
[Rachael.Kamons@usdoj.gov](mailto: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  
[Sirena.Davila@dep.state.fl.us](mailto: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 76<sup>th</sup> 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.

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:

1. 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:

1. 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 61-day delay (Exhibit E).

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.E.  
Deputy Director  
Miami-Dade Water and Sewer Department

Attachment: Exhibits

ec:

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



# Exhibit A

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## 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  
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RE: DOJ No. 90-5-1-1-4022/1  
[Tom.Mariani@usdoj.gov](mailto:Tom.Mariani@usdoj.gov)

Chief, Clean Water Enforcement Branch  
Water Protection Division  
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**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.



**Schedule for implementation of any measures to be taken to prevent or mitigate the delay or the effect of the delay**

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.

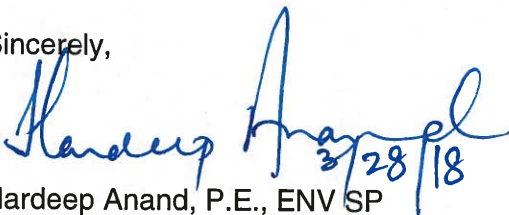
**Cause or contribute to an endangerment to public health, welfare or the environment**

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

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Southeast District – West Palm Beach  
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Jack Osterholt, Deputy Mayor/Director  
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Richard O'Rourke  
Howard Fallon  
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David Wood (CD PMCM)  
Andrea Suarez Abastida (CD PMCM)  
Scott Eckler (CD PMCM)  
Abby Diaz (CD PMCM)

# Exhibit B

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VIA ELECTRONIC CORRESPONDENCE

October 21, 2019

CCN: 62833  
File No: 8.DC.20.52

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RE: DOJ No. 90-5-1-1-4022/1  
[Tom.Mariani@usdoj.gov](mailto:Tom.Mariani@usdoj.gov)

Chief, Clean Water Enforcement Branch  
Water Protection Division  
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West Palm Beach, FL 33406  
Attn: Compliance/Enforcement Section  
[Jason.Andreotta@dep.state.fl.us](mailto: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.



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.

**Schedule for implementation of any measures to be taken to prevent or mitigate the 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.

**Cause or contribution to an endangerment to public health, welfare or the environment**

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,



Lynnette M. Ramirez P.E.

Senior Advisor, Capital Improvement Programs & Regulatory Compliance

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Miami-Dade Water and Sewer Department  
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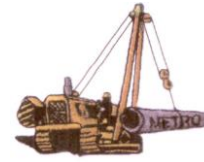
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# Exhibit C

---

# METRO EQUIPMENT SERVICE, INC.

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



January 18<sup>th</sup>, 2020

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

Letter # 1601-123

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.-

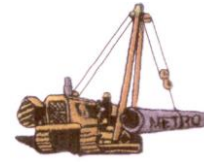
The Pumps and Motors delivered to the jobsite presented signs of deterioration of certain components as well as evidence of improper storage procedures for a very extended period of time at the Owner's facilities. Consequently, MDWASD decided to remove the Pumps and Motors from the jobsite and direct 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

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

### 3.- City of Hialeah Bldg. Dptm. Permit revision due to Electrical drawings redesign by MDWASD .-

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 facilities, 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.

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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)**

<b>Activity ID</b>	<b>Delay Description</b>	<b>Start Delay</b>	<b>End Delay</b>	<b>TOTAL Delay (CD)</b>
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	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
220	Remove/Replace FPL Meter enclosure at FPLTransformer Room	5/27/2019	5/28/2019	2
216	Install additional lighting system at pipe gallery and pump room	6/1/2019	7/19/2019	48
212	Modify Power Supply to HVAC Equipment	6/24/2019	8/13/2019	50
217	Missing Vibration/Temperature Sensors at Motor/Pump Assemblies	6/20/2019	10/11/2019	113
219	Manual Speed Potentiometer at Pump VFD LCP	11/19/2019	12/10/2019	21
220	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
<b>TOTAL DELAY DAYS (CALENDAR DAYS) :</b>				<b>734</b>
<b>NET DELAY DAYS (CALENDAR DAYS) PER CPM TIA as of 12-18-2019:</b>				<b>355</b>

**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

MDWASD - PS418 - CPM Schedule - Time Impact Analysis as of 12-18-2019 (TIA)

ID	Task Name	Duration	Est Start	Est Finish	% Complete	Total Float	Baseline Finish	2016	2017	2018	2019	2020	2021	2022
1	GENERAL ACTIVITES	889 days	Sat 5/28/16	Wed 12/18/16	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							
7	City of Hialeah - Building Permit	9 days	Fri 6/10/16	Wed 6/22/16	100%	0 days	Wed 7/27/16							
18	Pump Room Re-design	42 days	Tue 8/9/16	Thu 10/6/16	100%	0 days	Tue 10/25/16							
13	City of Hialeah - Completion of Sanitary Sewer Project	1 day	Thu 11/17/16	Thu 11/17/16	100%	0 days	Thu 9/15/16							
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							
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 Project Completion	0 days	Wed 2/8/17	Wed 2/8/17	100%	0 days	Wed 7/27/16							
15	Setup Field Office Trailer at School Board Easement	10 days	Mon 4/13/17	Fri 4/14/17	100%	0 days	Tue 10/25/16							
4	Contract Time Extension - 23 Days - Replace east 16" Valve	0 days	Wed 4/12/17	Wed 4/12/17	100%	0 days	Wed 7/27/16							
5	Contract Time Extension - 23 Days - Influent Pipe Infiltration	0 days	Wed 4/12/17	Wed 4/12/17	100%	0 days	Wed 7/27/16							
12	Rain Delay	5 days	Mon 6/5/17	Fri 6/9/17	100%	0 days	NA							
8	Hurricane Irma - Work Stoppage	6 days	Wed 9/6/17	Wed 9/13/17	100%	0 days	NA							
11	Rain Delay	1 day	Wed 10/4/17	Wed 10/4/17	100%	0 days	NA							
10	Rain Delay	1 day	Thu 10/5/17	Thu 10/5/17	100%	0 days	NA							
9	Rain Delay	1 day	Fri 10/6/17	Fri 10/6/17	100%	0 days	NA							
6	Contract Time Extension - 8 Days - Hurricane Irma Impacts	0 days	Tue 12/5/17	Tue 12/5/17	100%	0 days	Wed 7/27/16							
19	Time Extension - 92 Calendar days	0 days	Mon 1/15/18	Mon 1/15/18	100%	0 days	NA							
23	Contract Time Extension - 134 Days - Refurbishing of Pumps/Motors	0 days	Mon 12/17/18	Mon 12/17/18	100%	0 days	NA							
21	MD-DERM Certification - MDWASD submitted application	1 day	Tue 10/8/19	Tue 10/8/19	100%	0 days	NA							
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							
28	Project Close-out Documents	6 days	Wed 10/9/19	Mon 11/18/16	100%	0 days	Fri 4/27/18							
22	MD-DERM Certification - MD-DERM approval - Project is certified	1 day	Fri 10/11/19	Fri 10/11/19	100%	0 days	NA							
26	Owner's Training	0 days	Tue 10/29/19	Fri 11/8/19	100%	0 days	Thu 4/12/18							
24	Project Substantial Completion	1 day	Fri 11/8/19	Fri 11/8/19	100%	0 days	Thu 3/29/18							
25	Punch List	28 days	Mon 11/11/19	Wed 12/18/16	100%	0 days	Fri 4/27/18							
27	City of Hialeah Bldg Dptm - Final Inspection approved	1 day	Wed 12/18/19	Wed 12/18/16	100%	0 days	NA							
29	Project Final completion (Dec-18-2019)	1 day	Wed 12/18/19	Wed 12/18/16	100%	0 days	Sat 4/28/18							
30	SHOP DRAWINGS SUBMITTAL / REVIEW / APPROVAL	570 days	Mon 6/6/16	Tue 9/25/18	100%	0 days	Tue 5/9/17							
31	CPM Construction Schedule - Submittal	1 day	Mon 6/6/16	Mon 6/6/16	100%	0 days	Tue 6/7/16							
56	Standby Generator System - Submittal	1 day	Wed 6/8/16	Wed 6/8/16	100%	0 days	Tue 6/14/16							
57	Switchgear Medium Voltage - Submittal	1 day	Wed 6/8/16	Wed 6/8/16	100%	0 days	Tue 6/14/16							
61	CPM Construction Schedule - Review / Approval	48 days	Wed 6/8/16	Mon 8/15/16	100%	0 days	Tue 6/21/16							
86	Standby Generator System - Review / Approval	7 days	Thu 6/9/16	Mon 11/21/16	100%	0 days	Tue 6/28/16							
87	Switchgear Medium Voltage - Review / Approval	9.5 days	Thu 6/9/16	Wed 11/30/16	100%	0 days	Tue 6/28/16							
51	Pipe & Fittings - Submittal	1 day	Fri 6/10/16	Fri 6/10/16	100%	0 days	Tue 6/28/16							
52	Valves - Submittal	1 day	Mon 6/13/16	Mon 6/13/16	100%	0 days	Tue 6/28/16							
81	Pipe & Fittings - Review / Approval	32 days	Mon 6/13/16	Wed 7/27/16	100%	0 days	Wed 7/13/16							
82	Valves - Review / Approval	36 days	Tue 6/14/16	Wed 8/3/16	100%	0 days	Wed 7/13/16							
39	Precast Concrete Catch Basins - Submittals	1 day	Wed 6/15/16	Wed 6/15/16	100%	0 days	Wed 7/13/16							
69	Precast Concrete Catch Basins - Review / Approval	14 days	Thu 6/16/16	Wed 7/6/16	100%	0 days	Wed 7/27/16							
40	Storm Drainage pipe & filter fabric - Submittals	1 day	Fri 6/17/16	Fri 6/17/16	100%	0 days	Tue 6/28/16							
70	Storm Drainage pipe & filter fabric - Review / Approval	5 days	Mon 6/20/16	Fri 6/24/16	100%	0 days	Wed 7/20/16							
55	Electrical Equipment (Transformers/MCC/grounding/lighting/etc) - Submittal	1 day	Fri 7/1/16	Fri 7/1/16	100%	0 days	Wed 8/3/16							
58	VFD - Submittal	1 day	Fri 7/1/16	Fri 7/1/16	100%	0 days	Wed 7/13/16							
88	VFD - Review / Approval	16 days	Mon 7/4/16	Tue 1/24/17	100%	0 days	Wed 7/27/16							
85	Electrical Equipment (Transformers/MCC/grounding/lighting/etc) - Review / Approval	24 days	Tue 7/5/16	Fri 8/5/16	100%	0 days	Wed 8/17/16							
53	HVAC System - Submittals	1 day	Wed 7/6/16	Wed 7/6/16	100%	0 days	Wed 8/10/16							
83	HVAC System - Review / Approval	17 days	Thu 7/7/16	Fri 7/29/16	100%	0 days	Wed 8/24/16							
43	Louvers & vents - Submittal	1 day	Fri 7/22/16	Fri 7/22/16	100%	0 days	Thu 9/22/16							
48	Above Ground Fuel Storage Tanks - Submittals	1 day	Fri 7/22/16	Fri 7/22/16	100%	0 days	Thu 9/8/16							
54	Basic Electrical Materials (Conduits/wiring/disconnects) - Submittals	1 day	Fri 7/22/16	Fri 7/22/16	100%	0 days	Wed 8/10/16							
73	Louvers & vents - Review / Approval	7 days	Mon 7/25/16	Tue 8/2/16	100%	0 days	Thu 10/6/16							
78	Above Ground Fuel Storage Tanks - Review / Approval	38 days	Mon 7/25/16	Thu 9/15/16	100%	0 days	Thu 9/22/16							
84	Basic Electrical Materials (Conduits/Wiring/disconnects) - Review / Approval	10 days	Mon 7/25/16	Fri 8/5/16	100%	0 days	Wed 8/24/16							
32	Cast-in-place Concrete - Submittal	1 day	Fri 8/12/16	Fri 8/12/16	100%	0 days	Wed 8/24/16							
36	Concrete Masonry Units - Submittal	1 day	Fri 8/12/16	Fri 8/12/16	100%	0 days	Wed 8/24/16							
37	Glass Unit Masonry - Submittal	1 day	Fri 8/12/16	Fri 8/12/16	100%	0 days	Thu 9/8/16							
62	Cast-in-place Concrete - Review / Approval	46 days	Mon 8/15/16	Tue 4/11/17	100%	0 days	Thu 9/8/16							
66	Concrete Masonry Units - Review / Approval	18 days	Mon 8/15/16	Thu 9/8/16	100%	0 days	Thu 9/8/16							
67	Glass Unit Masonry - Review / Approval	18 days	Mon 8/15/16	Thu 9/8/16	100%	0 days	Thu 9/22/16							
60	Field Instrumentation - Submittals	1 day	Wed 8/17/16	Wed 8/17/16	100%	0 days	Thu 9/22/16							
90	Field Instrumentation - Review / Approval	16 days	Thu 8/18/16	Fri 9/9/16	100%	0 days	Thu 10/6/16							

Notice To Proceed  
 City of Hialeah - Building Permit  
 Pump Room Re-design  
 City of Hialeah - Completion of Sanitary Sewer Project  
 Mobilization for Yard Piping Construction  
 Contract Time Extension - 63 Days - Hialeah Sewer Project Completion  
 Setup Field Office Trailer at School Board Easement  
 Contract Time Extension - 23 Days - Replace east 16" Valve  
 Contract Time Extension - 23 Days - Influent Pipe Infiltration  
 Rain Delay  
 Hurricane Irma - Work Stoppage  
 Rain Delay  
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 Contract Time Extension - 8 Days - Hurricane Irma Impacts  
 Time Extension - 92 Calendar days  
 Contract Time Extension - 134 Days - Refurbishing of Pumps/Motors  
 MD-DERM Certification - MDWASD submitted application  
 Final Signed and Sealed Project Asbuilt Drawings approved by MDWAD  
 Project Close-out Documents  
 MD-DERM Certification - MD-DERM approval - Project is certified  
 Owner's Training  
 Project Substantial Completion  
 Punch List  
 City of Hialeah Bldg Dptm - Final Inspection approved  
 Project Final completion (Dec-18-2019)

CPM Construction Schedule - Submittal  
 Standby Generator System - Submittal  
 Switchgear Medium Voltage - Submittal  
 CPM Construction Schedule - Review / Approval  
 Standby Generator System - Review / Approval  
 Switchgear Medium Voltage - Review / Approval  
 Pipe & Fittings - Submittal  
 Valves - Submittal  
 Pipe & Fittings - Review / Approval  
 Valves - Review / Approval  
 Precast Concrete Catch Basins - Submittals  
 Precast Concrete Catch Basins - Review / Approval  
 Storm Drainage pipe & filter fabric - Submittals  
 Storm Drainage pipe & filter fabric - Review / Approval  
 Electrical Equipment (Transformers/MCC/grounding/lighting/etc) - Submittals  
 VFD - Submittal  
 VFD - Review / Approval  
 Electrical Equipment (Transformers/MCC/grounding/lighting/etc) - Review / Approval  
 HVAC System - Submittals  
 HVAC System - Review / Approval  
 Louvers & vents - Submittal  
 Above Ground Fuel Storage Tanks - Submittals  
 Basic Electrical Materials (Conduits/wiring/disconnects) - Submittals  
 Louvers & vents - Review / Approval  
 Above Ground Fuel Storage Tanks - Review / Approval  
 Basic Electrical Materials (Conduits/Wiring/disconnects) - Review / Approval  
 Cast-in-place Concrete - Submittal  
 Concrete Masonry Units - Submittal  
 Glass Unit Masonry - Submittal  
 Cast-in-place Concrete - Review / Approval  
 Concrete Masonry Units - Review / Approval  
 Glass Unit Masonry - Review / Approval  
 Field Instrumentation - Submittals  
 Field Instrumentation - Review / Approval

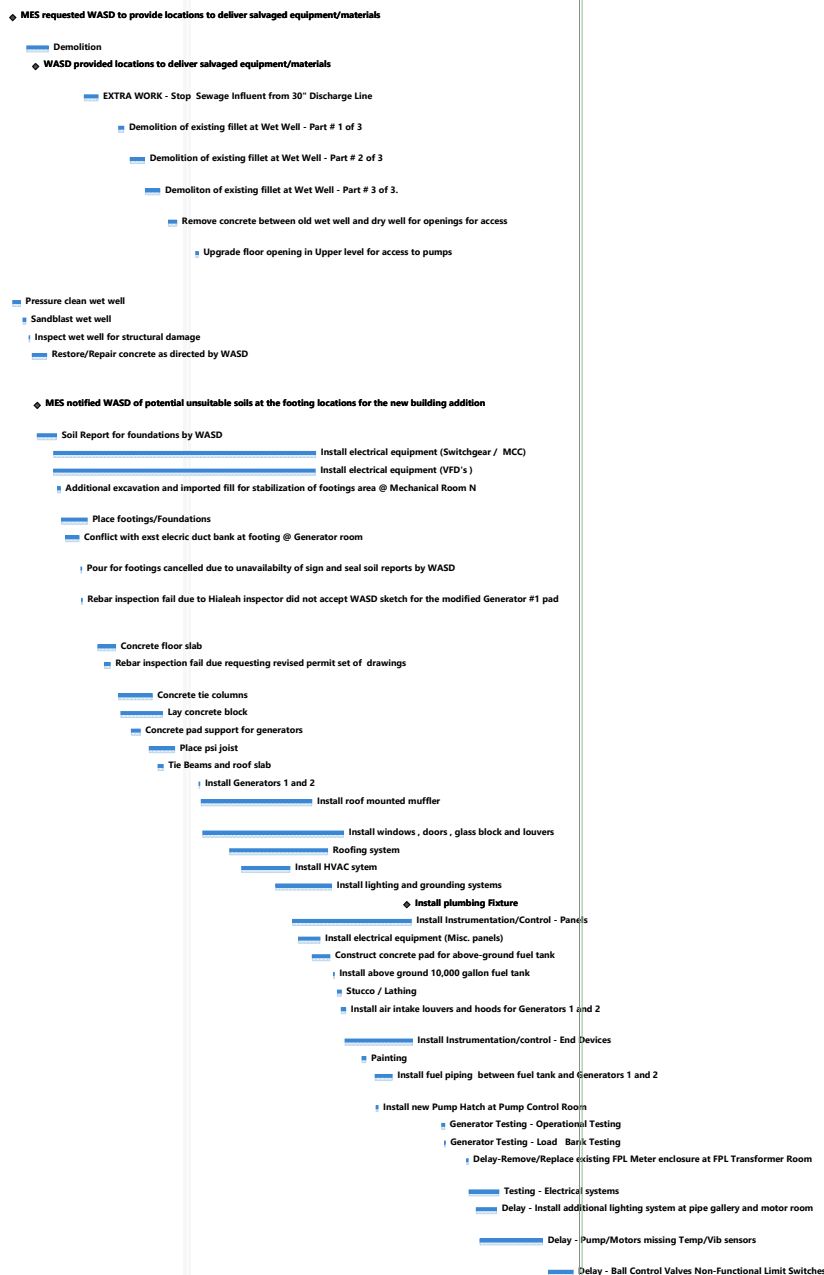
MDWASD - PS418 - CPM Schedule - Time Impact Analysis as of 12-18-2019 (TIA)

ID	Task Name	Duration	Est Start	Est Finish	% Complete	Total Float	Baseline Finish	2016	2017	2018	2019	2020	2021	2022
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							
45	Ball Valves Submittals by MDWASD	1 day	Wed 9/28/16	Wed 9/28/16	100%	0 days	Tue 6/14/16							
46	Hydraulic Accumulator System Submittals by MDWASD	1 day	Wed 9/28/16	Wed 9/28/16	100%	0 days	Tue 6/14/16							
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							
72	Painting - Review / Approval	5.5 days	Thu 9/29/16	Tue 11/22/16	100%	0 days	Mon 12/5/16							
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							
75	Ball Valves Review / Approval by MDWASD	5 days	Thu 9/29/16	Wed 10/5/16	100%	0 days	Tue 6/28/16							
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							
108	Valves - Fabrication/Delivery	53 days	Mon 10/3/16	Thu 3/23/17	100%	0 days	Thu 9/22/16							
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							
42	Painting - Submittals	1 day	Mon 10/24/16	Mon 10/24/16	100%	0 days	Thu 11/17/16							
34	Lightweight Insulating Concrete - Submittals	1 day	Wed 11/9/16	Wed 11/9/16	100%	0 days	Thu 9/15/16							
38	Roofing System - Submittals	1 day	Wed 11/9/16	Wed 11/9/16	100%	0 days	Thu 10/6/16							
41	Lathing - Submittals	1 day	Wed 11/9/16	Wed 11/9/16	100%	0 days	Thu 11/17/16							
50	Trolleys/Hoist - Submittals	0 days	Wed 11/9/16	Wed 11/9/16	100%	0 days	Thu 9/8/16							
64	Lightweight Insulating Concrete - Review / Approval	21 days	Thu 11/10/16	Tue 12/20/16	100%	0 days	Thu 9/29/16							
68	Roofing System - Review / Approval	21 days	Thu 11/10/16	Tue 12/20/16	100%	0 days	Thu 10/20/16							
71	Lathing - Review / Approval	21 days	Thu 11/10/16	Tue 12/20/16	100%	0 days	Mon 12/5/16							
80	Trolleys/Hoist - Review / Approval	7 days	Thu 11/10/16	Fri 11/18/16	100%	0 days	Thu 9/22/16							
100	Vertical Centrifugal Sewage Pumps - Fabrication/Delivery	93.5 days	Tue 11/15/16	Wed 4/12/17	100%	0 days	Mon 12/5/16							
101	Ball Valves - Fabrication/Delivery	48 days	Tue 11/15/16	Fri 3/17/17	100%	0 days	Thu 9/22/16							
102	Hydraulic Accumulator System - Fabrication/Delivery	48 days	Tue 11/15/16	Fri 3/17/17	100%	0 days	Thu 9/22/16							
33	Precast Concrete Joist - Submittals	1 day	Thu 11/17/16	Thu 11/17/16	100%	0 days	Thu 9/8/16							
63	Precast Concrete Joist - Review / Approval	54 days	Fri 11/18/16	Fri 4/21/17	100%	0 days	Thu 9/22/16							
111	Standby Generator System - Fabrication/Delivery	86.6 days	Mon 11/21/16	Fri 4/28/17	100%	0 days	Tue 2/28/17							
112	Switchgear Medium Voltage - Fabrication/Delivery	79.2 days	Wed 11/30/16	Fri 4/28/17	100%	0 days	Tue 1/31/17							
107	DIP Pipe & Fittings - Fabrication/Delivery	34 days	Mon 1/9/17	Wed 3/15/17	100%	0 days	Thu 9/8/16							
92	Glass Unit Masonry - Fabrication/Delivery	48.75 days	Tue 1/10/17	Tue 7/18/17	100%	0 days	Mon 12/12/16							
93	Firestopping Insulation - Fabrication/Delivery	40 days	Tue 1/10/17	Tue 7/18/17	100%	0 days	Thu 11/3/16							
94	Roofing System - Fabrication/Delivery	25.75 days	Tue 1/10/17	Tue 7/18/17	100%	0 days	Mon 11/28/16							
99	Louvers & vents - Fabrication/Delivery	72.55 days	Tue 1/10/17	Fri 7/14/17	100%	0 days	Tue 2/21/17							
109	Basic Electrical Materials (Conduits/Wiring/disconnects) - Fabrication/Delivery	5 days	Tue 1/10/17	Tue 6/20/17	100%	0 days	Thu 9/22/16							
59	Controls - Submittals	10 days	Wed 1/18/17	Tue 3/13/17	100%	0 days	Thu 9/22/16							
47	Sump Pump - Submittals	1 day	Tue 1/24/17	Tue 1/24/17	100%	0 days	Thu 10/20/16							
77	Sump Pump - Review / Approval	5 days	Wed 1/25/17	Tue 3/13/17	100%	0 days	Thu 11/3/16							
113	VFD - Fabrication/Delivery	62.8 days	Wed 1/25/17	Fri 4/28/17	100%	0 days	Tue 4/11/17							
95	Precast Concrete Catch Basins - Fabrication/Delivery	24 days	Mon 1/30/17	Thu 3/2/17	100%	0 days	Wed 8/17/16							
89	Controls - Review / Approval	16 days	Wed 2/1/17	Tue 2/28/17	100%	0 days	Thu 10/6/16							
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							
115	Field Instrumentation - Fabrication/Delivery	55 days	Wed 2/1/17	Fri 8/11/17	100%	0 days	Tue 5/9/17							
97	Lathing - Fabrication/Delivery	16.25 days	Mon 2/6/17	Tue 7/18/17	100%	0 days	Mon 1/9/17							
96	Storm Drainage pipe & filter fabric - Fabrication/Delivery	50 days	Mon 2/13/17	Fri 4/21/17	100%	0 days	Wed 8/3/16							
114	Controls - Fabrication/Delivery	74 days	Tue 2/28/17	Fri 8/11/17	100%	0 days	Tue 5/9/17							
104	Above Ground Fuel Storage Tanks - Fabrication/Delivery	92.5 days	Wed 3/1/17	Tue 9/25/18	100%	0 days	Tue 2/14/17							
91	Precast Concrete Joist - Fabrication/Delivery	41 days	Mon 4/24/17	Fri 10/20/17	100%	0 days	Thu 11/17/16							
106	Beam Crane/Trolleys/Hoist - Fabrication/Delivery	101 days	Tue 6/20/17	Fri 11/10/17	100%	0 days	Tue 2/14/17							
49	Misc. Metals - Submittals	8 days	Fri 6/30/17	Wed 7/12/17	100%	0 days	Thu 9/15/16							
79	Misc. Metals - Review / Approval	33.9 days	Wed 9/13/17	Wed 7/18/18	100%	0 days	Thu 9/29/16							
98	Painting - Fabrication/Delivery	1 day	Mon 12/18/17	Mon 12/18/17	100%	0 days	Tue 1/17/17							
105	Misc. Metals - Fabrication/Delivery	9.8 days	Wed 12/20/17	Wed 9/5/18	100%	0 days	Tue 1/24/17							
103	Sump Pump - Fabrication/Delivery	41 days	Tue 1/16/18	Wed 5/2/18	100%	0 days	Tue 1/17/17							
116	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	Tue 1/15/19	100%	0 days	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							
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	Tue 11/22/16	100%	0 days	Tue 10/25/16							
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							
122	Replace existing 16" PV (V1) - Extra Work	11 days	Thu 12/8/16	Thu 12/22/16	100%	0 days	NA							
121	Plug 48" opening influent at PS	25 days	Mon 1/9/17	Mon 2/13/17	100%	0 days	Mon 10/17/16							
127	Install New Trench Drain and new Catch Basins # 1 & # 2	16 days	Mon 5/8/17	Tue 5/30/17	100%	0 days	Tue 11/1/16							
119	EXTRA WORK - New 30" Flowmeter Assembly and connection to existing 30" FM	68 days	Tue 5/1/18	Fri 8/3/18	100%	0 days	NA							
120	24" DIP By-pass branch main	5 days	Mon 8/6/18	Fri 8/10/18	100%	0 days	Thu 10/13/16							
125	16" Suction pipe from City of Hialeah Gardens to PS	4 days	Fri 8/10/18	Wed 8/15/18	100%	0 days	Fri 10/21/16							
124	Extra Work - Relocate water service and backflow preventor	4 days?	Thu 1/10/19	Tue 1/15/19	100%	0 days	NA							



MDWASD - PS418 - CPM Schedule - Time Impact Analysis as of 12-18-2019 (TIA)

ID	Task Name	Duration	Est Start	Est Finish	% Complete	Total Float	Baseline Finish	2016	2017	2018	2019	2020	2021	2022
128	<b>SELECTIVE DEMOLITION</b>	<b>229 days</b>	<b>Tue 2/14/17</b>	<b>Fri 1/19/18</b>	<b>100%</b>	<b>0 days</b>	<b>Wed 12/7/16</b>							
130	MES requested WASD to provide locations to deliver salvaged equipment/materials	1 day	Tue 2/14/17	Tue 2/14/17	100%	0 days	Wed 7/27/16							
129	Demolition	29 days	Mon 3/13/17	Thu 4/20/17	100%	0 days	Mon 11/7/16							
133	WASD provided locations to deliver salvaged equipment/materials	0 days	Wed 3/29/17	Wed 3/29/17	100%	0 days	Wed 7/27/16							
134	EXTRA WORK - Stop Sewage Influent from 30" Discharge Line	18 days	Mon 6/26/17	Thu 7/20/17	100%	0 days	NA							
132	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							
131	Demolition of existing fillet at Wet Well - Part # 2 of 3	20 days	Mon 9/18/17	Fri 10/13/17	100%	0 days	NA							
135	Demolition of existing fillet at Wet Well - Part # 3 of 3	20 days	Mon 10/16/17	Fri 11/10/17	100%	0 days	NA							
137	Remove concrete between old wet well and dry well for openings for access	11 days	Mon 11/27/17	Mon 12/11/17	100%	0 days	Wed 12/7/16							
136	Upgrade floor opening in Upper level for access to pumps	4 days	Tue 1/16/18	Fri 1/19/18	100%	0 days	Fri 12/2/16							
138	<b>CLEANING AND REPAIR OF WET WELL</b>	<b>44 days</b>	<b>Wed 2/15/17</b>	<b>Mon 4/17/17</b>	<b>100%</b>	<b>0 days</b>	<b>Mon 1/30/17</b>							
139	Pressure clean wet well	10 days	Wed 2/15/17	Tue 2/28/17	100%	0 days	Mon 12/12/16							
140	Sandblast wet well	5 days	Mon 3/6/17	Fri 3/10/17	100%	0 days	Mon 12/19/16							
141	Inspect wet well for structural damage	1 day	Fri 3/17/17	Fri 3/17/17	100%	0 days	Fri 12/23/16							
142	Restore/Repair concrete as directed by WASD	18 days	Thu 3/23/17	Mon 4/17/17	100%	0 days	Mon 1/30/17							
175	<b>ELECTRICAL ROOM AND GENERATOR ROOM ADDITION</b>	<b>680 days?</b>	<b>Fri 3/31/17</b>	<b>Tue 12/10/19</b>	<b>100%</b>	<b>0 days</b>	<b>Wed 3/28/18</b>							
176	MES notified WASD of potential unsuitable soils at the footing locations for the new building addition	1 day	Fri 3/31/17	Fri 3/31/17	100%	0 days	NA							
177	Soil Report for foundations by WASD	25 days	Sat 4/1/17	Fri 5/5/17	100%	0 days	NA							
199	Install electrical equipment (Switchgear / MCC)	26 days	Mon 5/1/17	Wed 8/22/18	100%	0 days	Wed 11/29/17							
200	Install electrical equipment (VFD's)	21.5 days	Mon 5/1/17	Tue 8/21/18	100%	0 days	Wed 1/24/18							
178	Additional excavation and imported fill for stabilization of footings area @ Mechanical Room	5 days	Mon 5/8/17	Fri 5/12/17	100%	0 days	NA							
180	Place footings/Foundation	34 days	Mon 5/15/17	Fri 6/30/17	100%	0 days	Thu 6/15/17							
179	Conflict with extc electric duct bank at footing @ Generator room	17 days	Tue 5/23/17	Thu 6/15/17	100%	0 days	NA							
183	Pour for footings cancelled due to unavailability of sign and seal soil reports by WASD	1 day	Tue 6/20/17	Thu 6/20/17	100%	0 days	NA							
181	Rebar inspection fail due to Hialeah inspector did not accept WASD sketch for the modified Generator #1 pad	1 day	Wed 6/21/17	Wed 6/21/17	100%	0 days	NA							
184	Concrete floor slab	18.4 days	Fri 7/21/17	Mon 8/21/17	100%	0 days	Fri 7/7/17							
182	Rebar inspection fail due requesting revised permit set of drawings	8 days	Wed 8/2/17	Fri 8/11/17	100%	0 days	NA							
186	Concrete tie columns	16 days	Mon 8/28/17	Fri 10/27/17	100%	0 days	Fri 8/4/17							
185	Lay concrete block	31 days	Fri 9/1/17	Wed 11/15/17	100%	0 days	Fri 7/21/17							
191	Concrete pad support for generators	12 days	Wed 9/20/17	Thu 10/5/17	100%	0 days	Wed 10/25/17							
187	Place psi joint	16.4 days	Mon 10/23/17	Thu 12/7/17	100%	0 days	Wed 8/9/17							
188	Tie Beams and roof slab	7 days	Wed 11/8/17	Thu 11/16/17	100%	0 days	Fri 9/1/17							
192	Install Generators 1 and 2	1 day	Mon 1/22/18	Mon 1/22/18	100%	0 days	Wed 11/8/17							
196	Install roof mounted muffler	24.65 days	Fri 1/26/18	Wed 8/15/18	100%	0 days	Tue 1/9/18							
190	Install windows , doors , glass block and louvers	18 days	Mon 1/29/18	Fri 10/12/18	100%	0 days	Mon 10/16/17							
189	Roofing system	24.2 days	Mon 3/19/18	Thu 9/13/18	100%	0 days	Mon 9/18/17							
198	Install HVAC system	14.25 days	Tue 4/10/18	Fri 7/6/18	100%	0 days	Mon 11/6/17							
204	Install lighting and grounding systems	31 days	Mon 6/11/18	Thu 9/20/18	100%	0 days	Wed 2/21/18							
211	Install plumbing Fixture	0 days	Mon 6/18/18	Tue 2/5/19	100%	0 days	Mon 3/19/18							
202	Install Instrumentation/Control - Panels	24 days	Thu 7/12/18	Wed 2/13/19	100%	0 days	Wed 3/31/18							
201	Install electrical equipment (Misc. panels)	0 days	Mon 7/23/18	Thu 8/30/18	100%	0 days	Wed 2/21/18							
193	Construct concrete pad for above-ground fuel tank	8 days	Fri 8/17/18	Mon 9/17/18	100%	0 days	Wed 11/22/17							
194	Install above ground 10,000 gallon fuel tank	1 day	Tue 9/25/18	Tue 9/25/18	100%	0 days	Fri 12/8/17							
205	Stucco / Lathing	5 days	Tue 10/2/18	Mon 10/8/18	100%	0 days	Thu 3/1/18							
197	Install air intake louvers and hoods for Generators 1 and 2	6 days	Tue 10/9/18	Tue 10/16/18	100%	0 days	Mon 1/15/18							
203	Install Instrumentation/control - End Devices	24.5 days	Tue 10/16/18	Fri 2/15/19	100%	0 days	Wed 3/14/18							
206	Painting	5 days	Fri 11/16/18	Thu 11/22/18	100%	0 days	Thu 3/15/18							
195	Install fuel piping between fuel tank and Generators 1 and 2	18 days	Mon 12/10/18	Wed 1/9/19	100%	0 days	Fri 12/15/17							
213	Install new Pump Hatch at Pump Control Room	3 days	Wed 12/12/18	Fri 12/14/18	100%	0 days	Mon 2/26/18							
207	Generator Testing - Operational Testing	3 days	Thu 4/11/19	Mon 4/15/19	100%	0 days	Mon 3/19/18							
209	Generator Testing - Load Bank Testing	1 day	Tue 4/16/19	Tue 4/16/19	100%	0 days	Tue 3/20/18							
221	Delay-Remove/Replace existing FPL Meter enclosure at FPL Transformer Room	2 days	Mon 5/27/19	Tue 5/28/19	100%	0 days	NA							
222	Testing - Electrical systems	38 days	Fri 5/31/19	Tue 7/23/19	100%	0 days	Tue 2/27/18							
216	Delay - Install additional lighting system at pipe gallery and motor room	27 days	Thu 6/13/19	Fri 7/19/19	100%	0 days	NA							
217	Delay - Pump/Motors missing Temp/Vib sensors	82 days	Thu 6/20/19	Fri 10/11/19	100%	0 days	NA							
218	Delay - Ball Control Valves Non-Functional Limit Switches	33 days?	Wed 10/23/19	Fri 12/6/19	100%	0 days	NA							



Critical Progress █ Task █ Task Progress █ Critical █ Milestone ◆

MDWASD - PS418 - CPM Schedule - Time Impact Analysis as of 12-18-2019 (TIA)

ID	Task Name	Duration	Est Start	Est Finish	% Complete	Total Float	Baseline Finish	2016	2017	2018	2019	2020	2021	2022
212	Delay - Modify Power Supply to HVAC Equipment	37 days	Mon 6/24/19	Tue 8/13/19	100%	0 days	NA							
214	Testing - Mechanical systems	3 days	Wed 8/14/19	Fri 8/16/19	100%	0 days	Tue 3/6/18							
215	Testing - Pumps & Motors	53 days	Tue 8/20/19	Thu 10/31/19	100%	0 days	Fri 3/9/18							
208	System Startup - Manual Operation & Divert Flows to new Booster Station	1 day	Thu 8/22/19	Thu 8/22/19	100%	0 days	NA							
220	Delay - Sewer Connection for the toilet & sump pumps discharge flow	61 days	Fri 9/13/19	Fri 12/6/19	100%	0 days	NA							
223	Testing - Instrumentation/Control systems	24 days	Mon 9/30/19	Thu 10/31/19	100%	0 days	Tue 3/20/18							
210	Generator Testing - Paralleling Testing	1 day	Thu 10/17/19	Thu 10/17/19	100%	0 days	Wed 3/21/18							
224	Startup/Commissioning	4 days	Tue 10/29/19	Fri 11/1/19	100%	0 days	Wed 3/28/18							
219	Delay - Manual Speed Control Potentiometer at Pump VFD LCD	16 days	Tue 11/19/19	Tue 12/10/19	100%	0 days	NA							
143	<b>INSTALL PIPING AT PUMP STATION</b>	<b>542 days</b>	<b>Thu 4/13/17</b>	<b>Wed 6/12/19</b>	<b>100%</b>	<b>0 days</b>	<b>Wed 8/30/17</b>							
150	MES informed WAsD of conflict with existing concrete fillet at bottom of wet well	0 days	Thu 4/13/17	Thu 4/13/17	100%	0 days	Mon 3/6/17							
151	WAsD evaluating solution for conflict with existing concrete fillet at bottom of wet well	36 days	Fri 4/14/17	Tue 6/13/17	100%	0 days	Mon 3/6/17							
161	Construct concrete slab at dry well cavity	16.4 days	Mon 7/24/17	Fri 8/18/17	100%	0 days	Wed 5/17/17							
152	Construct concrete slab at wet well cavity	4.5 days	Mon 11/13/17	Fri 11/17/17	100%	0 days	Mon 3/6/17							
162	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							
158	Design Modifications to the pump pier supports by WAsD	8 days	Mon 11/27/17	Wed 12/6/17	100%	0 days	NA							
154	Design Conflict at concrete pier pump base assemblies - STOP WORK	1 day	Fri 3/2/18	Fri 3/2/18	100%	0 days	NA							
156	Design Conflict at concrete pier pump base assemblies - Removal of base plate/Partial demo of piers/Redesign by WAsD, Rework & Reinstallation	9 days	Fri 3/2/18	Wed 4/4/18	100%	0 days	NA							
155	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							
160	Install 42"/24" DI suction manifold up to dry w	32 days	Mon 4/9/18	Wed 8/15/18	100%	0 days	Wed 4/26/17							
153	Construct pipe supports for influent pipes	0 days	Mon 5/7/18	Fri 6/8/18	100%	0 days	Mon 3/6/17							
167	Install 30"/20" DI discharge manifold with Vertical Pumps and Motors	40 days	Tue 6/26/18	Fri 2/15/19	100%	0 days	Fri 8/4/17							
145	Delay/Extra Work - Remove installed pumps & transportation to Manufacturer's facility for refurbishing	10 days	Mon 7/16/18	Fri 7/27/18	100%	0 days	NA							
148	Delay - Refurbish Pumps by Manufacturer's representative	45 days	Mon 7/30/18	Thu 12/6/18	100%	0 days	NA							
146	Upgrade traveling crane at Pump Control Room	1 day	Tue 9/4/18	Fri 9/7/18	100%	0 days	Tue 2/21/17							
159	Install wall pieces at 42" & 16" suction	16 days	Mon 9/10/18	Fri 10/12/18	100%	0 days	Mon 3/27/17							
166	Construct Stairs/Platforms	38 days	Mon 9/24/18	Wed 11/14/18	100%	0 days	Thu 6/22/17							
174	Install Hydraulic accumulator system in old Odor control Room	10 days	Mon 10/22/18	Fri 11/2/18	100%	0 days	Wed 8/30/17							
172	Install seal water system	3.75 days	Tue 10/23/18	Tue 2/5/19	100%	0 days	Fri 8/11/17							
147	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							
173	Install sump pumps	3 days	Wed 12/5/18	Fri 12/7/18	100%	0 days	Wed 8/16/17							
149	Delay - Test/Refurbish pump Motors by Manufacturer's representative (by others)	20 days	Thu 12/6/18	Fri 1/25/19	100%	0 days	NA							
163	Transport refurbished pumps from manufacturer's representative facility to jobsite (by others)	1 day	Thu 12/6/18	Thu 12/6/18	100%	0 days	NA							
164	Delay/Extra work - Reinstall refurbished pumps	3 days	Fri 12/7/18	Tue 12/11/18	100%	0 days	NA							
165	Delay - Transport pump motors from manufacturer's representative facility to jobsite (by others)	0 days	Tue 1/22/19	Tue 1/22/19	100%	0 days	NA							
157	Delay/Extra work - Install refurbished pump motors assemblies	18 days	Wed 1/23/19	Fri 2/15/19	100%	0 days	NA							
170	Delay - Missing motor connection devices (Owner's furnished equipment)	24 days	Thu 1/24/19	Fri 5/17/19	100%	0 days	NA							
169	Delay - City of Hialeah - Electrical Plans Revision	33 days	Sun 4/28/19	Wed 6/12/19	100%	0 days	NA							
144	FPL - Energize Power to new Booster Station	0 days	Wed 5/1/19	Thu 5/30/19	100%	0 days	NA							
171	Connect Motors to new electrical equipment	5 days	Mon 5/20/19	Fri 5/24/19	100%	0 days	Fri 8/11/17							
168	City of Hialeah - Final electrical Inspection (Temp for Test)	3 days	Mon 5/27/19	Wed 5/29/19	100%	0 days	NA							
225	<b>GRADING, PAVING AND OTHER MISCELLANEOUS WORK</b>	<b>344 days</b>	<b>Mon 8/6/18</b>	<b>Mon 12/9/19</b>	<b>100%</b>	<b>0 days</b>	<b>Thu 4/19/18</b>							
226	Modifications to existing Meter Vault	5 days	Mon 8/6/18	Fri 8/10/18	100%	0 days	Wed 4/4/18							
227	Site Grading	4 days	Mon 8/19/19	Thu 8/22/19	100%	0 days	Wed 4/11/18							
228	Site Paving	1 day	Fri 8/23/19	Fri 8/23/19	100%	0 days	Wed 4/18/18							
229	Sodding	1 day	Fri 12/6/19	Mon 12/9/19	100%	0 days	Thu 4/19/18							

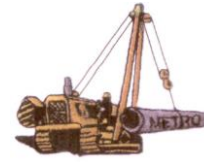
# Exhibit D

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# METRO EQUIPMENT SERVICE, INC.

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



January 18<sup>th</sup>, 2020

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

Letter # 1601-123

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.-

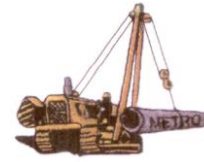
The Pumps and Motors delivered to the jobsite presented signs of deterioration of certain components as well as evidence of improper storage procedures for a very extended period of time at the Owner's facilities. Consequently, MDWASD decided to remove the Pumps and Motors from the jobsite and direct 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

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

### 3.- City of Hialeah Bldg. Dptm. Permit revision due to Electrical drawings redesign by MDWASD .-

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 facilities, 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.

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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)**

<b>Activity ID</b>	<b>Delay Description</b>	<b>Start Delay</b>	<b>End Delay</b>	<b>TOTAL Delay (CD)</b>
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	City 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	Install additional lighting system at pipe gallery and pump room	6/1/2019	7/19/2019	48
212	Modify Power Supply to HVAC Equipment	6/24/2019	8/13/2019	50
217	Missing Vibration/Temperature Sensors at Motor/Pump Assemblies	6/20/2019	10/11/2019	113
219	Manual Speed Potentiometer at Pump VFD LCP	11/19/2019	12/10/2019	21
220	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
<b>TOTAL DELAY DAYS (CALENDAR DAYS) :</b>				<b>734</b>
<b>NET DELAY DAYS (CALENDAR DAYS) PER CPM TIA as of 12-18-2019:</b>				<b>355</b>

**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

MDWASD - PS418 - CPM Schedule - Time Impact Analysis as of 12-18-2019 (TIA)

ID	Task Name	Duration	Est Start	Est Finish	% Complete	Total Float	Baseline Finish	2016	2017	2018	2019	2020	2021	2022
1	GENERAL ACTIVITES	889 days	Sat 5/28/16	Wed 12/18/16	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							
7	City of Hialeah - Building Permit	9 days	Fri 6/10/16	Wed 6/22/16	100%	0 days	Wed 7/27/16							
18	Pump Room Re-design	42 days	Tue 8/9/16	Thu 10/6/16	100%	0 days	Tue 10/25/16							
13	City of Hialeah - Completion of Sanitary Sewer Project	1 day	Thu 11/17/16	Thu 11/17/16	100%	0 days	Thu 9/15/16							
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							
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 Project Completion	0 days	Wed 2/8/17	Wed 2/8/17	100%	0 days	Wed 7/27/16							
15	Setup Field Office Trailer at School Board Easement	10 days	Mon 4/13/17	Fri 4/14/17	100%	0 days	Tue 10/25/16							
4	Contract Time Extension - 23 Days - Replace east 16" Valve	0 days	Wed 4/12/17	Wed 4/12/17	100%	0 days	Wed 7/27/16							
5	Contract Time Extension - 23 Days - Influent Pipe Infiltration	0 days	Wed 4/12/17	Wed 4/12/17	100%	0 days	Wed 7/27/16							
12	Rain Delay	5 days	Mon 6/5/17	Fri 6/9/17	100%	0 days	NA							
8	Hurricane Irma - Work Stoppage	6 days	Wed 9/6/17	Wed 9/13/17	100%	0 days	NA							
11	Rain Delay	1 day	Wed 10/4/17	Wed 10/4/17	100%	0 days	NA							
10	Rain Delay	1 day	Thu 10/5/17	Thu 10/5/17	100%	0 days	NA							
9	Rain Delay	1 day	Fri 10/6/17	Fri 10/6/17	100%	0 days	NA							
6	Contract Time Extension - 8 Days - Hurricane Irma Impacts	0 days	Tue 12/5/17	Tue 12/5/17	100%	0 days	Wed 7/27/16							
19	Time Extension - 92 Calendar days	0 days	Mon 1/15/18	Mon 1/15/18	100%	0 days	NA							
23	Contract Time Extension - 134 Days - Refurbishing of Pumps/Motors	0 days	Mon 12/17/18	Mon 12/17/18	100%	0 days	NA							
21	MD-DERM Certification - MDWASD submitted application	1 day	Tue 10/8/19	Tue 10/8/19	100%	0 days	NA							
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							
28	Project Close-out Documents	6 days	Wed 10/9/19	Mon 11/18/16	100%	0 days	Fri 4/27/18							
22	MD-DERM Certification - MD-DERM approval - Project is certified	1 day	Fri 10/11/19	Fri 10/11/19	100%	0 days	NA							
26	Owner's Training	0 days	Tue 10/29/19	Fri 11/8/19	100%	0 days	Thu 4/12/18							
24	Project Substantial Completion	1 day	Fri 11/8/19	Fri 11/8/19	100%	0 days	Thu 3/29/18							
25	Punch List	28 days	Mon 11/11/19	Wed 12/18/16	100%	0 days	Fri 4/27/18							
27	City of Hialeah Bldg Dptm - Final Inspection approved	1 day	Wed 12/18/19	Wed 12/18/16	100%	0 days	NA							
29	Project Final completion (Dec-18-2019)	1 day	Wed 12/18/19	Wed 12/18/16	100%	0 days	Sat 4/28/18							
30	SHOP DRAWINGS SUBMITTAL / REVIEW / APPROVAL	570 days	Mon 6/6/16	Tue 9/25/18	100%	0 days	Tue 5/9/17							
31	CPM Construction Schedule - Submittal	1 day	Mon 6/6/16	Mon 6/6/16	100%	0 days	Tue 6/7/16							
56	Standby Generator System - Submittal	1 day	Wed 6/8/16	Wed 6/8/16	100%	0 days	Tue 6/14/16							
57	Switchgear Medium Voltage - Submittal	1 day	Wed 6/8/16	Wed 6/8/16	100%	0 days	Tue 6/14/16							
61	CPM Construction Schedule - Review / Approval	48 days	Wed 6/8/16	Mon 8/15/16	100%	0 days	Tue 6/21/16							
86	Standby Generator System - Review / Approval	7 days	Thu 6/9/16	Mon 11/21/16	100%	0 days	Tue 6/28/16							
87	Switchgear Medium Voltage - Review / Approval	9.5 days	Thu 6/9/16	Wed 11/30/16	100%	0 days	Tue 6/28/16							
51	Pipe & Fittings - Submittal	1 day	Fri 6/10/16	Fri 6/10/16	100%	0 days	Tue 6/28/16							
52	Valves - Submittal	1 day	Mon 6/13/16	Mon 6/13/16	100%	0 days	Tue 6/28/16							
81	Pipe & Fittings - Review / Approval	32 days	Mon 6/13/16	Wed 7/27/16	100%	0 days	Wed 7/13/16							
82	Valves - Review / Approval	36 days	Tue 6/14/16	Wed 8/3/16	100%	0 days	Wed 7/13/16							
39	Precast Concrete Catch Basins - Submittals	1 day	Wed 6/15/16	Wed 6/15/16	100%	0 days	Wed 7/13/16							
69	Precast Concrete Catch Basins - Review / Approval	14 days	Thu 6/16/16	Wed 7/6/16	100%	0 days	Wed 7/27/16							
40	Storm Drainage pipe & filter fabric - Submittals	1 day	Fri 6/17/16	Fri 6/17/16	100%	0 days	Tue 6/28/16							
70	Storm Drainage pipe & filter fabric - Review / Approval	5 days	Mon 6/20/16	Fri 6/24/16	100%	0 days	Wed 7/20/16							
55	Electrical Equipment (Transformers/MCC/grounding/lighting/etc) - Submittal	1 day	Fri 7/1/16	Fri 7/1/16	100%	0 days	Wed 8/3/16							
58	VFD - Submittal	1 day	Fri 7/1/16	Fri 7/1/16	100%	0 days	Wed 7/13/16							
88	VFD - Review / Approval	16 days	Mon 7/4/16	Tue 1/24/17	100%	0 days	Wed 7/27/16							
85	Electrical Equipment (Transformers/MCC/grounding/lighting/etc) - Review / Approval	24 days	Tue 7/5/16	Fri 8/5/16	100%	0 days	Wed 8/17/16							
53	HVAC System - Submittals	1 day	Wed 7/6/16	Wed 7/6/16	100%	0 days	Wed 8/10/16							
83	HVAC System - Review / Approval	17 days	Thu 7/7/16	Fri 7/29/16	100%	0 days	Wed 8/24/16							
43	Louvers & vents - Submittal	1 day	Fri 7/22/16	Fri 7/22/16	100%	0 days	Thu 9/22/16							
48	Above Ground Fuel Storage Tanks - Submittals	1 day	Fri 7/22/16	Fri 7/22/16	100%	0 days	Thu 9/8/16							
54	Basic Electrical Materials (Conduits/wiring/disconnects) - Submittals	1 day	Fri 7/22/16	Fri 7/22/16	100%	0 days	Wed 8/10/16							
73	Louvers & vents - Review / Approval	7 days	Mon 7/25/16	Tue 8/2/16	100%	0 days	Thu 10/6/16							
78	Above Ground Fuel Storage Tanks - Review / Approval	38 days	Mon 7/25/16	Thu 9/15/16	100%	0 days	Thu 9/22/16							
84	Basic Electrical Materials (Conduits/Wiring/disconnects) - Review / Approval	10 days	Mon 7/25/16	Fri 8/5/16	100%	0 days	Wed 8/24/16							
32	Cast-in-place Concrete - Submittal	1 day	Fri 8/12/16	Fri 8/12/16	100%	0 days	Wed 8/24/16							
36	Concrete Masonry Units - Submittal	1 day	Fri 8/12/16	Fri 8/12/16	100%	0 days	Wed 8/24/16							
37	Glass Unit Masonry - Submittal	1 day	Fri 8/12/16	Fri 8/12/16	100%	0 days	Thu 9/8/16							
62	Cast-in-place Concrete - Review / Approval	46 days	Mon 8/15/16	Tue 4/11/17	100%	0 days	Thu 9/8/16							
66	Concrete Masonry Units - Review / Approval	18 days	Mon 8/15/16	Thu 9/8/16	100%	0 days	Thu 9/8/16							
67	Glass Unit Masonry - Review / Approval	18 days	Mon 8/15/16	Thu 9/8/16	100%	0 days	Thu 9/22/16							
60	Field Instrumentation - Submittals	1 day	Wed 8/17/16	Wed 8/17/16	100%	0 days	Thu 9/22/16							
90	Field Instrumentation - Review / Approval	16 days	Thu 8/18/16	Fri 9/9/16	100%	0 days	Thu 10/6/16							

MDWASD - PS418 - CPM Schedule - Time Impact Analysis as of 12-18-2019 (TIA)

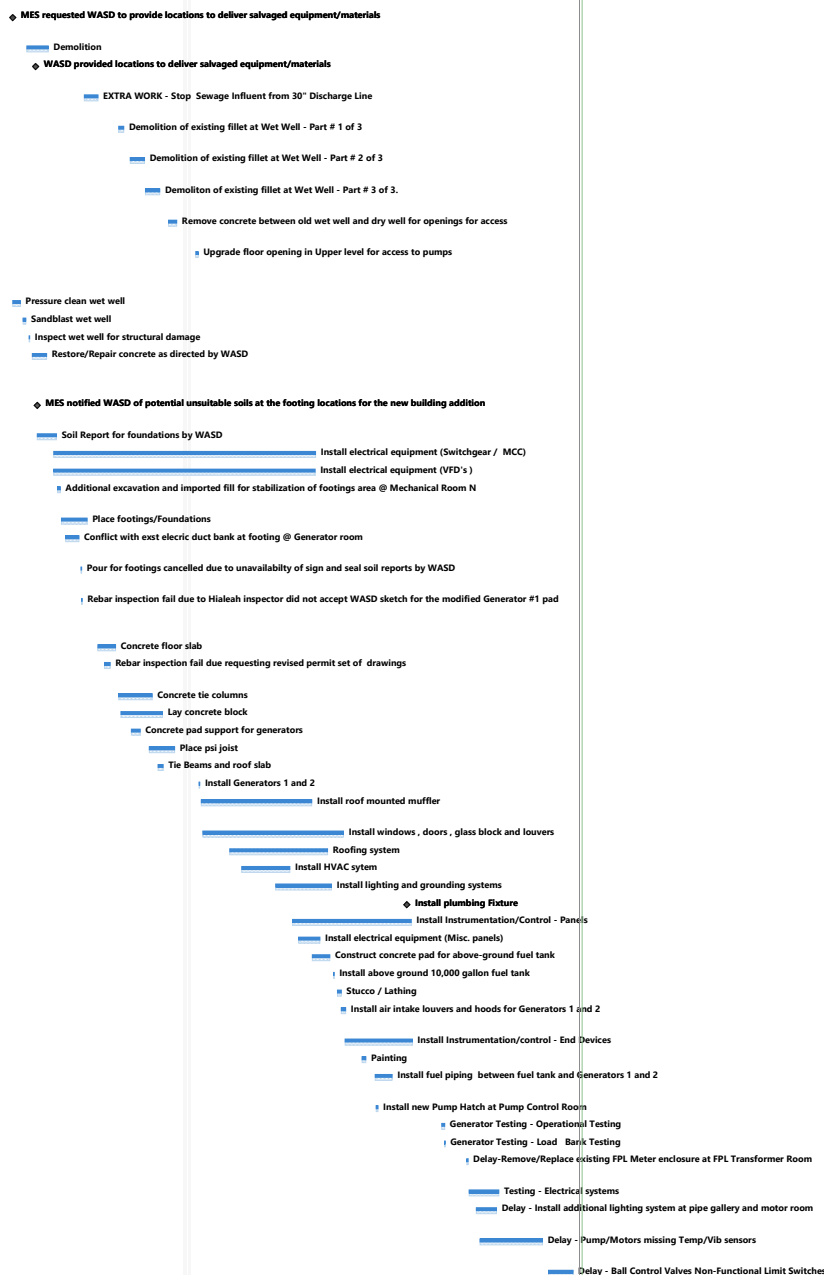
ID	Task Name	Duration	Est Start	Est Finish	% Complete	Total Float	Baseline Finish	2016	2017	2018	2019	2020	2021	2022
44	Vertical Centrifugal Sewage Pumps Submittals by MDWASD	1 day	Wed 9/28/16	Wed 9/28/16	100%	0 days	Tue 6/14/16							
45	Ball Valves Submittals by MDWASD	1 day	Wed 9/28/16	Wed 9/28/16	100%	0 days	Tue 6/14/16							
46	Hydraulic Accumulator System Submittals by MDWASD	1 day	Wed 9/28/16	Wed 9/28/16	100%	0 days	Tue 6/14/16							
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							
72	Painting - Review / Approval	5.5 days	Thu 9/29/16	Tue 11/22/16	100%	0 days	Mon 12/5/16							
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							
75	Ball Valves Review / Approval by MDWASD	5 days	Thu 9/29/16	Wed 10/5/16	100%	0 days	Tue 6/28/16							
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							
108	Valves - Fabrication/Delivery	53 days	Mon 10/3/16	Thu 3/23/17	100%	0 days	Thu 9/22/16							
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							
42	Painting - Submittals	1 day	Mon 10/24/16	Mon 10/24/16	100%	0 days	Thu 11/17/16							
34	Lightweight Insulating Concrete - Submittals	1 day	Wed 11/9/16	Wed 11/9/16	100%	0 days	Thu 9/15/16							
38	Roofing System - Submittals	1 day	Wed 11/9/16	Wed 11/9/16	100%	0 days	Thu 10/6/16							
41	Lathing - Submittals	1 day	Wed 11/9/16	Wed 11/9/16	100%	0 days	Thu 11/17/16							
50	Trolleys/Hoist - Submittals	0 days	Wed 11/9/16	Wed 11/9/16	100%	0 days	Thu 9/8/16							
64	Lightweight Insulating Concrete - Review / Approval	21 days	Thu 11/10/16	Tue 12/20/16	100%	0 days	Thu 9/29/16							
68	Roofing System - Review / Approval	21 days	Thu 11/10/16	Tue 12/20/16	100%	0 days	Thu 10/20/16							
71	Lathing - Review / Approval	21 days	Thu 11/10/16	Tue 12/20/16	100%	0 days	Mon 12/5/16							
80	Trolleys/Hoist - Review / Approval	7 days	Thu 11/10/16	Fri 11/18/16	100%	0 days	Thu 9/22/16							
100	Vertical Centrifugal Sewage Pumps - Fabrication/Delivery	93.5 days	Tue 11/15/16	Wed 4/12/17	100%	0 days	Mon 12/5/16							
101	Ball Valves - Fabrication/Delivery	48 days	Tue 11/15/16	Fri 3/17/17	100%	0 days	Thu 9/22/16							
102	Hydraulic Accumulator System - Fabrication/Delivery	48 days	Tue 11/15/16	Fri 3/17/17	100%	0 days	Thu 9/22/16							
33	Precast Concrete Joist - Submittals	1 day	Thu 11/17/16	Thu 11/17/16	100%	0 days	Thu 9/8/16							
63	Precast Concrete Joist - Review / Approval	54 days	Fri 11/18/16	Fri 4/21/17	100%	0 days	Thu 9/22/16							
111	Standby Generator System - Fabrication/Delivery	86.6 days	Mon 11/21/16	Fri 4/28/17	100%	0 days	Tue 2/28/17							
112	Switchgear Medium Voltage - Fabrication/Delivery	79.2 days	Wed 11/30/16	Fri 4/28/17	100%	0 days	Tue 1/31/17							
107	DIP Pipe & Fittings - Fabrication/Delivery	34 days	Mon 1/9/17	Wed 3/15/17	100%	0 days	Thu 9/8/16							
92	Glass Unit Masonry - Fabrication/Delivery	48.75 days	Tue 1/10/17	Tue 7/18/17	100%	0 days	Mon 12/12/16							
93	Firestopping Insulation - Fabrication/Delivery	40 days	Tue 1/10/17	Tue 7/18/17	100%	0 days	Thu 11/3/16							
94	Roofing System - Fabrication/Delivery	25.75 days	Tue 1/10/17	Tue 7/18/17	100%	0 days	Mon 11/28/16							
99	Louvers & vents - Fabrication/Delivery	72.55 days	Tue 1/10/17	Fri 7/14/17	100%	0 days	Tue 2/21/17							
109	Basic Electrical Materials (Conduits/Wiring/disconnects) - Fabrication/Delivery	5 days	Tue 1/10/17	Tue 6/20/17	100%	0 days	Thu 9/22/16							
59	Controls - Submittals	10 days	Wed 1/18/17	Tue 3/13/17	100%	0 days	Thu 9/22/16							
47	Sump Pump - Submittals	1 day	Tue 1/24/17	Tue 1/24/17	100%	0 days	Thu 10/20/16							
77	Sump Pump - Review / Approval	5 days	Wed 1/25/17	Tue 3/13/17	100%	0 days	Thu 11/3/16							
113	VFD - Fabrication/Delivery	62.8 days	Wed 1/25/17	Fri 4/28/17	100%	0 days	Tue 4/11/17							
95	Precast Concrete Catch Basins - Fabrication/Delivery	24 days	Mon 1/30/17	Thu 3/2/17	100%	0 days	Wed 8/17/16							
89	Controls - Review / Approval	16 days	Wed 2/1/17	Tue 2/28/17	100%	0 days	Thu 10/6/16							
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							
115	Field Instrumentation - Fabrication/Delivery	55 days	Wed 2/1/17	Fri 8/11/17	100%	0 days	Tue 5/9/17							
97	Lathing - Fabrication/Delivery	16.25 days	Mon 2/6/17	Tue 7/18/17	100%	0 days	Mon 1/9/17							
96	Storm Drainage pipe & filter fabric - Fabrication/Delivery	50 days	Mon 2/13/17	Fri 4/21/17	100%	0 days	Wed 8/3/16							
114	Controls - Fabrication/Delivery	74 days	Tue 2/28/17	Fri 8/11/17	100%	0 days	Tue 5/9/17							
104	Above Ground Fuel Storage Tanks - Fabrication/Delivery	92.5 days	Wed 3/1/17	Tue 9/25/18	100%	0 days	Tue 2/14/17							
91	Precast Concrete Joist - Fabrication/Delivery	41 days	Mon 4/24/17	Fri 10/20/17	100%	0 days	Thu 11/17/16							
106	Beam Crane/Trolleys/Hoist - Fabrication/Delivery	101 days	Tue 6/20/17	Fri 11/10/17	100%	0 days	Tue 2/14/17							
49	Misc. Metals - Submittals	8 days	Fri 6/30/17	Wed 7/12/17	100%	0 days	Thu 9/15/16							
79	Misc. Metals - Review / Approval	33.9 days	Wed 9/13/17	Wed 7/18/18	100%	0 days	Thu 9/29/16							
98	Painting - Fabrication/Delivery	1 day	Mon 12/18/17	Mon 12/18/17	100%	0 days	Tue 1/17/17							
105	Misc. Metals - Fabrication/Delivery	9.8 days	Wed 12/20/17	Wed 9/5/18	100%	0 days	Tue 1/24/17							
103	Sump Pump - Fabrication/Delivery	41 days	Tue 1/16/18	Wed 5/2/18	100%	0 days	Tue 1/17/17							
116	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	Tue 1/15/19	100%	0 days	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							
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	Tue 11/22/16	100%	0 days	Tue 10/25/16							
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							
122	Replace existing 16" PV (V1) - Extra Work	11 days	Thu 12/8/16	Thu 12/22/16	100%	0 days	NA							
121	Plug 48" opening influent at PS	25 days	Mon 1/9/17	Mon 2/13/17	100%	0 days	Mon 10/17/16							
127	Install New Trench Drain and new Catch Basins # 1 & # 2	16 days	Mon 5/8/17	Tue 5/30/17	100%	0 days	Tue 11/1/16							
119	EXTRA WORK - New 30" Flowmeter Assembly and connection to existing 30" FM	68 days	Tue 5/1/18	Fri 8/3/18	100%	0 days	NA							
120	24" DIP By-pass branch main	5 days	Mon 8/6/18	Fri 8/10/18	100%	0 days	Thu 10/13/16							
125	16" Suction pipe from City of Hialeah Gardens to PS	4 days	Fri 8/10/18	Wed 8/15/18	100%	0 days	Fri 10/21/16							
124	Extra Work - Relocate water service and backflow preventor	4 days?	Thu 1/10/19	Tue 1/15/19	100%	0 days	NA							





MDWASD - PS418 - CPM Schedule - Time Impact Analysis as of 12-18-2019 (TIA)

ID	Task Name	Duration	Est Start	Est Finish	% Complete	Total Float	Baseline Finish	2016	2017	2018	2019	2020	2021	2022
128	<b>SELECTIVE DEMOLITION</b>	<b>229 days</b>	<b>Tue 2/14/17</b>	<b>Fri 1/19/18</b>	<b>100%</b>	<b>0 days</b>	<b>Wed 12/7/16</b>							
130	MES requested WASD to provide locations to deliver salvaged equipment/materials	1 day	Tue 2/14/17	Tue 2/14/17	100%	0 days	Wed 7/27/16							
129	Demolition	29 days	Mon 3/13/17	Thu 4/20/17	100%	0 days	Mon 11/7/16							
133	WASD provided locations to deliver salvaged equipment/materials	0 days	Wed 3/29/17	Wed 3/29/17	100%	0 days	Wed 7/27/16							
134	EXTRA WORK - Stop Sewage Influent from 30" Discharge Line	18 days	Mon 6/26/17	Thu 7/20/17	100%	0 days	NA							
132	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							
131	Demolition of existing fillet at Wet Well - Part # 2 of 3	20 days	Mon 9/18/17	Fri 10/13/17	100%	0 days	NA							
135	Demolition of existing fillet at Wet Well - Part # 3 of 3	20 days	Mon 10/16/17	Fri 11/10/17	100%	0 days	NA							
137	Remove concrete between old wet well and dry well for openings for access	11 days	Mon 11/27/17	Mon 12/11/17	100%	0 days	Wed 12/7/16							
136	Upgrade floor opening in Upper level for access to pumps	4 days	Tue 1/16/18	Fri 1/19/18	100%	0 days	Fri 12/2/16							
138	<b>CLEANING AND REPAIR OF WET WELL</b>	<b>44 days</b>	<b>Wed 2/15/17</b>	<b>Mon 4/17/17</b>	<b>100%</b>	<b>0 days</b>	<b>Mon 1/30/17</b>							
139	Pressure clean wet well	10 days	Wed 2/15/17	Tue 2/28/17	100%	0 days	Mon 12/12/16							
140	Sandblast wet well	5 days	Mon 3/6/17	Fri 3/10/17	100%	0 days	Mon 12/19/16							
141	Inspect wet well for structural damage	1 day	Fri 3/17/17	Fri 3/17/17	100%	0 days	Fri 12/23/16							
142	Restore/Repair concrete as directed by WASD	18 days	Thu 3/23/17	Mon 4/17/17	100%	0 days	Mon 1/30/17							
175	<b>ELECTRICAL ROOM AND GENERATOR ROOM ADDITION</b>	<b>680 days?</b>	<b>Fri 3/31/17</b>	<b>Tue 12/10/19</b>	<b>100%</b>	<b>0 days</b>	<b>Wed 3/28/18</b>							
176	MES notified WASD of potential unsuitable soils at the footing locations for the new building addition	1 day	Fri 3/31/17	Fri 3/31/17	100%	0 days	NA							
177	Soil Report for foundations by WASD	25 days	Sat 4/1/17	Fri 5/5/17	100%	0 days	NA							
199	Install electrical equipment (Switchgear / MCC)	26 days	Mon 5/1/17	Wed 8/22/18	100%	0 days	Wed 11/29/17							
200	Install electrical equipment (VFD's)	21.5 days	Mon 5/1/17	Tue 8/21/18	100%	0 days	Wed 1/24/18							
178	Additional excavation and imported fill for stabilization of footings area @ Mechanical Room	5 days	Mon 5/8/17	Fri 5/12/17	100%	0 days	NA							
180	Place footings/Foundation	34 days	Mon 5/15/17	Fri 6/30/17	100%	0 days	Thu 6/15/17							
179	Conflict with extc electric duct bank at footing @ Generator room	17 days	Tue 5/23/17	Thu 6/15/17	100%	0 days	NA							
183	Pour for footings cancelled due to unavailability of sign and seal soil reports by WASD	1 day	Tue 6/20/17	Thu 6/20/17	100%	0 days	NA							
181	Rebar inspection fail due to Hialeah inspector did not accept WASD sketch for the modified Generator #1 pad	1 day	Wed 6/21/17	Wed 6/21/17	100%	0 days	NA							
184	Concrete floor slab	18.4 days	Fri 7/21/17	Mon 8/21/17	100%	0 days	Fri 7/7/17							
182	Rebar inspection fail due requesting revised permit set of drawings	8 days	Wed 8/2/17	Fri 8/11/17	100%	0 days	NA							
186	Concrete tie columns	16 days	Mon 8/28/17	Fri 10/27/17	100%	0 days	Fri 8/4/17							
185	Lay concrete block	31 days	Fri 9/1/17	Wed 11/15/17	100%	0 days	Fri 7/21/17							
191	Concrete pad support for generators	12 days	Wed 9/20/17	Thu 10/5/17	100%	0 days	Wed 10/25/17							
187	Place psi joint	16.4 days	Mon 10/23/17	Thu 12/7/17	100%	0 days	Wed 8/9/17							
188	Tie Beams and roof slab	7 days	Wed 11/8/17	Thu 11/16/17	100%	0 days	Fri 9/1/17							
192	Install Generators 1 and 2	1 day	Mon 1/22/18	Mon 1/22/18	100%	0 days	Wed 11/8/17							
196	Install roof mounted muffler	24.65 days	Fri 1/26/18	Wed 8/15/18	100%	0 days	Tue 1/9/18							
190	Install windows , doors , glass block and louvers	18 days	Mon 1/29/18	Fri 10/12/18	100%	0 days	Mon 10/16/17							
189	Roofing system	24.2 days	Mon 3/19/18	Thu 9/13/18	100%	0 days	Mon 9/18/17							
198	Install HVAC system	14.25 days	Tue 4/10/18	Fri 7/6/18	100%	0 days	Mon 11/6/17							
204	Install lighting and grounding systems	31 days	Mon 6/11/18	Thu 9/20/18	100%	0 days	Wed 2/21/18							
211	Install plumbing Fixture	0 days	Mon 6/18/18	Tue 2/5/19	100%	0 days	Mon 3/19/18							
202	Install Instrumentation/Control - Panels	24 days	Thu 7/12/18	Wed 2/13/19	100%	0 days	Wed 3/31/18							
201	Install electrical equipment (Misc. panels)	0 days	Mon 7/23/18	Thu 8/30/18	100%	0 days	Wed 2/21/18							
193	Construct concrete pad for above-ground fuel tank	8 days	Fri 8/17/18	Mon 9/17/18	100%	0 days	Wed 11/22/17							
194	Install above ground 10,000 gallon fuel tank	1 day	Tue 9/25/18	Tue 9/25/18	100%	0 days	Fri 12/8/17							
205	Stucco / Lathing	5 days	Tue 10/2/18	Mon 10/8/18	100%	0 days	Thu 3/1/18							
197	Install air intake louvers and hoods for Generators 1 and 2	6 days	Tue 10/9/18	Tue 10/16/18	100%	0 days	Mon 1/15/18							
203	Install Instrumentation/control - End Devices	24.5 days	Tue 10/16/18	Fri 2/15/19	100%	0 days	Wed 3/14/18							
206	Painting	5 days	Fri 11/16/18	Thu 11/22/18	100%	0 days	Thu 3/15/18							
195	Install fuel piping between fuel tank and Generators 1 and 2	18 days	Mon 12/10/18	Wed 1/9/19	100%	0 days	Fri 12/15/17							
213	Install new Pump Hatch at Pump Control Room	3 days	Wed 12/12/18	Fri 12/14/18	100%	0 days	Mon 2/26/18							
207	Generator Testing - Operational Testing	3 days	Thu 4/11/19	Mon 4/15/19	100%	0 days	Mon 3/19/18							
209	Generator Testing - Load Bank Testing	1 day	Tue 4/16/19	Tue 4/16/19	100%	0 days	Tue 3/20/18							
221	Delay-Remove/Replace existing FPL Meter enclosure at FPL Transformer Room	2 days	Mon 5/27/19	Tue 5/28/19	100%	0 days	NA							
222	Testing - Electrical systems	38 days	Fri 5/31/19	Tue 7/23/19	100%	0 days	Tue 2/27/18							
216	Delay - Install additional lighting system at pipe gallery and motor room	27 days	Thu 6/13/19	Fri 7/19/19	100%	0 days	NA							
217	Delay - Pump/Motors missing Temp/Vib sensors	82 days	Thu 6/20/19	Fri 10/11/19	100%	0 days	NA							
218	Delay - Ball Control Valves Non-Functional Limit Switches	33 days?	Wed 10/23/19	Fri 12/6/19	100%	0 days	NA							



Critical Progress █ Task █ Task Progress █ Critical █ Milestone ◆

MDWASD - PS418 - CPM Schedule - Time Impact Analysis as of 12-18-2019 (TIA)

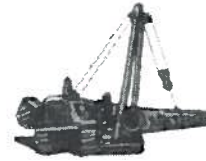
ID	Task Name	Duration	Est Start	Est Finish	% Complete	Total Float	Baseline Finish	2016	2017	2018	2019	2020	2021	2022
212	Delay - Modify Power Supply to HVAC Equipment	37 days	Mon 6/24/19	Tue 8/13/19	100%	0 days	NA							
214	Testing - Mechanical systems	3 days	Wed 8/14/19	Fri 8/16/19	100%	0 days	Tue 3/6/18							
215	Testing - Pumps & Motors	53 days	Tue 8/20/19	Thu 10/31/19	100%	0 days	Fri 3/9/18							
208	System Startup - Manual Operation & Divert Flows to new Booster Station	1 day	Thu 8/22/19	Thu 8/22/19	100%	0 days	NA							
220	Delay - Sewer Connection for the toilet & sump pumps discharge flow	61 days	Fri 9/13/19	Fri 12/6/19	100%	0 days	NA							
223	Testing - Instrumentation/Control systems	24 days	Mon 9/30/19	Thu 10/31/19	100%	0 days	Tue 3/20/18							
210	Generator Testing - Paralleling Testing	1 day	Thu 10/17/19	Thu 10/17/19	100%	0 days	Wed 3/21/18							
224	Startup/Commissioning	4 days	Tue 10/29/19	Fri 11/1/19	100%	0 days	Wed 3/28/18							
219	Delay - Manual Speed Control Potentiometer at Pump VFD LCD	16 days	Tue 11/19/19	Tue 12/10/19	100%	0 days	NA							
143	<b>INSTALL PIPING AT PUMP STATION</b>	<b>542 days</b>	<b>Thu 4/13/17</b>	<b>Wed 6/12/19</b>	<b>100%</b>	<b>0 days</b>	<b>Wed 8/30/17</b>							
150	MES informed WAsD of conflict with existing concrete fillet at bottom of wet well	0 days	Thu 4/13/17	Thu 4/13/17	100%	0 days	Mon 3/6/17							
151	WAsD evaluating solution for conflict with existing concrete fillet at bottom of wet well	36 days	Fri 4/14/17	Tue 6/13/17	100%	0 days	Mon 3/6/17							
161	Construct concrete slab at dry well cavity	16.4 days	Mon 7/24/17	Fri 8/18/17	100%	0 days	Wed 5/17/17							
152	Construct concrete slab at wet well cavity	4.5 days	Mon 11/13/17	Fri 11/17/17	100%	0 days	Mon 3/6/17							
162	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							
158	Design Modifications to the pump pier supports by WAsD	8 days	Mon 11/27/17	Wed 12/6/17	100%	0 days	NA							
154	Design Conflict at concrete pier pump base assemblies - STOP WORK	1 day	Fri 3/2/18	Fri 3/2/18	100%	0 days	NA							
156	Design Conflict at concrete pier pump base assemblies - Removal of base plate/Partial demo of piers/Redesign by WAsD, Rework & Reinstallation	9 days	Fri 3/2/18	Wed 4/4/18	100%	0 days	NA							
155	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							
160	Install 42"/24" DI suction manifold up to dry w	32 days	Mon 4/9/18	Wed 8/15/18	100%	0 days	Wed 4/26/17							
153	Construct pipe supports for influent pipes	0 days	Mon 5/7/18	Fri 6/8/18	100%	0 days	Mon 3/6/17							
167	Install 30"/20" DI discharge manifold with Vertical Pumps and Motors	40 days	Tue 6/26/18	Fri 2/15/19	100%	0 days	Fri 8/4/17							
145	Delay/Extra Work - Remove installed pumps & transportation to Manufacturer's facility for refurbishing	10 days	Mon 7/16/18	Fri 7/27/18	100%	0 days	NA							
148	Delay - Refurbish Pumps by Manufacturer's representative	45 days	Mon 7/30/18	Thu 12/6/18	100%	0 days	NA							
146	Upgrade traveling crane at Pump Control Room	1 day	Tue 9/4/18	Fri 9/7/18	100%	0 days	Tue 2/21/17							
159	Install wall pieces at 42" & 16" suction	16 days	Mon 9/10/18	Fri 10/12/18	100%	0 days	Mon 3/27/17							
166	Construct Stairs/Platforms	38 days	Mon 9/24/18	Wed 11/14/18	100%	0 days	Thu 6/22/17							
174	Install Hydraulic accumulator system in old Odor control Room	10 days	Mon 10/22/18	Fri 11/2/18	100%	0 days	Wed 8/30/17							
172	Install seal water system	3.75 days	Tue 10/23/18	Tue 2/5/19	100%	0 days	Fri 8/11/17							
147	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							
173	Install sump pumps	3 days	Wed 12/5/18	Fri 12/7/18	100%	0 days	Wed 8/16/17							
149	Delay - Test/Refurbish pump Motors by Manufacturer's representative (by others)	20 days	Thu 12/6/18	Fri 1/25/19	100%	0 days	NA							
163	Transport refurbished pumps from manufacturer's representative facility to jobsite (by others)	1 day	Thu 12/6/18	Thu 12/6/18	100%	0 days	NA							
164	Delay/Extra work - Reinstall refurbished pumps	3 days	Fri 12/7/18	Tue 12/11/18	100%	0 days	NA							
165	Delay - Transport pump motors from manufacturer's representative facility to jobsite (by others)	0 days	Tue 1/22/19	Tue 1/22/19	100%	0 days	NA							
157	Delay/Extra work - Install refurbished pump motors assemblies	18 days	Wed 1/23/19	Fri 2/15/19	100%	0 days	NA							
170	Delay - Missing motor connection devices (Owner's furnished equipment)	24 days	Thu 1/24/19	Fri 5/17/19	100%	0 days	NA							
169	Delay - City of Hialeah - Electrical Plans Revision	33 days	Sun 4/28/19	Wed 6/12/19	100%	0 days	NA							
144	FPL - Energize Power to new Booster Station	0 days	Wed 5/1/19	Thu 5/30/19	100%	0 days	NA							
171	Connect Motors to new electrical equipment	5 days	Mon 5/20/19	Fri 5/24/19	100%	0 days	Fri 8/11/17							
168	City of Hialeah - Final electrical Inspection (Temp for Test)	3 days	Mon 5/27/19	Wed 5/29/19	100%	0 days	NA							
225	<b>GRADING, PAVING AND OTHER MISCELLANEOUS WORK</b>	<b>344 days</b>	<b>Mon 8/6/18</b>	<b>Mon 12/9/19</b>	<b>100%</b>	<b>0 days</b>	<b>Thu 4/19/18</b>							
226	Modifications to existing Meter Vault	5 days	Mon 8/6/18	Fri 8/10/18	100%	0 days	Wed 4/4/18							
227	Site Grading	4 days	Mon 8/19/19	Thu 8/22/19	100%	0 days	Wed 4/11/18							
228	Site Paving	1 day	Fri 8/23/19	Fri 8/23/19	100%	0 days	Wed 4/18/18							
229	Sodding	1 day	Fri 12/6/19	Mon 12/9/19	100%	0 days	Thu 4/19/18							

# Exhibit E

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# METRO EQUIPMENT SERVICE, INC.

9415 SW 72<sup>nd</sup> Street, Suite 131 Miami, FL 33173  
(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

PA  
OK  
03/26/18








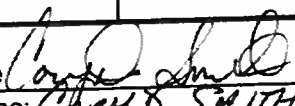




General Contractor  
 14031 SW 143RD Court - Unit 6  
 Miami, Florida 33186  
 Phone: (305) 255-6067 Fax: (786) 430-1747  
 Email: Office@cicdinc.com

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

Date 28-Aug-17

Job Name:		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
<b>1</b>	<b>Labor</b>			
	General Manager	Hr	-	
	Superintendent	Hr	2.00	
	Foreman	Hr	-	
	Operator Skid Steer/Bobcat	Hr	-	
	Labor with hand tools	Hr	16.00	
	Labor	Hr	-	
<b>2</b>	<b>Equipment</b>			
	Excavator	Hr	-	
	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>2</b>	<b>Material</b>			
	Diesel	Gal	10.00	
	Debris Removal	Loads		
Signature 		Signature 		
Print Name: Juan Carlos Moreno		Print Name: CHAD D. SMITH		

FA OK  
 08/26/18


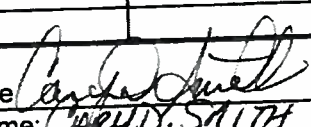


General Contractor  
 14031 SW 143RD Court - Unit 6  
 Miami, Florida 33186  
 Phone: (305) 255-6067 Fax: (786) 430-1747  
 Email: Office@cicdinc.com

Date 29-Aug-17

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

Demolition Fillet

Job Name:		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
1	<b>Labor</b>			
	General Manager	Hr		
	Superintend	Hr	2.00	
	Foreman	Hr	-	
	Operator Skid Steer/Bobcat	Hr	-	
	Labor with hand tools	Hr	16.00	
	Labor	Hr	-	
2	<b>Equipment</b>			
	Excavator	Hr	-	
	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	<b>Material</b>			
	Diesel	Gl	10.00	
	Debris Removal	Loads	-	
Signature 		Signature 		
Print Name: Juan Carlos Moreno		Print Name: CARLOS SMITH		


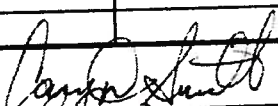
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 03/20/18



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 EQUIPMENT SERVICES, INC**  
**PUMP STATION 0418**

Date 30-Aug-17

Job Name:		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
1	<b>Labor</b>			
	General Manager	Hr		
	Superintend	Hr	2.00	
	Foreman	Hr	-	
	Operator Skid Steer/Bobcat	Hr	-	
	Labor with hand tools	Hr	16.00	
	Labor	Hr	-	
2	<b>Equipment</b>			
	Excavator	Hr	-	
	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	<b>Material</b>			
	Diesel	Gl	10.00	
	Debris Removal	Loads	-	
Signature 		Signature 		
Print Name: Juan Carlos Moreno		Print Name: CARL D. SMITH		

PA OK  
 08/26/18


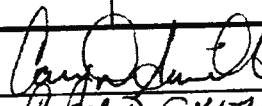


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Proposal Submitted to:  
**METRO EQUIPMENT SERVICES, INC**  
**PUMP STATION 0418**

Date

31-Aug-17

<b>Job Name:</b>		Demolition Fillet			
ITEM	DESCRIPTION	Unit	Quantity		
<b>1 Labor</b>					
	General Manager	Hr			
	Superintent	Hr	2.00		
	Foreman	Hr	-		
	Operator Skid Steer/Bobcat	Hr	-		
	Labor with hand tools	Hr	16.00		
	Labor	Hr	-		
<b>2 Equipment</b>					
	Excavator	Hr	-		
	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>2 Material</b>					
	Diesel	Gl	10.00		
	Debris Removal	Loads	1.00		
Signature 		Signature 			
Print Name: Juan Carlos Moreno		Print Name: Daniel D. SMITH			


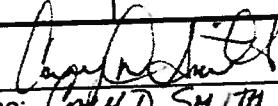
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08/26/17



General Contractor  
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 Email: Office@cicdinc.com

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

Date 1-Sep-17

<b>Job Name:</b>		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
<b>1</b>	<b>Labor</b>			
	General Manager	Hr		
	Superintend	Hr	2.00	
	Foreman	Hr	-	
	Operator Skid Steer/Bobcat	Hr	8.00	
	Labor with hand tools	Hr	16.00	
	Labor	Hr	-	
<b>2</b>	<b>Equipment</b>			
	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	
			-	
<b>2</b>	<b>Material</b>			
	Diesel	Gl	10.00	
	Debris Removal	Loads	-	
Signature 		Signature 		
Print Name: Juan Carlos Moreno		Print Name: Cary D. Smith		

FA OK  
09/26/18


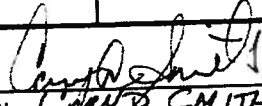




General Contractor  
 14031 SW 143RD Court - Unit 6  
 Miami, Florida 33186  
 Phone: (305) 255-6067 Fax: (786) 430-1747  
 Email: Office@cicdinc.com

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

Date 5-Sep-17

Job Name:		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
1	<b>Labor</b>			
	General Manager	Hr		
	Superintendent	Hr	2.00	
	Foreman	Hr	-	
	Operator Skid Steer/Bobcat	Hr	-	
	Labor with hand tools	Hr	24.00	
	Labor	Hr	-	
2	<b>Equipment</b>			
	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	<b>Material</b>			
	Diesel	Gl	20.00	
	Debris Removal	Loads	-	
Signature 		Signature 		
Print Name: Juan Carlos Moreno		Print Name: <u>CARY D. SMITH</u>		


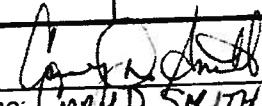
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General Contractor  
 14031 SW 143RD Court - Unit 6  
 Miami, Florida 33186  
 Phone: (305) 255-6067 Fax: (786) 430-1747  
 Email: Office@cicdinc.com

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

Date 14-Sep-17

Job Name:		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
1	<b>Labor</b>			
	General Manager	Hr		
	Superintend	Hr	2.00	
	Foreman	Hr	-	
	Operator Skid Steer/Bobcat	Hr	-	
	Labor with hand tools	Hr	16.00	
	Labor	Hr	-	
2	<b>Equipment</b>			
	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	<b>Material</b>			
	Diesel	Gl	20.00	
	Debris Removal	Loads	-	
Signature 		Signature 		
Print Name: Juan Carlos Moreno		Print Name: Corey D. SMITH		


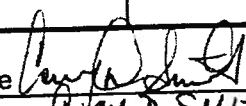
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 03/26/18



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 EQUIPMENT SERVICES, INC**  
**PUMP STATION 0418**

Date 15-Sep-17

<b>Job Name:</b>		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
<b>1</b>	<b>Labor</b>			
	General Manager	Hr		
	Superintendent	Hr	2.00	
	Foreman	Hr	-	
	Operator Skid Steer/Bobcat	Hr	8.00	
	Labor with hand tools	Hr	16.00	
	Labor	Hr	-	
<b>2</b>	<b>Equipment</b>			
	Excavator	Hr	8.00	
	Skid Loader	Hr	8.00	
	Diesel Air Compressor	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>2</b>	<b>Material</b>			
	Diesel	Gl	20.00	
	Debris Removal	Loads	-	
Signature 		Signature 		
Print Name: Juan Carlos Moreno		Print Name: Corey D. SMITH		

FA OK  
03/24/18

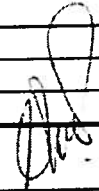
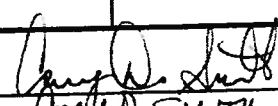


General Contractor  
 14031 SW 143RD Court - Unit 6  
 Miami, Florida 33186  
 Phone: (305) 255-6067 Fax: (786) 430-1747  
 Email: Office@cicdinc.com

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

Date

18-Sep-17

<b>Job Name:</b>		Demolition Fillet			
ITEM	DESCRIPTION	Unit	Quantity		
<b>1 Labor</b>					
	General Manager	Hr			
	Superintend	Hr	2.00		
	Foreman	Hr	8.00		
	Operator Skid Steer/Bobcat	Hr	-		
	Labor with hand tools	Hr	32.00		
	Labor	Hr	-		
<b>2 Equipment</b>					
	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		
			-		
<b>2 Material</b>					
	Diesel	Gl	20.00		
	Debris Removal	Loads	-		
Signature 		Signature 			
Print Name: Juan Carlos Moreno		Print Name: Juan D. Smith			

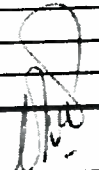
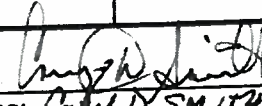
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General Contractor  
 14031 SW 143RD Court - Unit 6  
 Miami, Florida 33186  
 Phone: (305) 255-6067 Fax: (786) 430-1747  
 Email: Office@cicdinc.com

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

Date 19-Sep-17

Job Name:		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
1	<b>Labor</b>			
	General Manager	Hr		
	Superintendent	Hr	2.00	
	Foreman	Hr	8.00	
	Operator Skid Steer/Bobcat	Hr	-	
	Labor with hand tools	Hr	24.00	
	Labor	Hr	-	
2	<b>Equipment</b>			
	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	<b>Material</b>			
	Diesel	Gl	20.00	
	Debris Removal	Loads	-	
Signature 		Signature 		
Print Name: Juan Carlos Moreno		Print Name: Carlos D. SMITH		


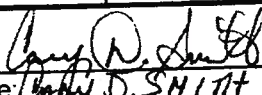
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 09/26/18



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

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

Date 26-Sep-17

Job Name:		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
1	<b>Labor</b>			
	General Manager	Hr		
	Superintend	Hr	2.00	
	Foreman	Hr	3.00	
	Operator Skid Steer/Bobcat	Hr	4.00	
	Labor with hand tools	Hr	24.00	
	Labor	Hr	-	
2	<b>Equipment</b>			
	Excavator	Hr	8.00	
	Skid Loader	Hr	8.00	
	Diesel Air Compressor	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	<b>Material</b>			
	Diesel	Gl	20.00	
	Debris Removal	Loads	-	
Signature 		Signature 		
Print Name: Juan Carlos Moreno		Print Name: Andy D. SMITH		


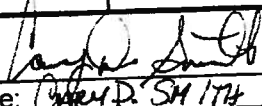
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General Contractor  
 14031 SW 143RD Court - Unit 6  
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 Phone: (305) 255-6067 Fax: (786) 430-1747  
 Email: Office@cicdinc.com

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

Date 27-Sep-17

Job Name:		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
<b>1</b>	<b>Labor</b>			
	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	-	
<b>2</b>	<b>Equipment</b>			
	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	
<b>2</b>	<b>Material</b>			
	Diesel	Gl	20.00	
	Debris Removal	Loads	-	
Signature 		Signature 		
Print Name: Juan Carlos Moreno		Print Name: Juan D. Smith		

PA OK  
 09/26/18




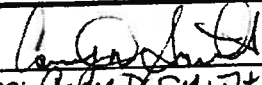


General Contractor  
 14031 SW 143RD Court - Unit 6  
 Miami, Florida 33186  
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 Email: Office@cicdinc.com

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

Date

28-Sep-17

<b>Job Name:</b>		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
<b>1</b>	<b>Labor</b>			
	General Manager	Hr		
	Superintend	Hr	-	
	Foreman	Hr	3.00	
	Operator Skid Steer/Bobcat	Hr	8.00	
	Labor with hand tools	Hr	24.00	
	Labor	Hr		
<b>2</b>	<b>Equipment</b>			
	Excavator	Hr	8.00	
	Skid Loader	Hr	8.00	
	Diesel Air Compressor	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>2</b>	<b>Material</b>			
	Diesel	Gl	20.00	
	Debris Removal	Loads	-	
Signature 		Signature 		
Print Name: Juan Carlos Moreno		Print Name: Cary J. SMITH		

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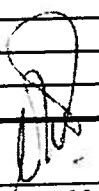
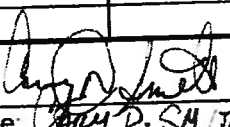


General Contractor  
 14031 SW 143RD Court - Unit 6  
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 Email: Office@cicdinc.com

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

Date

29-Sep-17

<b>Job Name:</b>		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
<b>1</b>	<b>Labor</b>			
	General Manager	Hr		
	Superintendent	Hr	-	
	Foreman	Hr	-	
	Operator Skid Steer/Bobcat	Hr	7.00	
	Labor with hand tools	Hr	14.00	
	Labor	Hr	-	
<b>2</b>	<b>Equipment</b>			
	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	
<b>2</b>	<b>Material</b>			
	Diesel	Gl	20.00	
	Debris Removal	Loads	-	
Signature 		Signature 		
Print Name: Juan Carlos Moreno		Print Name: Cathy D. Smith		


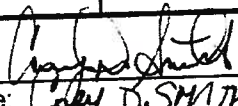
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General Contractor  
 14031 SW 143RD Court - Unit 6  
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 Phone: (305) 255-6067 Fax: (786) 430-1747  
 Email: Office@cicdinc.com

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

Date OCTOBER 2

Job Name:		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
1	<b>Labor</b>			
	General Manager	Hr	-	
	Superintendent	Hr	-	
	Foreman	Hr	3.00	
	Operator Skid Steer/Bobcat	Hr	8.00	
	Labor with hand tools	Hr	24.00	
	Labor	Hr	-	
2	<b>Equipment</b>			
	Excavator	Hr	8.00	
	Skid Loader	Hr	8.00	
	Diesel Air Compressor	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" grinder	Hr	16.00	
	24" Hydraulic Concrete Saw	Hr	8.00	
(3) Breaker Pavement Air 60#	Hr	24.00		
2	<b>Material</b>			
	Diesel	Gl	20.00	
	Debris Removal	Loads	-	
Signature 		Signature 		
Print Name: Juan Carlos Moreno		Print Name: Robert D. Smith		


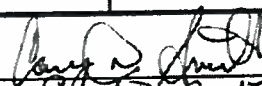
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 03/26/12



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 EQUIPMENT SERVICES, INC**  
**PUMP STATION 0418**

Date OCTOBER 3

<b>Job Name:</b>		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
<b>1 Labor</b>				
	General Manager	Hr	-	
	Superintendent	Hr	-	
	Foreman	Hr	1.00	
	Operator Skid Steer/Bobcat	Hr	-	
	Labor with hand tools	Hr	3.00	
	Labor	Hr	-	
<b>2 Equipment</b>				
	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	
			-	
<b>2 Material</b>				
	Diesel	Gal	20.00	
	Debris Removal	Loads	-	
Signature 		Signature 		
Print Name: Juan Carlos Moreno		Print Name: Carlos D. SMITH		

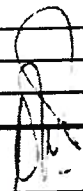
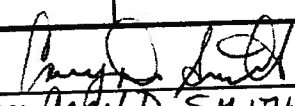
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General Contractor  
 14031 SW 143RD Court - Unit 6  
 Miami, Florida 33186  
 Phone: (305) 255-6067 Fax: (786) 430-1747  
 Email: Office@cicdinc.com

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

Date OCTOBER 4

<b>Job Name:</b>		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
1	<b>Labor</b>			
	General Manager	Hr	-	
	Superintend	Hr	-	
	Foreman	Hr	3.00	
	Operator Skid Steer/Bobcat	Hr	8.00	
	Labor with hand tools	Hr	24.00	
	Labor	Hr	-	
2	<b>Equipment</b>			
	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	<b>Material</b>			
	Diesel	Gl	20.00	
	Debris Removal	Loads	1.00	
Signature  Print Name: Juan Carlos Moreno		Signature  Print Name: Cary D Smith		

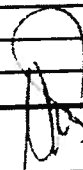
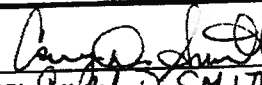
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General Contractor  
 14031 SW 143RD Court - Unit 6  
 Miami, Florida 33186  
 Phone: (305) 255-6067 Fax: (786) 430-1747  
 Email: Office@cicdinc.com

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

Date OCTOBER 5

Job Name:		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
1	<b>Labor</b>			
	General Manager	Hr	-	
	Superintend	Hr	2.00	
	Foreman	Hr	3.00	
	Operator Skid Steer/Bobcat	Hr	8.00	
	Labor with hand tools	Hr	24.00	
	Labor	Hr	-	
2	<b>Equipment</b>			
	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	<b>Material</b>			
	Diesel	Gl	20.00	
	Debris Removal	Loads	-	
Signature 		Signature 		
Print Name: Juan Carlos Moreno		Print Name: Carlos D. SMITH		

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 09/26/18

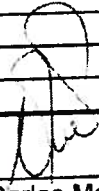
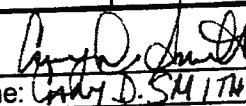




General Contractor  
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 Email: Office@cicdinc.com

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

Date OCTOBER 6

Job Name:		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
1	<b>Labor</b>			
	General Manager	Hr	-	
	Superintend	Hr	2.00	
	Foreman	Hr	3.00	
	Operator Skid Steer/Bobcat	Hr	8.00	
	Labor with hand tools	Hr	24.00	
	Labor	Hr	-	
2	<b>Equipment</b>			
	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	<b>Material</b>			
	Diesel	Gl	20.00	
	Debris Removal	Loads	-	
Signature 		Signature 		
Print Name: Juan Carlos Moreno		Print Name: Andy D. SMITH		

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 09/29/18


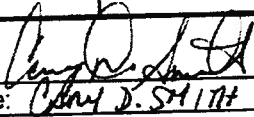




General Contractor  
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 Email: Office@cicdinc.com

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

Date OCTOBER 9

<b>Job Name:</b>		Demolition Fillet			
ITEM	DESCRIPTION	Unit	Quantity		
<b>1</b>	<b>Labor</b>				
	General Manager	Hr	-		
	Superintent	Hr	2.00		
	Foreman	Hr	3.00		
	Operator Skid Steer/Bobcat	Hr	8.00		
	Labor with hand tools	Hr	24.00		
	Labor	Hr	-		
<b>2</b>	<b>Equipment</b>				
	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		
			-		
<b>2</b>	<b>Material</b>				
	Diesel	Gl	20.00		
	Debris Removal	Loads	-		
Signature  Print Name: Juan Carlos Moreno		Signature  Print Name: Carlos J. Smith			

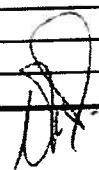
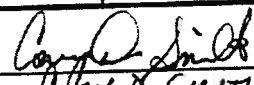
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General Contractor  
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 Miami, Florida 33186  
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 Email: Office@cicdinc.com

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

Date OCTOBER 10

Job Name:		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
1	<b>Labor</b>			
	General Manager	Hr	-	
	Superintent	Hr	2.00	
	Foreman	Hr	2.00	
	Operator Skid Steer/Bobcat	Hr	8.00	
	Labor with hand tools	Hr	18.00	
	Labor	Hr	-	
2	<b>Equipment</b>			
	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	<b>Material</b>			
	Diesel	Gl	20.00	
	Debris Removal	Loads	-	
Signature 		Signature 		
Print Name: Juan Carlos Moreno		Print Name: Robert D. SMITH		


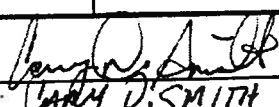
PA-OK  
 09/26/18



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 EQUIPMENT SERVICES, INC**  
**PUMP STATION 0418**

Date OCTOBER 11

<b>Job Name:</b>		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
<b>1</b>	<b>Labor</b>			
	General Manager	Hr	-	
	Superintendent	Hr	2.00	
	Foreman	Hr	-	
	Operator Skid Steer/Bobcat	Hr	8.00	
	Labor with hand tools	Hr	20.00	
	Labor	Hr	-	
<b>2</b>	<b>Equipment</b>			
	Excavator	Hr	8.00	
	Skid Loader	Hr	8.00	
	Diesel Air Compressor	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>2</b>	<b>Material</b>			
	Diesel	Gal	20.00	
	Debris Removal	Loads	1.00	
Signature 		Signature 		
Print Name: Juan Carlos Moreno		Print Name: GARY D. SMITH		


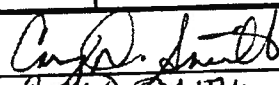
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General Contractor  
 14031 SW 143RD Court - Unit 6  
 Miami, Florida 33186  
 Phone: (305) 255-6067 Fax: (786) 430-1747  
 Email: Office@cicdinc.com

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

Date OCTOBER 12

<b>Job Name:</b>		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
<b>1</b>	<b>Labor</b>			
	General Manager	Hr	-	
	Superintendent	Hr	2.00	
	Foreman	Hr	-	
	Operator Skid Steer/Bobcat	Hr	8.00	
	Labor with hand tools	Hr	24.00	
	Labor	Hr	-	
<b>2</b>	<b>Equipment</b>			
	Excavator	Hr	8.00	
	Skid Loader	Hr	8.00	
	Diesel Air Compressor	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>2</b>	<b>Material</b>			
	Diesel	Gal	20.00	
	Debris Removal	Loads	-	
Signature 		Signature 		
Print Name: Juan Carlos Moreno		Print Name: C. D. SMITH		


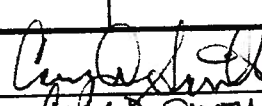
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General Contractor  
 14031 SW 143RD Court - Unit 6  
 Miami, Florida 33186  
 Phone: (305) 255-6067 Fax: (786) 430-1747  
 Email: Office@cicdinc.com

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

Date OCTOBER 13

<b>Job Name:</b>		Demolition Fillet			
ITEM	DESCRIPTION	Unit	Quantity		
<b>1</b>	<b>Labor</b>				
	General Manager	Hr	-		
	Superintend	Hr	2.00		
	Foreman	Hr	-		
	Operator Skid Steer/Bobcat	Hr	8.00		
	Labor with hand tools	Hr	24.00		
	Labor	Hr	-		
<b>2</b>	<b>Equipment</b>				
	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		
<b>2</b>	<b>Material</b>				
	Diesel	Gl	20.00		
	Debris Removal	Loads	-		
Signature 		Signature 			
Print Name: Juan Carlos Moreno		Print Name: Cary D. SMITH			


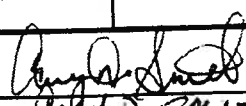
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03/24/18



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 EQUIPMENT SERVICES, INC**  
**PUMP STATION 0418**

Date OCTOBER 16

Job Name:		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
<b>1</b>	<b>Labor</b>			
	General Manager	Hr	-	
	Superintendent	Hr	2.00	
	Foreman	Hr	-	
	Operator Skid Steer/Bobcat	Hr	8.00	
	Labor with hand tools	Hr	24.00	
	Labor	Hr	-	
<b>2</b>	<b>Equipment</b>			
	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	
			-	
<b>2</b>	<b>Material</b>			
	Diesel	Gl	20.00	
	Debris Removal	Loads	-	
Signature 		Signature 		
Print Name: Juan Carlos Moreno		Print Name: Carlos D. SMITH		

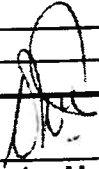
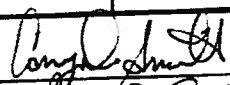
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 03/24/18



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 EQUIPMENT SERVICES, INC**  
**PUMP STATION 0418**

Date OCTOBER 17

<b>Job Name:</b>		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
<b>1</b>	<b>Labor</b>			
	General Manager	Hr	-	
	Superintendent	Hr	2.00	
	Foreman	Hr	-	
	Operator Skid Steer/Bobcat	Hr	8.00	
	Labor with hand tools	Hr	24.00	
	Labor	Hr	-	
<b>2</b>	<b>Equipment</b>			
	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	
			-	
<b>2</b>	<b>Material</b>			
	Diesel	Gal	20.00	
	Debris Removal	Loads	-	
Signature 		Signature 		
Print Name: <u>Juan Carlos Moreno</u>		Print Name: <u>GARY D. SMITH</u>		

PA-OK  
03/26/18






General Contractor  
 14031 SW 143RD Court - Unit 6  
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 Phone: (305) 255-6067 Fax: (786) 430-1747  
 Email: Office@cicdinc.com


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

Date OCTOBER 18

Job Name: Demolition Fillet

ITEM	DESCRIPTION	Unit	Quantity
<b>1</b>	<b>Labor</b>		
	General Manager	Hr	-
	Superintendent	Hr	2.00
	Foreman	Hr	-
	Operator Skid Steer/Bobcat	Hr	8.00
	Labor with hand tools	Hr	16.00
	Labor	Hr	-
<b>2</b>	<b>Equipment</b>		
	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
			-
<b>2</b>	<b>Material</b>		
	Diesel	Gl	20.00
	Debris Removal	Loads	-

Signature   
 Print Name: Juan Carlos Moreno

Signature   
 Print Name: CARY D. SMITH


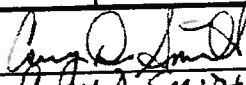
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General Contractor  
 14031 SW 143RD Court - Unit 6  
 Miami, Florida 33186  
 Phone: (305) 255-6067 Fax: (786) 430-1747  
 Email: Office@cidinc.com

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

Date OCTOBER 19

<b>Job Name:</b>		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
<b>1</b>	<b>Labor</b>			
	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	-	
<b>2</b>	<b>Equipment</b>			
	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	
				-
<b>2</b>	<b>Material</b>			
	Diesel	Gl	20.00	
	Debris Removal	Loads	-	
Signature  Print Name: Juan Carlos Moreno		Signature  Print Name: Cary J. Smith		

FA OK  
03/26/18



General Contractor  
 14031 SW 143RD Court - Unit 6  
 Miami, Florida 33186  
 Phone: (305) 255-6067 Fax: (786) 430-1747  
 Email: Office@cicdinc.com

Date OCTOBER 20

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

Job Name:		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
<b>1</b>	<b>Labor</b>			
	General Manager	Hr	-	
	Superintendent	Hr	2.00	
	Foreman	Hr	-	
	Operator Skid Steer/Bobcat	Hr	8.00	
	Labor with hand tools	Hr	24.00	
	Labor	Hr	-	
<b>2</b>	<b>Equipment</b>			
	Excavator	Hr	8.00	
	Skid Loader	Hr	8.00	
	Diesel Air Compressor	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>2</b>	<b>Material</b>			
	Diesel	Gal	20.00	
	Debris Removal	Loads	-	
Signature _____ Print Name: <u>Juan Carlos Moreno</u>		Signature Print Name: <u>Cheryl D SMITH</u>		


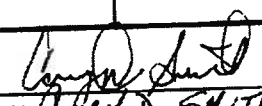
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03/26/18



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 EQUIPMENT SERVICES, INC**  
**PUMP STATION 0418**

Date OCTOBER 23

Job Name:		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
<b>1</b>	<b>Labor</b>			
	General Manager	Hr	-	
	Superintendent	Hr	2.00	
	Foreman	Hr	-	
	Operator Skid Steer/Bobcat	Hr	8.00	
	Labor with hand tools	Hr	24.00	
	Labor	Hr	-	
<b>2</b>	<b>Equipment</b>			
	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	
			-	
<b>2</b>	<b>Material</b>			
	Diesel	Gl	20.00	
	Debris Removal	Loads	1.00	
Signature 		Signature 		
Print Name: Juan Carlos Moreno		Print Name: <u>CARY D. SMITH</u>		


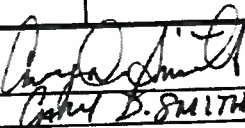
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General Contractor  
 14031 SW 143RD Court - Unit 6  
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 Email: Office@cicdinc.com

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

Date OCTOBER 24

<b>Job Name:</b>		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
<b>1</b>	<b>Labor</b>			
	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	-	
<b>2</b>	<b>Equipment</b>			
	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	
				-
<b>2</b>	<b>Material</b>			
	Diesel	Gl	20.00	
	Debris Removal	Loads	-	
Signature 		Signature 		
Print Name: <u>Juan Carlos Moreno</u>		Print Name: <u>Robert D. Smith</u>		

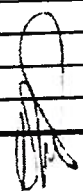
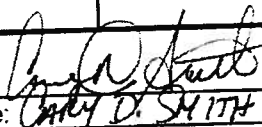
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General Contractor  
 14031 SW 143RD Court - Unit 6  
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 Email: Office@cidinc.com

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

Date OCTOBER 25

<b>Job Name:</b>		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
<b>1</b>	<b>Labor</b>			
	General Manager	Hr	-	
	Superintendent	Hr	2.00	
	Foreman	Hr	-	
	Operator Skid Steer/Bobcat	Hr	8.00	
	Labor with hand tools	Hr	24.00	
	Labor	Hr	-	
<b>2</b>	<b>Equipment</b>			
	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	
				-
<b>2</b>	<b>Material</b>			
	Diesel	Gl	20.00	
	Debris Removal	Loads	-	
Signature  Print Name: Juan Carlos Moreno		Signature  Print Name: Andy D. Smith		


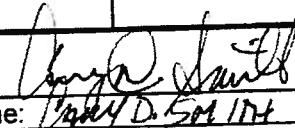
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General Contractor  
 14031 SW 143RD Court - Unit 6  
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 Email: Office@cicdinc.com

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

Date OCTOBER 26

<b>Job Name:</b>		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
<b>1</b>	<b>Labor</b>			
	General Manager	Hr	-	
	Superintendent	Hr	2.00	
	Foreman	Hr	-	
	Operator Skid Steer/Bobcat	Hr	8.00	
	Labor with hand tools	Hr	16.00	
	Labor	Hr	-	
<b>2</b>	<b>Equipment</b>			
	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	
<b>2</b>	<b>Material</b>			
	Diesel	Gl	20.00	
	Debris Removal	Loads	-	
Signature 		Signature 		
Print Name: Juan Carlos Moreno		Print Name: Andy D. Smith		

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 02/26/18


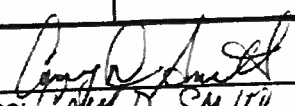




General Contractor  
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 Email: Office@cicdinc.com

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

Date OCTOBER 27

Job Name:		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
<b>1</b>	<b>Labor</b>			
	General Manager	Hr	-	
	Superintend	Hr	2.00	
	Foreman	Hr	-	
	Operator Skid Steer/Bobcat	Hr	8.00	
	Labor with hand tools	Hr	24.00	
	Labor	Hr	-	
<b>2</b>	<b>Equipment</b>			
	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	
			-	
<b>2</b>	<b>Material</b>			
	Diesel	Gl	20.00	
	Debris Removal	Loads	-	
Signature 		Signature 		
Print Name: Juan Carlos Moreno		Print Name: Carlos D. Smith		

PA OK  
 03/26/18



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 EQUIPMENT SERVICES, INC**  
**PUMP STATION 0418**

Date OCTOBER 30

<b>Job Name:</b>		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
<b>1</b>	<b>Labor</b>			
	General Manager	Hr	-	
	Superintend	Hr		
	Foreman	Hr	-	
	Operator Skid Steer/Bobcat	Hr	1.00	
	Labor with hand tools	Hr		
	Labor	Hr	-	
<b>2</b>	<b>Equipment</b>			
	Excavator	Hr	1.00	
	Skid Loader	Hr		
	Diesel Air Compresor	Hr		
	(2) Hammer 3/4" Air Impact	Hr		
	Gas Detector	Hr		
	Personal Retrieval System	Hr		
	(2) 12" Fan	Hr		
	2" Sumersible Pump	Hr		
	(2) 4 1/2" grainder	Hr		
	24" Hydraulic Concrete Saw	Hr		
	(3) Breaker Pavement Air 60#	Hr		
<b>2</b>	<b>Material</b>			
	Diesel	Gl		
	Debris Removal	Loads	1.00	
Signature		Signature		
Print Name: <u>Juan Carlos Moreno</u>		Print Name: <u>DM</u>		

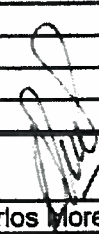
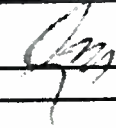
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General Contractor  
 14031 SW 143RD Court - Unit 6  
 Miami, Florida 33186  
 Phone: (305) 255-6067 Fax: (786) 430-1747  
 Email: Office@cicdinc.com

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

Date **NOVEMBER 1**

Job Name:		Demolition Fillet			
ITEM	DESCRIPTION	Unit	Quantity		
<b>1</b>	<b>Labor</b>				
	General Manager	Hr			
	Superintent	Hr	2.00		
	Foreman	Hr	-		
	Operator Skid Steer/Bobcat	Hr	4.00		
	Labor with hand tools	Hr	24.00		
	Labor	Hr	-		
<b>2</b>	<b>Equipment</b>				
	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		
			-		
<b>2</b>	<b>Material</b>				
	Diesel	Gl	20.00		
	Debris Removal	Loads	-		
Signature 		Signature 			
Print Name: Juan Carlos Moreno		Print Name: Juan Carlos Moreno			

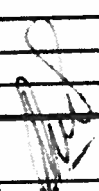

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General Contractor  
 14031 SW 143RD Court - Unit 6  
 Miami, Florida 33186  
 Phone: (305) 255-6067 Fax: (786) 430-1747  
 Email: Office@cidinc.com

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

Date NOVEMBER 2

<b>Job Name:</b>		Demolition Fillet			
ITEM	DESCRIPTION	Unit	Quantity		
<b>1 Labor</b>					
	General Manager	Hr			
	Superintendent	Hr	2.00		
	Foreman	Hr	-		
	Operator Skid Steer/Bobcat	Hr	-		
	Labor with hand tools	Hr	24.00		
	Labor	Hr	-		
<b>2 Equipment</b>					
	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		
			-		
<b>2 Material</b>					
	Diesel	GI	20.00		
	Truck Pickup 20cy	LS	-		
Signature 		Signature 			
Print Name: Juan Carlos Moreno		Print Name: Omar Martinez			

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 03/26/18






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 EQUIPMENT SERVICES, INC**  
**PUMP STATION 0418**

Date NOVEMBER 3

**Job Name:** Demolition Fillet

ITEM	DESCRIPTION	Unit	Quantity		
1	<b>Labor</b>				
	General Manager	Hr			
	Superintent	Hr	2.00		
	Foreman	Hr	-		
	Operator Skid Steer/Bobcat	Hr	-		
	Labor with hand tools	Hr	16.00		
	Labor	Hr	-		
2	<b>Equipment</b>				
	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	<b>Material</b>				
	Diesel	GI	20.00		
	Truck Pickup 20cy	LS	-		

Signature   
 Print Name: Juan Carlos Moreno

Signature   
 Print Name: Omar Martinez

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 03/26/18



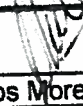
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 Miami, Florida 33186  
 Phone: (305) 255-6067 Fax: (786) 430-1747  
 Email: Office@cicdinc.com


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

Date NOVEMBER 6

Job Name: Demolition Fillet

ITEM	DESCRIPTION	Unit	Quantity		
<b>1</b>	<b>Labor</b>				
	General Manager	Hr			
	Superintendent	Hr	2.00		
	Foreman	Hr	-		
	Operator Skid Steer/Bobcat	Hr	4.00		
	Labor with hand tools	Hr	24.00		
	Labor	Hr	-		
<b>2</b>	<b>Equipment</b>				
	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		
			-		
<b>2</b>	<b>Material</b>				
	Diesel	GI	20.00		
	Truck Pickup 20cy	LS	-		

Signature   
 Print Name: Juan Carlos Moreno

Signature   
 Print Name: Omar Martinez

*PA OK 03/26/18*



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 EQUIPMENT SERVICES, INC**  
**PUMP STATION 0418**

Date NOVEMBER 7

Job Name: Demolition Fillet

ITEM	DESCRIPTION	Unit	Quantity
<b>1</b>	<b>Labor</b>		
	General Manager	Hr	
	Superintend	Hr	2.00
	Foreman	Hr	-
	Operator Skid Steer/Bobcat	Hr	4.00
	Labor with hand tools	Hr	24.00
	Labor	Hr	-
<b>2</b>	<b>Equipment</b>		
	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
			-
<b>2</b>	<b>Material</b>		
	Diesel	GI	20.00
	Truck Pickup 20cy	LS	-

Signature   
 Print Name: Juan Carlos Moreno

Signature   
 Print Name: Ana Martinez

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 09/26/18





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 EQUIPMENT SERVICES, INC**  
**PUMP STATION 0418**

Date **NOVEMBER 8**

Job Name: **Demolition Fillet**

ITEM	DESCRIPTION	Unit	Quantity		
<b>1</b>	<b>Labor</b>				
	General Manager	Hr			
	Superintendent	Hr	2.00		
	Foreman	Hr	-		
	Operator Skid Steer/Bobcat	Hr	2.00		
	Labor with hand tools	Hr	24.00		
	Labor	Hr	-		
<b>2</b>	<b>Equipment</b>				
	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		
			-		
<b>2</b>	<b>Material</b>				
	Diesel	GI	20.00		
	Truck Pickup 20cy	LS	-		

Signature   
 Print Name: **Juan Carlos Moreno**

Signature   
 Print Name: **Juan Carlos Moreno**

OK PA  
 03/26/12



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 EQUIPMENT SERVICES, INC**  
**PUMP STATION 0418**

Date **NOVEMBER 9**

Job Name: **Demolition Fillet**

ITEM	DESCRIPTION	Unit	Quantity		
<b>1</b>	<b>Labor</b>				
	General Manager	Hr			
	Superintendent	Hr	2.00		
	Foreman	Hr	-		
	Operator Skid Steer/Bobcat	Hr	4.00		
	Labor with hand tools	Hr	24.00		
	Labor	Hr	-		
<b>2</b>	<b>Equipment</b>				
	Excavator	Hr	8.00		
	Skid Loader	Hr	8.00		
	Diesel Air Compressor	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>2</b>	<b>Material</b>				
	Diesel	GI	20.00		
	Truck Pickup 20cy	LS	-		

Signature   
 Print Name: **Juan Carlos Moreno**

Signature   
 Print Name: **Oscar Martinez**

*OK PA  
 03/26/12*



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 EQUIPMENT SERVICES, INC**  
**PUMP STATION 0418**

Date **NOVEMBER 10**

<b>Job Name:</b>		Demolition Fillet		
ITEM	DESCRIPTION	Unit	Quantity	
<b>1</b>	<b>Labor</b>			
	General Manager	Hr		
	Superintendent	Hr	2.00	
	Foreman	Hr	-	
	Operator Skid Steer/Bobcat	Hr	4.00	
	Labor with hand tools	Hr	24.00	
	Labor	Hr	-	
<b>2</b>	<b>Equipment</b>			
	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	
			-	
<b>2</b>	<b>Material</b>			
	Diesel	GI	20.00	
	Truck Pickup 20cy	LS	-	
Signature		Signature		
Print Name: Juan Carlos Moreno		Print Name: Juan Carlos Moreno		

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09/26/18

# EquipmentWatch.

www.equipmentwatch.com

All prices shown in US\$

## Rental Rate Blue Book®

September 6, 2017

**Volvo ECR235DL**  
Crawler Mounted Hydraulic Excavators



Size Class:  
24.1 - 28.0 MTons  
Weight:  
N/A

### Configuration for ECR235DL

Bucket Capacity - Heaped: 1.9 cu yd  
Power Mode: Diesel  
Net Horsepower: 172 hp  
Operating Weight: 27.18 mt

### Blue Book Rates

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

Published Rates	Ownership Costs				Estimated Operating Costs Hourly	FHWA Rate** Hourly
	Monthly	Weekly	Daily	Hourly		
Published Rates	\$9,545.00	\$2,675.00	\$670.00	\$100.00	\$49.63	\$103.83
Adjustments						
Region (100%)	.	.	.	.		
Model Year (2017: 100%)	.	.	.	.		
Ownership (100%)	.	.	.	.		
Operating (100%)	.	.	.	.		
<b>Total:</b>	<b>\$9,545.00</b>	<b>\$2,675.00</b>	<b>\$670.00</b>	<b>\$100.00</b>	<b>\$49.63</b>	<b>\$103.83</b>

### Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	36%	\$3,436.20/mo
Overhaul (ownership)	49%	\$4,677.05/mo
CFC (ownership)	7%	\$668.15/mo
Indirect (ownership)	8%	\$763.60/mo
Fuel (operating) @ 2.53	37%	\$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.

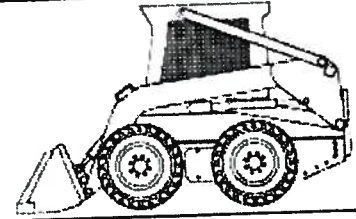
The equipment represented in this report has been exclusively prepared for DANIEL GONZALEZ (DG@MESINC.US)

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## 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: Diesel  
Operator Protection: ROPS/FOPS  
Net Horsepower: 50 hp  
Operating Capacity (SAE): 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 Hourly	FHWA Rate** Hourly
	Monthly	Weekly	Daily	Hourly		
Published Rates	\$2,205.00	\$615.00	\$155.00	\$23.00	\$12.95	\$25.48
<b>Adjustments</b>						
Region (100%)	-	-	-	-		
Model Year (1999: 100%)	-	-	-	-		
Ownership (100%)	-	-	-	-		
Operating (100%)					\$12.95	\$25.48
<b>Total:</b>	<b>\$2,205.00</b>	<b>\$615.00</b>	<b>\$155.00</b>	<b>\$23.00</b>		

### Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	22%	\$485.10/mo
Overhaul (ownership)	66%	\$1,453.30/mo
CFC (ownership)	4%	\$88.20/mo
Indirect (ownership)	8%	\$176.40/mo
Fuel (operating) @ 2.53	36%	\$4.68/lr

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.

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**Rental Rate Blue Book®**
**Sullivan-Palatek D210Q6JD**  
 Portable Rotary Screw Air Compressors

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

**Configuration for D210Q6JD**

Rated Pressure @ PSI	125	Horsepower	80
Power Mode	Diesel	Air Delivery Rating	210 cu ft/min

**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 Hourly	FHWA Rate** Hourly
	Monthly	Weekly	Daily	Hourly		
Published Rates	\$705.00	\$195.00	\$49.00	\$7.00	\$10.80	\$14.81
<b>Adjustments</b>						
Region (100%)	-	-	-	-		
Model Year (2017: 100%)	-	-	-	-		
Ownership (100%)	-	-	-	-		
Operating (100%)					\$10.80	\$14.81
<b>Total:</b>	<b>\$705.00</b>	<b>\$195.00</b>	<b>\$49.00</b>	<b>\$7.00</b>		

**Rate Element Allocation**

Element	Percentage	Value
Depreciation (ownership)	24%	\$169.20/mo
Overhaul (ownership)	66%	\$465.30/mo
CFC (ownership)	4%	\$28.20/mo
Indirect (ownership)	6%	\$42.30/mo
Fuel (operating) @ 2.53	67%	\$7.29/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@MESINC.US)

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03/26/18



**Rental Rate Blue Book®**
**Miscellaneous 10"**

Duct Blowers &amp; Fans-Portable

 Size Class:  
 ALL  
 Weight:  
 N/A

Model Image

**Configuration for 10"**

Drive	<b>Direct</b>	Power Mode	<b>Electric</b>
Req. HP	<b>5</b>	CFM	<b>50</b>
Type	<b>Inline</b>		

**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 Hourly	FHWA Rate** Hourly
	Monthly	Weekly	Daily	Hourly		
Published Rates	\$50.00	\$14.00	\$4.00	\$0.60	\$0.20	\$0.48
<b>Adjustments</b>						
Region (100%)	-	-	-	-		
Model Year (2017: 100%)	-	-	-	-		
Ownership (100%)	-	-	-	-		
Operating (100%)					\$0.20	\$0.48
<b>Total:</b>	<b>\$50.00</b>	<b>\$14.00</b>	<b>\$4.00</b>	<b>\$0.60</b>	<b>\$0.20</b>	<b>\$0.48</b>

**Rate Element Allocation**

Element	Percentage	Value
Depreciation (ownership)	29%	\$14.50/mo
Overhaul (ownership)	61%	\$30.50/mo
CFC (ownership)	4%	\$2.00/mo
Indirect (ownership)	6%	\$3.00/mo

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.

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**Rental Rate Blue Book®**
**Miscellaneous 10-26SPC**  
 Concrete Saws

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

Model Image

**Configuration for 10-26SPC**

Maximum Cutting Depth	10.625	Maximum Cutting Depth	10.625
Blade Capacity Diameter	26 in	Blade Capacity Diameter	26 in
Type	Concrete	Type	Concrete
Horsepower	25	Horsepower	25

**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 Hourly	FHWA Rate** Hourly
	Monthly	Weekly	Daily	Hourly		
Published Rates	\$755.00	\$210.00	\$53.00	\$8.00	\$7.65	\$11.94
Adjustments						
Region (100%)	-	-	-	-		
Model Year (2018: 100%)	-	-	-	-		
Ownership (100%)	-	-	-	-		
Operating (100%)					\$7.65	\$11.94
<b>Total:</b>	<b>\$755.00</b>	<b>\$210.00</b>	<b>\$53.00</b>	<b>\$8.00</b>	<b>\$7.65</b>	<b>\$11.94</b>

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

**Rate Element Allocation**

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

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.

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(/)

EQUIPMENT (/EQUIPMENT/)

YOUR CART

LOCATIONS (/LOCATIONS/) MY ACCOUNT  
Hi, please sign in! SOLUTIONS (/SERVICES/) (800) 667-9328  
24/7 Support (TEL: 1-800-667-9328)

SERVICES (/#) ABOUT (/ABOUT/)

# CART INDUSTRIES (/INDUSTRIES/)

SAFETY (/CUSTOMERSERVICE/SAFETY/)

4" - 5" GRINDER

1 [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.

Feedback

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*02/26/18  
PA OK*

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**Rental Rate Blue Book®**

January 30, 2018

**Miscellaneous 55WET**

Hand-Held Rock Drills (Jackhammers)

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.

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

**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%	\$90.50/mo
CFC (ownership)	4%	\$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 OK  
 03/24/18

# Time and Material Record

## Construction Section-Date: 8/28/2017



Contract <u>CD 5.01</u>	Contract Description: <u>PUMP STATION 418 UPGRADE</u>
ER #: <u>S049008</u>	Contractor: <u>METRO E.S.</u> Location: <u>PS418</u>

Company : <u>METRO E.S.</u>	Labor		
Classification	Qty.	Names (Hours)	Total hrs
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers	2	David Esteba(8)David Remez(8)	16
	0		0
	0		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)Intertek 12"Utility Blow	STFJ-30	16
24"Core Cut	Hydraulic Saw HS- H	8			
(3)Jack Hammer	Kent-20R	24			

Materials			
Description	Quantity	Description	Quantity
Diesel Fuel	10 Gal		

Work Performed by Contractor or Subcontractor	
Company Name	Description of Work Completed
<u>C &amp; I CONSTRUCTIONS</u>	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 _____ print name <u>Pedro Angel</u> signature print name <u>Cary Smith</u> <b>PMCM Representative</b>	signature print name <b>Juan Carlos Moreno</b> position: <b>Superintendent</b>  _____ <b>Contractor Representative</b>
---	---

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: **8/28/2017**

08/28/18  
PA OK

# Time and Material Record

## Construction Section-Date: 8/29/2017



Contract <u>CD 5.01</u>	Contract Description: <u>PUMP STATION 418 UPGRADE</u>
ER #: <u>S049008</u>	Contractor: <u>METRO E.S.</u> Location: <u>PS418</u>

Company : <u>METRO E.S.</u>	Labor		
Classification	Qty.	Names (Hours)	Total hrs
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers	2	David Esteba(8)David Remez(8)	16
	0		0
	0		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)Intertek 12"Utility Blow	STFJ-30	16
24"Core Cut	Hydraulic Saw HS- H	8			
(3)Jack Hammer	Kent-20R	24			

Materials					
Description		Quantity	Description		Quantity
Diesel Fuel		10 Gal			

Work Performed by Contractor or Subcontractor	
Company Name	Description of Work Completed
<u>C &amp; I CONSTRUCTIONS</u>	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 _____ print name <u>Pedro Angel</u> signature print name <u>Cary Smith</u> <b>PMCM Representative</b>	signature print name <u>Juan Carlos Moreno</u> position: <b>Superintendent</b>  <b>Contractor Representative</b>

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 8/29/2017

PA OK  
03/26/18



# Time and Material Record

## Construction Section-Date: 8/30/2017



Contract <u>CD 5.01</u>	Contract Description: <u>PUMP STATION 418 UPGRADE</u>
ER #: <u>S049008</u>	Contractor: <u>METRO E.S.</u> Location: <u>PS418</u>

Company : <u>METRO E.S.</u>		<u>Labor</u>	
<u>Classification</u>	<u>Qty.</u>	<u>Names (Hours)</u>	<u>Total hrs</u>
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers	2	David Esteba(8)David Remez(8)	16
	0		0
	0		0
	0		0

<u>Equipment</u>					
<u>Type (Qty)</u>	<u>Model</u>	<u>Hrs.A / I</u>	<u>Type</u>	<u>Model</u>	<u>Hrs.A / I</u>
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 Blow	STFJ-30	16
24"Core Cut	Hydraulic Saw HS- H	8			
(3)Jack Hammer	Kent-20R	24			

<u>Materials</u>			
<u>Description</u>	<u>Quantity</u>	<u>Description</u>	<u>Quantity</u>
Diesel Fuel	10 Gal		

<u>Work Performed by Contractor or Subcontractor</u>	
<u>Company Name</u>	<u>Description of Work Completed</u>
<u>C &amp; I CONSTRUCTIONS</u>	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 _____ print name <u>Pedro Angel</u> signature print name <u>Cary Smith</u> <b>PMCM Representative</b>	signature print name <u>Juan Carlos Moreno</u> position: <b>Superintendent</b>  <div style="text-align: right;"><b>Contractor Representative</b></div>
---	--

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 8/30/2017

FA ok  
08/26/18



# Time and Material Record

## Construction Section-Date: 8/31/2017



Contract CD 5.01 Contract Description: PUMP STATION 418 UPGRADE  
 ER #: S049008 Contractor: METRO E.S. Location: PS418

Company : METRO E.S. Labor

Classification	Qty.	Names (Hours)	Total hrs
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers	2	David Esteba(8)Ray Alard(8)	16
	0		0
	0		0
	0		0

**Equipment**

Type (Qty)	Model	Hrs.A / I	Type	Model	Hrs.A / I
Compressor (1)	SULLIVAN 021	8	(2)Dewalt 4 1/2"grinder	DWE 43113	16
New Holland	LX-665 Turbo	8	(2)Intertek12"Utility Blow	STFJ-30	16
24"Core Cut	Hyc H	8			
(3)Jack Hammer	Kent-20R	24			

**Materials**

Description	Quantity	Description	Quantity
Diesel Fuel	10 Gal		
Debris removal	20 yds		

**Work Performed by Contractor 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 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 _____ print name <u>Pedro Angel</u> signature _____ print name <u>Cary Smith</u> PMCM Representative	signature _____ print name <u>Juan Carlos Moreno</u> position: <u>Superintendent</u> Contractor Representative
--	---

**Miami Dade Water and Sewer Department**

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 8/31/2017

PA ok  
08/24/18

# Time and Material Record

## Construction Section-Date: 09/01/2017



Contract CD 5.01

Contract Description: PUMP STATION 418 UPGRADE

ER #: S049008

Contractor: METRO E.S.

Location: PS418

Company : METRO E.S.

Labor

<u>Classification</u>	<u>Qty.</u>	<u>Names (Hours)</u>	<u>Total hrs</u>
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers	2	David Esteba(8)Ray Alard(8)	16
<b>Operator</b>	1	Vicente Flores(8)	8
	0		0
	0		0
	0		0

Equipment

<u>Type (Qty)</u>	<u>Model</u>	<u>Hrs.A / I</u>	<u>Type</u>	<u>Model</u>	<u>Hrs.A / I</u>
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	<b>TRACK HOE</b>		
(3)Jack Hammer	Kent-20R	24	<b>MITSUBI</b>	EX-200-3	8

Materials

<u>Description</u>	<u>Quantity</u>	<u>Description</u>	<u>Quantity</u>
Diesel Fuel	10 Gal		

Work Performed by Contractor or Subcontractor

<u>Company Name</u>	<u>Description of Work Completed</u>
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 \_\_\_\_\_  
 print name Pedro Angel  
 signature   
 print name Cary Smith  
 PMCM Representative

signature   
 print name Juan Carlos Moreno  
 position: Superintendent  
 Contractor Representative

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
 2- Duplicate to Contractor

Date: 9/1/2017

03/26/18  
PA OK

# Time and Material Record

## Construction Section-Date: 09/05/2017



Contract CD 5.01

Contract Description: PUMP STATION 418 UPGRADE

ER #: S049008

Contractor: METRO E.S.

Location: PS418

Company : METRO E.S.

### Labor

Classification	Qty.	Names (Hours)	Total hrs
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers	3	David Esteba(8)Ray Alard(8)Jacinto Brito(8)	24
<span style="border: 1px solid black; padding: 2px;">Operator</span>	1	Vicente Flores(0)	0
	0		0
	0		0
	0		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	<span style="border: 1px solid black; padding: 2px;">Track hoe</span>		
(3)Jack Hammer	Kent-20R	24	<span style="border: 1px solid black; padding: 2px;">HITACHI</span>	EX-200-3	8

### Materials

Description	Quantity	Description	Quantity

### Work Performed by Contractor 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 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 \_\_\_\_\_  
 print name Pedro Angel  
 signature   
 print name Cary Smith  
 PMCM Representative

signature   
 print name Juan Carlos Moreno  
 position: **Superintendent**  
 Contractor Representative

## Miami Dade Water and Sewer Department

1- Original to MDWASD.  
 2- Duplicate to Contractor

Date: 9/5/2017

03/26/18  
PA



# Time and Material Record

## Construction Section-Date: 09/14/2017



Contract CD 5.01

Contract Description: PUMP STATION 418 UPGRADE

ER #: S049008

Contractor: METRO E.S.

Location: PS418

Company : METRO E.S.

Labor

Classification	Qty.	Names (Hours)	Total hrs
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers	2	Rosendo Arreola(8)Ray Alard(8)	16
<b>Operator</b>	0		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	Electric sump		8
(3)Jack Hammer	Kent 20-R	24			

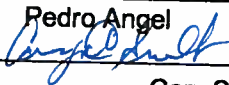
**Materials**

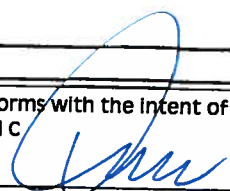
Description	Quantity	Description	Quantity
Diesel Fuel	20 Gal		

**Work Performed by Contractor or Subcontractor**

Company Name	Description of Work Completed
<b>C &amp; I CONSTRUCTIONS</b>	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. One hour of time was used to pump out the water in wet well from Hurricane Irma.

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 \_\_\_\_\_  
 print name Pedro Angel  
 signature   
 print name Cary Smith  
 PMCM Representative

signature   
 print name Juan Carlos Moreno  
 position: **Superintendent**  
 Contractor Representative

**Miami Dade Water and Sewer Department**

1- Original to MDWASD.  
 2- Duplicate to Contractor

Date: 9/14/2017

PAK  
09/26/18

# Time and Material Record

## Construction Section-Date: 09/15/2017



Contract CD 5.01

Contract Description: PUMP STATION 418 UPGRADE

ER #: S049008

Contractor: METRO E.S.

Location: PS418

Company : METRO E.S.

### Labor

Classification	Qty.	Names (Hours)	Total hrs
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers	2	David Esteba(8)Ray Alard(8)	16
<span style="border: 1px solid black;">Operator</span>	1	Vicente Flores(8)	8
	0		0
	0		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	<span style="border: 1px solid black;">TRACK HOE</span>		
(3)Jack Hammer	Kent-20R	24	<span style="border: 1px solid black;">HITACHI</span>	EX-200-3	8

### Materials

Description	Quantity	Description	Quantity
Diesel Fuel	20 Gal		

### Work Performed by Contractor 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 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 \_\_\_\_\_  
 print name Pedro Angel  
 signature   
 print name Cary Smith  
 PMCM Representative

signature   
 print name Juan Carlos Moreno  
 position: **Superintendent**  
 Contractor Representative

## Miami Dade Water and Sewer Department

1- Original to MDWASD.  
 2- Duplicate to Contractor

Date: 9/15/2017

09/26/18  
PA OK

# Time and Material Record

## Construction Section-Date: 09/18/2017



Contract CD 5.01

Contract Description: PUMP STATION 418 UPGRADE

ER #: S049008

Contractor: METRO E.S.

Location: PS418

Company : METRO E.S.

### Labor

Classification	Qty.	Names (Hours)	Total hrs
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers	3	David Esteba(8)Ray Alard(8)Jacinto Brito(8)	24
<div style="border: 1px solid black; width: 100px; height: 15px;"></div>	0	Livan Perez(8)	8
Operator	0	Vicente Flores(0)	0
Foreman	1	Jorge Sanroman(8)	8
	0		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)Intertek 12"Utility Blow	STFJ-30	16
24"Core Cut	Hydraulic Saw HS- H	8	Track hoe		8
(3)Jack Hammer	Kent-20R	24	<div style="border: 1px solid black; display: inline-block; padding: 2px;">MITSUBISHI</div>	EX-200-3	8

### Materials

Description	Quantity	Description	Quantity
	20 Gal		

### Work Performed by Contractor or Subcontractor

Company Name	Description of Work Completed
<u>C &amp; I CONSTRUCTIONS</u>	As execution RFI 25 demolition of Fillet in the Wet Well on T&M basis, the Contractor C & I Construction sawcut and jack hammered concrete inside of wet well floor. Also removal of debris 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 \_\_\_\_\_  
 print name Pedro Angel  
 signature   
 print name Cary Smith

signature   
 print name Juan Carlos Moreno  
 position: **Superintendent**

PMCM Representative

Contractor Representative

## Miami Dade Water and Sewer Department

1- Original to MDWASD.  
 2- Duplicate to Contractor

Date: 9/18/2017

PA OK  
09/26/18



# Time and Material Record

## Construction Section-Date: 09/19/2017



Contract CD 5.01

Contract Description: PUMP STATION 418 UPGRADE

ER #: S049008

Contractor: METRO E.S.

Location: PS418

Company : METRO E.S.

Labor

Classification	Qty.	Names (Hours)	Total hrs
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers		David Esteba(8)Ray Alard(8)	
	3	Livan Perez(8)	24
Operator	0	Vicente Flores(0)	0
Foreman	1	Jorge Sanroman(8)	8
			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)Intertek 12"Utility Blow	STFJ-30	16
24"Core Cut	Hydraulic Saw HS- H	8	TRACTOR		
(3)Jack Hammer	Kent-20R	24	HITACHI	EX-200-3	8

Materials

Description	Quantity	Description	Quantity
	20 Gal		

Work Performed by Contractor 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 C & I Construction sawcut and jack hammered concrete inside of wet well floor. Also removal of debris 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 \_\_\_\_\_  
 print name Pedro Angel  
 signature   
 print name Cary Smith  
 PMCM Representative

signature   
 print name Juan Carlos Moreno  
 position: Superintendent  
 Contractor Representative

**Miami Dade Water and Sewer Department**

1- Original to MDWASD.  
 2- Duplicate to Contractor

Date: 9/19/2017

PA OK  
03/26/18



# Time and Material Record

## Construction Section-Date: 09/26/2017



Contract CD 5.01 Contract Description: PUMP STATION 418 UPGRADE  
 ER #: S049008 Contractor: METRO E.S. Location: PS418

Company : METRO E.S. Labor

Classification	Qty.	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(4)	4
Foreman	1	Jorge Sanroman(3)	3
			0
	0		0

**Equipment**

Type (Qty)	Model	Hrs. A / I	Type	Model	Hrs. A / I
Compressor (1)	SULLIVAN 0210F	8	(2)Dewalt 4 1/2"grinder	DWE 43113	16
New Holland	LX-665 Turbo	8	(2)Intertek12"Utility Blow	STFJ-30	16
24"Core Cut	Hydra H	8	TRACKHOE		
(3)Jack Hammer	Kent-20R	24	HITACHI	EX-200-3	8

**Materials**

Description	Quantity	Description	Quantity
Diesel Fuel	20		

**Work Performed by Contractor 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 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 _____ print name <u>Pedro Angel</u> signature _____ print name <u>Cary Smith</u> PMCM Representative	signature _____ print name <u>Juan Carlos Moreno</u> position: <b>Superintendent</b> Contractor Representative
--	---

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 9/26/2017

PA OK  
09/26/18

# Time and Material Record

## Construction Section-Date: 09/27/2017



Contract CD 5.01

Contract Description: PUMP STATION 418 UPGRADE

ER #: S049008

Contractor: METRO E.S.

Location: PS418

Company : METRO E.S.

### Labor

Classification	Qty.	Names (Hours)	Total hrs
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers		David Esteba(8)Ray Alard(8)	
<div style="border: 1px solid black; width: 100px; height: 15px;"></div>	3	Livan Perez(4)	20
Operator	1	Vicente Flores(3)	3
Foreman	1	Jorge Sanroman(4)	4
			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	TRACK HOE		
(3)Jack Hammer	Kent-20R	24	HITACHI	EX-200-3	8

### Materials

Description	Quantity	Description	Quantity
	20 Gal		

### Work Performed by Contractor or Subcontractor

Company Name	Description of Work Completed
<u>C &amp; I CONSTRUCTIONS</u>	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 \_\_\_\_\_  
 print name Pedro Angel  
 signature   
 print name Cary Smith

signature   
 print name Juan Carlos Moreno  
 position: **Superintendent**

PMCM Representative

Contractor Representative

## Miami Dade Water and Sewer Department

1- Original to MDWASD.  
 2- Duplicate to Contractor

Date: 9/27/2017

PA OK  
09/26/18

# Time and Material Record

## Construction Section-Date: 09/28/2017



Contract <u>CD 5.01</u>	Contract Description: <u>PUMP STATION 418 UPGRADE</u>
ER #: <u>S049008</u>	Contractor: <u>METRO E.S.</u> Location: <u>PS418</u>

Company : <u>METRO E.S.</u>	<u>Labor</u>		
<u>Classification</u>	<u>Qty.</u>	<u>Names (Hours)</u>	<u>Total hrs</u>
Superintendent	0	Juan Carlos Moreno (0)	0
Laborers	0	David Esteba(8)Ray Alard(8)	0
<div style="border: 1px solid black; width: 50px; height: 15px;"></div>	3	Livan Perez(8)	24
Operator	1	Vicente Flores(8)	8
Foreman	1	Jorge Sanroman(3)	3
	0		0
	0		0

<u>Equipment</u>					
<u>Type (Qty)</u>	<u>Model</u>	<u>Hrs.A / I</u>	<u>Type</u>	<u>Model</u>	<u>Hrs.A / I</u>
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	<div style="border: 1px solid black; width: 50px; height: 15px;"></div>	EX-200-3	8
(3)Jack Hammer	Kent-20R	24			

<u>Materials</u>			
<u>Description</u>	<u>Quantity</u>	<u>Description</u>	<u>Quantity</u>
Diesel Fuel	20 Gal		

<u>Work Performed by Contractor or Subcontractor</u>	
<u>Company Name</u>	<u>Description of Work Completed</u>
<u>C &amp; I CONSTRUCTIONS</u>	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 _____ print name <u>Pedro Angel</u> signature print name <u>Cary Smith</u> <b>PMCM Representative</b>	signature print name <u>Juan Carlos Moreno</u> position: <b>Superintendent</b>  <b>Contractor Representative</b>
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### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 9/28/2017

FA OK  
09/26/18



# Time and Material Record

## Construction Section-Date: 09/29/2017



Contract <u>CD 5.01</u>	Contract Description: <u>PUMP STATION 418 UPGRADE</u>
ER #: <u>S049008</u>	Contractor: <u>METRO E.S.</u> Location: <u>PS418</u>

Company : <u>METRO E.S.</u>		<u>Labor</u>
<u>Classification</u>	<u>Qty.</u>	<u>Names (Hours)</u>
Superintendent	0	Juan Carlos Moreno (0)
Laborers	3	David Esteba(7)Ray Alard(7)
	0	Livan Perez(0)
Operator	1	Vicente Flores(7)
Foreman	0	Jorge Sanroman(0)
	0	
	0	

<u>Type (Qty)</u>	<u>Model</u>	<u>Hrs.A / I</u>	<u>Type</u>	<u>Model</u>	<u>Hrs.A / I</u>
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	TRACKHOE		
(3)Jack Hammer	Kent-20R	24	HITACHI	EX-200-3	8

<u>Description</u>	<u>Quantity</u>	<u>Description</u>	<u>Quantity</u>
Diesel Fuel	20 Gal		

<u>Company Name</u>	<u>Description of Work Completed</u>
<u>C &amp; I CONSTRUCTIONS</u>	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 _____ print name <u>Pedro Angel</u> signature print name <u>Cary Smith</u> PMCM Representative	signature print name <u>Juan Carlos Moreno</u> position: <u>Superintendent</u> Contractor Representative
--	---

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 9/29/2017

PA de 09/29/17

# Time and Material Record

## Construction Section-Date: 10/02/2017



Contract CD 5.01

Contract Description: PUMP STATION 418 UPGRADE

ER #: S049008

Contractor: METRO E.S.

Location: PS418

Company : METRO E.S.

Labor

<u>Classification</u>	<u>Qty</u>	<u>Names (Hours)</u>	<u>Total hrs</u>
Superintendent	0	Juan Carlos Moreno (0)	0
Laborers		David Esteba(8)Ray Alard(8)	
<div style="border: 1px solid black; width: 100px; height: 15px;"></div>	3	Livan Perez(8)	24
Operator	1	Vicente Flores(8)	8
Foreman	1	Jorge Sanroman(3)	3
			0
	0		0

Equipment

<u>Type (Qty)</u>	<u>Model</u>	<u>Hrs A / I</u>	<u>Type</u>	<u>Model</u>	<u>Hrs A / I</u>
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	<div style="border: 1px solid black; width: 100px; height: 15px;"></div>	EX-200-3	8
(3)Jack Hammer	Kent-20R	24			

Materials

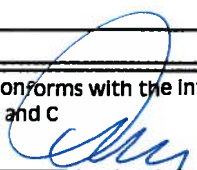
<u>Description</u>	<u>Quantity</u>	<u>Description</u>	<u>Quantity</u>
Diesel Fuel	20 Gal		

Work Performed by Contractor or Subcontractor

<u>Company Name</u>	<u>Description of Work Completed</u>
<u>C &amp; I CONSTRUCTIONS</u>	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 \_\_\_\_\_  
 print name Pedro Angel  
 signature   
 print name Cary Smith  
 PMCM Representative

signature   
 print name Juan Carlos Moreno  
 position: Superintendent  
 Contractor Representative

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
 2- Duplicate to Contractor

Date: 10/2/2017

PA OK  
 03/26/18

# Time and Material Record

## Construction Section-Date: 10/03/2017



Contract <u>CD 5.01</u>	Contract Description: <b>PUMP STATION 418 UPGRADE</b>	
ER #: <u>S049008</u>	Contractor: <u>METRO E.S.</u>	Location: <u>PS418</u>

Company : <u>METRO E.S.</u>	Labor		
Classification	Qty.	Names (Hours)	Total hrs
Superintendent	0	Juan Carlos Moreno (0)	0
Laborers		David Esteba(1)Ray Alard(1)	
<div style="border: 1px solid black; width: 50px; height: 15px;"></div>	3	Livan Perez(1)	3
Operator	0	Vicente Flores(0)	0
Foreman	1	Jorge Sanroman(1)	1
	0		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	TRACK HOE		
(3)Jack Hammer	Kent-20R	24	HITACHI	EX-200-3	8

Materials			
Description	Quantity	Description	Quantity
Diesel Fuel	20 Gal		

Work Performed by Contractor or Subcontractor	
Company Name	Description of Work Completed
<u>C &amp; I CONSTRUCTIONS</u>	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 _____ print name <u>Pedro Angel</u> signature print name <u>Cary Smith</u> PMCM Representative	signature print name <u>Juan Carlos Moreno</u> position: <b>Superintendent</b> Contractor Representative

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 10/3/2017

PA OK  
 09/26/18



# Time and Material Record

## Construction Section-Date: 10/04/2017



Contract CD 5.01

Contract Description: PUMP STATION 418 UPGRADE

ER #: S049008

Contractor: METRO E.S.

Location: PS418

Company : METRO E.S.

Labor

<u>Classification</u>	<u>Qty.</u>	<u>Names (Hours)</u>	<u>Total hrs</u>
Superintendent	0	Juan Carlos Moreno (0)	0
Laborers		David Esteba(8) Ray Alard(8)	
<div style="border: 1px solid black; width: 100px; height: 15px;"></div>	3	Livan Perez(8)	24
Operator	1	Vicente Flores(8)	8
Foreman	1	Jorge Sanroman(3)	3
			0
	0		0

Equipment

<u>Type (Qty)</u>	<u>Model</u>	<u>Hrs.A / I</u>	<u>Type</u>	<u>Model</u>	<u>Hrs.A / I</u>
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	Track hoe HITACHI	EX-200-3	8
(3)Jack Hammer	Kent-20R	24			


Materials

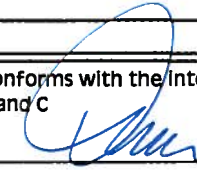
<u>Description</u>	<u>Quantity</u>	<u>Description</u>	<u>Quantity</u>
Diesel Fuel	0 Gal		
Removal of 1 truck of debris	20 yds		

Work Performed by Contractor or Subcontractor

<u>Company Name</u>	<u>Description of Work Completed</u>
<u>C &amp; I CONSTRUCTIONS</u>	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 \_\_\_\_\_  
 print name Pedro Angel  
 signature   
 print name Cary Smith  
**PMCM Representative**

signature   
 print name Juan Carlos Moreno  
 position: **Superintendent**  
**Contractor Representative**

**Miami Dade Water and Sewer Department**

1- Original to MDWASD.  
 2- Duplicate to Contractor

Date: 10/4/2017

PA OK  
 09/26/18

# Time and Material Record

## Construction Section-Date: 10/05/2017



Contract <u>CD 5.01</u>	Contract Description: <u>PUMP STATION 418 UPGRADE</u>	
ER #: <u>S049008</u>	Contractor: <u>METRO E.S.</u>	Location: <u>PS418</u>

Company : <u>METRO E.S.</u>	<u>Labor</u>		
<u>Classification</u>	<u>Qty.</u>	<u>Names (Hours)</u>	<u>Total hrs</u>
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers		David Esteba(8) Ray Alard(8)	
<span style="border: 1px solid black; display: inline-block; width: 50px; height: 15px;"></span>	3	Livan Perez(8)	24
Operator	1	Vicente Flores(8)	8
Foreman	1	Jorge Sanroman(3)	3
			0
	0		0

<u>Equipment</u>					
<u>Type (Qty)</u>	<u>Model</u>	<u>Hrs.A / I</u>	<u>Type</u>	<u>Model</u>	<u>Hrs.A / I</u>
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	Track hoe HITACHI	EX-200-3	8
(3)Jack Hammer	Kent-20R	24			

<u>Materials</u>			
<u>Description</u>	<u>Quantity</u>	<u>Description</u>	<u>Quantity</u>
Diesel Fuel	20 Gal		

<u>Work Performed by Contractor or Subcontractor</u>	
<u>Company Name</u>	<u>Description of Work Completed</u>
<u>C &amp; I CONSTRUCTIONS</u>	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 G	
signature _____ print name <u>Pedro Angel</u> signature print name <u>Cary Smith</u> PMCM Representative	signature print name <u>Juan Carlos Moreno</u> position: <b>Superintendent</b> Contractor Representative

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 10/5/2017

PA ok  
 03/26/18

# Time and Material Record

## Construction Section-Date: 10/06/2017



Contract <u>CD 5.01</u>	Contract Description: <b>PUMP STATION 418 UPGRADE</b>	
ER #: <u>S049008</u>	Contractor: <u>METRO E.S.</u>	Location: <u>PS418</u>

Company : <u>METRO E.S.</u>	Labor		
Classification	Qty.	Names (Hours)	Total hrs
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers		David Esteba(8) Ray Alard(8)	
<div style="border: 1px solid black; width: 50px; height: 15px;"></div>	3	Livan Perez(8)	24
Operator	1	Vicente Flores(8)	8
Foreman	1	Jorge Sanroman(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	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
<u>C &amp; I CONSTRUCTIONS</u>	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 _____ print name <u>Pedro Angel</u> signature print name <u>Cary Smith</u> <b>PMCM Representative</b>	signature print name <u>Juan Carlos Moreno</u> position: <b>Superintendent</b>  <b>Contractor Representative</b>

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 10/6/2017

AA ok  
 09/26/18

# 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

Classification	Qty.	Names (Hours)	Total hrs
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers		David Esteba(8) Ray Alard(8)	
<div style="border: 1px solid black; width: 100px; height: 15px;"></div>	3	Livan Perez(8)	24
Operator	1	Vicente Flores(8)	8
Foreman	1	Jorge Sanroman(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		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
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 _____ print name <u>Pedro Angel</u> signature print name <u>Cary Smith</u> PMCM Representative	signature print name <u>Juan Carlos Moreno</u> position: <b>Superintendent</b> Contractor Representative
--	---

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 10/9/2017

PA OK  
 09/26/18



# Time and Material Record

## Construction Section-Date: 10/10/2017



Contract CD 5.01	Contract Description: PUMP STATION 418 UPGRADE	
ER #: S049008	Contractor: METRO E.S.	Location: PS418

Classification	Qty	Names (Hours)	Total hrs
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers		David Esteba(8) Ray Alard(8)	
	3	Livan Perez(2)	18
Operator	1	Vicente Flores(8)	8
Foreman	1	Jorge Sanroman(2)	2
			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
(3)Jack Hammer	Kent-20R	24	Track hoe HITACHI	EX-200-3	8
			24"Core Cut	Hydraulic Saw	8

Materials			
Description	Quantity	Description	Quantity
Diesel Fuel	20 Gal		

Work Performed by Contractor 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 C & I Construction saw cut and jack hammered concrete inside of wet well floor. <b>No work done on RFI 25 today</b>

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 _____ print name <b>Pedro Angel</b> signature _____ print name <b>Cary Smith</b> PMCM Representative	signature _____ print name <b>Juan Carlos Moreno</b> position: <b>Superintendent</b> Contractor Representative
--	---

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 10/10/2017

JA OK  
 03/26/18

# Time and Material Record

## Construction Section-Date: 10/11/2017



Contract CD 5.01

Contract Description: PUMP STATION 418 UPGRADE

ER #: S049008

Contractor: METRO E.S.

Location: PS418

Company : METRO E.S.

### Labor

Classification	Qty.	Names (Hours)	Total hrs
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers	3	David Esteba(8) Ray Alard(4)	12
	3	Livan Perez(0)Rosendo Arreola(8)	8
Operator	1	Vicente Flores(8)	8
Foreman	0	Jorge Sanroman(0)	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
(3)Jack Hammer	Kent-20R	24	Track hoe HITACHI	EX-200-3	8
			24"Core Cut	Hydraulic Saw	8

### Materials

Description	Quantity	Description	Quantity
Diesel Fuel	20 Gal		
(1)Load of debris removed	20 yds		

### Work Performed by Contractor 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 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 \_\_\_\_\_  
 print name Pedro Angel  
 signature \_\_\_\_\_  
 print name Cary Smith

signature \_\_\_\_\_  
 print name Juan Carlos Moreno  
 position: Superintendent

PMCM Representative

Contractor Representative

## Miami Dade Water and Sewer Department

1- Original to MDWASD.  
 2- Duplicate to Contractor

Date: 10/11/2017

FAA OK  
10/26/18



# Time and Material Record

## Construction Section-Date: 10/12/2017



Contract <u>CD 5.01</u>	Contract Description: <b>PUMP STATION 418 UPGRADE</b>	
ER #: <u>S049008</u>	Contractor: <u>METRO E.S.</u>	Location: <u>PS418</u>

Company : <u>METRO E.S.</u>	<u>Labor</u>		
<u>Classification</u>	<u>Qty.</u>	<u>Names (Hours)</u>	<u>Total hrs</u>
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers		David Esteba(8) Ray Alard(8)	
<div style="border: 1px solid black; width: 100px; height: 15px;"></div>	3	Livan Perez(0)Rosendo Arreola(8)	24
Operator	1	Vicente Flores(8)	8
Foreman	0	Jorge Sanroman(0)	
			0
	0		0

<u>Equipment</u>					
<u>Type (Qty)</u>	<u>Model</u>	<u>Hrs.A / I</u>	<u>Type</u>	<u>Model</u>	<u>Hrs.A / I</u>
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	8

<u>Materials</u>			
<u>Description</u>	<u>Quantity</u>	<u>Description</u>	<u>Quantity</u>
Diesel Fuel	20 Gal		

<u>Work Performed by Contractor or Subcontractor</u>	
<u>Company Name</u>	<u>Description of Work Completed</u>
<u>C &amp; I CONSTRUCTIONS</u>	<i>As execution RFI 25 demolition of Fillet in the Wet Well on T&amp;M basis, the Contractor C &amp; I Construction saw cut and jack hammered concrete inside of wet well floor.</i>

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 _____ print name <u>Pedro Angel</u> signature print name <u>Cary Smith</u> <b>PMCM Representative</b>	signature print name <u>Juan Carlos Moreno</u> position: <b>Superintendent</b>  <b>Contractor Representative</b>

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 10/12/2017

FA OK  
03/20/18

# Time and Material Record

## Construction Section-Date: 10/13/2017



Contract <u>CD 5.01</u>	Contract Description: <u>PUMP STATION 418 UPGRADE</u>
ER #: <u>S049008</u>	Contractor: <u>METRO E.S.</u> Location: <u>PS418</u>

Company : <u>METRO E.S.</u>		<u>Labor</u>	
<u>Classification</u>	<u>Qty.</u>	<u>Names (Hours)</u>	<u>Total hrs</u>
Superintendent	1	Juan Carlos Moreno (0)	2
Laborers		David Esteba(8) Ray Alard(8)	
<span style="border: 1px solid black; display: inline-block; width: 50px; height: 15px;"></span>	3	Livan Perez(0)Rosendo Arreola(8)	24
Operator	1	Vicente Flores(8)	8
Foreman	0	Jorge Sanroman(0)	
			0
	0		0

<u>Equipment</u>					
<u>Type (Qty)</u>	<u>Model</u>	<u>Hrs.A / I</u>	<u>Type</u>	<u>Model</u>	<u>Hrs.A / I</u>
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 Blow	STFJ-30	16
(3)Jack Hammer	Kent-20R	24	Track hoe HITACHI	EX-200-3	8
			24"Core Cut	Hydraulic Saw	8

<u>Materials</u>			
<u>Description</u>	<u>Quantity</u>	<u>Description</u>	<u>Quantity</u>
Diesel Fuel	20 Gal		
(1)Load of debris removed			

<u>Work Performed by Contractor or Subcontractor</u>	
<u>Company Name</u>	<u>Description of Work Completed</u>
C & I CONSTRUCTIONS	<i>As execution RFI 25 demolition of Fillet in the Wet Well on T&amp;M basis, the Contractor C &amp; I Construction saw cut and jack hammered concrete inside of wet well floor.</i>

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 _____ print name <u>Pedro Angel</u> signature print name <u>Cary Smith</u> <b>PMCM Representative</b>	signature print name <u>Juan Carlos Moreno</u> position: <b>Superintendent</b>  <b>Contractor Representative</b>

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 10/13/2017

10/26/18  
FA OK

# Time and Material Record

## Construction Section-Date: 10/16/2017



Contract <u>CD 5.01</u>	Contract Description: <u>PUMP STATION 418 UPGRADE</u>	
ER #: <u>S049008</u>	Contractor: <u>METRO E.S.</u>	Location: <u>PS418</u>

Company : <u>METRO E.S.</u>	<u>Labor</u>		
<u>Classification</u>	<u>Qty.</u>	<u>Names (Hours)</u>	<u>Total hrs</u>
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers		David Esteba(8) Ray Alard(8)	
<div style="border: 1px solid black; width: 50px; height: 15px;"></div>	3	Livan Perez(0)Rosendo Arreola(8)	24
Operator	1	Vicente Flores(8)	8
Foreman	0	Jorge Sanroman(0)	
			0
	0		0

<u>Equipment</u>					
<u>Type (Qty)</u>	<u>Model</u>	<u>Hrs.A / I</u>	<u>Type</u>	<u>Model</u>	<u>Hrs.A / I</u>
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
(3)Jack Hammer	Kent-20R	24	Track hoe HITACHI	EX-200-3	8
			24"Core Cut	Hydraulic Saw	8

<u>Materials</u>			
<u>Description</u>	<u>Quantity</u>	<u>Description</u>	<u>Quantity</u>
Diesel Fuel	20 Gal		

<u>Work Performed by Contractor or Subcontractor</u>	
<u>Company Name</u>	<u>Description of Work Completed</u>
<u>C &amp; I CONSTRUCTIONS</u>	<i>As execution RFI 25 demolition of Fillet in the Wet Well on T&amp;M basis, the Contractor C &amp; I Construction saw cut and jack hammered concrete inside of wet well floor.</i>

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 _____ print name <u>Pedro Angel</u> signature print name <u>Cary Smith</u> <b>PMCM Representative</b>	signature print name <u>Juan Carlos Moreno</u> position: <b>Superintendent</b>  <b>Contractor Representative</b>

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 10/16/2017

PA OK 03/24/18



# Time and Material Record

## Construction Section-Date: 10/17/2017



Contract CD 5.01

Contract Description: PUMP STATION 418 UPGRADE

ER #: S049008

Contractor: METRO E.S.

Location: PS418

Company : METRO E.S.

### Labor

Classification	Qty.	Names (Hours)	Total hrs
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers	3	David Esteba(8) Ray Alard(8)	24
	1	Livan Perez(0)Rosendo Arreola(8)	8
Operator	1	Vicente Flores(0)	0
Foreman	0	Jorge Sanroman(0)	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
(3)Jack Hammer	Kent-20R	24	Track hoe HITACHI	EX-200-3	8
			24"Core Cut	Hydraulic Saw	8

### Materials

Description	Quantity	Description	Quantity
Diesel Fuel	20 Gal		
(1)Load of debris removed			

### Work Performed by Contractor or Subcontractor

Company Name	Description of Work Completed
C & I CONSTRUCTIONS	<i>As execution RFI 25 demolition of Fillet in the Wet Well on T&amp;M basis, the Contractor C &amp; I Construction saw cut and jack hammered concrete inside of wet well floor.</i>

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 \_\_\_\_\_  
 print name Pedro Angel  
 signature   
 print name Cary Smith

signature   
 print name Juan Carlos Moreno  
 position: **Superintendent**

PMCM Representative

Contractor Representative

## Miami Dade Water and Sewer Department

1- Original to MDWASD.  
 2- Duplicate to Contractor

Date: 10/17/2017

PA of  
 09/26/18

# Time and Material Record

## Construction Section-Date: 10/18/2017



Contract <u>CD 5.01</u>	Contract Description: <u>PUMP STATION 418 UPGRADE</u>
ER #: <u>S049008</u>	Contractor: <u>METRO E.S.</u> Location: <u>PS418</u>

Company : <u>METRO E.S.</u>	Labor	Names (Hours)	Total hrs
<u>Classification</u>	<u>Qty.</u>		
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers		David Esteba(0) Ray Alard(8)	
	2	Livan Perez(0)Rosendo Arreola(8)	16
Operator	1	Vicente Flores(8)	8
Foreman	0	Jorge Sanroman(0)	
			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
(3)Jack Hammer	Kent-20R	24	Track hoe HITACHI	EX-200-3	8
			24"Core Cut	Hydraulic Saw	8

Materials			
Description	Quantity	Description	Quantity
Diesel Fuel	20 Gal		
(1)Load of debris removed			

Work Performed by Contractor or Subcontractor	
Company Name	Description of Work Completed
<u>C &amp; I CONSTRUCTIONS</u>	<i>As execution RFI 25 demolition of Fillet in the Wet Well on T&amp;M basis, the Contractor C &amp; I Construction saw cut and jack hammered concrete inside of wet well floor.</i>

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 _____ print name <u>Pedro Angel</u> signature _____ print name <u>Cary Smith</u> PMCM Representative	signature _____ print name <u>Juan Carlos Moreno</u> position: <b>Superintendent</b> Contractor Representative

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 10/18/2017

09/26/18  
PA OK

# Time and Material Record

## Construction Section-Date: 10/19/2017



Contract <u>CD 5.01</u>	Contract Description: <u>PUMP STATION 418 UPGRADE</u>	
ER #: <u>S049008</u>	Contractor: <u>METRO E.S.</u>	Location: <u>PS418</u>

Classification	Qty.	Names (Hours)	Total hrs
Superintendent	0	Juan Carlos Moreno (0)	2
Laborers		David Esteba(8) Ray Alard(8)	
	3	Livan Perez(0)Rosendo Arreola(8)	24
Operator	1	Vicente Flores(8)	8
Foreman	0	Jorge Sanroman(0)	
			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
(3)Jack Hammer	Kent-20R	24	Track hoe HITACHI	EX-200-3	8
			24"Core Cut	Hydraulic Saw	8

Materials			
Description	Quantity	Description	Quantity
Diesel Fuel	20 Gal		
(1)Load of debris removed			

Work Performed by Contractor or Subcontractor	
Company Name	Description of Work Completed
C & I CONSTRUCTIONS	<i>As execution RFI 25 demolition of Fillet in the Wet Well on T&amp;M basis, the Contractor C &amp; I Construction saw cut and jack hammered concrete inside of wet well floor.</i>

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signature _____ print name <u>Pedro Angel</u> signature print name <u>Cary Smith</u> <b>PMCM Representative</b>	signature print name <u>Juan Carlos Moreno</u> position: <b>Superintendent</b>  <b>Contractor Representative</b>
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### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 10/19/2017

*PA OK 09/26/18*



# Time and Material Record

## Construction Section-Date: 10/20/2017



Contract <u>CD 5.01</u>	Contract Description: <b>PUMP STATION 418 UPGRADE</b>	
ER #: <u>S049008</u>	Contractor: <u>METRO E.S.</u>	Location: <u>PS418</u>

Classification	Qty.	Names (Hours)	Total hrs
Superintendent	0	Juan Carlos Moreno (0)	0
Laborers		David Esteba(8) Ray Alard(8)	
<span style="border: 1px solid black; display: inline-block; width: 50px; height: 15px;"></span>	3	Livan Perez(0)Rosendo Arreola(8)	24
Operator	1	Vicente Flores(8)	8
Foreman	0	Jorge Sanroman(0)	
			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
3)Jack Hammer	Kent-20R	24	Track hoe HITACHI	EX-200-3	8
			24"Core Cut	Hydraulic Saw	8

Materials			
Description	Quantity	Description	Quantity
Diesel Fuel	20 Gal		
(1)Load of debris removed			

Work Performed by Contractor or Subcontractor	
Company Name	Description of Work Completed
<u>C &amp; I CONSTRUCTIONS</u>	<i>As execution RFI 25 demolition of Fillet in the Wet Well on T&amp;M basis, the Contractor C &amp; I Construction saw cut and jack hammered concrete inside of wet well floor.</i>

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signature _____ print name <u>Pedro Angel</u> signature print name <u>Cary Smith</u> <b>PMCM Representative</b>	signature print name <u>Juan Carlos Moreno</u> position: <b>Superintendent</b>  <b>Contractor Representative</b>
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### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 10/20/2017

PA OK  
09/26/18

# Time and Material Record

## Construction Section-Date: 10/23/2017



Contract CD 5.01 Contract Description: PUMP STATION 418 UPGRADE  
 ER #: S049008 Contractor: METRO E.S. Location: PS418

Company : <u>METRO E.S.</u>	<u>Labor</u>		
<u>Classification</u>	<u>Qty.</u>	<u>Names (Hours)</u>	<u>Total hrs</u>
Superintendent	0	Juan Carlos Moreno (2)	2
Laborers		David Esteba(8) Ray Alard(8)	
<div style="border: 1px solid black; width: 50px; height: 15px;"></div>	3	Livan Perez(0)Rosendo Arreola(8)	24
Operator	1	Vicente Flores(8)	8
Foreman	0	Jorge Sanroman(0)	
	0		0
	0		0

<u>Equipment</u>					
<u>Type (Qty)</u>	<u>Model</u>	<u>Hrs.A / I</u>	<u>Type</u>	<u>Model</u>	<u>Hrs.A / I</u>
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
(3)Jack Hammer	Kent-20R	24	Track hoe HITACHI	EX-200-3	8
			24"Core Cut	Hydraulic Saw	8

<u>Materials</u>			
<u>Description</u>	<u>Quantity</u>	<u>Description</u>	<u>Quantity</u>
Diesel Fuel	20 Gal		
(1)Load of debris removed			

**Work Performed by Contractor or Subcontractor**

<u>Company Name</u>	<u>Description of Work Completed</u>
<u>C &amp; I CONSTRUCTIONS</u>	<i>As execution RFI 25 demolition of Fillet in the Wet Well on T&amp;M basis, the Contractor C &amp; I Construction saw cut and jack hammered concrete inside of wet well floor.</i>

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 _____ print name <u>Pedro Angel</u> signature print name <u>Cary Smith</u> PMCM Representative	signature print name <u>Juan Carlos Moreno</u> position: <u>Superintendent</u> Contractor Representative
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### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 10/23/2017

PA OK  
02/26/18

# Time and Material Record

## Construction Section-Date: 10/24/2017



Contract <u>CD 5.01</u>	Contract Description: <b>PUMP STATION 418 UPGRADE</b>	
ER #: <u>S049008</u>	Contractor: <u>METRO E.S.</u>	Location: <u>PS418</u>

Company : <u>METRO E.S.</u>		Labor	
Classification	Qty.	Names (Hours)	Total hrs
Superintendent	0	Juan Carlos Moreno (2)	2
Laborers	3	David Esteba(8) Ray Alard(8)	16
	3	Livan Perez(0)Rosendo Arreola(8)	24
Operator	1	Vicente Flores(8)	8
Foreman	0	Jorge Sanroman(0)	0
	0		0

Equipment			
Type (Qty)	Model	Hrs.A / I	Type
Compressor (1)	SULLIVAN 0210H - AC 1377	8	(2)Dewalt 4 1/2"grinder DWE 43113
New Holland	LX-665 Turbo (8)	8	(2)Intertek12"Utility Blow STFJ-30
			Track hoe HITACHI EX-200-3
(3)Jack Hammer	Kent-20R	24	24"Core Cut Hydraulic Saw F 8

Materials			
Description	Quantity	Description	Quantity
Diesel Fuel	20 Gal		
(1)Load of debris removed			

Work Performed by Contractor or Subcontractor	
Company Name	Description of Work Completed
<u>C &amp; I CONSTRUCTIONS</u>	<i>As execution RFI 25 demolition of Fillet in the Wet Well on T&amp;M basis, the Contractor C &amp; I Construction saw cut and jack hammered concrete inside of wet well floor.</i>

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 _____ print name <u>Pedro Angel</u> signature print name <u>Cary Smith</u> PMCM Representative	signature print name <u>Juan Carlos Moreno</u> position: <b>Superintendent</b> Contractor Representative

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 10/24/2017

PA ok  
 09/26/18



# Time and Material Record

## Construction Section-Date: 10/25/2017



Contract <u>CD 5.01</u>	Contract Description: <u>PUMP STATION 418 UPGRADE</u>
ER #: <u>S049008</u>	Contractor: <u>METRO E.S.</u> Location: <u>PS418</u>

Classification	Qty.	Names (Hours)	Total hrs
Company : <u>METRO E.S.</u> <span style="float: right;"><u>Labor</u></span>			
Superintendent	0	Juan Carlos Moreno (2)	2
Laborers		David Esteba(8) Ray Alard(8)	
<div style="border: 1px solid black; width: 50px; height: 15px;"></div>	3	Livan Perez(0)Rosendo Arreola(8)	24
Operator	1	Vicente Flores(8)	8
Foreman	0	Jorge Sanroman(0)	
			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
(3)Jack Hammer	Kent-20R	24	Track hoe HITACHI	EX-200-3	8
			24"Core Cut	Hydraulic Saw	8

Materials			
Description	Quantity	Description	Quantity
Diesel Fuel	20 Gal		
(1)Load of debris removed			

Work Performed by Contractor or Subcontractor	
Company Name	Description of Work Completed
<u>C &amp; I CONSTRUCTIONS</u>	<i>As execution RFI 25 demolition of Fillet in the Wet Well on T&amp;M basis, the Contractor C &amp; I Construction saw cut and jack hammered concrete inside of wet well floor.</i>

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 _____ print name <u>Pedro Angel</u> signature print name <u>Cary Smith</u> PMCM Representative	signature print name <u>Juan Carlos Moreno</u> position: <b>Superintendent</b> Contractor Representative
--	---

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 10/25/2017

PA OK  
03/26/18

# Time and Material Record

## Construction Section-Date: 10/26/2017



Contract CD 5.01 Contract Description: PUMP STATION 418 UPGRADE  
 ER #: S049008 Contractor: METRO E.S. Location: PS418

Company : METRO E.S. Labor

Classification	Qty.	Names (Hours)	Total hrs
Superintendent	0	Juan Carlos Moreno (2)	2
Laborers		David Esteba(0) Ray Alard(8)	
	2	Livan Perez(0)Rosendo Arreola(8)	16
Operator	1	Vicente Flores(8)	8
Foreman	0	Jorge Sanroman(0)	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
(3)Jack Hammer	Kent-20R	24	Track hoe HITACHI	EX-200-3	8
			24"Core Cut	Hydraulic Saw	8

**Materials**

Description	Quantity	Description	Quantity
Diesel Fuel	20 Gal		
(1)Load of debris removed			

**Work Performed by Contractor 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 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 _____ print name <u>Pedro Angel</u> signature <u>[Signature]</u> print name <u>Cary Smith</u> PMCM Representative	signature _____ print name <u>Juan Carlos Moreno</u> position: <u>Superintendent</u> Contractor Representative
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### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 10/26/2017

FA de 03/26/18



# Time and Material Record

## Construction Section-Date: 10/26/2017



Contract <u>CD 5.01</u>	Contract Description: <b>PUMP STATION 418 UPGRADE</b>	
ER #: <u>S049008</u>	Contractor: <u>METRO E.S.</u>	Location: <u>PS418</u>

Company : <u>METRO E.S.</u>		Labor	
Classification	Qty.	Names (Hours)	Total hrs
Superintendent	0	Juan Carlos Moreno (2)	2
Laborers		David Esteba(0) Ray Alard(8)	
<div style="border: 1px solid black; width: 100px; height: 15px;"></div>	2	Livan Perez(0)Rosendo Arreola(8)	16
Operator	1	Vicente Flores(8)	8
Foreman	0	Jorge Sanroman(0)	
			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
			<div style="border: 1px solid black; display: inline-block; padding: 2px;">Track hoe HITACHI</div>	EX-200-3	8
(3)Jack Hammer	Kent-20R	24	24"Core Cut	Hydraulic Saw	8

Materials			
Description	Quantity	Description	Quantity
Diesel Fuel	20 Gal		
(1)Load of debris removed			

Work Performed by Contractor or Subcontractor	
Company Name	Description of Work Completed
<u>C &amp; I CONSTRUCTIONS</u>	<i>As execution RFI 25 demolition of Fillet in the Wet Well on T&amp;M basis, the Contractor C &amp; I Construction saw cut and jack hammered concrete inside of wet well floor.</i>

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 _____ print name <u>Pedro Angel</u> signature print name <u>Cary Smith</u> <b>PMCM Representative</b>	signature print name <b>Juan Carlos Moreno</b> position: <b>Superintendent</b> <b>Contractor Representative</b>
---	--

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 10/26/2017

PA OK  
03/26/18

# Time and Material Record

## Construction Section-Date: 10/27/2017



Contract CD 5.01

Contract Description: PUMP STATION 418 UPGRADE

ER #: S049008

Contractor: METRO E.S.

Location: PS418

Company : METRO E.S.

Labor

Classification	Qty.	Names (Hours)	Total hrs
Superintendent	0	Juan Carlos Moreno (2)	2
Laborers		David Esteba(0) Ray Alard(8)	
<div style="border: 1px solid black; width: 100px; height: 15px;"></div>	2	Livan Perez(0)Rosendo Arreola(8)	16
Operator	1	Vicente Flores(8)	8
Foreman	0	Jorge Sanroman(0)	
			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
(3)Jack Hammer	Kent-20R	24	Track hoe HITACHI	EX-200-3	8
			24"Core Cut	Hydraulic Saw	8

**Materials**

Description	Quantity	Description	Quantity
Diesel Fuel	20 Gal		
(1)Load of debris removed			

**Work Performed by Contractor or Subcontractor**

Company Name	Description of Work Completed
<u>C &amp; I CONSTRUCTIONS</u>	<i>As execution RFI 25 demolition of Fillet in the Wet Well on T&amp;M basis, the Contractor C &amp; I Construction saw cut and jack hammered concrete inside of wet well floor.</i>

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 \_\_\_\_\_  
 print name Pedro Angel  
 signature   
 print name Cary Smith  
 PMCM Representative

signature   
 print name Juan Carlos Moreno  
 position: **Superintendent**  
 Contractor Representative

**Miami Dade Water and Sewer Department**

1- Original to MDWASD.  
 2- Duplicate to Contractor

Date: 10/27/2017

PA OK 03/26/18

# Time and Material Record

## Construction Section-Date: 10/30/2017



Contract CD 5.01

Contract Description: PUMP STATION 418 UPGRADE

ER #: S049008

Contractor: METRO E.S.

Location: PS418

Company: METRO E.S.

Labor

Classification	Qty.	Names (Hours)	Total hrs
Superintendent	1	Juan Carlos Moreno (2)	0
Laborers	1	Labor 1	0
	1	Labor 2	0
	1	Labor 3	0
Operator	1	Operator Heavy Equipment	1

### Equipment

Type (Qty)	Model	Hrs.A / I	Type	Model	Hrs.A / I
Compressor (1)	SULLIVAN 0210H - AC 1377	0	(2)Dewalt 4 1/2"grinder	DWE 43113	0
Skid Loader	LX-665 Turbo (8)	0	(2)Intertek12"Utility Blow	STFJ-30	0
(3)Jack Hammer	Kent-20R	0	Excavator Hitachi	EX-200-3	1
			24"Core Cut	Hydraulic Saw	0


### Materials

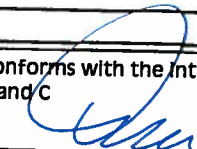
Description	Quantity	Description	Quantity
Diesel Fuel	0		
(1)Load of debris removed	1 trip		

### Work Performed by Contractor 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 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 \_\_\_\_\_  
 print name Pedro Angel  
 Inspector :   
 print name Omar Martinez  
 PMCM Representative

signature   
 print name Juan Carlos Moreno  
 position: Superintendent  
 Contractor Representative

## Miami Dade Water and Sewer Department

1- Original to MDWASD.  
 2- Duplicate to Contractor

Date: 10/30/2017

*FA ok 10/31/17*



# Time and Material Record

## Construction Section-Date: 10/31/2017



Contract <u>CD 5.01</u>	Contract Description: <u>PUMP STATION 418 UPGRADE</u>	
ER #: <u>S049008</u>	Contractor: <u>METRO E.S.</u>	Location: <u>PS418</u>

Classification	Qty.	Names (Hours)	Total hrs
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers		David Esteba(0) Ray Alard(8)	
	2	Livan Perez(8) Rosendo Arreola(8)	16
Operator	1	Vicente Flores(8)	8
Foreman	0	Jorge Sanroman(0)	
			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	8
New Holland	LX-665 Turbo (8)	8	(2)Intertek 12"Utility Blow	STFJ-30	8
(2)Jack Hammer	Kent-20R	8	Track hoe HITACHI	EX-200-3	8
			24"Core Cut	Hydraulic Saw	8

Materials			
Description	Quantity	Description	Quantity
Diesel Fuel	20 Gal		
(1)Load of debris removed			

Work Performed by Contractor or Subcontractor	
Company Name	Description of Work Completed
<u>C &amp; I CONSTRUCTIONS</u>	<i>As execution RFI 25 demolition of Fillet in the Wet Well on T&amp;M basis, the Contractor C &amp; I Construction saw cut and jack hammered concrete inside of wet well floor.</i>

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 _____ print name <u>Pedro Angel</u> Inspector : _____ print name <u>Omar Martinez</u> <b>PMCM Representative</b>	signature _____ print name <u>Juan Carlos Moreno</u> position: <b>Superintendent</b>  <b>Contractor Representative</b>

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 10/31/2017

PA ok  
 03/26/18

# Time and Material Record

## Construction Section-Date: 11/1/2017



Contract CD 5.01 Contract Description: PUMP STATION 418 UPGRADE  
 ER #: S049008 Contractor: METRO E.S. Location: PS418

Company : METRO E.S. Labor

Classification	Qty.	Names (Hours)	Total hrs
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers	1	Labor 1	8
	1	Labor 2	8
	1	Labor 3	8
Operator	1	Operator Heavy Equipment	4

**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
Skid Loader	LX-665 Turbo (8)	8	(2)Intertek 12"Utility Blow	STFJ-30	16
Jack Hammer	Atlas Copco TEX R90	0	Excavator Hitachi	EX-200-3	8
(3)Jack Hammer	Kent-20R	24	24"Core Cut	Hydraulic Saw	8

**Materials**

Description	Quantity	Description	Quantity
Diesel Fuel	20 Gal		
(1)Load of debris removed			

**Work Performed by Contractor 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 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 _____ print name <u>Pedro Angel</u> Inspector : _____ print name <u>Omar Martinez</u> PMCM Representative	signature _____ print name <u>Juan Carlos Moreno</u> position: <u>Superintendent</u> Contractor Representative
---	---

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 11/1/2017

PA OK  
11/26/17



# Time and Material Record

## Construction Section-Date: 11/2/2017



Contract <u>CD 5.01</u>	Contract Description: <u>PUMP STATION 418 UPGRADE</u>
ER #: <u>S049008</u>	Contractor: <u>METRO E.S.</u> Location: <u>PS418</u>

Classification	Qty.	Names (Hours)	Total hrs
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers	1	Labor 1	8
<div style="border: 1px solid black; width: 50px; height: 15px;"></div>	1	Labor 2	8
	1	Labor 3	8
Operator	0	Operator Heavy Equipment	0

Equipment		
Type (Qty)	Model	Hrs A / I
Compressor (1)	SULLIVAN 0210H - AC 1377	8
Skid Loader	LX-665 Turbo (8)	8
(3) Jack Hammer	Kent-20R	24

Type	Model	Hrs A / I
(2) Dewalt 4 1/2" grinder	DWE 43113	16
(2) Intertek 12" Utility Blow	STFJ-30	16
Excavator Hitachi	EX-200-3	8
24" Core Cut	Hydraulic Saw	8

Materials			
Description	Quantity	Description	Quantity
Diesel Fuel	20 Gal		
(1) Load of debris removed			

Work Performed by Contractor or Subcontractor	
Company Name	Description of Work Completed
<u>C &amp; I CONSTRUCTIONS</u>	<i>As execution RFI 25 demolition of Fillet in the Wet Well on T&amp;M basis, the Contractor C &amp; I Construction saw cut and jack hammered concrete inside of wet well floor.</i>

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 _____ print name <u>Pedro Angel</u> Inspector : print name <u>Omar Martinez</u> PMCM Representative	signature print name <u>Juan Carlos Moreno</u> position: <b>Superintendent</b> Contractor Representative

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 11/2/2017

PA OK  
 02/26/18

# Time and Material Record

## Construction Section-Date: 11/3/2017



Contract <u>CD 5.01</u>	Contract Description: <u>PUMP STATION 418 UPGRADE</u>
ER #: <u>S049008</u>	Contractor: <u>METRO E.S.</u> Location: <u>PS418</u>

Company : <u>METRO E.S.</u>	Labor		
Classification	Qty.	Names (Hours)	Total hrs
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers	1	Labor 1	8
<div style="border: 1px solid black; width: 100px; height: 15px;"></div>	1	Labor 2	8
	0	Labor 3	0
Operator	0	Operator Heavy Equipment	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
Skid Loader	LX-665 Turbo (8)	8	(2)Intertek12"Utility Blow	STFJ-30	16
			Excavator Hitachi	EX-200-3	8
(3)Jack Hammer	Kent-20R	24	24"Core Cut	Hydraulic Saw	8

Materials			
Description	Quantity	Description	Quantity
Diesel Fuel	20 Gal		
(1)Load of debris removed			

Work Performed by Contractor or Subcontractor	
Company Name	Description of Work Completed
<u>C &amp; I CONSTRUCTIONS</u>	<i>As execution RFI 25 demolition of Fillet in the Wet Well on T&amp;M basis, the Contractor C &amp; I Construction saw cut and jack hammered concrete inside of wet well floor.</i>

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 _____ print name <u>Pedro Angel</u> Inspector : _____ print name <u>Omar Martinez</u> PMCM Representative	signature _____ print name <u>Juan Carlos Moreno</u> position: <b>Superintendent</b> Contractor Representative

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 11/3/2017

PA OK  
11/24/18

# Time and Material Record

## Construction Section-Date: 11/6/2017



Contract CD 5.01

Contract Description: PUMP STATION 418 UPGRADE

ER #: S049008

Contractor: METRO E.S.

Location: PS418

Company : METRO E.S.

### Labor

Classification	Qty.	Names (Hours)	Total hrs
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers	1	Labor 1	8
	1	Labor 2	8
	1	Labor 3	8
Operator	1	Operator Heavy Equipment	4

### 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
Skid Loader	LX-665 Turbo (8)	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


### Materials

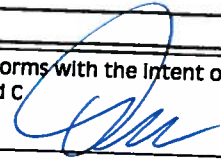
Description	Quantity	Description	Quantity
Diesel Fuel	20 Gal		
(1)Load of debris removed			

### Work Performed by Contractor 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 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 \_\_\_\_\_  
 print name Pedro Angel  
 Inspector :   
 print name Omar Martinez  
 PMCM Representative

signature   
 print name Juan Carlos Moreno  
 position: Superintendent  
 Contractor Representative

## Miami Dade Water and Sewer Department

1- Original to MDWASD.  
 2- Duplicate to Contractor

Date: 11/6/2017

*PA OK 03/26/18*



# Time and Material Record

## Construction Section-Date: 11/7/2017



Contract CD 5.01 Contract Description: PUMP STATION 418 UPGRADE  
 ER #: S049008 Contractor: METRO E.S. Location: PS418

Company : METRO E.S. Labor

Classification	Qty.	Names (Hours)	Total hrs
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers	1	Labor 1	8
	1	Labor 2	8
	1	Labor 3	8
Operator	1	Operator Heavy Equipment	4

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
Skid Loader	LX-665 Turbo (8)	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

Materials

Description	Quantity	Description	Quantity
Diesel Fuel	20 Gal		
(1)Load of debris removed			

Work Performed by Contractor 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 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

signature _____ print name <u>Pedro Angel</u> Inspector : _____ print name <u>Omar Martinez</u> PMCM Representative	signature _____ print name <u>Juan Carlos Moreno</u> position: <u>Superintendent</u>  Contractor Representative
---	---

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 11/7/2017

PA OK  
03/26/18

# Time and Material Record

## Construction Section-Date: 11/8/2017



Contract CD 5.01

Contract Description: PUMP STATION 418 UPGRADE

ER #: S049008

Contractor: METRO E.S.

Location: PS418

Company : METRO E.S.

Labor

Classification	Qty.	Names (Hours)	Total hrs
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers	1	Labor 1	8
	1	Labor 2	8
	1	Labor 3	8
Operator	1	Operator Heavy Equipment	2

### 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
Skid Loader	LX-665 Turbo (8)	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


### Materials

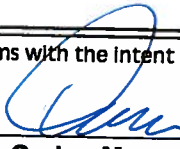
Description	Quantity	Description	Quantity
Diesel Fuel	20 Gal		
(1)Load of debris removed			

### Work Performed by Contractor 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 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 \_\_\_\_\_  
 print name Pedro Angel  
 Inspector :   
 print name Omar Martinez  
 PMCM Representative

signature   
 print name Juan Carlos Moreno  
 position: Superintendent  
 Contractor Representative

## Miami Dade Water and Sewer Department

1- Original to MDWASD.  
 2- Duplicate to Contractor

Date: 11/8/2017

PA ok  
 03/26/18



# Time and Material Record

## Construction Section-Date: 11/9/2017



Contract CD 5.01 Contract Description: PUMP STATION 418 UPGRADE  
 ER #: S049008 Contractor: METRO E.S. Location: PS418

Company : METRO E.S. Labor

Classification	Qty.	Names (Hours)	Total hrs
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers	1	Labor 1	8
	1	Labor 2	8
	1	Labor 3	8
Operator	1	Operator Heavy Equipment	4

**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
Skid Loader	LX-665 Turbo (8)	8	(2)Intertek 12"Utility Blow	STFJ-30	16
(3)Jack Hammer	Kent-20R	24	Excavator Hitachi	EX-200-3	8
			24"Core Cut	Hydraulic Saw	8

**Materials**

Description	Quantity	Description	Quantity
Diesel Fuel	20 Gal		
(1)Load of debris removed			

**Work Performed by Contractor or Subcontractor**

Company Name	Description of Work Completed
<u>C &amp; I CONSTRUCTIONS</u>	<i>As execution RFI 25 demolition of Fillet in the Wet Well on T&amp;M basis, the Contractor C &amp; I Construction saw cut and jack hammered concrete inside of wet well floor.</i>

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 _____ print name <u>Pedro Angel</u> Inspector : _____ print name <u>Omar Martinez</u> PMCM Representative	signature _____ print name <u>Juan Carlos Moreno</u> position: <u>Superintendent</u> Contractor Representative
---	---

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 11/9/2017

*PA OK 09/26/18*

# Time and Material Record

## Construction Section-Date: 11/10/2017



Contract <u>CD 5.01</u>	Contract Description: <u>PUMP STATION 418 UPGRADE</u>	
ER #: <u>S049008</u>	Contractor: <u>METRO E.S.</u>	Location: <u>PS418</u>

Company : <u>METRO E.S.</u>		<u>Labor</u>	
Classification	Qty.	Names (Hours)	Total hrs
Superintendent	1	Juan Carlos Moreno (2)	2
Laborers	1	Labor 1	8
<div style="border: 1px solid black; width: 100px; height: 15px;"></div>	1	Labor 2	8
	1	Labor 3	8
Operator	1	Operator Heavy Equipment	4

<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
Skid Loader	LX-665 Turbo (8)	8	(2)Intertek12"Utility Blow	STFJ-30	16
			Excavator Hitachi	EX-200-3	8
(3)Jack Hammer	Kent-20R	24	24"Core Cut	Hydraulic Saw	8

<u>Materials</u>			
Description	Quantity	Description	Quantity
Diesel Fuel	20 Gal		
(1)Load of debris removed	1 trip		

<u>Work Performed by Contractor or Subcontractor</u>	
Company Name	Description of Work Completed
<u>C &amp; I CONSTRUCTIONS</u>	<i>As execution RFI 25 demolition of Fillet in the Wet Well on T&amp;M basis, the Contractor C &amp; I Construction saw cut and jack hammered concrete inside of wet well floor.</i>

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 _____ print name <u>Pedro Angel</u> Inspector : _____ print name <u>Omar Martinez</u> PMCM Representative	signature _____ print name <u>Juan Carlos Moreno</u> position: <b>Superintendent</b> Contractor Representative
---	---

### Miami Dade Water and Sewer Department

1- Original to MDWASD.  
2- Duplicate to Contractor

Date: 11/10/2017

JCA OK  
 02/26/18