

COUNCIL AGENDA STATEMENT



Meeting Date: October 12, 2021
To: Honorable Mayor & Members of the City Council
From: Dan Saus, Utilities Director
Through: George Garrett, City Manager

Agenda Item: **Resolution 2021-99**, Approving Payment for Invoice 20216029 from Nationwide Plumbing Services in An Amount Not to Exceed \$109,868.00 for the EMERGENCY Repairs To The Force Main On US1; Authorizing The City Manager To Execute The Contract And Appropriate Budgeted Funds On Behalf Of The City; And Providing For An Effective Date.

BACKGROUND & JUSTIFICATION:

Back in 2009 before the City owned the wastewater treat facility at Little Venice the new development of Sea Grape was being completed and needed a way to tie into the central sewer system. To accomplish this, the City installed a 2” sewer force main from the ocean side of US1 all the way to the Little Venice treatment plant. That distance was over 8,000 linear feet. That 2” force main had been handling the sewage from Sea Grape since they connected in 2010. It was never intended to be permanent but past efforts to locate it in order to tie it in to the new 8” force main on the airport access road were repeatedly unsuccessful.

In August this line became blocked and could not be cleaned out with all our efforts. To expedite a repair and restore service to Sea Grape, we hired Nationwide Plumbing Service to help us keep Sea Grape pumped out while we simultaneously started excavating looking for the existing 2” line that was blocked. We finally located it, after several days of digging, on the north side of US1 just East of the vacuum station at the corner of US1 and Aviation Blvd. At that point we attempted to make a tie-in with the 8” force main but were thwarted because of existing cap rock. At that point we needed a large excavator and rock hammer. Once the rock was removed, we were able to complete a tie-in of the 2” into the 8’ line thereby eliminating the blocked section of 2” which has been abandoned.

Staff recommends approval of payment for Invoice #20216029 in the amount of \$109,868.00 to Nationwide Plumbing Services for the required pump outs, excavating, dewatering, etc, from August 9th through the 21st allowing our customers to have continuous sewer service during that time.

CONSISTENCY CHECKLIST:

	Yes	No
1. Comprehensive Plan	<u>X</u>	___
2. Other – 2010 Sewer Mandate	<u>X</u>	___
3. Not applicable	<u>X</u>	___

FISCAL NOTE:

The FY21 Wastewater Utility Budget includes appropriations of \$100,000 of operational contingency

RECOMMENDATION: Approval of Resolution.

**CITY OF MARATHON, FLORIDA
RESOLUTION 2021-99**

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF MARATHON, FLORIDA, APPROVING THE PAYMENT OF INVOICE 20216029 TO NATIONWIDE PLUMBING SERVICES, IN AN AMOUNT NOT TO EXCEED \$109,868.00; AUTHORIZING THE CITY MANAGER TO EXECUTE A CONTRACT AND EXPEND BUDGETED FUNDS ON BEHALF OF THE CITY; AND PROVIDING FOR AN EFFECTIVE DATE

WHEREAS, in accordance the City's competitive bidding procedures, on May 12th, 2020 a continuing services agreement was signed with Nationwide Plumbing Services; and

WHEREAS, Nationwide Plumbing Services was contacted, in an emergency situation, to keep our customer in sewer service and further to help us locate, excavate, and tie-in the existing 2" force main to the newer 8" force main; and

WHEREAS, the staff now recommends the City Council to approve a payment for the work described in Invoice 20216029 to Nationwide Plumbing Services, in an amount not to exceed \$109,868.00, as provided in Exhibit "A".

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MARATHON, FLORIDA, THAT:

Section 1. The above recitals are true and correct and are incorporated herein by this reference.

Section 2. The invoice 20216029, attached hereto as Exhibit "A" is hereby approved. The City Manager is authorized to expend budgeted funds on behalf of the City.

Section 3. This resolution shall take effect immediately upon its adoption.

PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF MARATHON, FLORIDA, THIS 12TH DAY OF OCTOBER, 2021.

THE CITY OF MARATHON, FLORIDA

Luis Gonzalez, Mayor

AYES:
NOES:
ABSENT:
ABSTAIN:

ATTEST:

Diane Clavier, City Clerk

(City Seal)

**APPROVED AS TO FORM AND LEGALITY FOR THE USE
AND RELIANCE OF THE CITY OF MARATHON, FLORIDA ONLY:**

Steve Williams, City Attorney



Nationwide Plumbing Services

97671 Overseas Hwy | Key Largo, FL 33037
305-853-1848 | info@nwpflkeys.com

RECIPIENT:

City Hall Marathon
9805 Overseas Highway
Marathon, Florida 33050

SERVICE ADDRESS:

Sea Grapes apartments
7159 Overseas Highway
Marathon, Florida 33050

For Services Rendered

Invoice #20216029	
Issued	08/03/2021
Due	10/13/2021
Total	\$109,868.00

PRODUCT / SERVICE	DESCRIPTION	QTY.	TOTAL
07/09/2021			



Nationwide Plumbing Services

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PRODUCT / SERVICE	DESCRIPTION	QTY.	TOTAL
07-09-2021 Service call for lift station inspection	<p>Service call for lift station service to be completed. Upon arrival customer notified service technicians of previous problems lift station has had. Commented such as lift station has constant high water alarm, pumps run for extreme excess amount of time.</p> <p>Pumps were removed from lift station with crane truck and thoroughly inspected. Found both pumps in lift station are running as stated on manufacture specifications. Pumps were reinstalled into lift station and found to not remove sewage at required flow rate.</p> <p>Disassembled and inspected check valves and shutoff valves for proper functioning order, ran pumps with no check valves in order to ensure no clog in lift station discharge lines. Upon proper flow rate, check valves were reassembled. City personnel was contacted in order to further inspect problem location.</p> <p>Pressure gauge as installed in order to ensure proper discharge pressures from both pumps. Found adequate pumping pressure from pumps.</p> <p>Discharge line from valve box leading outward was sewer camera inspected and hydrojetted as recommended by city personnel. Camera inspection was not visible due to constant slow returning backflow of sewage. Hydrojetting of drainage line found no results in clearing blockage.</p> <p>Additional excavation would be required in order to further hydrojet drainage lines and perform location. Lift station was pumped out and left emptied out, due to pumps not removing sewage from lift station.</p> <p>Vacuum truck, Hydrojetter, Crane truck, Plumber, Helper on site. Total time 9:00 am - 3:00 pm (6 hours) Pumped out lift station 5,500 gallons. Vacuum truck \$350 (6 hours) 6 x \$350 = \$2,100 Hydrojetter \$450 (6 hours) 6 x \$450 = \$2,700 Crane truck \$350 (6 hours) 6 x \$350 = \$2,100 Plumber and Helper (6 hours) 6 x \$200 = \$1,200</p>	1	\$8,100.00

07/10/2021



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PRODUCT / SERVICE	DESCRIPTION	QTY.	TOTAL
07-10-2021 Saturday	<p>Customer requested for weekend work to be performed due to pumps running continuously and not removing sewage, causing high water alarm to sound and property to back up.</p> <p>Emergency utility location was requested. Arrived on site with excavation equipment, hydrojetter, sewer camera, vacuum truck, location equipment. Upon excavation, found discharge line approximately 4 feet underground. Cut and removed section in order to perform additional hydrojetting, location and camera inspection. Hydrojetting and camera inspection was performed and found no additional issues leading to property main entrance gate.</p> <p>Entire discharge line was located leading up to entrance gate. Additional excavation was performed and found 4 inch sdr sewer drainage pipe approximately 5 feet under asphalt driveway.</p> <p>Section of discharge line was cut and removed in order to perform additional hydrojetting and camera inspection. Discharge lines were hydrojetted in each direction and found to be in proper functioning order. Sewer camera inspection was performed and found no visible problems with discharge line. Discharge line was hydrojetted approximately 600 linear feet along side overseas highway.</p> <p>Discharge line location was performed for entire drainage line leading from entrance gate towards Overseas Highway, and also running along side Overseas Highway. Location was found to find near stop sign on 72 street. According to city personnel this may be location of transition from 4 inch to 2 inch pipe, or transition to under highway bore was performed.</p> <p>Total time on site 8:00 am - 10:30 pm (14.5 hours) Excavator / Operator \$450 (14.5 hours) $\\$450 \times 14.5 = \\$6,525$ Vacuum truck \$350 (14.5 hours) $\\$350 \times 14.5 = \\$5,075$ Hydrojetter \$450 (14.5 hours) $\\$450 \times 14.5 = \\$6,525$ Plumber \$200 (14.5 hours) $\\$200 \times 14.5 = \\$2,900$</p>	1	\$21,025.00
07/12/2021			
07-12-2021 Monday	<p>Replaced incorrect section of piping, which was installed in order to start lift station throughout weekend. Section of piping was removed and replaced with proper size sdr discharge pipe.</p> <p>Total time on site 7:30 am - 12:15 pm (5 hours) Plumber \$300 (5 hours) $\\$300 \times 5 = \\$1,500$ Plumber / Helper \$300 (5 hours) $\\$300 \times 5 = \\$1,500$ Vacuum truck \$350 (5 hours) $\\$350 \times 5 = \\$1,750$</p>	1	\$4,750.00



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PRODUCT / SERVICE	DESCRIPTION	QTY.	TOTAL
07/14/2021			
07-14-2021 Wednesday	<p>Hydrojetter, Vacuum truck, Vac con truck, Sewer camera and location device, Excavator upon excavation completion for covering and street clean up. Arrived on site and performed hydroexcavation due to close proximity area to main roadway and highway.</p> <p>Hydro excavation was performed as best allowable with vacuum truck and vac con trailer, hydrojetter and vacuum truck, in order to reach section of sdr sewer pipe. Hydrojetter and pipe line location was performed under Overseas Highway, crossing all northbound and southbound lanes of traffic in order to locate southbound side of drainage line, which comes up from under highway at bore connection. Sewer line was located in corner area of south side of airport property.</p> <p>Total time on site 8:15 am - 5:05 pm (9 hours) Vacuum truck \$350 (9 hours) $\\$350 \times 9 = \\$3,150$ Vac con truck partial day (2 hours) $\\$450 \times 2 = \\900 Hydrojetter \$450 (9 hours) $\\$450 \times 9 = \\$4,050$ Sewer camera / location Excavator partial</p>	1	\$8,100.00
07/15/2021			
07-15-2021 Thursday	<p>Excavation on southbound side of airport nearest corner to highway to locate section of line, which ties into airport perimeter road side of sewer line. Upon excavation, found point of connection where sewer bore from under highway converts to sewer line. Found underground bore has 90 degrees angle and conversion down to 2 inch from 4 inch.</p> <p>Cut and removed section of piping and tested for proper flow from the lift station towards excavated area. Upon verifying proper flow from lift station, additional trench was excavated in order to discontinue use of damaged drainage line and run new 4 inch sdr drainage line to connect with existing 8 inch sewer main line in middle of perimeter roadway.</p> <p>Total time on site 7:45 am - 5:30 pm (9.75 hours) Vacuum truck \$350 (9.75 hours) $\\$350 \times 9.75 = \\$3,412.50$ Excavator \$450 (9.75 hours) $\\$450 \times 9.75 = \\$4,387.50$ Hydrojetter \$450 (9.75 hours) $\\$450 \times 9.75 = \\$4,387.50$ Sewer camera / location</p>	1	\$12,187.50
07/16/2021			



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PRODUCT / SERVICE	DESCRIPTION	QTY.	TOTAL
07-16-2021 Friday	<p>Additional excavator was brought to jobsite in order to break cap rock with large hammer attachment. Cap rock was removed and excavated in order to reroute and rerun newly installed sewer line to existing 8 inch main. Entire required area was excavated and sewer line exposed in order to add in new 8 inch by 4 inch wye fitting. Upon new sewer line installation and connection, new sewer line was bedded with prock and recovered, and compacted. Entire excavated area was covered with dirt from surrounding area and left in level condition. Section of roadway and extreme large rock, which were removed, were disposed at proper disposal site.</p> <p>City of Marathon will repair section of removed roadway and landscaping surrounding area</p> <p>Total time on site 5:00am - 8:30 pm (13 1/2 hours) Excavator Second Excavator / and Second operator Vacuum truck \$350 Plumber / Helpers Debris disposal trailer</p> <p>Vacuum truck 5:00 am -8:30 pm (13 1/2 hours) \$350 x 13 1/2 = \$4,725 Excavator and operator 5:00 am - 8:30 pm (13 1/2 hours) \$450 x 13 1/2 = \$6,075 Additional Excavator and operator 5:00 am - 8:30 pm (13 1/2 hours) \$450 x 13 1/2 = \$6,075 Plumber / Helper 11:00 am - 8:30 pm (8 1/2 hours) \$300 x 8.5 = \$2,550 Debris disposal truck / Trailer 4:45 pm - 8:00 pm (3 3/4 hours) Disposal cost \$500</p>	1	\$19,925.00
07/19/2021			
07-19-2021 Monday - Sea Grapes Apartments	<p>Sea Grapes Apartments. Excavator was used to cover all sections of piping, which were exposed in duration of sewer repairs. Both exposed areas were covered and compacted as best as allowable.</p> <p>Job time 8:00 am - 7:00 pm (11 hours)</p> <p>Excavator / Operator 8:00 am - 7:00 pm (11 hours) 11 x \$450 = \$4,950 Helper 8:00 am - 7:00 pm (11 hours) 11 x \$200 = \$2,200</p>	1	\$7,150.00
07/20/2021			



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PRODUCT / SERVICE	DESCRIPTION	QTY.	TOTAL
07-20-2021 Tuesday Restoration	<p>Sea Grapes Apartments. Section of driveway for apartment unit, which was removed was asphalted back. Left driveway in usable conditions.</p> <p>City of Marathon roadway area was further cleaned, in order to rake and remove all large rocks, which were on surface. Left roadway prepped for asphalt repair once ready.</p> <p>9:30 am - 3:30 pm (6 hours) Two Helpers \$200 x 2 Helpers x 6 = \$2,400</p>	1	\$2,400.00
07/21/2021			
Total Job time 238.5 hours	<p>Excavator / Operator \$450 Second excavator / Operator \$450 Vacuum truck \$350 Vac con truck \$450 Plumber / Helpers \$200 / \$300 after hours Hydrojetter / Location / Operator \$450 Shop materials, Area securing materials , Asphalt / Mulch restoration \$530.5 Plumbing Materials, Shop supplies, Other misc. materials. Pumped out and disposed of 46,500 gallons at out of county disposal site, before being advised of city taking over pump out services for property.</p>	1	\$530.50
07/09/2021			
07-09-2021 Pump out	5,500 gallons	5500	\$2,200.00
07/10/2021			
07-10-2021 Pump out	5,500 gallons x 3 = 16,500	16500	\$9,900.00
07/11/2021			
07-11-2021 Pump out	5,500 4,500 x 3 = 13,500	19000	\$11,400.00
07/12/2021			
07-12-2021 Pump out	5,500 gallons	5500	\$2,200.00



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Invoice requires that balances are due and payable on or before the due date set forth on the invoices. If not paid by the due date, the account is past due and in default, and finance charges will accrue until payment in full is made at the rate of 18% per annum or one and a half 1-1/2% per month or at the highest rate allowable by law. If it becomes necessary for Nationwide Plumbing Service to undertake collections or delinquent balances owed to Nationwide Plumbing Service by customer, customer agrees to pay any cost of collection.

Total	\$109,868.00
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City Hall Marathon
9805 Overseas Highway
Marathon, Florida 33050

For Services Rendered

Invoice #: 20216029
Due date: 10/13/2021
Amount due: \$109,868.00
Amount enclosed: _____

Mail to:
Nationwide Plumbing Services
97671 Overseas Hwy
Key Largo, FL 33037