



City of Galveston

CAPITAL PROJECTS STAFF REPORT

15 June 2020

To: Brian Maxwell, City Manager
Hon. Mayor and City Council Members

From: Trino Pedraza, Director of Municipal Utilities

RE: Consider for approval ratifying the City Manager's authorization for the emergency purchase of 1,500 ft of bypass hoses from Tubing & Metric Hydraulics in the amount of \$16,643.64, and the emergency installation of a double Hydrastop by Rangeline Tapping Services, in the amount of \$98,000.00. Authorizing the City Manager to execute all necessary documents upon final approval by the City Attorney.

I. Background

A. On 12 December 2019, Galveston City Council Approved a contract with EP Brady for the construction of a 24-inch transmission water main from 59th Street Pump Station to the Airport Pump Station. Construction for this project began March 2020.

II. Current Situation

- A. On May 15th 2020, EP Brady's directional drilling subcontractor encountered an unknown obstruction while installing the directional boring across and underneath Offats Bayou.
- B. Early indications and speculation were the City's 20" force main sewer line from Lift Station 21 to the Airport WWTP was hit and ruptured. City staff has been unable to verify that as fact, however there was a significant amount of raw sewage released into the area.
- C. City crews responded immediately to control the spill and divert the sewer flow with two bypass pumps and 1500 ft of bypass hose used to redirect sewer from Lift Station #21 to a separate sewer line on Jones Dr. It was determined a double line-stop and permanent valve would need to be installed to stop the reverse flow of sewage from the wastewater treatment plant into Offats Bayou. The release was cleaned and an effort to determine its origin began. In the potential area of the hit, an abandoned 18" sewer main and the 20" force main are near each other. The abandoned sewer main was never grouted, it was abandoned in place, and still connected to an active collection system manhole.
- D. We know that something was hit by the directional boring and that effort was halted until corrective actions could be established and taken.
- E. The lift station and force main were placed back into service May 20th, 2020. There has been no further release of sewage, however the City must determine where and if the force main is damaged and map it so that a new waterline boring path can be planned in a manner that assures the City that the new line does not conflict with the 20" force main.
- F. The next steps are to assess the condition of the force main with the CoG sewer camera system, and to determine the location of the existing 20" force main from lift station





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#21, across Offats Bayou, and to the Airport wastewater treatment plant using an advanced mapping probe. This investigative work will need be completed to ensure a proper boring path for the future 24” waterline. The CoG is finalizing plans and examining the costs to perform these necessary action items in preparation for August City Council meeting.

III. Issues

This work was necessary to provide for the care of the community and for the completion of this project. The continued efforts to come will be necessary to ensure project success.

V. Alternatives in order of priority

- A. Approve ratifying the City Manager’s authorization of the emergency repairs by Tubing & Metric Hydraulics (\$16,643.64) and Rangeline (\$98,000) in the total amount of \$114,643.64.
- B. Do not approve the request.

VI. Recommendation

- A. Consider for approval ratifying the City Manager’s authorization for the emergency purchase of 1,500 ft bypass hoses from Tubing & Metric Hydraulics in the amount of \$16,643.64, and the emergency installation of a double Hydrastop by Rangeline Tapping Services, in the amount of \$98,000.00. Authorizing the City Manager to execute all necessary documents upon final approval by the City Attorney.

VII. Fiscal Impact Report

Requested by:	Trino Pedraza Director of Municipal Utilities
Funding Source:	Sewer CO’s
Total Cost of Implementation	\$ 98,000.00

Respectfully Submitted,

Trino Pedraza
Director of Municipal Utilities





Quote Number
RTS20-7855JT

SBE Certified Contractor

May 18, 2020

Quote No. RTS20-7855JT

Please Return
Signed Quote
To Schedule

City of Galveston, Texas
HHudson@GalvestonTX.Gov

Attn: Dan Hudson
Phone: (409) 539-2381

Re: (1) 20" Single Line Stop – 24" Sewer Main HDPE BRAKE HDPE IPS DR 11– Galveston, Texas

Rangeline Tapping Services, Inc. will provide Epoxy Coated Line Stop fittings with Stainless Steel Hardware, unless otherwise specified and perform the following:

Unit	Size	Pipe Type	Double Line Stop Water Main (80 PSI or less)	TOTAL	Line Stop Equipment Overnight charges After 7PM on 2 nd Calendar Day "When Equipment is on the Pipe"
1	24"	HDPE IPS DR11	\$90,000.00	\$90,000.00	\$2,000.00 Per day Per 24" Line Stop Unit.

Note: Rangeline cannot guarantee a 100% shutdown due to debris and sediments in the pipe.

Prices are based on the following below:

- Line Stop Please allow 10 - 14 days notice for scheduling after receipt of materials to ensure availability. Projects that require shorter lead times may incur additional charges.
- **HDPE pipe applications contractor must encase each line stop fitting in concrete.**
- **Rangeline will set two line stops – one line stop will be set backwards to slow the flow and the second line stop will be set forwards to stop the flow.**
- **If project cancels after the line stop fittings are ordered Rangeline will charge for equipment setup, mobilization, hot shot fee, and (2) line stop fittings, plus any additional labor or materials that occurred.**
- **If Rangeline only needs to install one line stop because the flow is does not exceed 1FPS Rangeline will bill \$70,000.00 for (1) 24" Emergency Single Line Stop.**
- If the type of pipe changes from what we have quoted above, prices and scheduling may vary. Contractor or Municipality is responsible for verifying the type of pipe and it's O.D.
- Price does not include "Sales Tax" on supplied material.
- Rangeline may require a pre-construction meeting prior to scheduling any services.
- Normal daytime hours (7:00AM- 7:00 PM) Monday through Friday. Technician(s) will have a \$200.00 per hour after hours charge, portal-to-portal. Additional Expenses will be charged at our cost plus 30%.
- **Rangeline will allow (2) Mobilizations/De-Mobilizations to the job-site. Additional trips will be \$2,500.00 per trip.**
- If Rangeline arrives at the jobsite to perform scheduled work that does not get performed, through no fault of Rangeline Tapping Services, an additional trip charge will be charged regardless of the number of Mobilizations allowed for the scheduled work.
- Canceling a scheduled project after the technician(s) have left the shop will result in a Cancellation Fee, please refer to Terms and Conditions #13 (Page 4). This includes weather related cancellations.



Rangeline Tapping Services, Inc.
Main Office ♦ (800) 346-5971

13168 Highway 105 E
Conroe, TX 77306
(936) 445-2171 □ (936) 264-9108





Quote Number
RTS20-7855JT

SBE Certified Contractor

- Rangeline will allow each Line Stop to be left **in place for (2) calendar day(s)** or less. Each additional day will be charged as noted above including weekends if the line stops remain of the pipe past 7:00pm on 2nd day.
- Stand-by charges will be billed at \$150.00 per hour / per technician during normal daytime hours and \$250.00 per hour / per technician during after hours.
- Stand-by charges for equipment on the truck from portal-to-portal at \$1,250.00/per day.
- **I have read and understand the conditions on which these prices are based upon. (Initials) _____**

This is a 4-page proposal. Please read it in its entirety, then sign and return page 4 prior to scheduling work.

Please see the attached page for the customer's responsibility.

Additional charges may be added for ID badges, security check-in or job postponements due to site events.

Above costs do not include office expense for extensive contract agreements.

Sub-Contract agreements (when required) must be received by Rangeline Tapping Services, Inc. prior to starting work. Rangeline will not be responsible for meeting any requirements stated in a Sub-Contract agreement after the proposed work has begun.

Certificates of insurance with contractor as a certificate holder can be provided at no cost. Adding contractor as additional insured cannot be done unless we have a written contract with your company. Coverage required above the limits of our policy is not included.

Quotation is valid for 90 days.

No retainage allowed.

If you have any questions, please feel free to contact our sales team in your region listed below:

Vice President Gulf Coast Sales
Jarred Tompkins
(346) 600-3390 jarred@Rangeline.com

Gulf Coast Inside Sales Manager
Brian Marks
(205) 625-3233 brian@rangeline.com



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RTS20-7855JT

SBE Certified Contractor
National & International Sales
Greg Foushi
(407) 453-1060 greg@rangeline.com

Thank you for the opportunity to quote your project!

Please visit our “NEW” website at www.rangeline.com

CUSTOMER IS RESPONSIBLE FOR THE FOLLOWING:

- Flow rates of 1 ft/sec for Single position Line Stops or 2 ft/sec for Double position Line Stops shall not be exceeded.**
- Excavating, de-watering, shoring, and/or scaffolding of job area, all of which must comply with OSHA standards.
- 12’ extension ladder, light pole, and pump for de-watering.
- Scheduling inspectors and obtaining permits as necessary.
- Labor assistance of 1 man to be supervised by Rangeline Technician(s).
- Lifting services if necessary.
- Concrete pipe anchor or mega lug joint restraint system if required.
- Concrete support for the Line Stop Fitting if required.
- O.D. measurements prior to scheduling.
- Pipe wall thickness prior to scheduling.



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Rangeline Tapping Services, Inc. - Terms and Conditions

1. Rangeline has issued this quotation based upon all information provided by the Customer.
2. All prices quoted are subject to current sales and use taxes. Any increase or enactment of new sales, use, excise or similar taxes shall be for the account of Customer. The price does not include any amounts for changes in taxes, tariffs, or other similar charges that are enacted after the date of this Quotation. Subcontractor shall be entitled to an equitable adjustment in time and money for any costs that it incurs directly or indirectly that arise out of or relate to changes in taxes, tariffs, or similar charges due to such changes, including, without limitation, escalation, delay damages, cost to re-procure, cost to change suppliers, costs of manufactured equipment or goods, or other costs of any kind resulting from the changes.
3. The prices quoted above are based upon the quantities, sizes and operating conditions as listed above. Any changes in quantities, sizes or operating conditions of the system will void this quotation and a new quotation will be issued on the basis of changed information or operating conditions. Any projects that are booked and in progress that require changes in the quantities, sizes and/or operating conditions that differ with this quotation will be subject to pricing changes based upon new data related to the project.
4. In the case of unusual or non-typical pipe variations the customer will be subject to additional costs.
5. The base price quoted is the minimum charge for the number of days allowed and is not subject to pro-ration for work completed early. Time on site for calculating the base period and the additional days commences the day the technician or equipment are on the job site, and ends when equipment leaves the job site or customer's custody. Any additional days the equipment is on the job site will be paid by Customer at the per day charge quoted. When jobsite or travel days fall on weekends or holidays, the price quoted will be increased according to the job value.
6. Rangeline shall not be held liable for any back charges without prior written consent of Rangeline. Rangeline does not guarantee that the placement of the Line Stop head(s) into the pipe system the first time will provide a "Workable" shutdown. In the event it is necessary for Rangeline to remove the Line Stop head and replace a seal and make any adjustments to the head/equipment such activity shall not be considered a delay of work at the job site. **Rangeline cannot guarantee a 100% shut-down due to debris and sediment in the pipe.**
7. Rangeline makes every effort to ensure "OSHA" safe working conditions for its employees. Customer agrees and shall provide Rangeline employees with safe working conditions prior to entering the work place.
8. Rangeline cannot take responsibility for actions other than its own employees. Rangeline will be liable and will hold Customer harmless from the compensatory but not consequential damages caused solely by defect in Rangeline's equipment or caused solely by the negligence of Rangeline employees in the operation of the equipment. All other losses, costs, expenses, liability, or damages arising from or connected with the performance of the work will not be the responsibility of Rangeline and customer will indemnify and hold Rangeline harmless there from.
9. Rangeline makes no warranty on any purchased products. Please refer to manufacturer for details on warranty.
10. **Manufacturers of Valve Inserts do not guarantee a 100% shutdown. Rangeline cannot exceed the Manufacturers' guarantee of valve performance. We install all valve inserts as per manufacturers' specified procedures. NOTE: Valve Inserts are not designed to be pressure tested against. A 30% restocking fee will be assessed for all returned Valves.**
11. In the case of unusual line stopping conditions, Rangeline may require an owner of the piping system or their representative to be present during the pressure testing of materials and insertion of the Line Stop into their system
12. Rangeline will provide Tapping and Line Stopping equipment and a technician to operate equipment. Customer is responsible for providing all other equipment, supervision and labor necessary to complete the work including inspection, testing, safety and control equipment, lifting and moving equipment, etc.
13. Customer shall pay for all costs and expenses incurred by Rangeline because of rescheduling or cancellation by the customer for any reason including inclement weather.
14. In regards to concrete pipe only, the condition of the interior mortar lining may adversely affect the percentage of the amount recovered during tapping operation. Rangeline cannot be held responsible for any unforeseen, and or diminished conditions of such pipe.
15. **All Tapping Sleeves & Line Stop materials fabricated for PCCP & RCP pipes are non-returnable once fabricated. The customer is responsible for the accumulated costs of the materials, freight and sales tax for all these items once ordered. These materials are custom ordered and "NON-RETURNABLE".**
16. The supply of bid and or performance bonds is excluded. We supply these bonds only when specifically stated on the quotation.
17. Any invoice unpaid for more than 30 days will be subject to the maximum finance charges allowed by applicable state law. Rangeline does not allow retainage on any invoices.
18. Clerical errors are subject to correction.
19. Notwithstanding these terms and conditions or any amendments thereto or terms and conditions of the customer who may be deemed part of this agreement, Rangeline shall not be liable for any losses, costs, expenses, liability or damages arising from or connected with the performance of the work not covered by Rangeline's liability insurance in effect at the time of such loss, etc., and Customer shall hold Rangeline harmless for any loss, etc., in excess of coverage. Rangeline will provide Customer a certificate of its liability insurance upon request.
20. In the event it becomes necessary for Rangeline to retain legal counsel to enforce its rights the customer agrees that it shall be responsible for payment of all reasonable attorney's fees, expenses and costs incurred
21. Rangeline shall not be held liable for any pipe which breaks or leaks as a result of material installation, tapping pipe, line stopping pipe or completion of line stop fitting. Rangeline follows all material manufacturers' installation procedures and operates all equipment to manufacturer's standards and cannot be held responsible for pipe which fails during the Tapping and Line Stopping operation.
22. Rangeline will take all means available to capture the pipe coupon. Pipe integrity, flow rates and other unknowns at the time of the Wet/Hot Tapping operation can be contributing factors. Therefore, Rangeline cannot be responsible for any lost or pieces of coupons which do not come out after the tap is performed.
23. Rangeline does not guarantee a 100% leak free Completion Plug installation. The Completion Plug is a temporary seal to remove the isolation valve to install the permanent blind flange and sealing hardware.
24. Rangeline will not be responsible for reduced flow through temporary by-pass system due to solids or debris clogging by-pass operations.

Customer

Rangeline

Signature _____ Date _____

Signature _____ Date _____

Customer acknowledges and accepts all information regarding supplied quotation.



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Rangeline Tapping Services, Inc.
 P.O. Box 210155
 Royal Palm Beach, FL 33421
 Ph 1-800-346-5971 Fax 561-798-2113

Invoice

INVOICE DATE	INVOICE #
5/20/2020	TX-804-1

Galveston City Of
 Public Works Dept.
 823 25th Street
 Galveston, TX 77550

P.O. NO.
P2008664

TERMS	DUE DATE	Sales Rep	JOB NAME	Technician
Net 30	6/19/2020	JWT	24" Sewer Main HDPE Brake	JW

ITEM	QUANTITY	DESCRIPTION	RATE	AMOUNT
24 DLS	1	Dates of Service: 05/19/2020 & 05/20/2020 24" DOUBLE LINESTOP - HDPE DR 11 - OD 24.00 - FM (Pull & Complete)	98,000.00	98,000.00
Stand By	7	Stand-By Fee at \$150.00 per hour as per the quote. On 05/19/2020 Rangeline was onsite as scheduled at 8:00am and could not start work until 3:00pm due to the contractor still excavating the hoole.	150.00	1,050.00
NC	7	No Charge for the stand by time per John Rakoczy, President of Rangeline Tapping Services, Inc	-150.00	-1,050.00

DocuSigned by:
Trino Pedraza • 6/15/2020 | 9:19 PM CDT
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RECEIVED
 PUBLIC WORKS

MAY 28 2020

DEPARTMENT

Thank You For Your Business.		Total	\$98,000.00
E-mail	Web Site	Payments/Credits	\$0.00
rangeline@rangeline.com	www.rangeline.com	Balance Due	\$98,000.00



Sales Order

Tubing and Metric Hydraulics, Inc.
 PO BOX 2496 - Alvin, TX 77512
 Tel: 281-331-1600

Date	S.O. No.
5/16/2020	21339

Name / Address
City of Galveston PO Box 779 Galveston, TX 77553

Notes
City of Galveston PO Box 779 Galveston, TX 77553

Sales Rep	Terms	Entered By	Ship Via	P.O. No.
	NET 30	CODY/ GEORGE		

Qty	Item	Description	U/M	Rate	Amount
14	HOSE ASSEM...	BLACKLAYFLAT-6" x 100' C/W MALE AND FEMALE CAMLOCK, BANDED		1,011.75	14,164.50
1	HOSE ASSEM...	BLACKLAYFLAT-6" x 100' MALE CAMLOCK & MALE AND FEMALE BAUER FITTING		1,120.14	1,120.14
18	After Hours	After Hours		75.00	1,350.00

LIMITED WARRANTY: TM Hydraulics, Inc. warrants the products described herein and assembled by TM to be free from defects in materials and workmanship for a period of 90 days from date of sale. The warranty does not apply to products that have been subjected to abuse, negligence, accident or misapplication. TM's sole obligation under this warranty being limited to repairing or replacing said product. The foregoing constitutes TM's sole obligation with respect to damages, whether direct, incidental or consequential resulting from the use or performance of the product. TERMS OF SALE: There will be a minimum 20% re-stocking charge on all returned items. Customer agrees to pay all fees incurred by TM Hydraulics, Inc. in collection of payments.

Subtotal	USD 16,634.64
Sales Tax (6.75%)	USD 0.00
Total	USD 16,634.64

Signature _____

Print _____



Invoice

TUBING & METRIC HYDRAULICS, INC.
 PO BOX 2496 - Alvin, TX 77512
 Tel: 281-331-1600

Date	Invoice #
5/29/2020	123212

Bill To
City of Galveston PO Box 779 Galveston, TX 77553

Entered By	Equipment No	PO No.	Terms	Due Date	Rep	Sales Order
CODY/GEORGE		P2008692	NET 30	6/28/2020		21339
Item	Description	Qty	U/M	Rate	Amount	
HOSE ASSEMBLY	BLACKLAYFLAT-6" x 100' C/W MALE AND FEMALE CAMLOCK, BANDED	14		1,011.75	14164.50	
HOSE ASSEMBLY	BLACKLAYFLAT-6" x 100' MALE CAMLOCK & MALE AND FEMALE BAUER FITTING	1		1,120.14	1,120.14	
After Hours	After Hours	18		75.00	1,350.00	
DocuSigned by:  6/17/2020 8:18 AM CDT C0C041C40862484...						

LIMITED WARRANTY: Tubing & Metric Hydraulics, Inc warrants the products described herein and assembled by T&M to be free from defects in materials and workmanship for a period of 90 days from date of sale. The warranty does not apply to products that have been subjected to abuse, negligence, accident or misapplication. T&M's sole obligation under this warranty being limited to repairing or replacing said product. The foregoing constitutes T&M's sole obligation with respect to damages, whether direct, incidental or consequential resulting from the use or performance of the product.
 TERMS OF SALE: There will be a minimum 20% re-stocking charge on all returned items. Customer agrees to pay all fees incurred by Tubing & Metric Hydraulics, inc. in collection of payments.

Subtotal USD 16,634.64

Sales Tax (6.75%) USD 0.00

Total USD 16,634.64