

**EAST CENTRAL BALDWIN COUNTY  
WATER, SEWER AND FIRE PROTECTION AUTHORITY  
22844 County Road 87  
Robertsdale, AL 36567**

Phone 251-942-1242

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**ARPA FUNDING REQUEST  
LEHMAN ROAD WATERMAIN CONFLICT  
July 26, 2022**

**Description of the Problem:**

During Hurricane Sally's impact on the Gulf Coast, the cross drain on Lehman Road at (30.487192, -87.661496) was severely eroded, causing Lehman Road to be impassible. To repair this damage, the Baldwin County Commission applied and received Hazard Mitigation Funds to rebuild and enlarge the cross drains to prevent future erosion issues and improve the roadway. However, due to the fact, that the cross-drain size was increased to mitigate future stormwater, it became evident that the existing 6" domestic waterline was in conflicted with this mitigation effort. This would mean that in order for the mitigation project to be completed, the water main would have to be relocated or removed from the project area. Because the 6" line serves as a valuable loop in the water distribution system, permanently capping off the main on each side of the cross-drain is not a viable option.

**Scope of Work:**

ECBC Water Authority is proposing that its technicians cap off the water main on each side of the cross-drain area so as not to hinder the contractor's timeline. Subsequently, contracting a crew to bore under the project area (30.487192, -87.661496) below the existing mudline 10' whereas eliminating a conflict with the mitigation efforts. After the new line is successfully installed ECBC personnel will tie in the new line with the existing 6" main. Once completed, the redundancy of having a loop in this area of the system will ensure water quality and quantity remain at a high standard. In addition, the loop further reduces the chances of disinfectant by-products in dead-end lines.

**Description of the Funding Proposed Project:**

ECBC Water Authority is proposing to use ARPA funds to directly reimburse the boring cost of \$8,000.00 and 6" piping material at the cost of \$2,084.28. See the attached estimates.

**Alternative solutions:**

The only alternative solution would be permanently capping off the 6" water main on each side of the project area. This would reduce the "loop" in the water system that assists with supplying water for domestic and fire protection purposes. Without this water main, the existing water pressure and gallons per minute of water servicing the area would be drastically affected. The water system is developing an interconnection with the Town of Summerdale in this area to provide water in an emergency. Not completing this project will decrease the effectiveness of the interconnect being constructed. Without this project completed, it is likely that water quality will suffer by increasing the possibility of disinfectant by-products.



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Due to the continued cost and supply challenges in the DUCTILE IRON PIPE, PVC and HDPE markets, the pricing of these products will be based solely on the availability at the time of shipment. Also, given the volatility in these markets we will not be responsible for product availability and shipment delays, as they are out of our control. Bid prices should be considered an estimate, materials will only be priced at time of shipment until the current supply chain challenges are resolved. These terms are in leu of our standard terms. We appreciate your partnership.

CUSTOMER NO	QUOTING BRANCH	QUOTE NO	QUOTE DATE	PAGE
222407	FORTILINE SUMMERDALE	6213767	6/14/22	1

CUSTOMER	PROJECT INFORMATION
EAST CENTRAL BALDWIN COUNTY 22844 COUNTY ROAD 87 ROBERTSDALE, AL 36567	6" DR11 DIPS

LINE	QTY	UOM	DESCRIPTION	UNIT PRICE	TOTAL PRICE
			***** GIVEN THE CURRENT PRICING AND SUPPLY CHAIN CHALLENGES ALL MATERIAL WILL BE PRICED AT TIME OF SHIPMENT AND THE PRICES BELOW ARE TO BE USED AS AN ESTIMATE FOR BID PURPOSES ONLY *****		
10	160	FT	6DR11DIPSBS	11.0000	1,760.00
20	2	EA	6" DR11 HDPE DIPS BLUE STRIPE 6MJASDR11DIPS 6" DR11 DIPS HDPEXMJ ADAPTER LESS STIFFENER, WITH KIT	162.1400	324.28
				Subtotal:	2,084.28
				Tax:	.00
				Bid Total:	2,084.28

**ALL STOCK DELIVERIES ARE SUBJECT TO SHIPPING CHARGES**

All PVC and HDPE material is quoted for shipment within 7 days of quote/bid date. All other material is quoted for shipment within 30 days of quote/bid date.

After 7 days for PVC and HDPE or 30 days for all other material, ALL quoted prices are subject to review based on current market conditions.

Ent By SMG 6/14/22 17:39:14

# A-Long Boring, Inc

P. O. Box 1926 - Fairhope, AL 36533  
Phone (251)928-4934 - Fax (251)928-4253

## Estimate

Date	Estimate #
6/15/2022	2363

Name / Address
East Central Baldwin Water 22844 County Road 87 Robertsdale, AL 36567

Project

Description	Qty	Rate	Total
Lehman Road  Bore HDPE 6"  Price does not include material, pit excavation, traffic control, permits, or restoration.	160	50.00	8,000.00
Thank you for the opportunity to be considered for this job. We look forward to working with you!	<b>Total</b> \$8,000.00		