

# Request for Proposal

for the

## **Reed Drive**

(Mallard Drive to Loon Drive)

Stormwater Pipe & Appurtenance Repair

Hurricane Florence Damages

Town of Emerald Isle  
7500 Emerald Drive  
Emerald Isle, North Carolina 28594



Prepared by:

Crystal Coast Engineering, PA

205-3 Ward Road

Swansboro, NC 28584

Business License C-2553

April 8, 2020

**Construction Bid / Proposal Request**  
**Reed Drive Stormwater Pipe & Appurtenance Repairs**  
**Hurricane Florence Damages**

The Town of Emerald Isle will receive bids and qualifications  
**no later than 2 p.m. on Monday April 20, 2020**

**Deliver Submittals to:**

Town of Emerald Isle  
7500 Emerald Drive  
Emerald Isle, NC 28594  
Attn: Artie Dunn, Public Works Director

**Owner**

Town of Emerald Isle (hereinafter "Town")  
7500 Emerald Drive  
Emerald Isle, NC 28594  
Phone: (252) 354-4450  
Email: adunn@emeraldisle-nc.org

**Contractor**

Company \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone \_\_\_\_\_  
Email \_\_\_\_\_  
Submittal Date \_\_\_\_\_

**Project**

**Reed Drive (Mallard Drive to Loon Drive)**  
Stormwater Pipe & Appurtenance Repairs  
Hurricane Florence Damages

**Scope of Work**

All aspects of the Construction described herein and per the project plans and specifications by Crystal Coast Engineering, PA, and if any, additional contract agreement(s), conditions, supplements and/or addenda per Town.

**Bids**

All bids should include the following:  
-Experience and Qualifications - Provide a description and history of work experience, including references;  
-Copy of General Contractor Licensure; and  
-this completed Bid Form, and signed Proposal Summary.

**Special Instructions**

It is the Contractor's responsibility to inspect the project site and ensure the values proposed are sufficient (provide for overhead, profit, equipment, materials, etc.) for complete, safe and workmanlike construction.

Six (6) - 8" diameter (+/-) corrugated plastic pipes (per observation at ground surface) convey stormwater from asphalt parking north of Reed Drive, to the existing Reed Drive Town piping. These pipes are to be connected to the new N-12 WT IB HDPE 24" diameter pipes via Inserta Tee® lateral connections (or approved equal).

The extent of existing concrete pipes at the east and west project limits are unknown. Connect existing concrete pipe to NEW N-12 Pipe via Mar mac® Polyseal pipe coupler (or approved equal). Concrete pipe found to be damaged shall be replaced with N-12 (Coordinate w/ Town Public Works Dept.).

Therefore, on the following pages, propose / bid cited work without known extent at delivered, installed and completed UNIT values upon which payment(s) shall be made.

# Bid Form

Item	Description	Unit	Qty	Unit Price	Total
1	Mobilization	LS	1		\$ _____
2	Traffic Control	LS	1		\$ _____
3	Construction Surveying / Layout	LS	1		\$ _____
4	Establish and maintain, until land disturbance stabilized, Erosion and Sediment Control measures in accordance w/ the current NCDEMLR Erosion & Sediment Control Design Manual and applicable Law.	LS	1		\$ _____
5	Asphalt driveway cut, excavation, appropriate disposal and replacement	LS	3		\$ _____
6	Removal and appropriate disposal of existing Corrugated Plastic Pipe (Qty Estimated)	LF	1,000	\$ _____	\$ _____
7	Removal and appropriate disposal of existing Drop Inlets - retaining frames and grates for reuse	EA	3	\$ _____	\$ _____
8	Replace Drop Inlets per manufacturer with ADS HDPE Riser Tee / Inlets, including Concrete Collar and reinstallation of retained Frame and Grate	EA	3	\$ _____	\$ _____
9	Install New / Proposed Drop Inlet per manufacturer with ADS HDPE Riser Tee / Inlets, including Concrete Collar and New Frame and Grate	EA	1	\$ _____	\$ _____
10	Install 24" Dia. ADS N-12® WT IB PIPE (Qty Estimated)	LF	1,000	\$ _____	\$ _____
11	Connect existing concrete pipe to NEW N-12 Pipe via Marmac® Polyseal pipe coupler	EA	2	\$ _____	\$ _____
12	Connect 8" diameter (+/-) corrugated plastic pipes from asphalt parking to the new N-12 WT IB HDPE 24" diameter pipes via Inserta Tee® lateral connections	EA	6	\$ _____	\$ _____
13	Final Grading & Stabilization - permanent seeding w/ amendments, mulch, etc., in accordance with the current NCDEMLR Erosion & Sediment Control Design Manual	LS	1		\$ _____
				<b>TOTAL</b>	\$ _____

### **Unit Prices**

The bid unit prices, if accepted, evidenced by the Award of Contract, shall be applied in computing the value of changes, additions, deletions, and substitutions, which may be made in the work (per the Town). Each unit price provided is therefore acknowledged and agreed to include all work, materials, and incidentals necessary to complete the items. Should necessary changes involve work for which no unit price has been included in the proposal, such work shall be done at a price first agreed upon in writing by the Contractor and the Town.

### **Interpretation of Contract Documents**

If any Contractor submitting a proposal is in doubt as to the true meaning (or scope) of the project Drawings, Conditions, Specifications, etc., or if any discrepancies are found therein, a written request should be submitted to the Town for an interpretation or correction thereof, no later than three (3) days prior to the submittal date.

Failure to request such clarifications is a waiver to any claim by the Bidder for expense made necessary by reason of later interpretation of the Contract Documents by the Bidder or Town.

Contractor, before submitting a proposal for the project, shall visit the site and become thoroughly familiar with all existing conditions.

### **Contract Award**

Award of the Contract to the lowest responsible bidder shall be in compliance with all regulatory criteria for the stated compensation. Contractor shall supply any documents required (by Town), including, but not limited to, certificates of appropriate licensure and insurance within three (3) calendar days of the notification of award and guarantee completion of the work within 45 calendar days thereafter.

**NOTE:** Bid and/or Performance Bonds are not required at this time for project.

### **Terms & Conditions**

The terms of this Request for Bids and your response thereto will be incorporated into the terms of the final agreement if your firm is the successful bidder.

- The bidder receiving the award shall furnish active NC General Contractors License Number.
- The bidder receiving the award will obtain or possess the following insurance coverages, and will provide Certificates of Insurance to the Town, with the Town listed as Additional Insured:
  - Workers' Compensation (as required by the State of North Carolina)
  - Commercial General Liability for bodily injury, property damage, or personal injury
  - Business Automobile Liability
- The bidder awarded this contract shall maintain adequate records to justify all charges, expenses, and costs incurred in estimating and performing the work for at least five (5) years after completion of the contract resulting from this RFP.
- The bidder agrees to the following Federal provisions as applicable: Equal Employment Opportunity (41 C.F.R. Part 60); Davis-Bacon Act (40 U.S.C. 3141-3148); Copeland "Anti-Kickback" Act (40 U.S.C. 3145); Contract Work Hours and Safety Standards Act (40 U.S.C. 3701-3708); Clean Air Act (42 U.S.C. 7401-7671q.) and the Federal Water Pollution Control Act (33 U.S.C. 1251-1387); Debarment and Suspension (Executive Orders 12549 and 12689); Byrd Anti-Lobbying Amendment (31 U.S.C. 1352); Procurement of Recovered Materials (2 C.F.R. § 200.322); and Record Retention Requirements (2 CFR § 200.324)
- The Town of Emerald Isle reserves the right to reject any and all bids.

## Proposal Summary

### Reed Drive Stormwater Pipe & Appurtenance Repairs Hurricane Florence Damages

The Contractor proposes to provide all labor, materials, equipment, transport, safety measures, environmental protection, insurance, etc., for the complete and workmanlike construction of the proposed repairs in exchange for the Lump Sum and Unit Prices provided herein by Contractor as well as having carefully examined the following addenda:

Addendum #:

Dated:

Addendum #:

Dated:

TOWN:

Reserves the right to reject any and all bids, or to accept any bid.

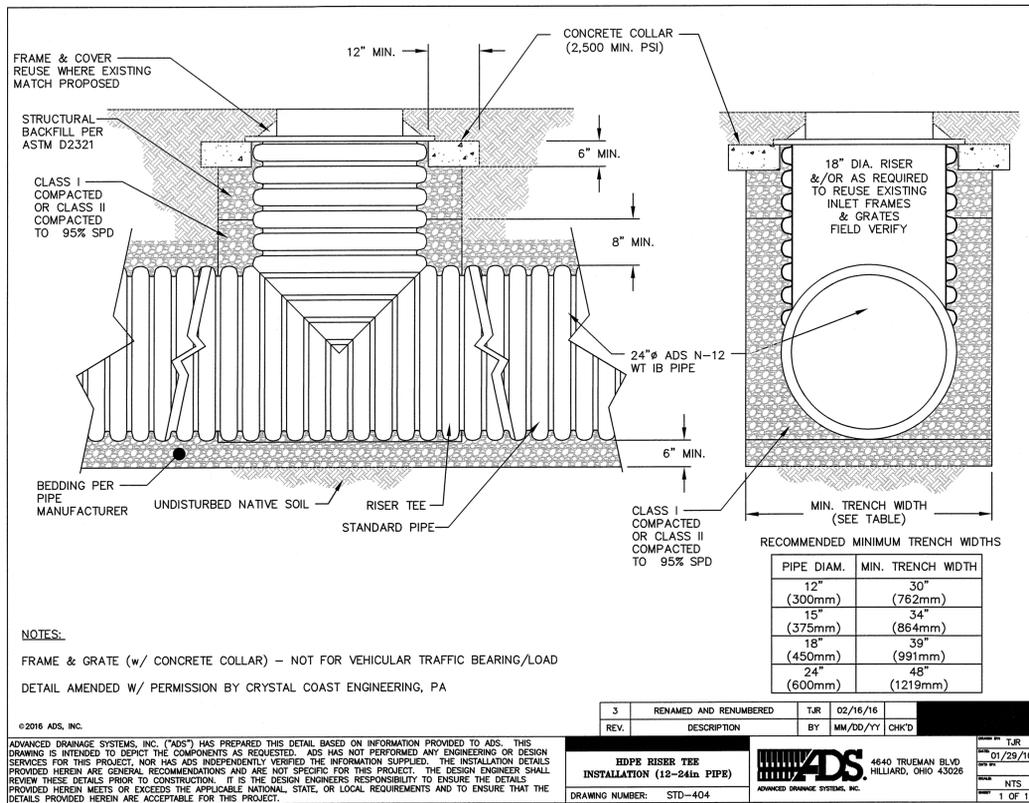
Reserves the right to establish and verify the qualifications of all Bidders.

Proposal Acknowledgement

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Contractor Signature

Date



**NOTES:**

FRAME & GRATE (w/ CONCRETE COLLAR) - NOT FOR VEHICULAR TRAFFIC BEARING/LOAD  
 DETAIL AMENDED W/ PERMISSION BY CRYSTAL COAST ENGINEERING, PA

PIPE DIAM.	MIN. TRENCH WIDTH
12" (300mm)	30" (762mm)
15" (375mm)	34" (864mm)
18" (450mm)	39" (991mm)
24" (600mm)	48" (1219mm)

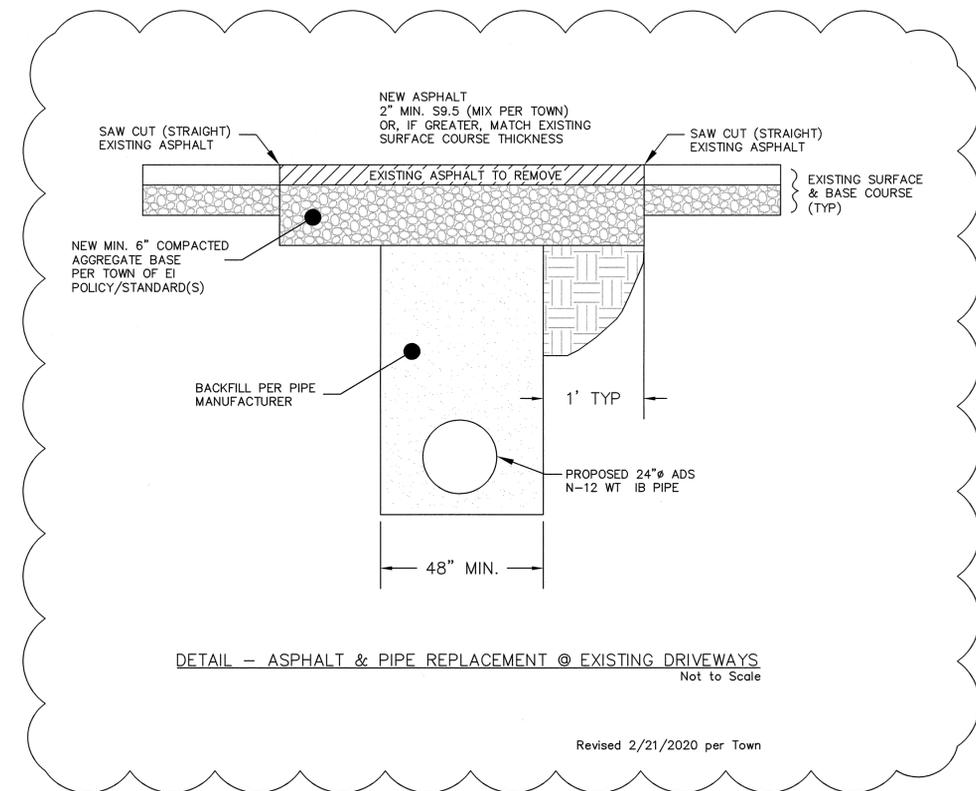
REV.	DESCRIPTION	BY	MM/DD/YY	CHK'D
3	RENAMED AND RENUMBERED	TJR	02/16/16	
2				
1				

©2016 ADS, INC.

ADVANCED DRAINAGE SYSTEMS, INC. ("ADS") HAS PREPARED THIS DETAIL BASED ON INFORMATION PROVIDED TO ADS. THIS DRAWING IS INTENDED TO DEPICT THE COMPONENTS AS REQUESTED. ADS HAS NOT PERFORMED ANY ENGINEERING OR DESIGN SERVICES FOR THIS PROJECT, NOR HAS ADS INDEPENDENTLY VERIFIED THE INFORMATION SUPPLIED. THE INSTALLATION DETAILS PROVIDED HEREIN ARE GENERAL RECOMMENDATIONS AND ARE NOT SPECIFIC FOR THIS PROJECT. THE DESIGN ENGINEER SHALL REVIEW THESE DETAILS PRIOR TO CONSTRUCTION. IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO ENSURE THE DETAILS PROVIDED HEREIN MEETS OR EXCEEDS THE APPLICABLE NATIONAL, STATE, OR LOCAL REQUIREMENTS AND TO ENSURE THAT THE DETAILS PROVIDED HEREIN ARE ACCEPTABLE FOR THIS PROJECT.

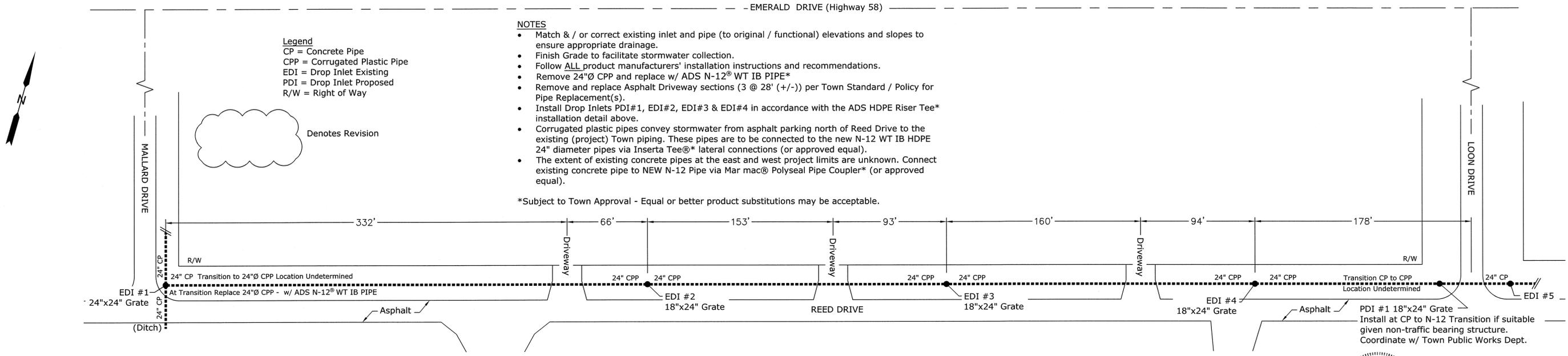
HDPE RISER TEE  
 INSTALLATION (12-24in PIPE)  
 DRAWING NUMBER: STD-404

ADS  
 4640 TRUEMAN BLVD  
 HILLIARD, OHIO 43026



DETAIL - ASPHALT & PIPE REPLACEMENT @ EXISTING DRIVEWAYS  
 Not to Scale

Revised 2/21/2020 per Town



**Legend**  
 CP = Concrete Pipe  
 CPP = Corrugated Plastic Pipe  
 EDI = Drop Inlet Existing  
 PDI = Drop Inlet Proposed  
 R/W = Right of Way

**NOTES**

- Match & / or correct existing inlet and pipe (to original / functional) elevations and slopes to ensure appropriate drainage.
- Finish Grade to facilitate stormwater collection.
- Follow ALL product manufacturers' installation instructions and recommendations.
- Remove 24"Ø CPP and replace w/ ADS N-12® WT IB PIPE\*
- Remove and replace Asphalt Driveway sections (3 @ 28' (+/-)) per Town Standard / Policy for Pipe Replacement(s).
- Install Drop Inlets PDI#1, EDI#2, EDI#3 & EDI#4 in accordance with the ADS HDPE Riser Tee\* installation detail above.
- Corrugated plastic pipes convey stormwater from asphalt parking north of Reed Drive to the existing (project) Town piping. These pipes are to be connected to the new N-12 WT IB HDPE 24" diameter pipes via Inserta Tee®\* lateral connections (or approved equal).
- The extent of existing concrete pipes at the east and west project limits are unknown. Connect existing concrete pipe to NEW N-12 Pipe via Mar mac® Polyseal Pipe Coupler\* (or approved equal).

\*Subject to Town Approval - Equal or better product substitutions may be acceptable.

**CAUTION**

UNDERGROUND UTILITIES MAY EXIST IN THE VICINITY OF THIS PROJECT.  
 PRIOR TO EXCAVATION, THE CONTRACTOR SHALL PROVIDE PROPER NOTICE TO ALL UTILITY COMPANIES IN COMPLIANCE WITH THE "UNDERGROUND UTILITY SAFETY AND DAMAGE PREVENTION ACT."  
 CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION.  
 CONTRACTOR SHALL BE LIABLE FOR ANY AND ALL DAMAGE RESULTING FROM THEIR WORK.

**NOTE** (Revised 2/21/2020 per Town)  
 It is RECOMMENDED Bidder/Contractor visit the project site and assess the Existing Conditions, including, but not limited to, utilities, appurtenances (location (horizontal and vertical), size, condition, etc.) prior to bid/proposal submittal.

**Reed Drive Stormwater Project Schematic**  
 Approximate Scale 1" = 40'  
 Per Carteret County GIS - Not a Physical Survey

Bidder/Contractor - Field Verify

Revised February 21, 2020  
 per Town of Emerald Isle

DISCARD PREVIOUS PLAN/SCHEMATIC VERSION

**Proposal Request Schematic**  
 Reed Drive Stormwater Inlet & Pipe Improvements

for the  
 Town of Emerald Isle  
 7500 Emerald Drive  
 Emerald Isle, NC 28594  
 (252) 354-3424



**Crystal Coast Engineering, P.A.**  
 Civil and Environmental Consulting Engineers  
 John R. Freshwater, PE  
 David K. Newsom, PE  
 205-3 WARD ROAD, SWANSBORO, N.C. 28584  
 PHONE: (910) 325-0006 FAX: (910) 325-0060  
 BUSINESS LICENSE #: C-2553

DATE: 2/3/2020  
 PROJECT: 20-44  
 DRAWN BY: JF  
 SHEET: 1 of 1