



**CITY OF BELLE ISLE, FLORIDA  
CITY COUNCIL AGENDA ITEM COVER SHEET**

**Meeting Date:** May 18, 2021

**To:** Honorable Mayor and City Council Members

**From:** B. Francis, City Manager

**Subject:** RFP for Pipe Lining (Continuing Services Contract)

**Background:** Much of the City's stormwater infrastructure is comprised of corrugated metal pipe (CMP). Many State Highway Departments and various agency engineers have conducted numerous durability studies to determine the life expectancy of corrugated steel pipe. The general consensus of these studies is that corrugated steel pipe has a life expectancy of 10 years to about 35 years before perforation\* of the metal occurs. The Federal Highway Administration's (FHWA) Culvert Inspection Manual states that perforation of a corrugated pipe culvert would indicate "poor condition". On a rating scale of 0 (critical condition) to 9 (new), any pipe with perforations is rated no better than a 3, which is rated as "poor" and only one step above "critical condition". A critical rating requires immediate replacement. The alternative to replacement is usually some type of coatings. The practice is referred to as pipe lining and in most cases it is a cured in place lining.

Over the past several years, the City used pipe lining to repair instead of replace CMPs that were in danger of collapse. When we need pipe lining services, it would be more prudent and time saving if we had a list of contractors under contract that we could call for quotes and not go through the time and effort to do a competitive bid each time. This would also allow for a better budgeting process as we would know the costs for pipe lining. Also having multiple contractors would allow the City to use one contractor if the other is not available.

**Staff Recommendation:** Approve to advertise the RFP for pipe lining.

**Suggested Motion:** I move we approve the RFP for pipe lining services and direct the City manager to advertise the RFP.

**Alternatives:** Do not approve the RFP

**Fiscal Impact:** TBD

**Attachments:** Pipe Lining RFP