

City of Mesquite, Texas

Legislation Details (With Text)

File #: 19-3951 **Version:** 1 **Name:** Powell Rd Design
Type: Agenda Item **Status:** Passed
File created: 1/9/2019 **In control:** City Council
On agenda: 2/4/2019 **Final action:** 2/4/2019
Title: Authorize the City Manager to finalize and execute a contract with Graham Associates, Inc., to prepare construction documents for Powell Road, Powell Circle, Melton Lane, Magnolia Drive, Douglas Drive and Orchid Avenue in the amount of \$262,790.00.

Sponsors:

Indexes:

Code sections:

Attachments: 1. Location Exhibit

Date	Ver.	Action By	Action	Result
2/4/2019	1	City Council	Approved	Pass

Authorize the City Manager to finalize and execute a contract with Graham Associates, Inc., to prepare construction documents for Powell Road, Powell Circle, Melton Lane, Magnolia Drive, Douglas Drive and Orchid Avenue in the amount of \$262,790.00.

This contract will provide for the design and preparation of construction documents for the following items:

- The reconstruction of Powell Road/Powell Circle from Potter Lane to Sandy Lane, approximately 5,200 linear feet. Design will include all new sidewalks and replacement of old sanitary sewer and waterlines.
- The reconstruction of Orchid Avenue from Powell Circle to Daffodil Drive, approximately 750 linear feet. Design will include replacement of broken sidewalk and sanitary sewer in this segment.
- Asphalt reclamation for Melton Lane from Bruton Road to dead end, approximately 1,050 linear feet. Design will include replacement of curb and gutter as needed, broken sidewalk and sanitary sewer in this segment.
- Asphalt reclamation for Magnolia Drive/Douglas Drive from Potter Lane to Rodeo Center Boulevard, approximately 900 linear feet. Design will include replacement of curb and gutter as needed, broken sidewalk and sanitary sewer in this segment.

The paving surface for Powell Road/Powell Circle and Orchid Avenue will be determined by performing a cost analysis during design. These sections will be a full reconstruction of the street.

The roads of Melton Lane, Magnolia Drive and Douglas Drive will remain asphalt and will utilize a method called asphalt reclamation where they pulverize the existing asphalt surface into the base below, along with cement additive. A new layer of asphalt will be placed over the newly restored base material. The design team will identify segments of curb and gutter and sidewalk that need to be repaired, but it is not intended to be a full replacement.

These streets were presented to City Council on September 18, 2017, as part of the briefing on the 2018 Real. Texas. Roads. Program.

Financial Implications

This project will be funded through Residential Street Bond for the paving portion and Water Sewer for the utility replacements.

Recommended/Desired Action

Staff recommends award to Graham Associates, Inc.

Attachment(s)

Location Exhibit

Drafter

Christina Hickey, PE

Head of Department

Matt Holzapfel, PE