



COLLIN COUNTY

Collin County Health Care Services
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McKinney, Texas 75069
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TO: Health Care Board of Trustees
FROM: Candy Blair, Health Care Administrator
DATE: November 20, 2017
RE: FY 2018 DSHS Grant for TB Prevention and Control (Federal Funds);
Acceptance of Grant Contract

This is to request Commissioners Court acceptance of the FY 2018 TB Federal grant contract.

The FY 2018 TB Federal grant contract period covers activities from January 1, 2018, to December 31, 2018 and provides DSHS grant funds in the amount of \$114,386, which is level funding.

A 20% match (\$22,877) is required for expended FY 2018 funds, which will be achieved through existing personnel time. The federal funds are meant to provide basic services and related activities for tuberculosis (TB) prevention and control.

TB is a communicable disease caused by *Mycobacterium tuberculosis*. TB is spread from person to person through the air. When a person with pulmonary or laryngeal TB coughs, sneezes, speaks, or sings, droplet nuclei containing *M. tuberculosis* are expelled into the air. Depending on the environment, these tiny particles (1-5microns in diameter) can remain suspended in the air for several hours. If another person inhales air containing droplet nuclei, transmission may occur.

Texas is ranked second in the top five leading U.S. States by number of TB cases. Collin County has outpaced Texas and the nation in population growth over the last 36 years and the demands for TB services in Collin County are likewise increasing. In order to keep up with those demands and to continue to fulfill our assigned public health role, we will use this money to continue to fund TB staffing, purchase TB supplies, pay for diagnostic studies, and meet other TB clinic needs.