



City of Denton

City Hall
215 E. McKinney Street
Denton, Texas
www.cityofdenton.com

AGENDA INFORMATION SHEET

DEPARTMENT: Materials Management

CM: Todd Hileman

DATE: May 21, 2018

SUBJECT

Consider recommending adoption of an ordinance of the City of Denton, Texas, a Texas home-rule municipal corporation, authorizing the approval of Change Order No. 1 to the contract between the City of Denton and Floyd Smith Concrete, Inc. for the concrete slab extension of existing compost windrows; providing for the expenditure of funds therefor; and providing an effective date (IFB 6547- Change Order No. 1 in the amount of \$220,233.87 for a total contract award aggregating to \$22,196,495.71).

BACKGROUND

The compost operation at the Pecan Creek Water Reclamation Plant (PCWRP) site was started in Denton to divert away from the landfill, the biosolids produced at the plant and the yard waste collected by the Solid Waste department. This diversion allowed preservation of the expensive landfill capacity, and at the same time by composting the diverted stream created a beneficial reuse of the products. The Denton compost produced by using the diverted biosolids and the yard waste is sold as the trade name Dyno Dirt along with several other products produced at the compost operation. Exhibit 2 shows the windrow piles where the biosolids and yard waste is combined for the compost operation.

The compost operation was started in 1997, with a major expansion of the operation in the 2001 PCWRP expansion project. During that expansion, a concrete area for additional windrows and storing of curing piles and finished products were added. Since the 2001 expansion project, the biosolids quantity produced at the plant has increased. In addition, the PCWRP was required by regulatory agencies in 2013 to meet the phosphorous limit of 0.5 milligrams per liter (mg/l) by June 2016. To meet the 0.5 mg/l limit, plant process had to be redesigned to accommodate the addition of ferric chloride to settle out the excess phosphorous. This settling of excess phosphorous adds additional solids in the waste stream that go to the compost operation. This additional solids waste stream along with the increase in solids production since the 2001 plant expansion has created the need to expand the concrete area for the windrows.

Exhibit 2 shows the proposed expansion of the concrete area which is essentially the extension of the existing windrows concrete area. The total area of the proposed expansion is about 2,808 square feet. The wastewater department is proposing to use the current annual concrete contractor Floyd Smith Concrete, Inc. for the expansion project. In accordance with Local Government Code 252.048, change orders in excess of \$50,000 require City Council approval. The net change presented does not exceed 25 percent of the original contract value.

The cost proposal from the contractor is attached as Exhibit 3. The contractor has estimated no greater than \$3,000 for the cost of additional payment and performance bonds required for the expansion project. The total project cost estimate is \$220,233.87.

PRIOR ACTION/REVIEW

On October 17, 2017, Council approved a public works contract with Floyd Smith Concrete, Inc. in the amount of \$21,976,261.71 (Ordinance 2017-321).

RECOMMENDATION

Staff recommends the approval of the Change Order No. 1, enabling the City of Denton to proceed with the construction of the extension of existing compost windrows.

PRINCIPAL PLACE OF BUSINESS

Floyd Smith Concrete, Inc.
Denton, Texas

ESTIMATED SCHEDULE OF PROJECT

Construction will be complete in summer 2018.

FISCAL INFORMATION

The project resides in the Wastewater Collection bond funds account 640377541 and total project costs are budgeted at \$220,233.87. Requisition # 138510 has been entered into the Purchasing software system in the amount of \$220,233.87.

STRATEGIC PLAN RELATIONSHIP

The City of Denton's Strategic Plan is an action-oriented road map that will help the City achieve its vision. The foundation for the plan is the five long-term Key Focus Areas (KFA): Organizational Excellence; Public Infrastructure; Economic Development; Safe, Livable, and Family-Friendly Community; and Sustainability and Environmental Stewardship. While individual items may support multiple KFAs, this specific City Council agenda item contributes most directly to the following KFA and goal:

Related Key Focus Area: Sustainable & Environmental Stewardship

EXHIBITS

Exhibit 1: Agenda Information Sheet
Exhibit 2: Windrow Concrete Area
Exhibit 3: Proposal
Exhibit 4: Change Order No. 1
Exhibit 5: Ordinance

Respectfully submitted:
Karen Smith, 940-349-7100
Purchasing Manager

For information concerning this acquisition, contact: P. S. Arora at 940-349-7189