

MEMORANDUM

To: Programs, Projects and Operations Subcommittee

Subject: Western Douglas County Trails Project – Contract with EGA

Date: September 3, 2008

From: Gerry Bowen

In March, 2006, the Board approved the funding agreement with the Nebraska Department of Roads (NDOR) for the Western Douglas County Trails Project. The NRD is partnering with the City of Omaha (Elkhorn), Village of Waterloo, City of Valley, and Douglas County on the project.

In July, 2006, the District entered into a professional services contract with Ehrhart Griffin and Associates in the amount of \$324,892 (NRD portion \$65,000). The remainder is provided by the Transportation Enhancement Program (80%) and the governmental entities listed above according to a formula in an interlocal agreement executed for the project (20% local share split as follows; 40% - Douglas County, 40% - NRD; remaining 20% by the zoning jurisdiction covering the trail segment).

This first contract covered the following scope of services:

1. Preliminary engineering (route evaluation) for the entire project in these phase;
 - a. Phase 1 – Valley to Waterloo
 - b. Phase 2 – Waterloo Elkhorn River Bridge
 - c. Phase 3 - Valley to YMCA
 - d. Phase 4 – Valley to Platte River Landing
 - e. Phase 5 – Waterloo to Omaha (Elkhorn area)
2. Prepare preliminary bid documents for Phase 1 and 2, above.

These duties are now complete and engineering services for the next stage of the project need to be approved by the Board. This next stage will provide the following scope of services:

1. Final design, bidding, and construction observation services for Phase 1 and 2,
2. Preliminary and final design, and construction observation for Phase 3, and
3. Preliminary design (routing and cost estimating) for Phase 4 (Valley to Platte River Landing).

These services will be provided with a “not to exceed” amount of \$587,747.00. As before, the existing agreement with the Transportation Enhancement Program will provide 80% of the costs, with the remainder being paid according to a formula above. In this case, the next stage will be predominantly Valley. The NRD’s share of these fees will be \$47,020.

This scope of services requires NDOR concurrence prior to executing a contract.

- **It is recommended that the Subcommittee recommend to the Board that the General Manager be authorized to execute a professional services agreement with Ehrhart Griffin and Associates, Inc. for the Stage 2 of the Western Douglas County Trails Project in the amount of \$587,747.00, subject to NDOR concurrence, and changes deemed necessary by the General Manager, and approved as to form by District Legal Counsel.**

Item	Task	EGA	RDG	E & A	Thiele	Tetra Tech	
1	Add'l design Phase 1 and 2 (See Note 1)	\$ 82,800.00					\$ 82,800.00
2	Waterloo bridge modifications/separate bid package	\$ 6,400.00	\$ 2,300.00	\$ 2,415.00			\$ 11,115.00
3	Waterloo bridge construction administration	\$ 11,600.00	\$ 350.00	\$ 13,158.00	\$ 13,300.00		\$ 38,408.00
	a. Construction staking	\$ 19,200.00					\$ 19,200.00
4	Construction admin Phase 1 and 2	\$ 181,775.00	\$ 1,500.00		\$ 16,900.00		\$ 200,175.00
	a. Construction staking	\$ 99,325.00					\$ 99,325.00
5	Prelim layout, costs for Elkhorn to Waterloo, Valley to Platte River	\$ 8,600.00	\$ 11,886.00	\$ 850.00	\$ 350.00	\$ 350.00	\$ 22,036.00
6	Design of YMCA Loop	\$ 84,525.00	\$ 2,773.00	\$ 26,540.00		\$ 850.00	\$ 114,688.00
							\$ 587,747.00

NOTES

- 1 Additional design services include:
 - a. Additional surveying required for inclusion into Mallard Lakes
 - b. 5 plan revisions for trail inside of Mallard Lakes as their subdivision design underwent revisions
 - c. Plan revisions required after meeting with school and several landowners
 - d. Revised acquisition documents based upon plan revisions
 - e. Preliminary design and layout was performed along West Maple Road in preparation of our meeting with the City of Omaha. This route was ultimately abandoned due to NDOR opposition and City of Omaha input.
- 2 Due to the possibility that the levee height on the Waterloo levy may be increased, the decision to bid this section separately was made in order to allow the rest of the project to move forward. The fees indicated represent our estimate of the design effort to revise the plans to reflect the new levy elevation, redesign the trail approaches into the bridge, and prepare a separate bid package and NDOR review submittals.
- 3 The fees indicated represent the construction administration efforts that will be required. Construction staking is shown as a separate fee for clarity. Fees are based upon a final opinion of construction cost of \$845,165
- 4 The fees indicated represent the construction administration efforts that will be required. Construction staking is shown as a separate fee for clarity. Fees are based upon a final opinion of construction cost of \$3,310,743.00.
- 5 The fees indicated represent our design effort to establish a preliminary route from Elkhorn to Waterloo and Valley to Platte River. Services will include preliminary routing, meetings with the affected municipalities and preliminary cost estimates. A data base will be compiled using aerial photos and existing GIS mapping. Physical surveying is not included.
- 6 The fees indicated represent our effort needed to design and prepare bidding documents for the trail segment that runs from Phase 1/2 to the YMCA. This segment contains a significant overhead Ipedestrian bridge that crosses the UPRR and the highway. Fees are based upon a preliminary cost opinion of \$ 1,931,645.