

**City of Hercules
Agenda Item Transmittal**

Meeting Date: July 13, 2010

Agenda Item Number: IV.7

Agenda Item Wording:

Adopt A Resolution Authorizing The Redevelopment Agency Board To Accept The “Value Engineering Report And Recommendations” Prepared By HDR Engineering Inc., And Dated April 2, 2010.

Submitting Department: Agency Executive Director

Contact Name: Lisa Hammon, Assistant Executive Director

For action by:

- City Council
- RDA Board
- PFA Commission

Placement on agenda:

- Intro./Presentation
- Consent Calendar
- Public Hearing
- Communications
- Council Rpts./Reso
- C.M. Rpts/Reso.
- Intergov. Issues

Department Recommendation: Staff recommends that the Redevelopment Agency Board take the following actions:

1. Adopt a Resolution authorizing the acceptance of the “Value Engineering Report and Recommendations.”

Alternatives: Do not approve the Resolution; request additional information from staff; or give further direction to staff.

Discussion:

From March 30 to April 2, 2010, HDR Engineering (Olympia, WA staff) led a value engineering exercise for the Hercules Intermodal Transit Center project to carefully review the 60% design drawings and develop cost-saving recommendations consistent with the project goals and objectives.

The VE Team consisted of Ken Smith, PE (Team Leader) and highly qualified professional engineers and architects independent from the ITC design team, with the exception of the Project Architect. From the initial list of ideas, a process evaluated each component and the final list consists of eleven recommendations. Those eleven recommendations are expected to benefit the project and yield significant savings with additional technical analysis.

The Value Engineering Report contains details on all eleven recommendations. The major cost savings are from the use of a different type of retaining wall system (\$10 M savings) and in four changes to the station guardrail, wind turbines, partial basement reduction, and station brace frame construction. Aesthetically, there will be minor changes as a result of the implementation of the VE recommendations such as more standardized materials for landscape and park

amenities for Creekside Park instead of custom items. The retaining wall, while a different type, can still have a surface treatment and/or artwork.

The net cost savings of implementing the eleven recommendations (net of the VE analysis and design costs of \$1.17M) is \$11.89M.

Prior Board Actions: None

Attachments:

1. Proposed [Resolution](#)
2. Station [Cost Estimate](#) including VE savings
3. Value Engineering Report and Recommendations [Executive Summary](#)

Financial Impact: No Fiscal Impact

Description: None

Funding Source:

New Revenue:	\$
Amount Budgeted:	Lost Revenue: \$
New funding required:	New Personnel: \$
Council Policy Change:	Yes <input type="checkbox"/> No <input type="checkbox"/>

Subcommittee Review and Approval:

Trans. & Housing

Date: July 6, 2010