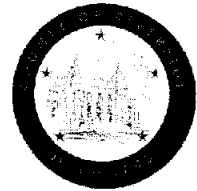


SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

209



FROM: Economic Development Agency

SUBMITTAL DATE:
March 31, 2011

SUBJECT: Southwest Justice Center Cogeneration Plant Repairs – Notice of Completion

RECOMMENDED MOTION: That the Board of Supervisors:

1. Ratify Change Orders No. 3 and No. 4 in the total amount of \$73,012, to complete the re-building of the cogeneration plant engine one and find the work integral to the project;
 2. Authorize the Assistant County Executive Officer/EDA, or designee, to execute the change orders on behalf of the county;
- Approve an additional \$73,012 increase to the project budget;

(continued)

Lisa Brandl for

Robert Field
Assistant County Executive Officer/EDA
By Lisa Brandl, Managing Director

FINANCIAL
DATA

Current F.Y. Total Cost:	\$ 136,035	In Current Year Budget:	Yes
Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	No
Annual Net County Cost:	\$ 0	For Fiscal Year:	2010/11

COMPANION ITEM ON BOARD OF DIRECTORS AGENDA: No

SOURCE OF FUNDS: The county's boiler and machinery insurance subject to \$10,000 deductible amount; the deductible to be paid by the Department; Deferred Maintenance

Positions To Be Deleted Per A-30	<input type="checkbox"/>
Requires 4/5 Vote	<input type="checkbox"/>

C.E.O. RECOMMENDATION:

APPROVE

BY:

County Executive Office Signature

Jennifer L. Sargent
Jennifer L. Sargent

Dep't Recomm.: ☐ Policy
Per Exec. Ofc.: ☐ Policy
☒ Consent
☒ Policy

Prev. Agn. Ref.: 3.15 of 8/10/10; 3.27 of 11/03/09

District: 3

Agenda Number:

3.11

RECOMMENDED MOTION: (Continued)

4. Accept the Southwest Justice Center (SWJC) Cogeneration Plant Repairs completed by Endurant Energy, LLC (Endurant) as complete and authorize the Clerk of the Board to record the Notice of Completion; and
5. Authorize the release of \$63,023 in retained funds to the contractor in accordance with the contract terms.

BACKGROUND:

On November 3, 2009, the Board of Supervisors approved the contract between Endurant Energy, LLC and the County of Riverside to determine the cause of the engine failures and to rebuild the engines for the SWJC Cogeneration Plant Repairs Project.

Change Orders No. 3 and No. 4 address unforeseen conditions of re-building engine one, and will exceed the 10% contingency allowance, which requires Board approval. The change orders will compensate Endurant in the amount not-to-exceed \$73,012, for work essential to complete the project and for the proper operation of engine no. 1 for the cogeneration system.

Change Order No. 3 is for additional repairs for cam shafts, timing and drive gears. These were additional repairs and components that are necessary to operate the engine. The insurance carrier has agreed to cover the costs for Change Order No. 3. Change Order No. 4 is for the installation of 16 new pistons and associated parts; this replacement will yield 40% to 50% additional hours of operation than the used components. The insurance carrier will not cover the cost of the components in Change Order No. 4; they will be covered by department funds. Due to the unique character of the work, this added work scope could not be discovered until the engines were disassembled. Staff therefore requests that these change orders which exceed 10% of the original contract be approved.

A budget increase is required to pay for the additional costs of re-building engine one, an additional cost that was not anticipated until the disassembling of the engine.

The project has been inspected and found to comply with all contract requirements. This Board action will release the balance of the contract retention funds of \$63,023 to Endurant.

FINANCIAL IMPACT:

The approximate allocation of the budget increase is as follows:

Revised Project Budget	\$557,218
Change Order No. 3	\$ 69,193
Change Order No. 4	\$ 3,819
Revised Total Project Budget	\$630,230

(Continued)

FINANCIAL IMPACT: (Continued)

Additional funds of \$73,012 ~~were~~ necessary for the repairs of engine one and to complete the project. All costs associated with Change Order No. 3 in the amount of \$69,193 will be covered under the county's boiler and machinery insurance subject to a \$10,000 deductible amount. All costs associated with Change Order No. 4 in the amount of \$3,819 will be covered by Deferred Maintenance. No net county cost will be incurred as a result of this agreement.

COUNTY OF RIVERSIDE
ECONOMIC DEVELOPMENT AGENCY

COPY

CHANGE ORDER NO. 3

Date: 9/13/2010

Project: SWJC Cogen Engines Rebuild

To Contractor:

Endurant Energy
715 E. Debra Lane
Anaheim, CA 92805

Project No.: 20064026

Distribution:
Project Manager
Contractor
Fiscal

You are directed to make the following changes. Changes shall include labor, material and equipment; each item to include all charges or indirect arising out of this work:

- 1) Additional repairs due to further water contamination damage to the internal running gear within the engine that was not visible during the field disassembly and inspection. Both cam shafts and the timing and drive gears, and the replacement of these components is necessary to operate the engine. ADD \$69,193

The specifications, where pertinent, shall apply to these changes.

This Change Order provides for a time extension of 0 calendar days.

Original Contract Duration (calendar days):

Prior Authorized Time Extension (calendar days):

Revised Construction Duration (calendar days):

Original Contract Completion Date:

Revised Contract Completion Date:

NOTE: This change order is not effective until approved by the Chair, Board of Supervisors, Assistant County Executive Officer EDA or designee, as indicated.

The undersigned contractor has given careful consideration to the change proposed, including its effect on other work already contracted for, and hereby agrees, if this change order is approved, that he will provide all equipment, furnish all materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment for all costs related in any way thereto the prices shown above.

Contractor

9/15/10
Date

Assistant County Executive Officer EDA
or Designee

Date

Deputy Director

Date

Project Manager

Date

Original Contract \$ 412,000.00
Prior Authorized [x] ADD [] DED \$ 145,217.84
Total Contract Prior to this Change \$ 557,217.84

Authorized Changes on this C.O.:

Addition \$ 69,193.00

Deduction \$

NET: [x] Addition [] Deduction \$ 69,193.00

Amount of Contract Authorized
Including this Change Order \$ 626,410.84

Pursuant to:

[] Board Policy B-11

[] M.O. and Date 04/12/11

COUNTY OF RIVERSIDE
ECONOMIC DEVELOPMENT AGENCY

COPY

CHANGE ORDER NO. 4

Date: 2/7/2011

Project: SWJC Cogen Engines Rebuild

To Contractor:

Endurant Energy
715 E. Debra Lane
Anaheim, CA 92805

Project No.: 20064026

Distribution:
Project Manager
Contractor
Fiscal

You are directed to make the following changes. Changes shall include labor, material and equipment; each item to include all charges or indirect arising out of this work:

- 1)
For the installation of 16 new pistons, wrist pins, 32 retaining rings, and the upper piston rod end bushings. ADD \$17,003
- 2)
For the installation of one new Continental Control Valve and Circuit Panel. ADD \$7,049.72
- 3)
Credit for Engine 1 Core Deduct - \$20,233.00

The specifications, where pertinent, shall apply to these changes.

This Change Order provides for a time extension of 0 calendar days.

Original Contract Duration (calendar days):

Prior Authorized Time Extension (calendar days):

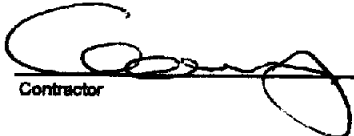
Revised Construction Duration (calendar days):

Original Contract Completion Date:

Revised Contract Completion Date:

NOTE: This change order is not effective until approved by the Chair, Board of Supervisors, Assistant County Executive Officer EDA or designee, as indicated.

The undersigned contractor has given careful consideration to the change proposed, including its effect on other work already contracted for, and hereby agrees, if this change order is approved, that he will provide all equipment, furnish all materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment for all costs related in any way thereto the prices shown above.

 2/8/2011
Contractor Date

Original Contract	\$	412,000.00
Prior Authorized [x] ADD [] DED	\$	214,410.84
Total Contract Prior to this Change	\$	626,410.84

Assistant County Executive Officer EDA
or Designee Date

Authorized Changes on this C.O.:

Addition \$ 24,052.80

Deduction \$ -20,233.00

Deputy Director Date

NET: [X] Addition [] Deduction \$ 3,819.80

 2/14/11
Project Manager Date

Amount of Contract Authorized
Including this Change Order \$ 630,230.64

Pursuant to:

[] Board Policy B-11

[] M.O. Date 04/12/11

Change Order Form - Rev 10-28-09

PLEASE COMPLETE THIS INFORMATION
RECORDING REQUESTED BY:

KECIA HARPER-IHEM, CLERK OF THE BOARD
RIVERSIDE CO. CLERK OF THE BOARD
4080 LEMON STREET, 1ST FLOOR CAC
P O BOX 1147 – RIVERSIDE, CA 92502

MAIL STOP # 1010

AND WHEN RECORDED MAIL TO:

RETURN TO: STOP #1010
RIVERSIDE COUNTY CLERK OF THE BOARD
P. O. BOX 1147 – RIVERSIDE, CA 92502

THIS SPACE FOR RECORDERS USE ONLY

NOTICE OF COMPLETION

To be recorded with County Recorder
within 10 days after completion.
No recording fee.

Notice is hereby given by the undersigned owner, a public entity of the State of California, that a public work of improvement has been completed, as follows:

Project title or description of work: Southwest Justice Center Cogeneration Plant Repairs (Project #FM08110004026)

Date of Completion: Date Hereof

Nature of owner: County of Riverside, public entity

Interest or estate of owner: In Fee

Address of owner: Clerk of Board of Supervisors, County Administrative Center, 4080 Lemon St., Riverside, CA 92501

Name of contractor: Endurant Energy LLC, 715 E. Debra Lane, Anaheim, CA 92805

Street or legal description of site: 30755-B Auld Road, Murrieta, CA 92563

Dated:

Owner: County of Riverside
(Name of Public Entity)

By: _____
Bob Buster, Chairman, Board of Supervisors

STATE OF CALIFORNIA)

ss

COUNTY OF RIVERSIDE)

I am the Chairman of the governing board of the County of Riverside, the public entity which executed the foregoing notice and on whose behalf I make this verification; I have read this notice, know its contents, and the same is true. I certify under penalty of perjury that the foregoing is true and correct.

Executed at Riverside, California on _____

_____, Bob Buster, Chairman of the Board of Supervisors

ATTEST: KECIA HARPER-IHEM, Clerk of the Board

By: _____ Deputy

FORM APPROVED COUNTY COUNSEL

BY: MARSHAL VICTOR 3/28/11 DATE 08/2010