

AN ORDINANCE 2008-09-11-0780

APPROVING A TOTAL CONSTRUCTION PROJECT COST OF \$2,226,040.11, AND AWARDING A \$2,023,673.11 CONSTRUCTION CONTRACT TO RURAL ELECTRIC, INC. IN CONNECTION WITH THE AIRFIELD LIGHTING UPGRADE PROJECT AT SAN ANTONIO INTERNATIONAL AIRPORT.

* * * * *

WHEREAS, the existing airfield lighting control and monitoring system (“ALCMS”) at San Antonio International Airport is over twenty years old and the manufacturer no longer supports the system making it difficult to obtain replacement parts for necessary maintenance; and

WHEREAS, it is necessary to replace the existing system with a new ALCMS system to ensure continued aircraft safety; and

WHEREAS, a construction solicitation for this project was advertised in various mediums in April 2008, and bids were opened on May 14, 2008; and

WHEREAS, three qualified bids were received and evaluated and the bid of Rural Electric, Inc. in the amount of \$2,023,673.11 was determined to be the lowest qualified bid; and

WHEREAS, it is now necessary to award a \$2,023,673.11 construction contract to Rural Electric, Inc., authorize a \$202,367.00 project contingency, and appropriate funds; **NOW THEREFORE:**

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF SAN ANTONIO:

SECTION 1. The lowest responsive bid of Rural Electric, Inc., in the amount of \$2,023,673.11 in connection with the Airfield Lighting Upgrade Project at San Antonio International Airport is hereby accepted. The City Manager or her designee is authorized to execute a construction contract with Rural Electric, Inc. in an amount not to exceed \$2,023,673.11. A copy of the contract is set out in Attachment I.

SECTION 2. The amount of \$969,153.00 is appropriated in SAP Fund 51014000, PFC Capital Improvement Fund, SAP WBS AV-00007-01-01-15, SAP GL account 6102100 – Interfund Transfer out entitled Transfer to 33-00148-90-02. The amount of \$969,153.00 is authorized to be transferred to SAP Fund 51099000, Airport Capital Projects.

SECTION 3. The budget in SAP Fund 51099000, Airport Capital Projects, SAP Project Definition 33-00148, Airfield Electrical & Lighting Upgrade, shall be revised by increasing SAP WBS element 33-00148-90-02 entitled Transfer From AV-00007-01-01-15, SAP GL account 6101100 – Interfund Transfer In, by the amount \$969,153.00.

SECTION 4. The amount of \$969,153.00 is appropriated in SAP Fund 51099000, Airport Capital Projects, SAP Project Definition 33-00148, Airfield Electrical & Lighting Upgrade and its budget shall be revised by decreasing/increasing the SAP WBS Elements as follows:

WBS NO.		WBS NAME	G/L	G/L NAME	CURRENT PLAN VERSION 0 (Optional)	PLAN VERSION 0 REVISION/ Appropriation	REVISED PLAN VERSION 0 (Optional)
3300148	05-03-01	Rural Electric - AF Ltg + ALCS	5201140	Construction Costs	\$0.00	\$2,023,673.11	\$2,023,673.11
3300148	05-03-02	Rural Elec - Contingency	5406530	Indirect Costs	\$0.00	\$202,370.00	\$202,370.00
3300148	05-07	Unallocated Appropriations	5406530	Indirect Costs	\$1,515,847.00	-\$1,256,890.11	\$258,956.89
TOTALS					\$1,515,847.00	\$969,153.00	\$2,485,000.00

SECTION 5. The amount of \$2,023,673.11 in SAP Fund 51099000, Airport Capital Projects, SAP Project Definition 33-00148, Airfield Electrical & Lighting Upgrade, SAP WBS Element 33-00148-05-03-01, entitled Rural Electric - AF Ltg + ALCS, SAP GL Account 5201140 is authorized to be encumbered and made payable to Rural Electric, Inc. for construction services.

SECTION 6. The financial allocations in this Ordinance are subject to approval by the Director of Finance, City of San Antonio. The Director of Finance may, subject to concurrence by the City Manager, or the City Manager's designee, correct allocation to specific SAP Fund Numbers, SAP Project Definitions, SAP WBS Elements, SAP Internal Orders, SAP Fund Centers, SAP Cost Centers, SAP Functional Areas, SAP Funds Reservation Document Numbers, and SAP GL Accounts as necessary to carry out the purpose of this Ordinance.

SECTION 7. This Ordinance shall take effect immediately upon passage by eight (8) affirmative votes; otherwise it shall be effective ten (10) days after its passage.

PASSED AND APPROVED this 11th day of September, 2008.



M A Y O R

PHIL HARDBERGER

ATTEST: *Leticia M. Reed*
 City Clerk

APPROVED AS TO FORM: *M. Zentz*
 for City Attorney



Agenda Voting Results - 10

Name:	8, 10, 11, 12, 13, 14, 15, 17, 19, 21, 22, 23, 24, 26, 27A, 27B						
Date:	09/11/2008						
Time:	01:59:27 PM						
Vote Type:	Motion to Approve						
Description:	An Ordinance accepting the lowest qualified bid submitted by Rural Electric, Inc. in the amount of \$2,023,673.11 for the Airfield Lighting Upgrade Project at San Antonio International Airport; authorizing the execution of a construction contract for such amount; and authorizing \$202,367.00 for project contingency. [Penny Postoak Ferguson, Assistant City Manager; Mark Webb, Director, Aviation]						
Result:	Passed						
Voter	Group	Not Present	Yea	Nay	Abstain	Motion	Second
Phil Hardberger	Mayor		x				
Mary Alice P. Cisneros	District 1		x				
Sheila D. McNeil	District 2		x			x	
Jennifer V. Ramos	District 3		x				
Philip A. Cortez	District 4		x				
Lourdes Galvan	District 5		x				
Delicia Herrera	District 6		x				
Justin Rodriguez	District 7		x				
Diane G. Cibrian	District 8		x				
Louis E. Rowe	District 9		x				x
John G. Clamp	District 10		x				



**CITY OF SAN ANTONIO
AVIATION DEPARTMENT
FIELD ALTERATION REQUEST**

Form PW-15-AVIATION
Rev. 3/2006
(Submit 6 Originals)

Date Prepared: 01/07/09

Field Alteration No. 1

Project No. 33-00148-05-02-01

Project Name: Airfield Lighting System Upgrade Project

The revision or amendment described below is to the work originally or previously specified is hereby requested, including all changes in costs. (Describe work to be added or deleted, including SAP Material number. Attach a revised plan sheet affected or drawings.)
Provide two L-867D junction cans and all associated work, including covering signs and placing barricades at the existing duct bank crossing located at west side of intersection of Twy R and Twy N at the cost of \$ 2,609.74. See the cost breakdown list dated Dec. 18, 2008 from Rural Electric and the approval email dated December 24, 2008 from Joshua Engineering.

Justification for Proposed Alteration (Describe in detail why this work is to be added or deleted. Use attachments if necessary.):
The said three hole junction cans are required to provide circuit without interruption to use existing duct bank crossing the Twy R pavement.

Field Alteration will result in change to Contract Cost as: [] Increase [] Decrease \$ 2,609.74
 Field Alteration will result in change to Contract Days as: [] Increase [] Decrease # Days 2
 (To be negotiated by the Contractor and the City.) [] Working Days [] Calendar Days

REQUESTED BY:
 City of San Antonio, Aviation Department 1/7/2009
 City, Consulting Engineer/ Architect, Other (Please Specify) Date
 for Shelley Jones 01/09/2009
 Roger Bieberdorf Date
 Firm: Rural Electric, Inc.

RECOMMENDED BY:
Jesse E. Gonzalez, P.E. 12 Jan 2009
 Jesse E. Gonzalez, P.E., President Date
 Firm: Joshua Engineering Group, Inc.
Kao-Lin Chen, P.E., Sr. Airport Engineer 1/13/09
 Kao-Lin Chen, P.E., Sr. Airport Engineer Date
 Firm: Aviation Department

APPROVED BY:
Dan Gallagher 1/15/09
 Dan Gallagher, Planning and Development Manager Date
 Aviation Department Director of Public Works (If over \$25,000) Date

-----**FOR CITY USE ONLY**-----

Ordinance Required: [] Yes [] No [] FA Amount \$25,000 (+ or -) [] Additional funds required \$

WBS Element: 33-00148-05-03-01
 Original Contract Amount: \$ 2,023,673.11
 Previous Approved FAs: \$ - 0 -
 This Field Alteration: \$ 2,609.74
 Total: \$ 2,026,282.85

WBS Element: 33-00148-05-03-01
 Construction Contingency Fund: \$ 202,370.00
 Previous Approved FA: \$ - 0 -
 This Field Alteration: \$ 2,609.74
 Total Field Alterations: \$ 2,609.74
 Balance: \$ 199,760.26

Vendor #: _____ Ordinance #: 2008-09-11-0780 Ordinance Date: 9/11/08

Purchase Requisition #: _____ Contract #: 4500192649 Purchase Order #: 4600007651

NOTE: This form is a local government record and shall be retained in accordance with the provisions of the Local Government Code, Section 201. Provide six (6) originals with supporting documents.

From: Rural

INSTRUCTION FOR COMPLETING AF FORM 3052

Col 1 Item. Description of materials required, work to be done, special equipment needed, etc. Breakdown should be in sufficient detail to permit itemizing of all direct costs.

Col 2 Unit of Measure. Description of the unit in which each item is to be estimated (examples - square yards -- SY, cubic yards -CY, square feet-SF, linear feet-LF, board feet-BF, each-EA, pound -LB).

Col 3 Quantity. Contractor's estimate of quantity required in terms of unit of measure (column 2). Items and units of measure will be furnished by the Government, Quantity estimates will be furnished by the Government only when it is anticipated that a unit price contract will be issued. Otherwise, the contractor is responsible for determining quantity estimates.

Col 4 and 5 Material Costs. Enter unit material cost (Col 4) to be supplied. The total cost (col 5) is automatically calculated (Col 3 * Col 4).

Col 6, 7 and 8 Labor Costs. In Col 6 edit the existing equation by entering manhours per unit * Col 2. In Col 7, enter the average wage rate for the discipline involved. Col 8 is automatically calculated (Col 6 * Col 7).

Col 9 Other Direct Costs. Enter estimated costs of special equipment and other items (listed in column 1) which are special to the contract and of significant dollar value.

Col 10 Line Total. Col 10 is automatically calculated.

NOTE: In addition to other totals entered on various pages, the grand total of column 10, plus OH & P will be shown on the last page as follows.

TOTAL MATERIAL COSTS		\$	<u>322.00</u>	
TOTAL LABOR COSTS		\$	<u>1,174.00</u>	
TOTAL OTHER DIRECT COSTS		\$	<u>167.50</u>	Equipment and Freight
TOTAL DIRECT COSTS		\$	<u>1,663.50</u>	
LABOR BURDEN	35%	\$	<u>410.90</u>	
OVERHEAD	15%	\$	<u>249.53</u>	
PROFIT	10%	\$	<u>232.39</u>	
Bond	2.09%	\$	<u>53.43</u>	
TOTAL PRICE		\$	<u>2,609.74</u>	

DATE 18-Dec-08 FIRM NAME Rural Electric Inc
 TITLE Estimator BY Roger Bieberdorf
 (Signature)

INSTRUCTIONS TO OFFERORS

1. The purpose of this form is to provide a standard format by which the offeror submits to the Government a summary of incurred and estimated costs (and attached supporting information) suitable for detailed review and analysis. Before award of a contract resulting from this proposal the offeror shall, under the conditions stated in ASPR 3-807.3, be required to submit a certificate of current cost or pricing data (see ASPR 3-807.3 (e) and 3-807.4).

2. In addition to the specific information required by this form, the offeror is expected, in good faith, to incorporate in and submit with this form any additional data, supporting schedules, or substantiation which are reasonably required for the conduct of an appropriate review analysis in the light of the specific facts of this procurement. For effective negotiations, it is essential that there be a clear understanding of

- a. The existing, verifiable data.
- b. The judgmental factors applied in projecting from known data to the estimate, and
- c. The contingencies used by the offeror in his proposed price.

In short, th offeror's estimating process itself needs to be disclosed.

3. When attachment of supporting cost or pricing data to this form is impracticable, the data will be described (with schedules as appropriate), and made available to the contracting officer or his authorized representative upon request.

CONSTRUCTION COST ESTIMATE BREAKDOWN										
CONTRACTOR Rural Electric Inc				ADDRESS 9502 East Main Street, Mesa Arizona						
CONTRACT FOR (Work to be performed) Furnish L-867 D Handholes for Twy Romeo Conduit Crossing						DATE 12/18/2009				
CUSTOMER NAME San Antonio Airport			PROJECT NUMBER Airfield Lighting System Upgrade			WORK LOCATION Taxiway November/Taxiway Romeo Intersection				
LINE NO.	ITEM (1)	UNIT OF MEA (2)	QTY (3)	MATERIAL COST		LABOR COST			OTHER DIRECT COSTS (9)	LINE TOTAL (10)
				UNIT	TOTAL (5)	MNHRMNDYS (6)	AVERAGE RATE (7)	TOTAL (8)		
001	L-867 D Light Bases	ea	2.0	\$ 147.00	\$ 294.00			\$ -	\$ 80.00	\$ 374.00
002	L-867 D 3/8" Blank Covers	ea	2.0	\$ 42.50	\$ 85.00			\$ -	\$ 15.00	\$ 100.00
003	Bottom Section Precasting	ea	2.0	\$ 75.00	\$ 150.00	4.000	\$ 38.00	\$ 152.00		\$ 302.00
004	Re Bar	ea	2.0	\$ 19.00	\$ 38.00	1.000	\$ 38.00	\$ 38.00		\$ 76.00
005	Auger Hole	ea	2.0		\$ -	2.000	\$ 38.00	\$ 76.00	\$ 25.00	\$ 101.00
006	Place/Set Can	ea	2.0		\$ -	1.000	\$ 38.00	\$ 38.00	\$ 12.50	\$ 50.50
007	Excavate for Collar	ea	2.0		\$ -	2.000	\$ 38.00	\$ 76.00	\$ 25.00	\$ 101.00
008	Form for Collar (5 ft. dia)	ea	2.0	\$ 20.00	\$ 40.00	2.000	\$ 38.00	\$ 76.00		\$ 116.00
009	Concrete for Collar	cuyd	1.0	\$ 65.00	\$ 65.00	2.000	\$ 38.00	\$ 76.00		\$ 141.00
010	Ground Rod	ea	2.0	\$ 17.00	\$ 34.00	2.000	\$ 38.00	\$ 76.00	\$ 10.00	\$ 120.00
011	Cad Weld	ea	2.0	\$ 18.00	\$ 36.00	2.000	\$ 49.00	\$ 98.00		\$ 134.00
012	D-4 D-4 Connector	ea	2.0	\$ 15.00	\$ 30.00	2.000	\$ 49.00	\$ 98.00		\$ 128.00
013	Reduction in Conduit/Trench	lf	100.0	\$ (5.00)	\$ (500.00)			\$ -		\$ (500.00)
014					\$ -			\$ -		\$ -
015					\$ -			\$ -		\$ -
SUM	SHEET TOTAL	LS			\$ 272.00			\$ 804.00	\$ 167.50	\$ 1,243.50

CONSTRUCTION COST ESTIMATE BREAKDOWN										
CONTRACTOR Rural Electric Inc				ADDRESS 9502 East Main Street Mesa, Arizona						
CONTRACT FOR (Work to be performed) Furnish L-867 D Handholes for Twy Romeo Conduit Crossing						DATE 12/18/2008				
CUSTOMER NAME San Antonio Airport			PROJECT NUMBER Airfield Lighting System Upgrade			WORK LOCATION Taxiway November/Taxiway Romeo Intersection				
LINE NO.	ITEM (1)	UNIT OF MEA (2)	QTY (3)	MATERIAL COST		LABOR COST			OTHER DIRECT COSTS (9)	LINE TOTAL (10)
				UNIT (4)	TOTAL (5)	MNHRMNDYS (6)	AVERAGE RATE (7)	TOTAL (8)		
016	Cover Signs for Closure	ls	1.0	\$ 25.00	\$ 25.00	6.000	\$ 49.00	\$ 294.00		\$ 319.00
017	Place Barricades for Closure	ls	1.0	\$ 25.00	\$ 25.00	2.000	\$ 38.00	\$ 76.00		\$ 101.00
018					\$ -			\$ -		\$ -
019					\$ -			\$ -		\$ -
020					\$ -			\$ -		\$ -
021					\$ -			\$ -		\$ -
022					\$ -			\$ -		\$ -
023					\$ -			\$ -		\$ -
024					\$ -			\$ -		\$ -
025					\$ -			\$ -		\$ -
026					\$ -			\$ -		\$ -
027					\$ -			\$ -		\$ -
028					\$ -			\$ -		\$ -
029					\$ -			\$ -		\$ -
030					\$ -			\$ -		\$ -
SUM	SHEET TOTAL	LS			\$ 50.00			\$ 370.00	\$ -	\$ 420.00



**CITY OF SAN ANTONIO
AVIATION DEPARTMENT
FIELD ALTERATION REQUEST**

Form PW-15-AVIATION
Rev. 3/2006
(Submit 6 Originals)

Date Prepared: 01/15/09 Field Alteration No. 2 Project No. 33-00148-05-02-01
Project Name: Airfield Lighting System Upgrade Project

The revision or amendment described below is to the work originally or previously specified is hereby requested, including all changes in costs. (Describe work to be added or deleted, including SAP Material number. Attach a revised plan sheet affected or drawings.)
Provide two L-867D junction cans and all associated work located at west side of intersection of Twy R and Twy D in the amount of \$ 2,567.63. See the Rural Electric cost breakdown list dated Jan. 13, 2008 and the approval email dated January 15, 2008 from Joshua Engineering.

Justification for Proposed Alteration (Describe in detail why this work is to be added or deleted. Use attachments if necessary.):
The said three hole junction cans are required to provide circuit without interruption to use existing duct bank crossing the Twy R at intersection with Delta.

Field Alteration will result in change to Contract Cost as: Increase Decrease \$ 2,567.63
Field Alteration will result in change to Contract Days as: Increase Decrease # Days 5
(To be negotiated by the Contractor and the City.) Working Days Calendar Days

REQUESTED BY:
City of San Antonio, Aviation Department 1/13/2009
City, Consulting Engineer/ Architect, Other (Please Specify) Date
Roger Bieberdorf 1/20/09
Date
Firm: Rural Electric, Inc.

RECOMMENDED BY:
Jesse E. Gonzalez 22 Jan 2009
Date
Jesse E. Gonzalez, P.E., President
Firm: Joshua Engineering Group, Inc.
Kao-Lin Chen 1/22/09
Date
Kao-Lin Chen, P.E., Sr. Airport Engineer
Firm: Aviation Department

APPROVED BY:
Daniel G. Mulvey 1/22/09
Date
Dan Gallagher, Planning and Development Manager
Aviation Department
Director of Public Works (If over \$25,000) Date

-----**FOR CITY USE ONLY**-----

Ordinance Required: Yes No FA Amount \$25,000 (+ or -) Additional funds required \$ _____
WBS Element: 33-00148-05-03-01 WBS Element: 33-00148-05-03-02
Original Contract Amount: \$ 2,023,673.11 Construction Contingency Fund: \$ 202,370.00
Previous Approved FAs: \$ 2,609.74 Previous Approved FA: \$ 2,609.74
This Field Alteration: \$ 2,567.63 This Field Alteration: \$ 2,567.63
Total: \$ 2,028,650.48 Total Field Alterations: \$ 5,177.37
Balance: \$ 197,192.63

Vendor #: 1034879 Ordinance #: 2008-09-11-0780 Ordinance Date: 9/11/08
Purchase Requisition #: _____ Contract #: 4600007651 Purchase Order #: 4500192649

NOTE: This form is a local government record and shall be retained in accordance with the provisions of the Local Government Code, Section 201. Provide six (6) originals with supporting documents.



**CITY OF SAN ANTONIO
AVIATION DEPARTMENT
FIELD ALTERATION REQUEST**

Form PW-15-AVIATION
Rev. 3/2006
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City Clerk

Date Prepared: 02/04/09

Field Alteration No. 3

Project No. 33-00148-05-02-01

Project Name: Airfield Lighting System Upgrade Project

2009 FEB 12 AM 9:23

The revision or amendment described below is to the work originally or previously specified is hereby requested, including all changes in costs. (Describe work to be added or deleted, including SAP Material number. Attach a revised plan sheet affected or drawings.)
Provide four L-867D junction cans and all associated work located at west side of intersection of Twy R and Twy A in the amount of \$ 5,135.26. See the Rural Electric cost breakdown list dated Jan. 26, 2008 and the approval email dated January 26, 2008 from Joshua Engineering.

Justification for Proposed Alteration (Describe in detail why this work is to be added or deleted. Use attachments if necessary.):
The said four hole junction cans are required to provide circuit without interruption to use existing duct bank crossing the Twy R at intersection with Alpha.

Field Alteration will result in change to Contract Cost as: [] Increase [] Decrease \$ 5,135.26
Field Alteration will result in change to Contract Days as: [] Increase [] Decrease # Days 4
(To be negotiated by the Contractor and the City.) [] Working Days [] Calendar Days

REQUESTED BY:

City of San Antonio, Aviation Department 2/4/2009
City, Consulting Engineer/ Architect, Other (Please Specify) Date
for Shellee Jones 02-06-09
Roger Bieberdorf Date
Firm: Rural Electric, Inc.

RECOMMENDED BY:

[Signature] 11 Feb '09 Date
Jesse E. Gonzalez, P.E., President Date
Firm: Joshua Engineering Group, Inc.
[Signature] 2/4/09 Date
Kao-Lin Chen, P.E., Sr. Airport Engineer Date
Firm: Aviation Department

APPROVED BY:

[Signature] 2/13/09 Date
Dan Gallagher, Planning and Development Manager Date
Aviation Department Director of Public Works (If over \$25,000) Date

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Ordinance Required: [] Yes [] No [] FA Amount \$25,000 (+ or -) [] Additional funds required \$ _____

WBS Element: <u>33-00148-05-03-01</u>	WBS Element: <u>33-00148-05-03-02</u>
Original Contract Amount: \$ <u>2,023,673.11</u>	Construction Contingency Fund: \$ <u>202,370.00</u>
Previous Approved FAs: \$ <u>5177.37</u>	Previous Approved FA: \$ <u>5177.37</u>
This Field Alteration: \$ <u>5135.28</u>	This Field Alteration: \$ <u>5135.26</u>
Total: \$ <u>2,033,485.74</u>	Total Field Alterations: \$ <u>10,312.63</u>
	Balance: \$ <u>192,057.37</u>

Vendor #: _____ Ordinance #: 2008-09-11-0780 Ordinance Date: 9/11/08

Purchase Requisition #: _____ Contract #: 4600007651 Purchase Order #: 4500192649

NOTE: This form is a local government record and shall be retained in accordance with the provisions of the Local Government Code, Section 201. Provide six (6) originals with supporting documents.

COPY



**CITY OF SAN ANTONIO
AVIATION DEPARTMENT
FIELD ALTERATION REQUEST**

Form PW-15-AVIATION

Rev. 3/2006

(Submit 6 Originals)

City Clerk
Project No. 33-00148-05-02-01

Date Prepared: 02/18/09 Field Alteration No. 4

Project Name: Airfield Lighting System Upgrade Project

The revision or amendment described below is to the work originally or previously specified is hereby requested, including all changes in costs. (Describe work to be added or deleted, including SAP Material number. Attach a revised plan sheet affected or drawings.)
Provide three L-867D junction cans and all associated work located where the Romeo home run circuit and Romeo/Sierra cross Runway 12-L and Romeo at Seirra at the duct crossing in the amount of \$ 3,960.70 See the Rural Electric cost breakdown list dated Feb. 11, 2009 and the approval email dated February 10, 2009 from Joshua Engineering. See Chris Reininger email and drawing dated Feb. 6, 2009 for locations.

Justification for Proposed Alteration (Describe in detail why this work is to be added or deleted. Use attachments if necessary.):
The said three hole junction cans are required to provide circuit without interruption one at Romeo home run circuit & Romeo/Sierra crossRunway 12-L and two at Romeo at Seirra at the duct crossing.

Field Alteration will result in change to Contract Cost as: Increase Decrease \$ 3,960.70
Field Alteration will result in change to Contract Days as: Increase Decrease # Days 3
(To be negotiated by the Contractor and the City.) Working Days Calendar Days

REQUESTED BY:
City of San Antonio, Aviation Department 2/18/2009 Date
City, Consulting Engineer/ Architect, Other (Please Specify) for Shellee Jones Date
Roger Biëberdorf Date
Firm: Rural Electric, Inc.

RECOMMENDED BY:
Jesse E. Gonzalez, P.E., President 27 Feb 2009 Date
Firm: Joshua Engineering Group, Inc.
Kao-Lin Chen, P.E., Sr. Airport Engineer 3/9/09 Date
Firm: Aviation Department

APPROVED BY:
Daniel W. Mullen 3/10/09 Date
Dan Gallagher, Planning and Development Manager Director of Public Works (if over \$25,000) Date
Aviation Department

-----FOR CITY USE ONLY-----

Ordinance Required: Yes No FA Amount \$25,000 (+ or -) Additional funds required \$ _____
WBS Element: 33-00148-05-03-01 WBS Element: 33-00148-05-03-01
Original Contract Amount: \$ 2,023,673.11 Construction Contingency Fund: \$ 202370.00
Previous Approved FAs: \$ 10,312.63 Previous Approved FA: \$ 10312.63
This Field Alteration: \$ 3960.70 This Field Alteration: \$ 3960.70
Total: \$ 2,037,946.44 Total Field Alterations: \$ 14273.33
Balance: \$ 188096.41

Vendor #: 1034879 Ordinance #: 2008-09-11-0780 Ordinance Date: 9/11/2008
Purchase Requisition #: _____ Contract #: 4600004651 Purchase Order #: 4500192649

NOTE: This form is a local government record and shall be retained in accordance with the provisions of the Local Government Code, Section 201. Provide six (6) originals with supporting documents.



**CITY OF SAN ANTONIO
AVIATION DEPARTMENT
FIELD ALTERATION REQUEST**

City Clerk

Form PW-15-AVIATION
Rev. 3/2006
(Submit 6 Originals)

Date Prepared: 03/10/09 Field Alteration No. 5 Project No. 33-00148-05-02-01
Project Name: Airfield Lighting System Upgrade Project

The revision or amendment described below is to the work originally or previously specified is hereby requested, including all changes in costs. (Describe work to be added or deleted, including SAP Material number. Attach a revised plan sheet affected or drawings.)
Provide two L-867D junction cans and all associated work located where Alpha and Runway 12-L duct crossing in the amount of \$ 2567.63. See the Rural Electric cost breakdown list dated March. 05, 2009 and the approval email dated March 10, 2009 from Joshua Engineering. See Chris Reininger email and drawing dated Feb. 25, 2009 for locations.

Justification for Proposed Alteration (Describe in detail why this work is to be added or deleted. Use attachments if necessary):
The said two hole junction cans are required to provide circuit without interruption to use existing duct bank crossing Twy A at intersection with 12L

Field Alteration will result in change to Contract Cost as: Increase Decrease \$ 2,567.63
Field Alteration will result in change to Contract Days as: Increase Decrease # Days 2
(To be negotiated by the Contractor and the City.) Working Days Calendar Days

REQUESTED BY:
City of San Antonio, Aviation Department 3/10/2009
City, Consulting Engineer/ Architect, Other (Please Specify) Date
for Shellee Jones 3-18-09
Roger Bieberdorf Date
Firm: Rural Electric, Inc.

RECOMMENDED BY:
Jesse E. Gonzalez, P.E. 23 Mar 2009
Jesse E. Gonzalez, P.E., President Date
Firm: Joshua Engineering Group, Inc.
Kao-Lin Chen 3/24/09
Kao-Lin Chen, P.E., Sr. Airport Engineer Date
Firm: Aviation Department

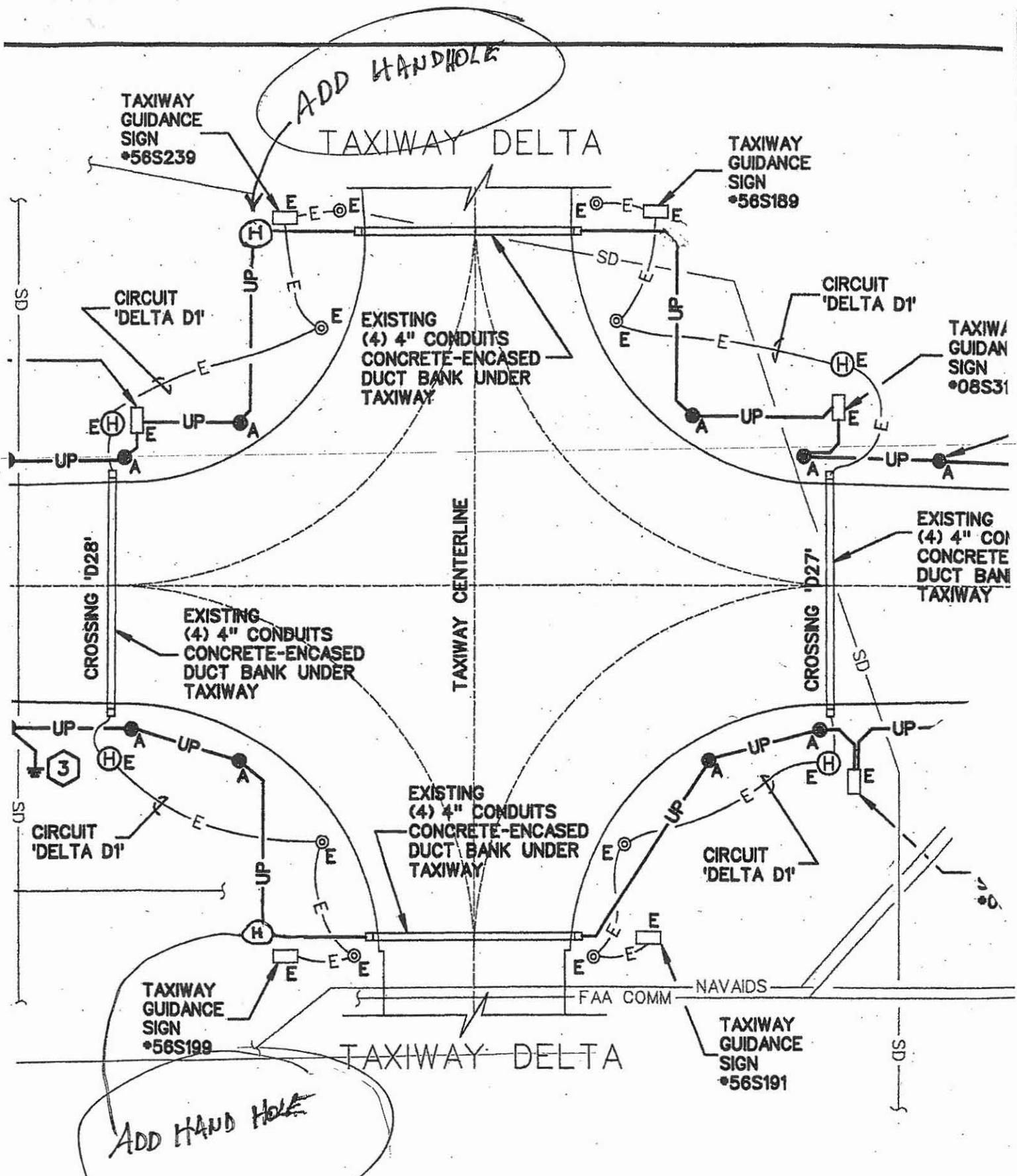
APPROVED BY:
Daniel G. Mulvey 3/24/09
Dan Gallagher, Planning and Development Manager Date
Aviation Department Director of Public Works (If over \$25,000) Date

-----FOR CITY USE ONLY-----

Ordinance Required: Yes No FA Amount \$25,000 (+ or -) Additional funds required \$
WBS Element: 33-00148-05-03-01 WBS Element: 33-00148-05-03-02
Original Contract Amount: \$ 2,023,673.11 Construction Contingency Fund: \$ 202370.00
Previous Approved FAs: \$ 14,273.33 Previous Approved FA: \$ 14,273.33
This Field Alteration: \$ 2567.63 This Field Alteration: \$ 2567.83
Total: \$ 2,040,514.07 Total Field Alterations: \$ 10840.96
Balance: \$ 185,529.04

Vendor #: 1034879 Ordinance #: 2008-09-11-0780 Ordinance Date: 9/11/08
Purchase Requisition #: _____ Contract #: 4600007651 Purchase Order #: 4500192619

NOTE: This form is a local government record and shall be retained in accordance with the provisions of the Local Government Code, Section 201. Provide six (6) originals with supporting documents.



ADD HANDHOLE

ADD HAND HOLE



1
E2.1 | E4.3

PARTIAL SITE PLAN (TAXIWAY)

SCALE: 1" = 50'-0"



JOSHUA ENGINEERING GROUP, INC.
CONSULTING ENGINEERS

May 20, 2008

Mr. Kao-Lin Chen, P.E.
Project Manager
Department of Aviation
City of San Antonio
9800 Airport Boulevard, M063
San Antonio, Texas 78216

**PROJECT: AIRFIELD LIGHTING UPGRADE PROJECT AT
SAN ANTONIO INTERNATIONAL AIRPORT (SAIA)**

Dear Kao-Lin:

I have reviewed the bid information regarding the apparent low bidder, Rural Electric, Inc. It appears that this Contractor has been established for numerous years (20), has accomplished similar airport/airfield projects, and has apparently provided good services/work for the past projects. The information provided is comprehensive and thus, is a good reflection on the Contractor.

I, therefore, do recommend your office proceed and prepare the contract award to Rural Electric, Inc.

Sincerely,

Jesse E. Gonzalez, P.E.
President

JEG/cm

CITY OF SAN ANTONIO

Issued By: DEPARTMENT of Aviation
ID NO.: IFB 33-00148-01

Date Issued: April 14, 2008
Page 1 of 1

FORMAL INVITATION FOR BIDS (IFB) and CONTRACT AIRFIELD LIGHTING UPGRADE AT SAN ANTONIO INTERNATIONAL AIRPORT PROJECT NO. 33-00148

Sealed bids in duplicate, subject to the Terms and Conditions of this Invitation for Bids and other contract provisions, will be received at the Office of the City Clerk, City Hall 100 Military Plaza, 2nd floor until 1:00 p.m. local time on Wednesday, May 14, 2008. This is the *solicitation deadline*. Bids must be submitted in a sealed envelope and clearly marked with the due date of bid, bidder name, Project Name and ID NO. The City is not responsible for submissions not clearly and appropriately marked. Late submissions will be rejected and returned to bidder.

A Non Mandatory pre-submittal conference will be held at Conference Room A, Terminal One Mezzanine, San Antonio International Airport, 9800 Airport Blvd, San Antonio, Texas 78216 on May 1, 2008 at 1:30 pm.

TABLE A - This invitation includes the following Contract Documents:	Plans, Specifications, Special Conditions
010 Invitation for Bids and Contract Signature Page	060 Supplemental Conditions
020 Bid Form	075 Performance Bond
030 Contractor's Qualifications Statement	076 Payment Bond
040 Standard Instructions to Respondents	080 General Building Conditions
	110 Aviation Supplemental Conditions

Plans, Specifications and Special Conditions may be purchased at a cost of \$75.00 per set (tax included) from the office of Joshua Engineering Group, Inc. located at 2161 N.W. Military Highway, Ste. 103, San Antonio, Texas 78213 or by phone at 210-340-2322. No refund will be made for plan sets that are returned. Addenda will be posted on the web at www.sanantonio.gov/irfp along with this solicitation. Changes to Plans, Specifications and Special Conditions will be included in an addendum and may be obtained from the office of Joshua Engineering. Bidder understands and agrees that bidder is responsible for obtaining addenda and adhering to all requirements in addenda. City is not responsible for incorrect information obtained through other sources.

The following documents (fully completed and signed) constitute the required information to be submitted as a part of the bid proposal clearly marked on the outside of the sealed envelope with the due date of bid, bidder name, Project Name and ID NO as follows:

- 1) 010 Invitation for Bids
- 2) 020 Bid Form and unit prices
- 3) 030 Contractor's Qualifications Statement
- 4) Bid bond or cashiers check
- 5) DBE Form 1: DBE Good Faith Effort Plan for Federally Funded Contracts
- 6) Signed Addenda Acknowledgement Forms

It is understood and agreed that the work is to be completed in full on or before 300 calendar days. This project does not include hazardous environmental work. This project requires 0 project sign(s).

This is a Public Works Contract and chapter 2258 of the Texas Government Code requires that not less than the prevailing wage rate for work of a similar character in this locality shall be paid all laborers, workmen, and mechanics employed in the construction thereof. The Wage Decision Number TX080003 effective 03/28/2008 TX3 shall be used on this contract.

The undersigned, by his/her signature, represents that he/she is authorized to bind the bidder to fully comply with Contract Documents for the amount(s) shown on the accompanying bid sheet(s). The work proposed to be done shall be accepted when fully completed and finished to the entire satisfaction of the City. The undersigned certifies all prices contained in this bid have been carefully checked and are submitted as correct and final. The Bidder by submitting this bid and signing below, acknowledges that he/she has received & read the entire Bid and Contract document and agrees to be bound by the terms therein, has received all Addenda, and agrees to the terms, conditions, and requirements of the bidder's bid proposal and all documents listed in TABLE A above that form the entire Contract upon approval by the City Council.

Official Name of Company (legal): RURAL ELECTRIC, INC.

Ann B Fogarty 5/12/08 Signer's Name: Ann B FOGERTY PRES
Signature & Date of Person Authorized to Sign Bid/Contract (Please Print or Type)

**City of San Antonio
Economic Development Department
Interdepartmental Memorandum**

TO: Mark H. Webb, Director, Aviation Department

FROM: Anita Uribe Martin, Asst. Director, Economic Development Department

COPIES: Lisa Brice; Melissa Aguillon; File

SUBJECT: Good Faith Effort Compliance for the Airfield Lighting Upgrade Project at San Antonio International Airport

DATE: September 2, 2008

We have reviewed the Good Faith Effort Plan for the Airfield Lighting Upgrade Project at San Antonio International Airport. The apparent low bidder has submitted contract amounts, which are reflected in the following percentages.

Total Project Cost	\$2,226,040.11	
FIRM NAME: Rural Electric, Inc.	Certified: SWBE	
Small Business Economic Development Advocacy (SBEDA)	Percent Utilized	Dollar Value
Small Business Enterprise (SBE)	70.8%	\$1,576,036.30
Minority Women Business Enterprise (MBE)	%	\$ -0-
Women Business Enterprise (WBE)	70.8%	\$1,576,036.30
African American Business Enterprise (AABE)	%	\$ -0-
Good Faith Effort	Approved	

If there are any questions, please feel free to contact me at (210) 207-3900.


 Anita Uribe Martin
 Assistant Director
 Economic Development Department

4. List all DBE listings or directories, contractor associations, and/or any other associations utilized to solicit

DBE subcontractors/suppliers:

5. Discuss efforts made to define additional elements of the work proposed to be performed by DBEs in order to increase the likelihood of achieving the goal:

6. Indicate advertisement mediums used for soliciting bids from DBEs. (Please attach a copy of the advertisement(s)):

7. Discuss efforts made to assist interested DBEs in obtaining bonding, lines of credit, or insurance:

8. Discuss efforts made to assist interested DBEs in obtaining necessary equipment, supplies, materials, or related assistance or services:

9. Name and phone number of person appointed to coordinate and administer the Federal DBE Good Faith Efforts of your company on this project.

Name: Ann B Fogerty Title: PRESIDENT

Phone Number: 480 986 1488

10. The Good Faith Effort Plan for Federally Funded Contracts must be approved by the Aviation Department's DBE Liaison Officer prior to award of contract.

11. The Federal DBE Good Faith Efforts Plan is subject to the review by the Aviation Department's DBE Liaison and final approval in determining whether Good Faith Efforts have been made rests with the Aviation Director.

AFFIRMATION

I HEREBY AFFIRM THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE. I FURTHER UNDERSTAND AND AGREE THAT, THIS DOCUMENT SHALL BE ATTACHED THERETO AND BECOME A BINDING PART OF THE CONTRACT.

NAME AND TITLE OF AUTHORIZED OFFICIAL: Ann B Fogerty
Ann B Fogerty
PRES

SIGNATURE: John B. Fogarty DATE: 12 MAY 08

FOR SAN ANTONIO INTERNATIONAL AIRPORT USE ONLY:

Plan Reviewed by _____ Date: _____
Signature of DBE Liaison

Recommendation: Approval: _____ Denial: _____
Action Taken: Approved: _____ Denied: _____

CITY OF SAN ANTONIO

Project Name: Airfield Lighting Upgrade Project at San Antonio International Airport
ID NO.: IFB 33-00148

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020

BID FORM

Budget for this contract is \$

I. BASE BID

Amount of Base Bid (Insert Amount in Words and Numbers):

TWO Million TWENTY-THREE THOUSAND \$ 2,023,673.11
SIX HUNDRED SEVENTY-THREE AND ELEVEN CENTS

II. Alternates

Amount of each Alternates (if applicable) insert in Numbers: None

III. Unit Prices

Bidders shall submit unit pricing in any typewritten form, including, but not limited to an original computer printout sheet. All unit pricing documents should bear certification by and signature of the bidding firm and shall be attached immediately following this sheet. NON-APPLICABLE

IV. LUMP SUM ALLOWANCE

Bidders shall include in the Base Bid a lump sum of Seven Hundred Thousand Dollars (\$ 700,000.00) for a complete "turn-key" Airfield Lighting Control and Monitoring system as per the specifications requirements. Difference in cost will be adjusted by Change Order.

RURAL ELECTRIC, INC

Official Name of Company (legal)

480 986 1488

Telephone No.

9502 E MAIN ST.

Address

480 984 0319

Fax No.

MESA, AZ 85207

City, State and Zip Code

annf@ruralelectric.com

E-mail Address



**CITY OF SAN ANTONIO
Request for Council Action**

Agenda Item # 10
Council Meeting Date: 9/11/2008
RFCA Tracking No: R-3850

DEPARTMENT: Aviation Department

DEPARTMENT HEAD: Mark Webb

COUNCIL DISTRICT(S) IMPACTED:
City Wide

SUBJECT:
Airfield Electrical & Lighting Upgrade @ San Antonio International Airport

SUMMARY:
This ordinance accepts the lowest qualified bid, appropriates funds and awards a construction contract in the amount of \$2,023,673.11 payable to Rural Electric, Inc.; authorizes \$202,367.00 for project contingency, for a total authorization of \$2,226,040.11; and executes a contract in connection with the Airfield Lighting Upgrade Project at the San Antonio International Airport.

BACKGROUND INFORMATION:
The project replaces the existing airfield lighting control and monitoring (ALCMS) system with a new computerized system. The new system will control and maintain the lighting and lighted directional signage systems in the airfield. Additionally, the project will replace existing taxiway edge lighting fixtures and associated circuitry, install a feeder circuit and associated circuitry to serve Taxiway Romeo Charlie (Twy RC) existing edge lighting fixtures, and install a communication duct bank interconnecting the West and East Electrical Vaults and the Federal Aviation Administration (FAA) Air Traffic Control Tower. The project also installs two new Constant Current Regulators to serve Taxiway Alpha and Twy RC. The existing ALCMS equipment is over 20 years old and functioning beyond its useful life. Replacing this equipment will be consistent with FAA guidelines and requirements and is included in the City's Six-Year Capital Program.

The project was advertised for construction bids in the Commercial Recorder April 14 and April 21; the San Antonio Informer April 17 and April 24; and La Prensa April 20 and April 27. In addition, the project was also advertised on the City's CIMS Contracting Opportunities Web Site starting April 14, 2008. Plans were also available for review or purchase by potential bidders at the office of Joshua Engineering Group, Inc. located at 2161 NW Military Highway, Suite 103, San Antonio, Texas 78213. Bids for this project were opened and announced on May 14, 2008. There were three (3) qualified bids ranging from the low bid of \$2,023,673.11 to a high bid of \$2,267,220.00. The following is a summary of three qualified bids.

Name of Bidder	Lump Sum Bid
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Rural Electric, Inc.	\$ 2,023,673.11
SAECO Electric & Utility	\$ 2,053,878.00
F.W. Electrical Contractors, Inc.	\$ 2,267,220.00

The bids were evaluated by consulting engineer, Joshua Engineering Group, Inc. and Aviation Department staff. The recommendation letter and bid tabulation are attached hereto. Rural Electric, Inc. does not currently have any active projects with the Aviation Department.

The funding has been changed from Federal Aviation Administration (FAA) Airport Improvement Program (AIP) Grant to the Passenger Facility Charge (PFC). Therefore, the Disadvantaged Business Enterprise (DBE) program has been replaced by the City Small Business Economic Development Advocacy (SBEDA) Program.

ISSUE:

This ordinance accepts the lowest responsive bid and awards a construction contract to Rural Electric, Inc. in the amount of \$ 2,023,673.11 for the Airfield Lighting Upgrade Project at San Antonio International Airport.

This action continues City Council's policy of enhancing airfield safety at San Antonio International Airport.

ALTERNATIVES:

The alternative to this action would be to reject all bids and re-bid this project at a later date. The existing ALCMS equipment is over 20 years old. The manufacturer no longer supports the system and it is difficult to obtain replacement parts for necessary maintenance. Any delay or cancellation of the bid would jeopardize the aircraft safety at San Antonio International Airport.

FISCAL IMPACT:

This action transfers \$1,256,890.11 from the project's "Unallocated Appropriations" and appropriates \$969,150.00 from the Passenger Facility Charge (PFC) Capital Improvement Fund for a total authorization of \$2,226,040.11. Any funding associated with this project under consideration may only be used for Aviation projects.

RECOMMENDATION:

Staff recommends acceptance of the lowest responsive bid and award of a construction contract to Rural Electric, Inc. for Airfield Lighting Upgrade Project at San Antonio International Airport.

This construction contract was developed utilizing a formal competitive bid process; therefore, a Discretionary Contracts Disclosure Form is not required.

ATTACHMENT(S):

File Description	File Name
Joshua Ltr Recommend	Joshua Ltr Rec for Rural.pdf
Construction Contract	Construction Contract.pdf
Bid Form	Rural Bid Form.pdf
SBEDA GFEP Approval	Compliance for the Airfield Lighting Upgrade Project at SAIA GFE 090208.pdf
Voting Results	
Ordinance/Supplemental Documents	200809110780.pdf

DEPARTMENT HEAD AUTHORIZATIONS:

Mark Webb Director Aviation Department

APPROVED FOR COUNCIL CONSIDERATION:

Penny Postoak Ferguson Assistant City Manager