

CITY OF EL PASO, TEXAS
DEPARTMENT HEAD'S SUMMARY REQUEST FOR COUNCIL ACTION (RCA)

DEPARTMENT: Engineering

AGENDA DATE: 05/05/09

CONTACT PERSON/PHONE: Terrence Freiburg, Purchasing Manager, Financial Services, (X-4313)

R. Alan Shubert, P.E., City Engineer, (X-4423)

DISTRICT(S) AFFECTED: 4

SUBJECT:

Award Bid for the construction of Northeast Regional Park Field Lighting (Solicitation No. 2009-153) to Kendrick Electric Corp. Base Bid I \$529,600.00, Option I \$64,100.00, in the estimated contract amount of \$593,700.00 as per recommendations from the Engineering Department.

Kendrick Electric Corp. is the lowest responsible, responsive Bidder. It is requested that the City Manager be authorized to sign the referenced contract.

BACKGROUND / DISCUSSION:

The Base Bid Work shall consist of installing light poles, foundations, light fixtures, ballasts, lighting contactors, distribution panels, conduit and wire, for Softball Fields #2, #3, and #4. Softball Field #1 currently has a lighting system; however the existing lighting contactor and control will be replaced as part of this project.

Option I shall consist of the installation of conduit, conductors and pull-boxes for Multi-Use Fields #1, #2, and #3 and shall include the furnishing of all labor, materials, services, and equipment required in connection with or properly incidental to installing conduit, conductors and pull boxes from the electrical room to the proposed light pole locations for Multi-Use Fields #1, #2, and #3.

Bid Tabulation and departmental recommendations are attached as back up to the agenda item.

PRIOR COUNCIL ACTION:

N/A

AMOUNT AND SOURCE OF FUNDING:

Funding sources are: 14101001 – 508027 – 60137 – PPW0046004B
2000 Quality of Life Bonds

BOARD / COMMISSION ACTION:

N/A

***** REQUIRED AUTHORIZATION *****

LEGAL: (if required) _____ **FINANCE:** (if required) _____

DEPARTMENT HEAD: _____

(Example: if RCA is initiated by Financial Services, client department should sign also)

Information copy to appropriate Deputy City Manager

APPROVED FOR AGENDA:

CITY MANAGER: _____

DATE: _____

CONSTRUCTION PROJECT FORM
Lump sum

DATE: 04/27/09
PROJECT: Northeast Regional Park Field Lighting
SOLICITATION NO: 2009-153
ACCOUNT NO(S): 14101001 – 508027 - 60137 – PPW0046004B
FUNDING SOURCE: 2000 Quality of Life Bonds
DEPARTMENT: Engineering
DISTRICT(S): # 4 **LOCATION:** Northeast Park, McCombs & Patriot Freeway, El Paso, TX.

Lowest responsible bidder

AGENDA DATE: 05/05/09

CONTRACTOR: Kendrick Electric Corp.

TOTAL ESTIMATED AMOUNT: \$593,700.00

RECOMMENDATION:

Discussion and action on the award of Solicitation No. 2009-153 for the Northeast Regional Park Field Lighting to Kendrick Electric Corporation for a total estimated amount of \$593,700.00.

It is requested that the City Manager of the City of El Paso be authorized to sign any contracts or other documents required to effectuate this award.

As a part of this award, upon the review of the City Attorney, the City Engineer may without further authorization from City Council approve contract changes which are necessary for proper execution of the work and carrying out the intent of the design, but which do not increase the scope of the contract as awarded, in an amount not to exceed \$25,000.00 per numbered change order without further authorization by City Council.

This is a low bid, lump-sum contract. The Financial Services and Engineering Departments recommend award as indicated to the lowest responsible bidder.

DESCRIPTION OR EXPLANATION:

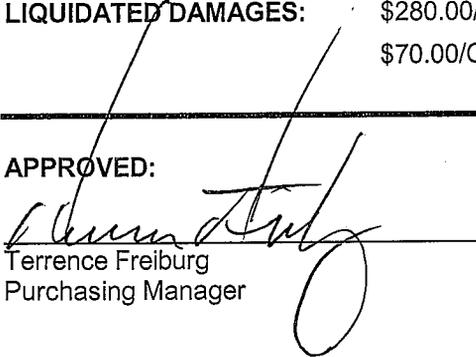
Base Bid	\$529,600.00
Option # 1	<u>\$64,100.00</u>
Sum Total	\$593,700.00

TOTAL ESTIMATED AWARD: \$593,700.00

TIME FOR COMPLETION: 190 Consecutive calendar days
(180 Consecutive calendar days for substantial completion)

LIQUIDATED DAMAGES: \$280.00/Consecutive work day after substantial completion date
\$70.00/Consecutive work day after expiration of contract time

APPROVED:


Terrence Freiburg
Purchasing Manager

Dedicated to Outstanding Customer Service for a Better Community

S E R V I C E S O L U T I O N S S U C C E S S



Date: April 24, 2009
To: Michelle LePage, Project Controls
Through: Sam Rodriguez, Engineering Division Manager
From: Mauro Monsisvais, Engineering Associate
Cc: Nanette Smejkal, Parks and Recreation Director
Marcy Trujillo, Parkhill Smith and Cooper
Subject: Northeast Regional Field Lighting
Solicitation No. 2009-153

We have reviewed the above subject bid and we recommend that **BASE BID and OPTION I** be awarded to **Kendrick Electric** as the lowest, most responsive and responsible bidder meeting specifications. Total estimated contract award: **\$593,700.00**.

Base Bid I	\$529,600.00
Option I	\$ 64,100.00

If you have any question please call me at 541-4013 or via electronic mail at monsisvaism@elpasotexas.gov.

Sincerely,

Mauro Monsisvais
Engineering Associate

Mayor
John F. Cook

City Council

District 1
Ann Morgan Lilly

District 2
Susannah M. Byrd

District 3
Emma Acosta

District 4
Melina Castro

District 5
Rachel Quintana

District 6
Eddie Holguin Jr.

District 7
Steve Ortega

District 8
Beto O'Rourke

City Manager
Joyce A. Wilson

NORTHEAST REGIONAL PARK FIELD LIGHTING

SOLICITATION No. 2009-153

SCOPE OF WORK

Base Bid

The Base Bid for this project shall include all work described and/or indicated on the drawings and specifications as Base Bid, and shall include the furnishing of all labor, materials, services, and equipment required in connection with or properly incidental to the installation of three Softball Field Lighting systems.

Work shall consist of installing light poles, foundations, light fixtures, ballasts, lighting contactors, distribution panels, conduit and wire, for Softball Fields #2, #3, and #4. Softball Field #1 currently has a lighting system; however the existing lighting contactor and control will be replaced as part of this project. Conduits from the electrical room to the Softball Field light pole locations were installed during the Phase I construction of the park.

Additive Options

Option No. 1 – Installation of conduit, conductors and pull-boxes for Multi-Use Fields #1, #2, and #3; The work of this alternate shall include all work described and/or indicated on the drawings and specifications as Alternate Bid No. 1, and shall include the furnishing of all labor, materials, services, and equipment required in connection with or properly incidental to installing conduit, conductors and pullboxes from the electrical room to the proposed light pole locations for Multi-Use Fields #1, #2, and #3.

Option No. 2 – Installation of foundations, poles, luminaires, contactors and distribution panels for Multi-Use Field #1; The work of this alternate shall include all work described and/or indicated on the drawings and specifications as Alternate Bid No. 2, and shall include the furnishing of all labor, materials, services, and equipment required in connection with or properly incidental to installing five illumination assemblies with associated distribution panel, lighting contactor and controls.

Option No. 3 – Installation of foundations, poles, luminaires, contactors and distribution panels for Multi-Use Field #2; The work of this alternate shall include all work described and/or indicated on the drawings and specifications as Alternate Bid No. 3, and shall include the furnishing of all labor, materials, services, and equipment required in connection with or properly incidental to installing six illumination assemblies with associated distribution panel, lighting contactor and controls.

Option No. 4 – Installation of foundations, poles, luminaires, contactors and distribution panels for Multi-Use Field #3; The work of this alternate shall include all work described and/or indicated on the drawings and specifications as Alternate Bid No. 4, and shall include the furnishing of all labor, materials, services, and equipment required in connection with or properly incidental to installing six illumination assemblies with associated distribution panel, lighting contactor and controls.

Option No. 5 – Replace approximately 1000 LF of 1¼” conduit that may have been damaged. The work for this alternate shall include all necessary work needed to accomplish this task, including but limited to the furnishing of all labor, materials, services, and equipment required in connection with or properly incidental to installing electrical schedule- 40 PVC conduit

Prior to commencing of work the Contractor shall submit to the City of El Paso Engineering Department, and obtain approval of, the Sequence of Construction, Schedule of Work, and Traffic Control Plan.

END SCOPE OF WORK

CITY OF EL PASO BID TABULATION

BID TITLE: NORTHEAST REGIONAL PARK FIELD LIGHTING
 BID DATE: MARCH 25, 2009

BID NO: 2009-153
 DEPARTMENT: PARKS

		ALL TRADES ELECTRICAL CONTRACTOR'S INC. EL PASO, TEXAS	KARLSRUHER, INC. DBA CSA ENGINEERS AND CONSTRUCTORS EL PASO, TEXAS	KENDRICK ELECTRIC CORP. EL PASO, TEXAS	LITECO ELECTRIC, INC. BELLVILLE, TEXAS	LOMELI AND SONS LANDSCAPING, CO., INC. EL PASO, TEXAS							
DESCRIPTION		TOTAL	TOTAL	TOTAL	TOTAL	TOTAL							
BASE BID		\$564,506.00	\$654,000.00	\$529,600.00	\$730,032.00	\$759,750.00							
OPTION NO. 1		\$63,849.00	\$144,000.00	\$64,100.00	\$157,202.00	\$137,900.00							
OPTION NO. 2		\$206,435.00	\$214,000.00	\$189,000.00	\$148,086.00	\$237,800.00							
OPTION NO. 3		\$155,724.00	\$162,000.00	\$139,300.00	\$92,815.00	\$189,800.00							
OPTION NO. 4		\$138,035.00	\$150,000.00	\$127,900.00	\$92,815.00	\$179,450.00							
ITEM #	EST. QTY	UNITS	DESCRIPTION	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
OPTION NO. 5													
1	1,000	LF	INSTALLATION OF 1/4 CONDUIT	\$2.30	\$2,300.00	\$5.00	\$5,000.00	\$36.00	\$36,000.00	\$4.68	\$4,680.00	\$39.00	\$39,000.00
OPTION NO. 5				\$2,300.00	\$5,000.00	\$36,000.00	\$4,680.00	\$39,000.00					
BID BOND SUBMITTED			CASHIER'S CHECK		YES		YES		YES		YES		YES
AMENDMENTS ACKNOWLEDGED				YES		NO		YES		YES		YES	

APPROVED BY: *MWP*

CITY OF EL PASO BID TABULATION

BID TITLE: NORTHEAST REGIONAL PARK FIELD LIGHTING BID NO: 2009-153
 BID DATE: MARCH 25, 2009 DEPARTMENT: PARKS

	MATYEAR CONSTRUCTION CO., INC. EL PASO, TEXAS	R T ELECTRIC, INC. LAS CRUCES, NM	EL PASO A. R. C. ELECTRIC, INC. EL PASO, TEXAS		
DESCRIPTION	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
BASE BID	\$804,000.00	\$542,213.00	\$645,888.00		
OPTION NO. 1	\$154,000.00	\$64,080.00	\$67,040.00		
OPTION NO. 2	\$256,000.00	\$188,764.00	\$191,616.00		
OPTION NO. 3	\$207,000.00	\$153,490.00	\$150,132.00		
OPTION NO. 4	\$189,000.00	\$133,142.00	\$135,959.00		

ITEM #	EST. QTY	UNITS	DESCRIPTION	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
OPTION NO. 5													
1	1,000	LF	INSTALLATION OF 1/4 CONDUIT	\$40.00	\$40,000.00	\$6.05	\$6,050.00	"cancelled per addendum"			\$0.00		\$0.00
OPTION NO. 5				\$40,000.00		\$6,050.00			\$0.00		\$0.00		
BID BOND SUBMITTED				YES		YES		YES					
AMENDMENTS ACKNOWLEDGED				YES		YES		YES					

APPROVED BY: *MAP*

Site Options for Soccer Complex

Westside Sports Complex
or

Northeast Regional Sports Park



Available Funds for Reprogramming

- \$4,499,001

Existing Conditions

Westside Sports Complex

- Current site is 34.121 acres
- 8 soccer fields (2 lit)
- Concession stands and restrooms
- Playground, internal parking (169 spaces), and other additional open space
- Phase I will be completed Summer of 2008

Northeast Regional

- Current site is 58.2766 acres
- 3 soccer fields (none lit) & 4 softball fields (1 lit)
- Restrooms
- Playground, parking (299 spaces), and other additional open space
- Phase I was completed Spring of 2007



Westside Sports Complex

- 400 space parking lot planned for construction on EPCC land per contractual agreement (no later than 6 years after completion of Westside Sports Complex Phase I)
- League or tournament play requires parking lot completion
- Budget shortfall (from Phase 1 funds) for parking lot is approximately \$400,000
- Joint use of all EPCC parking (total of 1,060 spaces including the 400 space parking lot) in addition to parking located on the park site (169 spaces)
- Completion of 400 space lot triggers additional land conveyance from EPCC to be used for park expansion in the amount of 16.146 acres



Northeast Regional Sports Park

- Parking currently inadequate for Phase I - needs to be included in Phase II
- PSB “greenway” land adjacent to park is available for park expansion (20 acres)
- Field capacity is high on adjacent PSB greenway



Potential Improvements

Westside Sports Complex

- Construct 5 soccer fields for a total of 13 soccer fields
- Light 7 soccer fields for a total of 9 lit soccer fields
- Construct 400 parking spaces
- Improvements include sidewalks, irrigation, landscaping, etc.

Northeast Regional

- Construct 10 soccer fields for a total of 13 soccer fields
- Light 9 soccer fields for a total of 9 lit soccer fields
- Construct 800 parking spaces
- Improvements include sidewalks, irrigation, landscaping, etc.



Estimate

Westside Sports Complex

Westside Sports Complex

No.1	Item	Quantity	Unit	Unit Price	Amount
	Field Lighting	7	EA	\$ 200,000	\$ 1,400,000
	Clearing and Grubbing	16	AC	\$ 5,000	\$ 80,000
	Earthwork	80,000	CY	\$ 3	\$ 200,000
	Irrigation	1	LS	\$ 325,000	\$ 325,000
	Sod	16	AC	\$ 16,000	\$ 256,000
	Landscaping	1	LS	\$ 30,000	\$ 30,000
	Design & Management	1	LS	\$ 206,000	\$ 206,000
	Sidewalks	9,500	SF	\$ 4	\$ 33,250
	60" Storm Sewer Pipe	400	LF	\$ 300	\$ 120,000
	Archaeological Survey	1	LS	\$ 30,000	\$ 30,000
	Parking Lot Shortfall			\$ 400,000	\$ 400,000
				Sub Total	\$ 3,080,250
				Contingency 15%	\$ 462,038
				Total	\$ 3,542,288

Estimate

Northeast Regional

Northeast Regional Sports Park

No.1	Item	Quantity	Unit	Unit Price	Amount
	Soccer Field Lighting	9	EA	\$ 200,000	\$ 1,800,000
	Parking Lot (Incl. Curb)	25,000	SY	\$ 32	\$ 800,000
	Clearing and Grubbing	23	AC	\$ 5,000	\$ 115,000
	Earthwork	40,000	CY	\$ 3	\$ 100,000
	Irrigation	1	LS	\$ 500,000	\$ 500,000
	Sod	18	AC	\$ 16,000	\$ 288,000
	Landscaping	1	LS	\$ 30,000	\$ 30,000
	Design & Management	1	LS	\$ 200,000	\$ 200,000
	Sidewalks	14,000	SF	\$ 4	\$ 49,000
	Access Over Levee	1	LS	\$ 60,000	\$ 60,000
	Archaeological Survey	1	LS	\$ 30,000	\$ 30,000

Sub Total \$ 3,972,000

Contingency 15% \$ 595,800

Total \$ **4,567,800**

Conclusions

Westside Sports Complex

Pros

- Available funds can accomplish a 13 field soccer complex, with 9 lit fields
- Loop 375 will give easy access in the future
- Construction of EPCC parking lot provides a total of 1,230 parking spaces
- Remaining Funds can light fields at Northeast RSP

Cons

- Total acreage is limited to 50.27 acres
- EPEC transmission lines limit lit fields to 9 total
- Archaeological survey required

Conclusions

Northeast Regional

Pros

- Available funds likely to accomplish a 13 field soccer complex, with 9 lit fields
- Land for multiple expansion phases available
- Close to airport

Cons

- Restrictions on structures and impermeable surfaces
- Higher construction cost than Westside option
- Archaeological survey required



Expanded Use of Fields With Lights

Westside Sports Complex

<u>Current</u>	<u>Hrs. of Use/Wk</u>	<u>Potential</u>	<u>Hrs. of Use/Wk</u>
6 Soccer Fields W/O Lights	192	4 Soccer Fields W/O Lights	128
2 Soccer Fields With Lights	<u>106</u>	9 Soccer Fields With Lights	<u>477</u>
8 fields Total	298	13 Fields Total	605



Expanded Use of Fields With Lights

Northeast Regional Sports Complex

<u>Current</u>	<u>Hrs. of Use/Wk</u>	<u>Potential</u>	<u>Hrs. of Use/Wk</u>
3 Softball Fields W/O Lights	84	4 Softball Fields With Lights	212
1 Softball Field With Lights	<u>29</u>		
4 Fields Total	113		
3 Soccer Fields W/O Lights	<u>96</u>	3 Soccer Fields With Lights	139
3 Fields Total	96		



Northeast Regional Park Field Lighting



May 5, 2009



Background

- **Council took action to reallocate the unused money in the amount of \$4,499,001 from the Ft. Bliss Soccer Complex.**
- **Allocation was as follows:**
 - **Northwest Parking Lot**
 - **\$137,005.46**
 - **Westside Sports Complex Phase II**
 - **\$2,459,122.55**
 - **Westside Sports Complex Field Lighting**
 - **\$946,159.99**
 - **Northeast Regional Park Field Lighting**
 - **\$956,713.00**



Status

Project

Northwest Parking Lot

Westside Sports Complex Ph. I

NE Regional Park Field Lighting

WS Sports Complex Field Light.

Westside Sports Complex Ph. II

Status

Substantially Complete

Substantially Complete

Award Today

Award Today

Preparing Bid Documents



- **NE Regional Park Field Lighting**

- **Funding Source :**
2000 Quality of Life Bonds

- **Construction Cost :**

Base Bid I	\$ 529,600
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3 Softball Fields

Option 1	\$ 64,100
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Conduit for 3 Soccer Fields

Total Award	\$ 593,700
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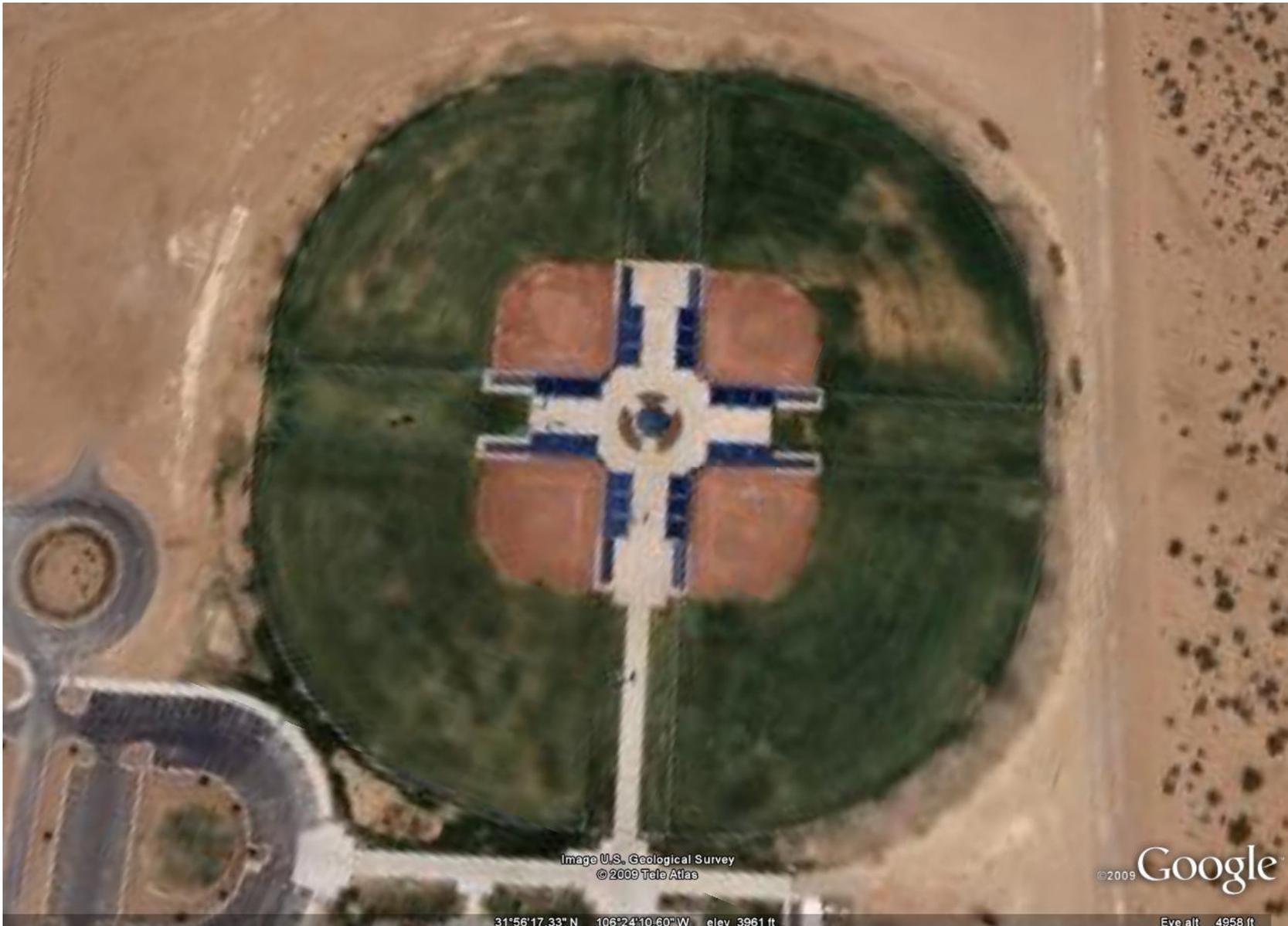


Image U.S. Geological Survey
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31°56'17.33" N 106°24'10.60" W elev 3961 ft

Eye alt 4958 ft



Recommendation

- **Lowest responsible and responsive bid received from:**
 - **Kendrick Electric**
- **Base Bid I and Option 1 be awarded to Kendrick Electric**
 - **\$593,700 total estimated award**
- **Total Construction Time: 190 Calendar Days**
- **Substantial Completion: 180 Calendar Days**
- **Scheduled Completion: December 2009**



Questions/Comments