

**CITY OF EL PASO, TEXAS  
AGENDA ITEM  
DEPARTMENT HEAD'S SUMMARY FORM**

CITY CLERK DEPT.

**DEPARTMENT:** Department of Information Technology Services

2016 OCT 25 PM 12:39

**AGENDA DATE:** November 1, 2016

**CONTACT PERSON/PHONE:** Bruce D. Collins – Purchasing Director  
Purchasing & Strategic Sourcing, (915) 212-1181  
Enrique Martinez Jr. – Director  
Information Technology Services, (915) 212-1400

**DISTRICT(S) AFFECTED:** All Districts

**STRATEGIC GOAL: NO. 2** Set the Standard for Safe and Secure City

**SUBJECT:**

Request that the Director of Purchasing & Strategic Sourcing Department be authorized to issue purchase orders to Motorola Solutions under Contract DIR-SDD-2203 for an amount of \$509,930.76 for the purchase of equipment and technical services in support of the new El Paso County 911 District facility.

**BACKGROUND / DISCUSSION:**

The purchase orders will accommodate the installation of a new Public Safety Radio tower, and the transition from Police Headquarters to the new 911 District facility. This purchase allows the City to purchase standardized equipment for the Public Safety Radio System.

**SELECTION SUMMARY:**

The State DIR contract #DIR-SDD-2203 will be used for this purchase.

**PROTEST**

No protest received for this requirement.

Protest received.

**COUNCIL REPRESENTATIVE BRIEFING:**

Was a briefing provided?  Yes or  No

If yes, select the applicable districts.

- District 1
- District 2
- District 3
- District 4
- District 5
- District 6
- District 7
- District 8

**PRIOR COUNCIL ACTION:**

None

**AMOUNT AND SOURCE OF FUNDING:**

2010 Certificates of Obligation

Account: 580100  
Dept.: 190  
Fund: 4500  
Division: 28310  
Project: PCP10IT02A0

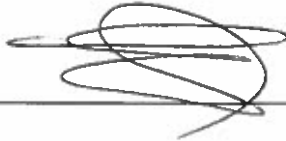
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**BOARD / COMMISSION ACTION:**

N/A

\*\*\*\*\*REQUIRED AUTHORIZATION\*\*\*\*\*

**DEPARTMENT HEAD:**



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Enrique Martinez Jr., Information Technology Services, Director

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2016 OCT 25 PM 12:40

**COUNCIL PROJECT FORM  
(COOPERATIVE PURCHASE)**

\*\*\*\*\***POSTING LANGUAGE BELOW**\*\*\*\*\*

Please place the following item on the REGULAR agenda for the Council Meeting of November 1, 2016.

**Strategic Goal #2: Set the Standard for Safe and Secure City**

Discussion and action on the request that the Director of Purchasing & Strategic Sourcing Department be authorized to issue purchase orders to Motorola Solutions, Inc. referencing the State of Texas Department of Information Resources (DIR) Contract #DIR-SDD-2203 for the purchase of equipment and technical services in support of the new El Paso County 911 District facility. The City has made the determination that purchasing from this cooperative offers the most cost-effective pricing.

The participation by the City of El Paso in the Department of Information Resources (DIR) was approved by Mayor and Council on 2/27/2007.

Department:	Information Technology
Vendor:	Motorola Solutions, Inc. El Paso, Texas
Total Estimated Amount:	\$509,930.76
Account No.:	190-28310-580100-4500-PCP10IT02A0
Funding Source:	2010 Certificates of Obligation
Reference No:	2017-406

District(s): All

This is a Cooperative, equipment and service contract.

Additionally, it is requested that the City Attorney's Office review and that the City Manager be authorized to execute any related contract documents and agreements necessary to effectuate this award.

\*\*\*\*\***ADDITIONAL INFO BELOW**\*\*\*\*\*



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## Purchasing & Strategic Sourcing

### Six (6) Factor Option Memo

To: Bruce D. Collins, CPPO, Director  
Purchasing & Strategic Sourcing Department

From: Enrique Martinez Jr., Director  
Department of Information Technology Services

Date: October 3<sup>rd</sup>, 2016

Signature: 

Re: Motorola Solutions, DIR-SDD-2203

The Department of Information Technology Services (DoITS) recommends authorizing the Purchasing Director to issue a purchase order to Motorola Solutions. DoITS will utilize Contract Number DIR-SDD-2203, for the purchase of equipment and services in support of the new E911 District Facility.

The following are the factors used to evaluate the use of this procurement program as the best approach:

1. **Is there an urgent need for the product/service? In other words, is time of the essence?**  
Yes. It is critical to complete the new El Paso 911 District facility.
2. **Does the purchase through the Program promote the standardization of equipment?**  
Yes. The City of El Paso Public Safety Radio systems is a standardized system.
3. **Does the purchase through the Program support local business? If not, is there a comparable product/service available locally?**  
Yes. Motorola's certified local service provider facilitates the installation, repairs, and maintenance for the existing radio system
4. **Do the available vendors have prior work experience and/or familiarity with the City?**  
Yes. Motorola Solutions completed the Project 25 (P25) radio system upgrade for the City of El Paso in 2013.
5. **Is the pricing reasonable as compared to other similar products/work performed for the City of El Paso in the past or as quoted from other companies?**  
Yes. Through the Texas Department of Information Resource (DIR) competitive bidding process.
6. **Is the proposed vendor on the City's wage theft data base?**  
No.

Bruce D. Collins, CPPO  
City 1 | 300 N. Campbell Street | El Paso, Texas 79901 | (915) 212-0043

*"Delivering Outstanding Services"*

**Mayor**  
Oscar Leeser

**City Council**

*District 1*  
Peter Svarzbein

*District 2*  
Jim Tolbert

*District 3*  
Emma Acosta

*District 4*  
Carl L. Robinson

*District 5*  
Dr. Michiel R. Noe

*District 6*  
Claudia Ordaz

*District 7*  
Lily Limón

*District 8*  
Cortney C. Niland

**City Manager**  
Tommy Gonzalez



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## PRICING: Per Texas DIR-SDD-2203

### PRICING SUMMARY - RAYNOR MOVE

Raynor Move Equipment	
Replacement Antenna Lines & Connectors	\$10,625.50
ASTRO NMClient software	\$570.50
<b>Total Infrastructure</b>	<b>\$11,196.00</b>
Raynor Move Services	
60 Tech Days -	
3Techs3 days for team to remove equipment from Raynor. REMOVE 17 OPsVPMs, 2 MOSCAD, 1 NM CLIENT, 1 AIS/VPM, 1 MACH ALERT SERVER, 1 IP LOGGER, 1 INFORM SERVER, 6 RACKS, HP SWITCHES, SITE ROUTERS, CCGWS, NEWMAR PS	
3Techs3 days for team to remove control stations and antenna systems. Remove 2 HPD's (Raynor & WF), Yagi's and Mounts.	\$60,000.00
3 Techs and 10 days for team to install at 911CC. Install 17 OPsVPMs, 2 MOSCAD, 1 NM CLIENT, 1 AIS/VPM, 1 MACH ALERT SERVER, 1 IP LOGGER, 1 INFORM SERVER, 6 RACKS, HP SWITCHES, SITE ROUTERS, CCGWS, NEWMAR PS	
2 Techs 6 days - install power supplies, 6 antennas and tower mount	
22 trips/2 vehicles (mileage)	\$2,688.00
Installation Materials (including mounting hardware for antennas and ethernet cable and connectors)	\$8,326.00
Cutover support and equipment (details on Page 6)	
Provide temporary install of deskset remotes (20) at assigned dispatch locations and interface to consolettes (20). Removal following cutover.	\$17,800.00
<b>Total Installation</b>	<b>\$88,814.00</b>
Raynor Project Management, System Engineering, and System Technolst, IPNS Engineer, MACH Engineering Services	
Project Management- 14 Days plus Travel/Per Diem	\$32,935.50
System Engineering and IPNS Engineer- 11 days plus Travel/Per Diem	\$26,261.50
System Technologist- 13 days plus Travel/Per Diem	\$32,279.50
(1) Engineer 1 Week On-Site. MACH Alert Re-Configuration. No material. Moving and reconfiguring entire MACH Alert System.	\$12,456.50
<b>Raynor Project Management, System Engineering, and System Technolst, IPNS Engineer, MACH Engineering Services Total</b>	<b>\$103,933.00</b>
Acceptance Testing	Included
Documentation	Included
Warranty & Maintenance	All equipment is existing; covered

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	under existing maintenance agreement
Total Services for Raynor Relocation	\$192,747.00
Total Infrastructure for Raynor Relocation	\$11,196.00
<b>Total Proposal Price for Raynor Relocation</b>	<b>\$203,943.00</b>



**PRICING SUMMARY - PTP & TOWER**

**PTP & Tower Equipment**

140 foot tower	\$35,200.00
PTP800 - 911CC to NE Site	\$28,915.30
PTP800 - 911CC to MRE (repurposing NE equipment)	\$4,945.30
Total Infrastructure	\$69,060.60

**PTP & Tower Services**

- 6 days of installation. 2 Techs 1 INSTALL MRE-911CC LINK (MRE NODE), TURN KEY
- 1 1 INSTALL MRE-911CC LINK (911CC NODE), TURN KEY (TOWER RATE)
- 1 1 INSTALL 911CC-NE LINKS (911CC NODE), TURN KEY (TOWER RATE)
- 2 1 INSTALL 911CC-NE LINKS (911CC NODE), GROUND CREW
- 1 1 INSTALL 911CC-NE LINKS (NE NODE), TURN KEY (TOWER RATE)
- 2 1 INSTALL 911CC-NE LINKS (NE NODE), GROUND CREW

6 Days of Installation/ 2 Techs travel to and from sites (MRE, 911CC, NE)

<b>Total Installation</b>	<b>\$22,919.56</b>
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**PTP & Tower Project Management and Construction Manager**

Project Management - 9 days plus travel/per diem	\$19,431.00
Site Construction Project Manager - 15 Days: Project Management oversight of 140' Tower, Construction, Civil , Permitting, FAA Coordination. Please refer to SOW page 19-20 for specific site development tasks including obtaining electrical, building, construction and FAA permits.	\$26,893.60
System Engineering - IPNS Engineering 5 days plus travel/per diem	\$13,878.00
<b>Total PTP &amp; Tower Project Management and Construction Manager</b>	<b>\$60,202.60</b>

**Site Design & Site Development**

Architecture & Engineering Services	\$31,354.00
Site Acquisition/Zoning	\$6,518.00
Site Prep including compound preparation, grading, gravel, Bollards and landscape cleanup.	\$27,356.00
Site Component Installation - Wave Guide, Foundation, and Exterior Grounding	\$12,737.00
Tower Work - including pier and pad foundation, self supported tower installation and grounding for tower base.	\$81,021.00

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Tower Freight	\$4,819.00
Acceptance Testing	Link Test included
Documentation	Included
Training	None
Warranty & Maintenance	1 year included for new PTP equipment. This will roll over to the ASTRO P25 Service Agreement
<b>Total Site Design &amp; Site Development</b>	<b>\$163,805.00</b>
Other (Required per Tech. Spec. & COEP)	none
Total Equipment and Infrastructure	\$ 69,060.60
Sub-Total PTP & Tower Installation	\$ 22,919.56
Sub-Total PTP & Tower Project Management and Construction Manager	\$ 60,202.60
Sub- Total PTP & Tower Site Design & Site Development	\$163,805.00
Total Services for PTP&Tower	\$246,927.16
<b>Total Equipment/Infrastructure and Services</b>	<b>\$315,987.76</b>

## FINAL PRICING SUMMARY

### Final Price Summary Raynor Relocation, PTP, and Tower

Sub-Total Proposal Price for Raynor Relocation	\$203,943.00
Sub-Total Proposal Price (2) PTP, 140' Tower and Services	\$315,987.76
<b>Total Pricing for Raynor Relocation and (2) PTP, 140' Tower and Service Services</b>	<b>\$519,930.76</b>
<b>Good Partner Discount</b>	<b>&lt;\$10,000.00&gt;</b>
<b>System Total</b>	<b>\$509,930.76</b>