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

DEPARTMENT: **International Bridges**
AGENDA DATE: **April 30, 2012**
CONTACT PERSON/PHONE: **SAID LARBI-CHERIF, P.E., INTERNATIONAL BRIDGES DEPT., 533-7428**
BRUCE D. COLLINS, PURCHASING MANAGER, 541-4313
DISTRICT(S) AFFECTED: **1, 3 AND 8**

SUBJECT:
Discussion and action to award solicitation 2013-111R, Single Space Parking Meters. International Bridges recommends award to the following bidder for solicitation 2013-111R Single Space Parking Meters for an estimated 3-year total of $1,107,550.

CONTRACTOR: **DUNCAN PARKING TECHNOLOGIES, Inc**

PART 1 – PARKING METERS MECHANISMS AND COMPONENTS:	**$648,650**
PART 2 – VEHICLE SENSORS:	**$116,000**
PART 3 - TRAINING:	**$0**
PART 4 – LICENSES, SERVICE/MAINTENANCE AND TRANSACTIONS:	**$114,300 – FIRST YEAR**
	$342,900 – 3 YEAR TOTAL

GRAND TOTAL YEAR 1: **$878,950**
GRAND TOTAL 3 YEARS: **$1,107,550**

BACKGROUND / DISCUSSION:
Solicitation 2013-111R is a request for proposals. This award will allow the City to upgrade the parking meter technology and expand the meter program to the Hospitals area on North Oregon. The upgrade will allow the City to improve customer service by allowing multiple types of payment: debit, credit and cash, the ability to implement progressive and variable rates and provide free blocks of parking time. The award includes the acquisition of sensors installed on the meter poles that will provide real-time data about meter occupancy and will greatly enhance enforcement. This proposal will allow the City to deploy real time digital parking guidance maps and offer pay-by-cell options.

SELECTION SUMMARY:
Solicitation was advertised on 01/29/2013. The solicitation was posted on City website on 01/29/2013. The email (Purmail) notification was sent out on 01/29/2013. A total of four (4) non-local vendors responded and four (4) proposals were received. A Committee made up of 5 City employees ranked the proposals and the two top responders were invited to make presentations of their proposed solutions and provide answers to a list of questions. The two top responders were then asked to provide a Best and Final Offer.

PRIOR COUNCIL ACTION:
- On December 6, 2011, City Council approved the Loading Zones, Parking and Special Issues Final Report and the Pro-Forma for the Parking meters Upgrade.
- FY 2013 Budget Resolution authorized the City Manager to appropriate funds in the enterprise fund in an amount not to exceed $368,500 for the procurement of parking meters which cost will be capitalized and payment budgeted annually from the incremental parking meter revenues over a period not to exceed the life of the assets.

AMOUNT AND SOURCE OF FUNDING:
Source of Funding: Internal Financing through the Bridges Enterprise Fund.
The upgrade and expansion of the parking meter program will allow the City to continue to generate revenue while providing greater convenience to the public and greater ease of management, maintenance and enforcement of the parking meter system.

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

DEPARTMENT HEAD: _____

(If Department Head Summary Form is initiated by Purchasing, client department should sign also)

Information copy to appropriate Deputy City Manager

COUNCIL PROJECT FORM
(Request for Proposal (RFP))

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

Please place the following item on the **REGULAR** agenda (under **RFP's**) for the Council Meeting of **APRIL 30, 2013**.

Discussion in action on the Award of Solicitation No. 2013-111R (Single Space Parking Meters) to Duncan Parking Technologies, Inc. for a total estimated award of $1,107,550.00

Department:	International Bridges
Award to:	Duncan Parking Technologies, Inc. Milwaukee, WI
Item(s):	All
Initial Term:	3 Years
Option:	3 Years
Initial Estimated Amount:	$1,107,550.00 (Meter Mechanism & Components, Vehicle Sensors and 3 Years License, Maintenance and Transaction Fees)
Total Option:	$342,900.00 (License, Maintenance and Transaction Fees)
Total Estimated Award:	$1,450,450.00 (6 Years)
Account No.:	Internal Financing through the Bridges Enterprise Fund
Funding Source:	Internal Financing through the Bridges Enterprise Fund
District(s):	1, 3 and 8

This is a Request for Proposal (RFP), service contract.

The Financial Services - Purchasing Division and International Bridges recommend award as indicated to Duncan Parking Technologies, Inc., the highest ranked proposer based on evaluation factors established for this procurement.

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

Note: To award multiple vendors, repeat all items between "Award to:" and "Annual Estimated Amount:"

DATE: 4/23/2013

REQUEST FOR PROPOSAL (RFP) COMMITTEE SCORE SHEET

RATER# :

BID NO.: **2013-111R**

BID TITLE: **SINGLE SPACE PARKING METERS**

DEPARTMENT: **INTERNATIONAL BRIDGES**

VENDORS/COMPANIES	POINTS	Duncan Parking Technologies, Inc.	IPS Group, Inc.		
Cost		$ 1,107,550.00	$ 1,225,840.00		
(# points/percent max)	**30**	30	27		
Quality of Response Respondents evaluated on responsiveness to proposal request.	**10**	10	9.42		
Written demonstration of functional requirements of proposed hardware & software as it relates to the scope of work (# points/percent max)	**25**	25.00	23.80		
Experience & capacity with single space meters that accept card payments. (# points/percent max)	**30**	28	27.80		
Performance with the Cify of El Paso (# points/percent max)	**5**	5	5		
GRAND TOTAL (100 points/percent max)	**100**	**98.00**	**93.02**		

IPS Group Inc.
6195 Cornerstone Ct. East, Ste. 114
San Diego, CA 92121

Duncan Solutions, Inc.
533 W. Wisconsin Ave., Ste. 1600
Milwaukee, Wisconsin 53203

POM Incorporated
P.O. Box 430
Russellville, AR 72811-0430

CITY OF EL PASO
REQUEST FOR PROPOSAL TABULATION FORM

Bid Opening Date: February 27, 2013
Project Name: SINGLE SPACE PARKING METERS

Solicitation #: 2013-111R
Department: INTERNATIONAL BRIDGES

DUNCAN PARKING TECHNOLOGIES, INC.	MILWAUKEE, WI
IPS GROUP, INC.	SAN DIEGO, CA
MACKAY METERS, INC.	NEW GLASGOW, NOV SCOTIA, CANADA
POM INCORPORATED	RUSSELLVILLE, AR

RFPs SOLICITED: 3 RFPs RECEIVED: 4 RFPs LOCAL: 0 NO RFPs: 0

NOTE: The information contained in this rfp tabulation is for information only and does not constitute actual award/execution of contract.

APPROVED:____/s/_____ DATE:____3/6/13_____

PARKING METER TECHNOLOGY UPGRADE & PROGRAM EXPANSION

April 30, 2013 Presentation to City Council

Said Larbi-Cherif, P.E.
International Bridges Department

GOALS OF THE UPGRADE AND PROGRAM EXPANSION

1. Upgrade parking Meter Technology to allow for multiple types of Payments and Improvements such as Pay-by-Cell and Progressive and Variable Rates.
2. Increase Revenue from use of Debit and Credit Cards.
3. Implement Real-Time Management of Assets.
4. Deploy In-Ground Sensors to better Manage Parking Meter Space Occupancy.
5. Enhance Enforcement of Parking Rules and Regulations.
6. Allow the Deployment of Real Time Parking Guidance Maps to Drivers.
7. Allow the Deployment of Pay by Cell Phone Technology.

Parking Meters RFP

SERVICE SOLUTIONS SUCCESS

- The City has received four proposals in response to an RFP.
- The RFP addressed all issues and objections raised by Duncan and IPS during the previous request for bids.
- The RFP asked for a solution to address the City's functionality requirements
- RFP responses were reviewed by 5 City employees from International Bridges, Development Services, EPDOT and IT.
- Two proposals, from Duncan and IPS, have emerged as the highest ranked, with Duncan ranked first.
- Duncan and IPS were invited to make presentations and answer a list of questions.
- Duncan was again ranked first after the presentation and questions and answer sessions.
- Both firms were asked for a Best and Final Offer and again Duncan proposed a lower cost solution
- The Duncan Proposal is over $118,000 cheaper over 3 years than IPS proposal. When compared with the previously proposed lowest bid received from Duncan last summer, the current proposal will save over $300,000 over 5 years.
- The Duncan proposal will require the first hour fee for card payments to be set at $0.80 to cover transaction fees while the IPS solution will require a first hour fee of $0.90.

RFP REQUESTED FUNCTIONALITY RESPONSES

SERVICE SOLUTIONS SUCCESS

REQUESTED FUNCTIONALITY	DUNCAN'S PROPOSED SOLUTION	IPS PROPOSED SOLUTION
The mechanism shall be able to fit in the current meter housings without modification to the mechanism or housing	YES, Page 12	YES, Page 5
Shall be securely protected under a traditional single-space meter housing cap or similar protection integrated into the design	YES, Page 12	YES, Page 6
Shall be able to operate without failure under weather conditions that are typical year-round in El Paso, including, but not limited to, humidity, snow sleet, rain, road grime, street vibrations, and extreme temperature variations	YES, Page 12	YES, Page 6
Shall include a user-friendly keypad for operations	YES, Page 12	YES, Page 6
Product shall be new, not refurbished	YES, Page 12	YES, Page 6
The meters shall support linear and complex rate structures	YES, Page 13	YES, Page 7
Shall have the ability to accept coins, credit cards, debit cards, smart cards, and pay-by-mobile-phone payments	YES, Page 13	YES, Page 7
Shall have only one card slot with hybrid card reader for payment by credit or debit card	YES, Page 13	YES, Page 7
Shall feature advanced coin track sensors for self-calibration and detection of nonmetallic items	YES, Page 13	YES, Page 7
The coin chute shall be easily and quickly field serviceable without the use of special tools	YES, Page 13	YES, Page 7
The meters shall have the capability to provide free time when equipped with vehicle sensors	YES, Page 13	YES, Page 7
Moisture, grime, heat, or cold shall not disable the card slot	YES, Pages 13 & 14	YES, Page 8

RFP REQUESTED FUNCTIONALITY RESPONSES

SERVICE SOLUTIONS SUCCESS

REQUESTED FUNCTIONALITY	DUNCAN'S PROPOSED SOLUTION	IPS PROPOSED SOLUTION
Card slot shall be functional in all weather, including rain, and shall not be disabled by water or other liquid	YES, Pages 13 & 14	YES, Page 8
Meter shall have the capability of accepting VISA, MasterCard	YES, Pages 13 & 14	YES, Page 8
Card reader shall compatible with all ISO standard magnetic-stripe card readers	YES, Pages 13 & 14	YES, Page 8
Shall provide PCI-compliant real-time credit card authorization	YES, Pages 13 & 14	YES, Page 8
Mechanism shall default to "Coin-Only" condition whenever card payments are unavailable	YES, Pages 13 & 14	YES, Page 8
The time/amount the meter defaults to upon insertion and removal of a credit card shall be user-defined	YES, Pages 13 & 14	YES, Page 9
User shall be able to increase/decrease the amount of parking time/amount prior to accepting the transaction	YES, Pages 13 & 14	YES, Page 9
The meter should have a default time period for user input, after which the transaction is cancelled and no charge results to the user	YES, Pages 13 & 14	YES, Page 9
User shall always be able to cancel the transaction without penalty prior to accepting the transaction	YES, Pages 13 & 14	YES, Page 9
User shall always be able to cancel the transaction without penalty prior to accepting the transaction or allow the default time period to pass without action	YES, Pages 13 & 14	YES, Page 9
Battery-powered with solar panel charging system	YES, Page 14	YES, Page 9
Battery pack shall consist of a combination rechargeable/back-up battery pack to provide ongoing power and backup power	YES, Page 14	YES, Page 10
The meter shall retain all data during battery removal or exchange	YES, Page 14	YES, Page 10
The battery shall be easily replaceable	YES, Page 14	YES, Page 10

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REQUESTED FUNCTIONALITY	DUNCAN'S PROPOSED SOLUTION	IPS PROPOSED SOLUTION
Mechanism shall be equipped with LED indicator light for meter enforcement	YES, Page 15	YES, Page 10
Mechanism shall include a real- time clock	YES, Page 15	YES, Page 11
Mechanism shall be fully programmable for automatic daylight saving time change	YES, Page 15	YES, Page 11
Mechanism shall support linear and complex rate structures	YES, Page 15	YES, Page 11
Solution shall be fully hosted by the Contractor	YES, Pages 15 -19	YES, Page 11
System shall provide for secured user access	YES, Pages 15 -19	YES, Page 11
The Contractor shall support services for secure (encrypted) credit card data transmission to the City's merchant account provider	YES, Pages 15 -19	YES, Page 11
Credit card data transmission shall meet the Payment Card Industry (PCI) Data Security Standards	YES, Pages 15 -19	YES, Page 11
The Contractor shall validate and demonstrate PCI-DSS compliance	YES, Pages 15 -19	YES, Page 11
System shall provide for real-time alarm and status reporting for system monitoring and maintenance	YES, Pages 15 -19	YES, Page 12
System shall provide for remote meter configuration, updates, and rate programming	YES, Pages 15 -19	YES, Page 12
System shall provide for real-time and historical management information reporting	YES, Pages 15 -19	YES, Page 12
System shall provide two-way wireless communications allowing remote updates of meter software, configuration, and rate programming	YES, Pages 15 -19	YES, Page 12
The Contractor shall provide a structured approach and plan for project implementation as well as its ongoing support operation	YES, Pages 20 -24	YES, Page 12
Any testing of interfaces and data exchanges should be coordinated with the appropriate City systems, offices, and personnel	YES, Pages 20 -24	YES, Page 12

RFP REQUESTED FUNCTIONALITY RESPONSES

SERVICE SOLUTIONS SUCCESS

REQUESTED FUNCTIONALITY	DUNCAN'S PROPOSED SOLUTION	IPS PROPOSED SOLUTION
The Contractor shall provide the required staff, management, and supervision necessary to successfully fulfill the contract	YES, Pages 20 -24	YES, Page 12
The Contractor shall participate in project status meetings as may be required by the Public Parking Department	YES, Pages 20 -24	YES, Page 12
The Contractor shall describe its solution for the provision of ongoing system administration including, but not limited to:	YES, Pages 24 -26	YES, Page 13
Backup and restart capabilities	YES, Pages 24 -26	YES, Page 13
Configuration management (devices, management system, and related equipment)	YES, Pages 24 -26	YES, Page 13
System and data security management	YES, Pages 24 -26	YES, Page 13
Replacement devices	YES, Pages 24 -26	YES, Page 13
Spare parts	YES, Pages 24 -26	YES, Page 13
System upgrades and enhancements	YES, Pages 24 -26	YES, Page 13
Customer service	YES, Pages 24 -26	YES, Page 13
Warranty	YES, Pages 24 -26	YES, Page 13
Maintenance	YES, Pages 24 -26	YES, Page 13
Vehicle Sensor Options	YES, Pages 26 -32	YES, Page 13
Pay-by-Cell	YES, Pages 26 -32	YES, Page 14
The deployment of real-time digital maps that may be used by the public to located available on-street metered parking spaces and will be used to enhance parking enforcement system management	YES, Pages 26 -32	YES, Page 14
Warranties	YES, Pages 32 -33	YES, Pages 15 - 16

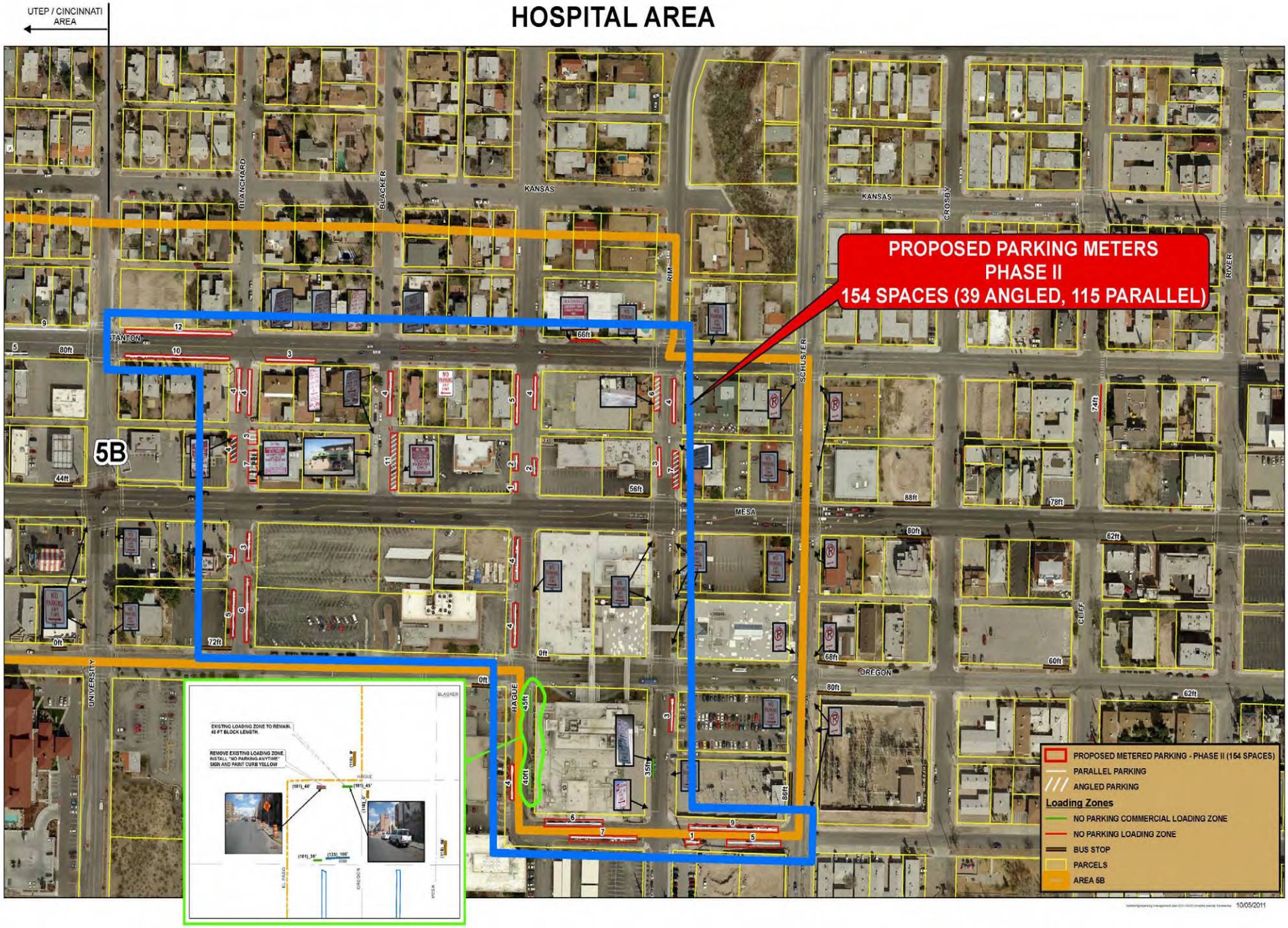
PARKING METER UPGRADE AND EXPANSION DATA

SERVICE SOLUTIONS SUCCESS

#	TYPE	METERS
1	Existing Metered Spaces	1,870
2	Existing Meters w/Revenues over $50/Month To be Upgraded to Digital Meter Technology	1,029
3	<u>Parking Meter Program Expansion:</u> • Convert 3 hotel zones to Metered Parking Spaces – 5 • Consolidate 21 Loading Zones and Convert them to Metered Spaces – 6 • Install New Digital Parking Meters in Hospitals Area on North Oregon South of University Avenue – 137 • New Meters on Texas Avenue – 80 • New Spaces on St Vrain, Virginia and Ochoa - 64 NEW METERED SPACES	292
4	Total Number of Digital Parking Meters to be Deployed	1,400

Monthly Revenue
Zone
< $50
$50-$90
>$90
LOS ANGELES
YANDELL
CORTO
PROSPECT
UPSON
STEWART
MUNDY
MISSOURI
RAMP
MAIN
RAMP
GATEWAY EAST
EXIT 19
I-10
EL PASO
WYOMING
I-10
MISSOURI
FRANKLIN
STANTON
MESA
EL PASO
MAIN
COLDWELL
FRANKLIN
SHELDON
SAN FRANCISCO
DURANGO
DURANGO
ANTHONY
SAN ANTONIO
OVERLAND
CHIHUAHUA
LEON
ALLEY B
ALLEY A
DURANGO
ALLEY C
ALLEY D
ALLEY D
ALLEY E
ALLEY F
FIRST
ALLEY G
ALLEY H
PAISANO
THIRD
THIRD
EL PASO
ALLEY D
ALLEY C
ALLEY E
MESA
FOURTH
ALLEY G
ALLEY F
KANSAS
OREGON
SANTA FE
BANDERA
CANAL
CHARLES
MONTESTRUC
CALLEROS
NINTH
MILLS
FLORENCE
TEXAS
VIRGINIA
MYRTLE
OCHOA
SAN ANTONIO
VIRGINIA
SAINT VRAIN
MAGOFFIN
ANGE
OLIVE
OCTAVIA
TAYS
SAN ANTONIO
TAYS
OVERLAND
NOBLE
PARK
ALLEY O
ALLEY N
ALLEY M
SAINT VRAIN
ALLEY L
FIRST
ALLEY J
PAISANO
DELTA
OCHOA
VIRGINIA
FLORENCE
TAYS
HILLS
FATHER RAHM
SIXTH
SEVENTH
EIGHTH
EIGHTH
NINTH
CAMPBELL
FLORENCE
NINTH
NINTH
CESAR CHAVEZ MEMORIAL

HOSPITAL AREA



2011 IPS METERS PERFORMANCE

SERVICE SOLUTIONS SUCCESS

- Average Cash Transaction = $0.47
- Average Credit/Debit Card Transaction = $1.14
- Average Cash Transaction per IPS Meter = 93.3%
- Average Card Transaction per IPS Meter = 6.7%
- Revenue Increase for digital meters over Regular Meters =

18.1% for 2011

21.2 % for August 2012

IN-GROUND SENSOR TECHNOLOGY

400 In-Ground Vehicle Sensors will be Deployed

- **Sensors communicate directly with meter.**
- **Provide real-time status of occupancy versus paid status.**
- **Calculate paid vs. actual occupancy trends to improve enforcement efficiency.**
- **Provide real time directed enforcement to in-field handhelds.**
- **Allow for the provision of Free-Time for a defined period.**
- **May be used to reset meter when vehicle leaves space.**
- **May be used to Push parking availability to the public via maps.**

ENHANCED ENFORCEMENT

<u>Enhanced Enforcement- Upfront Cost:</u> $136,500 -Equipment

1. <u>Personnel:</u>

a) Add 5 Parking Enforcement Coordinators (Included in PD Budget):

- **i. Annual Personnel Cost: $163,000**
- **ii. Average Annual Enforcement Revenue: $1,000,000**

2. <u>Equipment:</u>

a) Acquire Two (2) Small Vehicles for Parking Enforcement Coordinators for Enhanced Enforcement and New Areas Enforcement.

b) Acquire 4 Segways.

c) Acquire 1 Segway Charging Stations.

d) Acquire Fifteen (15) Ticket Issuance Handheld Units for the Parking Enforcement Coordinators.

e) Acquire Fifteen (15) Handheld Units to Monitor the Metered Spaces for the Parking Enforcement Coordinators.

SUMMARY OF YEAR-1 FUNDING REQUIREMENTS

SERVICE SOLUTIONS SUCCESS

ITEM	AMOUNT	REMARKS
PARKING METERS	$637,000	To be covered by Loan for a Total of $1,086,671
SENSORS	$116,000	
10 COMPLETE SPARE SYSTEMS	$4,550	
HOUSINGS, SIGNS AND MARKINGS, 2 SMALL VEHICLES FOR PD, 4 SEGWAYS FOR PD, 15 HANDHELDS UNITS FOR TICKET ISSUANCE FOR PD, 15 HANDHELDS UNITS FOR THE MONITORING OF THE PARKING SPACES FOR PD	$329,121	
NEW POLES, LABELS, INSTALLATION AND TRAINING, LABOR AND EQUIPMENT, 8 HANDHELDS UNITS TO MONITOR PARKING SPACES, SMART CARD RECHARGE STATIONS, SMART CARD SETUP, RECHAGEABLE SMART CARDS, SEGWAY CHARGING STATION,	$95,092	To be covered from FY2013 Parking Meters Division Operations Budget
	$1,181,763	

FY 2013 Budget Resolution authorized the City Manager to appropriate funds in the enterprise fund in an amount not to exceed $368,500.00 for the procurement of parking meters for the International Bridge Department, which cost will be capitalized and payment budgeted annually from the incremental parking meter revenues over a period not to exceed the life of the assets.

PARKING METER TECHNOLOGY UPGRADE & PROGRAM EXPANSION

April 30, 2013 Presentation to City Council

Said Larbi-Cherif, P.E.
International Bridges Department

GOALS OF THE UPGRADE AND PROGRAM EXPANSION

1. Upgrade parking Meter Technology to allow for multiple types of Payments and Improvements such as Pay-by-Cell and Progressive and Variable Rates.
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3. Implement Real-Time Management of Assets.
4. Deploy In-Ground Sensors to better Manage Parking Meter Space Occupancy.
5. Enhance Enforcement of Parking Rules and Regulations.
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Parking Meters RFP

SERVICE SOLUTIONS SUCCESS

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- When compared with the previously proposed lowest bid received last summer, the Duncan proposal will save over $300,000 over 5 years.
- The Duncan proposal will require the first hour fee for card payments to be set at $0.80 to cover transaction fees while the IPS solution will require a first hour fee of $0.90.

PROCUREMENT SUMMARY

- Release Date: 01/29/2013
- Pre-proposal Conference: 02/07/2013
- Proposal Opening date: 02/27/2013
- Proposals Received: 4
- Evaluation Committee
  - IT
  - International Bridges Department
  - City Development
  - Department of Transportation

PROCURMENT SUMMARY

- Best and Final Offer 03/19/13
- Best and Final Offer received 04/02/13
  - Duncan Parking Technologies, Inc.
  - IPS, Inc.

VENDOR PROTEST

- Protest received date: 04/26/13

  Vendor - IPS, Inc.
- Elements of Protest (3)
  - Responsiveness
  - Payment Certification
    - Security Metrics, Inc. (PCI-DSS)
  - Determination of Responsibility
  - Financial Review
    - City of Lincoln, Nebraska (1,500 Units)
    - Chattanooga, Tennessee (Over 600 Units)

Response to Protest

- City determined that the Vendor met requirements
  - Functionality
    - Corpus Christi, TX
  - Size
    - Anchorage, Alaska
    - Lincoln, Nebraska

REQUESTED FUNCTIONALITY

SERVICE SOLUTIONS SUCCESS

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Shall be able to operate without failure under weather conditions that are typical year-round in El Paso, including, but not limited to, humidity, snow sleet, rain, road grime, street vibrations, and extreme temperature variations	YES, Page 12	YES, Page 6
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The meters shall support linear and complex rate structures	YES, Page 13	YES, Page 7
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Shall provide PCI-compliant real-time credit card authorization	YES, Pages 13 & 14	YES, Page 8
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Battery-powered with solar panel charging system	YES, Page 14	YES, Page 9
Battery pack shall consist of a combination rechargeable/back-up battery pack to provide ongoing power and backup power	YES, Page 14	YES, Page 10
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System and data security management	YES, Pages 24 -26	YES, Page 13
Replacement devices	YES, Pages 24 -26	YES, Page 13
Spare parts	YES, Pages 24 -26	YES, Page 13
System upgrades and enhancements	YES, Pages 24 -26	YES, Page 13
Customer service	YES, Pages 24 -26	YES, Page 13
Warranty	YES, Pages 24 -26	YES, Page 13
Maintenance	YES, Pages 24 -26	YES, Page 13
Vehicle Sensor Options	YES, Pages 26 -32	YES, Page 13
Pay-by-Cell	YES, Pages 26 -32	YES, Page 14
The deployment of real-time digital maps that may be used by the public to located available on-street metered parking spaces and will be used to enhance parking enforcement system management	YES, Pages 26 -32	YES, Page 14
Warranties	YES, Pages 32 -33	YES, Pages 15 - 16

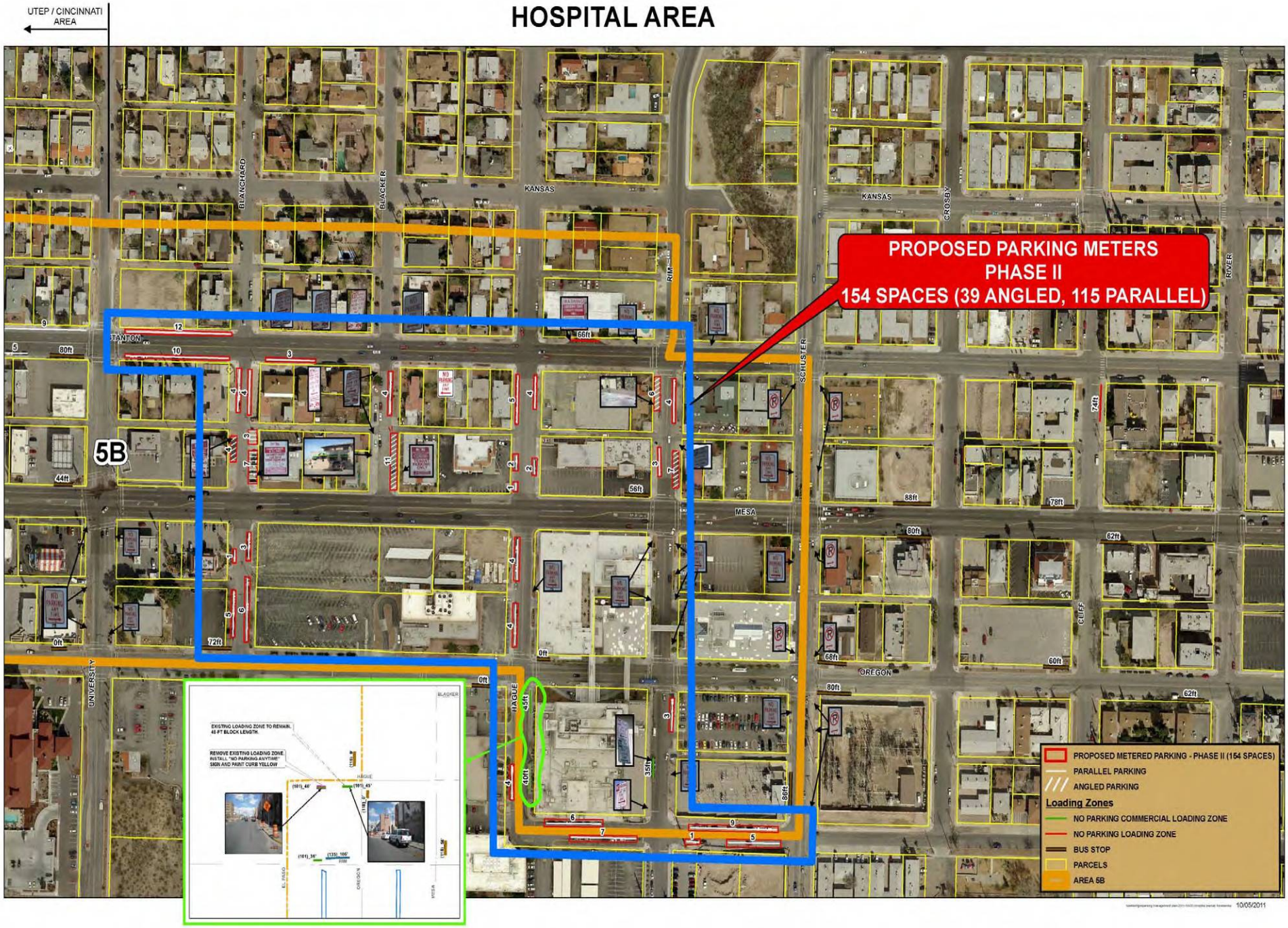
PARKING METER DATA

SERVICE SOLUTIONS SUCCESS

#	TYPE	METERS
1	Existing Metered Spaces	1,870
2	Existing Meters w/Revenues over $50/Month To be Upgraded to Digital Meter Technology	1,029
3	<u>Parking Meter Program Expansion:</u> • Convert 3 hotel zones to Metered Parking Spaces – 5 • Consolidate 21 Loading Zones and Convert them to Metered Spaces – 6 • Install New Digital Parking Meters in Hospitals Area on North Oregon South of University Avenue – 137 • New Meters on Texas Avenue – 80 • New Spaces on St Vrain, Virginia and Ochoa - 64 NEW METERED SPACES	292
4	Total Number of Digital Parking Meters to be Deployed	1,400

Monthly Revenue
Zone
< $50
$50-$90
>$90
LOS ANGELES
YANDELL
CORTO
PROSPECT
UPSON
STEWART
MUNDY
MISSOURI
RAMP
MAIN
RAMP
GATEWAY EAST
EXIT 19
I-10
EL PASO
WYOMING
MISSOURI
FRANKLIN
STANTON
MESA
MILLS
FLORENCE
TEXAS
VIRGINIA
MYRTLE
OCHOA
SAINT VRAIN
MAGOFFIN
ANGE
OCTAVIA
NOBLE
TAYS
OLIVE
SAN ANTONIO
OVERLAND
COLDWELL
FRANKLIN
SHELDON
SAN FRANCISCO
ANTHONY
DURANGO
SAN ANTONIO
CHIHUAHUA
LEON
ALLEY A
ALLEY B
ALLEY C
ALLEY D
ALLEY E
ALLEY F
ALLEY G
ALLEY H
ALLEY J
ALLEY L
ALLEY M
ALLEY N
ALLEY O
PARK
FIRST
PAISANO
DELTA
THIRD
FOURTH
FATHER RAHM
SIXTH
SEVENTH
EIGHTH
NINTH
HILLS
KANSAS
CAMPBELL
OREGON
SANTA FE
BANDERA
CANAL
CHARLES
MONTESTRUC
CALLEROS
CESAR CHAVEZ MEMORIAL

HOSPITAL AREA



2011 IPS METERS PERFORMANCE

SERVICE SOLUTIONS SUCCESS

- Average Cash Transaction = $0.47
- Average Credit/Debit Card Transaction = $1.14
- Average Cash Transaction per IPS Meter = 93.3%
- Average Card Transaction per IPS Meter = 6.7%
- Revenue Increase for digital meters over Regular Meters =

18.1% for 2011

21.2 % for August 2012

IN-GROUND SENSOR TECHNOLOGY

400 In-Ground Vehicle Sensors will be Deployed

- **Sensors communicate directly with meter.**
- **Provide real-time status of occupancy versus paid status.**
- **Calculate paid vs. actual occupancy trends to improve enforcement efficiency.**
- **Provide real time directed enforcement to in-field handhelds.**
- **Allow for the provision of Free-Time for a defined period.**
- **May be used to reset meter when vehicle leaves space.**
- **May be used to Push parking availability to the public via maps.**

ENHANCED ENFORCEMENT

<u>Enhanced Enforcement- Upfront Cost:</u> $136,500 -Equipment

1. <u>Personnel:</u>

a) Add 5 Parking Enforcement Coordinators (Included in PD Budget):

- **i. Annual Personnel Cost: $163,000**
- **ii. Average Annual Enforcement Revenue: $1,000,000**

2. <u>Equipment:</u>

a) Acquire Two (2) Small Vehicles for Parking Enforcement Coordinators for Enhanced Enforcement and New Areas Enforcement.

b) Acquire 4 Segways.

c) Acquire 1 Segway Charging Stations.

d) Acquire Fifteen (15) Ticket Issuance Handheld Units for the Parking Enforcement Coordinators.

e) Acquire Fifteen (15) Handheld Units to Monitor the Metered Spaces for the Parking Enforcement Coordinators.

SUMMARY OF YEAR-1 FUNDING REQUIREMENTS

SERVICE SOLUTIONS SUCCESS

ITEM	AMOUNT	REMARKS
PARKING METERS	$637,000	To be covered by Loan for a Total of $1,086,671
SENSORS	$116,000	
10 COMPLETE SPARE SYSTEMS	$4,550	
HOUSINGS, SIGNS AND MARKINGS, 2 SMALL VEHICLES FOR PD, 4 SEGWAYS FOR PD, 15 HANDHELDS UNITS FOR TICKET ISSUANCE FOR PD, 15 HANDHELDS UNITS FOR THE MONITORING OF THE PARKING SPACES FOR PD	$329,121	
NEW POLES, LABELS, INSTALLATION AND TRAINING, LABOR AND EQUIPMENT, 8 HANDHELDS UNITS TO MONITOR PARKING SPACES, SMART CARD RECHARGE STATIONS, SMART CARD SETUP, RECHAGEABLE SMART CARDS, SEGWAY CHARGING STATION,	$95,092	To be covered from FY2013 Parking Meters Division Operations Budget
	$1,181,763	

FY 2013 Budget Resolution authorized the City Manager to appropriate funds in the enterprise fund in an amount not to exceed $368,500.00 for the procurement of parking meters for the International Bridge Department, which cost will be capitalized and payment budgeted annually from the incremental parking meter revenues over a period not to exceed the life of the assets.

PRO FORMA OF INCREMENTAL REVENUE AND EXPENDITURES

SERVICE SOLUTIONS SUCCESS

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7	7-YEAR TOTALS
	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	
ADDITIONAL ANNUAL REVENUES FROM METER UPGRADES	$29,860	$180,953	$182,763	$184,590	$186,436	$188,301	$190,184	$1,143,087
NEW REVENUE FROM METER PROGRAM EXPANSION	$37,226	$223,356	$225,590	$227,845	$230,124	$232,425	$234,749	$1,411,316
ADDITIONAL REVENUES*	$67,086	$404,309	$408,352	$412,436	$416,560	$420,726	$424,933	$2,554,402
ANNUAL RECURRING COSTS	$19,406	$110,004	$113,304	$116,703	$120,204	$123,810	$127,525	$730,957
ANNUAL DEBT REPAYMENT	$0	$235,953	$235,953	$235,953	$235,953	$234,209	$0	$1,178,020
NET ANNUAL REVENUE (LOSS)*	$47,680	$58,352	$59,095	$59,780	$60,403	$62,706	$297,408	$645,425

* Additional Revenues are net revenue increases from acceptance of card payments and expansion of the Parking Meter Program. The Additional Revenues are on top of the current revenues which are dedicated to the repayment of the Plaza Theater Bond.

** The Annual Recurring Costs do not include Card Transaction Fees. Card Transaction Fees will be covered by an Increase in the First Hour Rate for Card Payments from $0.75 to $0.80.

PRO FORMA NOTES

1. First Year Projections are based on a 2-month operations and revenue stream.
2. Financing is based on a total financed amount of $1,086,771, 5-year, 3% loan, with 2 annual payments starting October 2013.
3. Police Department Enhancements Capital Costs of $136,500 are included in the loan.
4. Police Department Enhancements Annual Recurring Costs and Additional Revenues are not included in net costs financed by International Bridges.
5. Revenues are based on an increase in collected revenue of 14.9%.
6. Revenue projections do not include future increases in parking meter fees.
7. Revenue projections do not include increases due to future Progressive parking meter fee rates.
8. Revenue projections do not include increases from future Variable parking meter fee rates.

SYSTEM IMPROVEMENTS

- Multiple Payment Options: Cash, Credit and Debit Cards.
- Potential to Accept Payment by Cell.
- Deployment of Real Time Parking Guidance Maps to Drivers.
- Implementation of Progressive Rates: Flat Rates for a Maximum Time. Ability to Park beyond Maximum Time by Paying a Higher Hourly Rate.
- Ability to implement Variable Rates.
- Ability to Use In-Ground Sensors to provide Free-Time for a small period of time then assess parking fee for additional time or Reset Meter after Vehicle has left the Space.
- Increased Revenue from use of Debit and Credit Cards.
- Real-Time Management of Assets.
- Real-Time Information about Space Occupancy.

Questions or Comments?

SERVICE SOLUTIONS SUCCESS