

THIS AGREEMENT, made and entered into this 2nd day of March, 2010, is by and between the City of Fort Lauderdale, a Florida municipality, ("City"), whose address is 100 North Andrews Avenue, Fort Lauderdale, FL 33301-1016, and Digital Payment Technologies Corp., a Canadian federal corporation authorized to transact business in the State of Florida, ("Contractor"), whose address and phone are 330-4260 Still Creek Drive, Burnaby, BC, Canada V5C 6C6, Phone: 604-688-1959, Fax: 604-687-4329.

WHEREAS, the City issued Request for Proposal 504-10412 ("RFP"), and the Contractor submitted a bid in response to the RFP; and

WHEREAS, on March 2, 2010, the City Commission of the City of Fort Lauderdale approved an agreement with Contractor for the goods or services described in the RFP (Pur-11, CAR No. 10-0218),

NOW, THEREFORE, for and in consideration of the mutual promises and covenants set forth herein and other good and valuable consideration, the City and the Contractor covenant and agree as follows:

1. The Contractor agrees to provide to the City multi-space parking meters in accordance with and in strict compliance with the specifications, terms, conditions, and requirements set forth in the RFP and any and all addenda thereto, during the period March 2, 2010, through March 1, 2012, with optional extension periods as set forth in the RFP, and warranties beginning following installation of and the City's final acceptance of each respective multi-space parking meter and ending two years thence, in accordance with the terms, conditions, and specifications contained in the RFP and the Contractor's response to the RFP.

2. This contract form G-110 Rev. 01/10, the RFP, any and all addenda to the RFP, and the Contractor's proposal in response to the RFP are integral parts of this Contract, and are incorporated herein.

3. In the event of conflict between or among the contract documents, the order of priority shall be as follows:

- First, this contract form, G-110 Rev. 01/10;
- Second, any and all addenda to the City's RFP in reverse chronological order;
- Third, the RFP;
- Fourth, the Contractor's response to any addendum requiring a response;
- Fifth, the Contractor's response to the RFP.

4. The Company warrants that the goods and services supplied to the City pursuant to this Contract shall at all times fully conform to the specifications set forth in the RFP and be of the highest quality. In the event the City, in the City's sole discretion, determines that any product or service supplied pursuant to this Contract is defective or does not conform to the specifications set forth in the RFP the City reserves the right unilaterally to cancel an order or cancel this Contract upon written notice to the Contractor, and reduce commensurately any amount of money due the Contractor.

5. The City may cancel this Contract upon written notice to the Contractor in the event the Contractor fails to furnish the goods or perform the services as described in the RFP within 30 days following written notice to the Contractor.

6. The Contractor shall not present any invoice to the City that includes sales tax (85-8012514506C-7) or federal excise tax (59-6000319).

7. Contractor shall direct all invoices in duplicate for payment to Finance Department, City of Fort Lauderdale, 100 N. Andrews Avenue, 6th Floor, Fort Lauderdale, FL 33301. Any applicable discount MUST appear on the invoice.

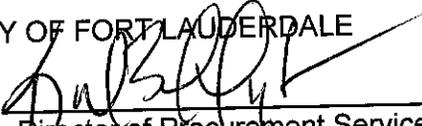
8. The City's initial purchases are of the following: 14 Pay-and-Display Multi-space meters at \$11,531.81 each, 4 Pay-By-Space Solar Multi-space meters at \$11,531.81 each, 14 Pay-By-Space VAC Multi-space meters at \$10,962.56 each, 115 rolls of digital receipt paper at \$26.00 each, 14 Stainless Steel upgrades at \$535.50 each, and five months of EMS service for 14 meters at \$30.00 per meter per month payable monthly upon commencement of the respective warranty periods, all in accordance with the terms, conditions and specifications contained in the RFP and the Contractor's response to the RFP. Options to purchase extended on-site maintenance/software support for years 3 through 7 are not exercised at this time, and the City reserves the right to exercise options to purchase extended on-site maintenance/software support for up to five additional years (years 3 through 7) in accordance with the terms, conditions, and specifications contained in the RFP and the Contractor's response to the RFP.

9. The City may enforce in the United States of America or in Canada or in both countries a judgment entered against the Contractor. The Contractor waives any and all defenses to the City's enforcement in Canada of a judgment entered by a court in the United States of America.

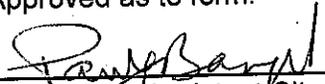
10. All monetary amounts set forth in this Contract are in United States dollars (USD).

IN WITNESS WHEREOF, the City and the Contractor execute this Contract as follows:

CITY OF FORT LAUDERDALE

By:   
Director of Procurement Services

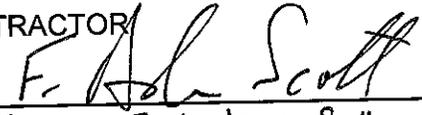
Approved as to form:

  
Senior Assistant City Attorney

ATTEST:

  
Print Name: Laura A. Colwell, CA  
Secretary

CONTRACTOR

By:   
Print Name: F. Andrew Scott  
Title: CEO  
(If not president, please attach proof of authorization.)

(Corporate Seal)  
PROVINCE OF British Columbia  
COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this 26 day of May, 2010, by F. Andrew Scott as (title): CEO for Digital Payment Technologies Corp., a Canadian federal corporation authorized to transact business in the State of Florida.

(SEAL)

Niamh Pollak  
Notary Public, Province of British Columbia  
(Signature of Notary Public - Province of British Columbia)  
Niamh Pollak

\_\_\_\_\_  
(Print, Type, or Stamp Commissioned Name of Notary Public)

Personally Known  OR Produced Identification \_\_\_\_\_  
Type of Identification Produced \_\_\_\_\_

# Request for Proposal for Multi-Space Parking Meters

City of Fort Lauderdale

CONTRACT  
COPY

**Submitted to:**

AnnDebra Diaz  
City of Fort Lauderdale  
Department of Procurement Services  
100 N. Andrews Avenue, Suite 619  
Fort Lauderdale, Florida  
33301

**Submitted by:**

Mikhail Morokhovich, Regional Account Executive  
Digital Payment Technologies  
330 – 4260 Still Creek Drive  
Burnaby, B.C., V5C 6C6  
Telephone: 604-790-0729  
Fax: 604-687-4329  
E-mail: [mike.morokhovich@digitalpaytech.com](mailto:mike.morokhovich@digitalpaytech.com)

Date: January 13, 2010



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**RFP 504-10412  
MULTI-SPACE PARKING METERS  
PROPOSAL RESPONSE PAGES - PART I  
COST INFORMATION**

BIDDER PROPOSAL PAGE

PROPOSER NAME DIGITAL PAYMENT TECHNOLOGIES

Proposer agrees to supply the products or services at the prices bid below in accordance with the terms, conditions and specifications contained in this RFP.

Estimated quantities shown are for information and tabulation purposes only.

<u>ITEM</u>	<u>QUANTITY</u>	<u>DESCRIPTION</u>	<u>UNIT PRICE</u>	<u>TOTAL PRICE</u>
1.	14 EA	Purchase and Install of <b>Pay-and-Display</b> Multi-space Receipt Dispensing Parking Meters	<u>\$11,531.81 Solar/EA (14)</u> <u>\$10,962.56 VAC/EA</u>	<u>\$ 161,445.34</u> <u>\$ _____</u>
2.	18 EA *	Purchase and Install of <b>Pay-by-Space</b> Multi-space Receipt Dispensing Parking Meters	<u>\$11,531.81 Solar/EA (4)</u> <u>\$10,962.56 VAC/EA (14)</u>	<u>\$ 46,127.24</u> <u>\$ 153,475.84</u>
3.	32 EA	<b>Year 3</b> - Optional Extended On-site Maintenance/Software Support	<u>\$ 250** /EA</u>	<u>\$ 8000</u>
4.	32 EA	<b>Year 4</b> - Optional Extended On-site Maintenance/Software Support	<u>\$ 250** /EA</u>	<u>\$ 8000</u>
5.	32 EA	<b>Year 5</b> - Optional Extended On-site Maintenance/Software Support	<u>\$ 250** /EA</u>	<u>\$ 8000</u>
6.	32 EA	<b>Year 6</b> - Optional Extended On-site Maintenance/Software Support	<u>\$ 250** /EA</u>	<u>\$ 8000</u>
7.	32 EA	<b>Year 7</b> - Optional Extended On-site Maintenance/Software Support	<u>\$ 250** /EA</u>	<u>\$ 8000</u>
<b>TOTAL COST TO CITY</b>			<b>\$</b>	<b><u>401,048.42</u></b>

\* - Based on the General information in the RFP, some of the Pay-By-Space Parking Meters will be installed in a garage. It is DPT's understanding that those meters will be using existing 120VAC. We have provided the pricing accordingly.

\*\* - Does not include extended hardware and software warranty (\$750/meter/year). Please see Appendix G for complete price breakdown.

# PART II

## Tab 1: Letter of Interest/Cover Letter

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AnnDebra Diaz  
City of Fort Lauderdale  
Department of Procurement Services  
100 N. Andrews Avenue, Suite 619  
Fort Lauderdale, Florida, 33301

January 13, 2010

Dear Ms. Diaz:

Digital Payment Technologies Corp. (DPT) is pleased to respond to the City of Fort Lauderdale RFP for Multi Space Parking Meter. In preparing this submission, DPT is striving to provide the City with a solution which will meet its immediate and future parking requirements.

The responses are based on DPT's market-leading LUKE pay stations and BOSS Back Office Software, Enterprise Management System (EMS) real time application along with the necessary supporting requirements and services.

The City's current RFP calls for **Pay By Space (PBS) and Pay and Display (PND)** parking meters. DPT is proud to announce that the same LUKE pay station can be used in either **Pay By Space (PBS)** or **Pay and Display (PND)** schemes. The change between the schemes is accomplished by the city with a simple click of a mouse in the Back Office Software. In addition, the **schemes can coexist on the same machines** at the same time. For example, the city may choose to use Pay By Space for most parking, yet offer a weekly (daily) pass to the patrons which will be Pay-and-Display.

This ability will enable the City of Fort Lauderdale to simplify its spares inventory, as well as provide continuity for the parking public.

In our experience in the beach communities such as the City of Fort Lauderdale where the public tends to promenade or spend time on the beach/high street, Pay by Space is ideal since it allows the public to add time to the parking without going back to the car. Cell Phone payment is also quite popular in these communities. DPT has prepared an unbiased discussion on the merits of each scheme, and the review is available from DPT at City's request. As mentioned above, the proposed units can operate in either environment, which allows the city to try different methods.

As the City will find after reviewing our responses, our solution meets and exceeds **most major** technical and non-technical requirements in the RFP including support for Parcxmart cards, and DPT's versions of Resident card providing the same functionality as Parkeon's. Furthermore, the solution will provide the following additional functionality should the City chooses to deploy it:

- Ability to Add Time to existing parked car (through cell or at any pay station)
- Ability to provide coupons (recently successfully used during "Christmas at Las Olas" promotion)
- Ability to use the pay station screen for Advertisements, announcements, Amber alerts, tide tables, etc.
- Ability to accept POM smart cards. This is especially important if the City wants to implement Single Space Meters in certain locations in addition to pay stations.
- Ability to interface to a number of Citation Management handhelds, specifically T2, ParkTrak, Complus Data Innovations, and AutoCite. The interface allows parking space data to be wirelessly pushed to the handhelds in real time ensuring that the information is valid. This simplifies the enforcement process for BPS and reduces customer complaints.



- Ability to pay for parking by Cell Phone, through integration with Verrus Systems. This allows the users to pay for parking and extend their parking time without having to walk back to the car/pay station, greatly assisting the public and generating more money for the City.
- **The complete solution is PCI certified.** DPT is officially recognized by the PCI Security Council and all major credit card companies and processors as PADSS and PCI compliant for all current products and services. All the components to be used in DPT's proposal to the City are listed in VISA's web site (EMS, BOSS, Pay Station, etc) as PCI compliant. In today's world where Credit Card theft is being announced by large corporations, it will give the City of Fort Lauderdale peace of mind to know that DPT systems have been externally audited, that the Credit Card data is secure and the City's liability is minimized. Please see **Appendix I - PCI White Paper** for a more in-depth discussion of this crucial requirement.

All of the above capabilities are available because the proposed solution is based on an open architecture combining the latest technical advancements in programming and wireless communications. This open architecture provides the best platform for ongoing upgrades and enhancements to the solution.

DPT is proud to have been selected as a finalist for the last RFP for multi-space meters. Unfortunately, expectations with regards to solar power were not properly set by Digital Payment Technologies. DPT regrets the issues encountered by the City with respect to the meters not having adequate sun exposure and has worked diligently with the City to ensure that all the issues are addressed. **DPT has learned many lessons since then, and I encourage the City to take a look at Appendix H – Solar Power discussion for detailed analysis.** Furthermore, DPT has introduced a new Low Power version of LUKE referred to as Radius. This version has been successfully tested by the City and is continuing to operate without any solar issues.

As well, the proposed pay stations will feature Zinc Primer on cold rolled steel (new from the pay stations on Las Olas) to enhance the longevity of the material in Florida's environment.

Enclosed you will find a Price Quotation for the equipment and services outlined in the RFP. In light of the volume being purchased by the City, DPT is pleased to offer a discount structure which is also included on the quote. **Please note that all the costs submitted in this RFP shall remain firm for acceptance for a minimum of ninety (90) days from the date of the opening of the RFP.**

DPT has been a major player in the on-street parking market for several years. During the last 3 years DPT has been privileged to count City of Fort Lauderdale as a partner. We are very excited to extend our partnership with the City and would like to reconfirm our commitment to provide the City with outstanding product, technology, and service.

We look forward to showcasing our products and our company to the City of Fort Lauderdale evaluation committee, the City of Fort Lauderdale merchant's society and residents.

Sincerely,

Mikhail Morokhovich  
Regional Account Executive  
Digital Payment Technologies

## Component Overview

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The LUKE pay station debuted in 2004 and is built upon the success and experience gained from the Intella-Pay pay stations deployed throughout North America for the last 12 years. LUKE takes the key benefits of the Intella-Pay, that include ease of use, security and flexibility, and adds unmatched technical capabilities and improved flexibility, services, and features. LUKE clients include the City of Fort Lauderdale; City of Charlotte, NC; FL; City of Glendale, CA; City of Houston, TX; City of Milwaukee, WI; Redwood City, CA; City of Riverside, CA; City of West Hollywood, CA; City of White Plains, NY; City of White Rock, BC; and the University of California, Santa Barbara.

Key components of the LUKE system include:

- The LUKE pay station
- BackOffice Support System (BOSS)
- EMS online management system

Each of these components will be briefly discussed. Additional details can be found in the product brochures contained in the appendices.

### LUKE Pay Station

LUKE delivers a visually pleasing design and exterior finish that will enhance the City's urban landscape. Some of the outstanding features and benefits of the pay station include:

- Instantly recognizable
- Multilingual support
- Multiple payment methods: coin, bill, credit cards, smart cards, cell phone, coupons
- Support for both Pay-and-Display and Pay-by-Space
- Color screen to deliver information services such as local maps, special events, and advertising
- Ease of collection
- Comprehensive management reports
- Modular design allows for quick and easy maintenance, upgrades, and component replacement
- Robust cabinet design to support the highest levels of physical security
- PCI-validated credit card data security

More details on the LUKE pay station can be found within the RFP technical responses. **Appendix A – LUKE Brochure** also contains a brochure with additional information about the pay station.

### BOSS Management Software

All pay stations in the field are supported by best-in-class BOSS. The BOSS software will allow the City to:

- Create multiple rate structures (hourly, daily, incremental, blended, special events)
- Create space-specific rates
- Update rates, configuration settings, and ticket headers and footers remotely
- Customize prompts in multiple languages
- Generate industry-leading reports for operations and accounting departments remotely and in real-time

Refer to **Appendix B – BOSS** for a description of features and functionalities.

## Request for Proposal for Multi-Space Parking Meters

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### EMS

To leverage the power of the LUKE technology to deliver advanced Web-based real-time applications, DPT is pleased to include EMS. EMS is an Internet-based portal that facilitates the networking of all pay stations so that the City can manage its parking operations in real-time from any Internet-enabled computer. The EMS Server is located off-site and is accessible from anywhere through Internet browser (computer, Internet Café, BlackBerry, iPhone, Palm Pilot, and other mobile devices).

Highlights of the EMS solution include:

- Real-time credit card processing
- Real-time reporting
- Real-time intelligent dispatching to any Web-enabled device (computer, PDA), cell phone, and pager
- Add time capability in a Pay-by-Space environment
- DPT Web Services for third-party technology integration (that is, enforcement handheld devices and accounting systems)

Together, these components offer the most powerful multi-space parking solution in the industry.

Refer to **Appendix C – EMS Brochure** for an overview of the EMS functionalities.

**Tab 2: Professional Licenses and Certificates/Sample Insurance Certificate**

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# MARSH

# Certificate of Insurance

**MARSH MERCER KROLL**  
**GUY CARPENTER OLIVER WYMAN**

No. **DIGPM-2009-20**

Dated: **September 22, 2009**

This document supersedes any certificate previously issued under this number

This is to certify that the Policy(ies) of insurance listed below ("Policy" or "Policies") have been issued to the Named Insured identified below for the policy period(s) indicated. This certificate is issued as a matter of information only and confers no rights upon the Certificate Holder named below other than those provided by the Policy(ies).

Notwithstanding any requirement, term or condition of any contract or any other document with respect to which this certificate may be issued or may pertain, the insurance afforded by the Policy(ies) is subject to all the terms, conditions and exclusions of such Policy(ies). This certificate does not amend, extend or alter the coverage afforded by the Policy(ies). Limits shown are intended to address contractual obligations of the Named Insured.

Limits may have been reduced since Policy effective date(s) as a result of a claim or claims.

**Certificate Holder:**



**Named Insured and Address:**

Digital Payment Technologies Corp.  
 4105 Grandview Highway  
 Burnaby, BC V5C 6B4

**This certificate is issued regarding:**  
**EVIDENCE OF INSURANCE**

Type(s) of Insurance	Insurer(s)	Policy Number(s)	Effective/Expiry Dates	Sums Insured Or Limits of Liability	
<b>COMMERCIAL GENERAL LIABILITY</b> • Occurrence Format • Cross Liability • Blanket Contractual Liability • Employees as Additional Insureds • Broad Form Property Damage	Chubb Insurance Company of Canada	35819002	Sep 15, 2009 to Sep 15, 2010	Bodily Injury and Property Damage Liability	CDN 1,000,000
				Products & Completed Operations Aggregate	CDN 1,000,000
				Advertising Injury and Personal Injury Aggregate Limit	CDN 1,000,000
				Non-Owned Auto Liability, Each Accident	CDN 1,000,000
				Medical Expense	CDN 10,000
				USA Territory Aggregate Limit	CDN 2,000,000
				General Aggregate	CDN 2,000,000
<b>UMBRELLA</b> • Excess Umbrella	Chubb Insurance Company of Canada	79753309	Sep 15, 2009 to Sep 15, 2010	Each Occurrence	CDN 1,000,000
				Products-Completed Operations Aggregate	CDN 1,000,000

**Additional Information:**

It is hereby understood and agreed that the Regents of the University of California, its officers, agents, and employees is added as an Additional Insured, but only as their interest may appear with respect to the operations of the Named Insured described above.

The above policies shall be Primary and Non-Contributing.

**Notice of cancellation:**

Should any of the policies described herein be cancelled before the expiration date thereof, the insurer(s) affording coverage will endeavour to mail 30 days written notice to the certificate holder named herein, but failure to mail such notice shall impose no obligation or liability of any kind upon the insurer(s) affording coverage, their agents or representatives, or the issuer of this certificate.

<b>Marsh Canada Limited</b> 800 - 530 Burrard Street Vancouver, BC V6C 2K1 Telephone: 604-443-3586 Fax: 604-685-3112 natasha.silen@marsh.com	Marsh Canada Limited  By: Natasha Silen
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# ACORD CERTIFICATE OF LIABILITY INSURANCE

09/04/2009

PRODUCER (407)831-3832 FAX (407)830-4681

**Blackadar Insurance Agency**  
 1436 N. Ronald Reagan Blvd.  
 Longwood, FL 32750

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

**INSURERS AFFORDING COVERAGE**

NAIC #

INSURED **Harrington Resources, Inc.**  
 DBA: Parker Systems  
 12969 Mallory Circle  
 Suite 207  
 Orlando, FL 32828

INSURER A:	<b>Southern-Owners Insurance Co</b>	<b>10190</b>
INSURER B:		
INSURER C:		
INSURER D:		
INSURER E:		

**COVERAGES**

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR ADD'L LTR INSR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS								
A	<b>GENERAL LIABILITY</b> <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	72710505	07/25/2009	07/25/2010	EACH OCCURRENCE \$ <b>1,000,000</b>								
	DAMAGE TO RENTED PREMISES (Ea occurrence) \$ <b>300,000</b> MED EXP (Any one person) \$ <b>10,000</b> PERSONAL & ADV INJURY \$ <b>1,000,000</b> GENERAL AGGREGATE \$ <b>2,000,000</b> PRODUCTS - COMP/OP AGG \$ <b>2,000,000</b>												
	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS				COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$								
	<b>GARAGE LIABILITY</b> <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN EA ACC \$ AUTO ONLY: AGG \$								
	<b>EXCESS/UMBRELLA LIABILITY</b> <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE  <input type="checkbox"/> DEDUCTIBLE <input type="checkbox"/> RETENTION \$				EACH OCCURRENCE \$ AGGREGATE \$ \$ \$								
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below				<table border="1"> <tr> <td>WC STATUTORY LIMITS</td> <td>OTHER</td> </tr> <tr> <td>E.L. EACH ACCIDENT</td> <td>\$</td> </tr> <tr> <td>E.L. DISEASE - EA EMPLOYEE</td> <td>\$</td> </tr> <tr> <td>E.L. DISEASE - POLICY LIMIT</td> <td>\$</td> </tr> </table>	WC STATUTORY LIMITS	OTHER	E.L. EACH ACCIDENT	\$	E.L. DISEASE - EA EMPLOYEE	\$	E.L. DISEASE - POLICY LIMIT	\$
WC STATUTORY LIMITS	OTHER												
E.L. EACH ACCIDENT	\$												
E.L. DISEASE - EA EMPLOYEE	\$												
E.L. DISEASE - POLICY LIMIT	\$												
	OTHER												

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS  
**The University of Miami, a non-profit corporation is included as Additional Insured and Completed operations with respect to the General Liability per form 55205**

10 days notice for non pay

**CERTIFICATE HOLDER**

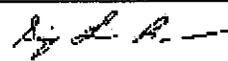
**University of Miami**  
 Corporate Risk Management  
 P.O. Box 248106  
 Coral Gables, FL 33124

**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL **\*30** DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

**Sissy Beery/RPM**



## **IMPORTANT**

If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

## **DISCLAIMER**

The Certificate of Insurance on the reverse side of this form does not constitute a contract between the issuing insurer(s), authorized representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon.

**PERSONAL AUTO POLICY** **DEPOSITORS INSURANCE COMPANY** **59020** **EXPANDED FILE DAILY**

INSURED & ADDRESS: HARRINGTON, LYNDA L.  
HARRINGTON, PARKER  
12969 MALLORY CIR # APT207  
ORLANDO FL 32828-3810  
(407) 422-2275

POLICY NUMBER: PPDM0023766265-1  
TERM: 06  
BILLING: D/I  
STATUS: I  
N/R: R  
CRT: [ ]  
DECLARATIONS CONTINUATION

POLICY PERIOD: 101109 041110  
MONEY W/APP: [ ]  
SUSPENSE NO.: [ ]

AGENCY: **GEORGE GAVERN** **002**  
**ORLANDO FL 32822-2453** **FL 59020**

RATE DATE: 082709  
RUN DATE: 082709  
ENTRY DATE: [ ]  
BILLING DATE: 082709  
ACCOUNT NO.: 906961951  
GROUP: 09000  
UND: N11  
MPE: Y

RO: PRIOR AGENCY: FL 59020  
ADJ. IND.: 1.000  
PREVIOUS POLICY NO.: PPDM0023766265-0  
PRIOR INS.: S  
STD: STD  
EMP1 EMPLOY 12+  
EMP2 EMPLOY 12+  
FULLTIME 12+  
DEFAULT  
RESIDENCE: RES 12+  
OWN: Y

F. DATE OF AMEND.: [ ]  
CHANGES: [ ]

NO	BODILY INJURY		PROP. DAM	LIABILITY	MED. PAY	PIP		UNINS. MOTORISTS		UM - CL	UMPD	UNDINS. MOTORISTS		UIM - CL
	Ea. Person	Ea. Accident	Ea. Accident	Ea. Accident	Ea. Person	OPTION	DED	Ea. Person	Ea. Accident	Ea. Accident		Ea. Person	Ea. Accident	Ea. Accident
2	100,000	300,000	50,000			FUL	NO	100,000	300,000					
	100,000	300,000	50,000			FUL	NO	100,000	300,000					
0	COMP	COLL		RSA BY POLICY	LOSS OF USE	ASPDD COVRGE								
1	100	250												
2	100	250												

INDT NO'S: IN0000F (0509) AIN1050FL (0808) AIN6000FL (0808) A1001FL (0808) A2020FL (0808) A2031FL (0808)  
A2041FL (0808)

OTHER

NO	BODILY INJURY	PROPERTY DAMAGE	LIABILITY	MEDICAL	COMP	COLLISION	UMBI	UMPD	UIMBI	PERS. INJ. PROTECTION	RSA BY POLICY	LOSS OF USE
2	130.15	57.02			50.80	158.24	114.24			82.76		
	151.65	73.00			37.27	116.25	114.24			76.49		
0	ASPDD COVRGE				OEM							
1												
2												
0						Total Premium	Other Misc. Endts. Requiring Premium:			Sub-Total Endorsements GUAR S/C		1,162.11
1						593.21				Full Term Prem. Add'l. Premium Return Premium		11.62 1,173.73
						568.90						

VEHICLE(S)

NO	YR	TRADE NAME	TYPE	IDENTIFICATION NUMBER	RATING CODE	RATING FACTOR	COST ST./AMT.	HP/CC's	ST	RATING TERR	CO	AUTO USE	ODOMETER	ANNUAL MILEAGE	PERF/ CATEGORY	COMM
1	2003	LEXU	4 DR *	JT8BD69S530179112	1SM46PWLST00				9	97	95	WORK		8,888	ST	15.00
2	2002	FORD	4 DR *	1FMZU63E62UA76271	1MM68PPLST00				9	97	95	PLEA		8,888	ST	15.00
0	ISO SYM	CSL	BI	SYMBOLS PD MED/PIP COMP COLL				RD		ABS	DD					
1	19	176	176	178	183	302	318		Z	Y	15					
	11	193	193	208	177	270	282		Z	Y	15					

NO \* 100+ WHEEL BASE GARAGE LOCATION

NO LIEN LIENHOLDER (L), ADDL INTEREST - EMPLOYER (A), LOSS PAYEE/ADDL. INTEREST - LEASED (C), CERT OF INS (O), ADDL INSURED ONLY - KS (K), LOSS PAYEE/ADDLINSURED (LEASED) - KS (B)

USE OF OTHER MOTOR VEHICLE	Class	Dr. No.	Prem. BI	PD	Liab.	Med.	DEATH AND DISABILITY	DI	DB

DRIVER INFORMATION

NO	DRIVER NAMES	IDENTIFICATION NUMBER	SEX	D O B	MAR	DT	GS	RS	PO	PA	VEH	CIT	REL	ACCPRE	DT LIC
1	HARRINGTON, LYNDA L.	H652532575580	F	021857	M		N	N	Y	N	1	Y	A		
	HARRINGTON, PARKER W.	H652679492140	M	061441	M		N	N	Y	Y	2	Y	S		
	HARRINGTON, JEFF L.	H652432632290	M	062963	S		N	N	Y	Y	1	Y	C		

INCIDENT/VIOLATION SDIP INFORMATION

NO	TC	PTS	DATE																			
1																						
3																						

EXCLUDED DRIVER/NON-DRIVER INFORMATION

NO	EXCLUDED DRIVERS	HOUSEHOLD MEMBERS NOT DRIVING

NO	LIVE W/PAR	SUPP	POL
	N	N	D
	N	N	D
3	N	N	D

DISCOUNTS

Multi-Policy Customer  
 Financial Stability Discount  
 Anti-Lock Brakes Discount  
 Anti-Theft Device  
 Accident Free

Long-Term Customer  
 Multi-Car  
 Air Bag Discount  
 Safe Driver Discount

FEATURE SUMMARY

SELECTED FEATURES:

ACC FORGIVENESS

### Tab 3: Company Profile

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Founded in 1997 as Digital Pioneer Technologies, DPT has grown to become a recognized, leading provider of automated payment solutions to the North American parking industry, with a strong and consistent focus on technology leadership, customer service, and the provision of total business solutions.

Digital Payment Technologies's specific business is designing, manufacturing, selling, and supporting highly advanced Pay-and-Display and/or Pay-by-Space pay stations for private and public parking lots and streets.

DPT is headquartered in Vancouver, British Columbia, Canada. The corporate office is located at 330 – 4260 Still Creek Drive, Burnaby, B.C., V5C 6C6. The production facility (shipping and receiving) is located at 4105 Grandview Highway, Burnaby, B.C., V5C 6B4.

Telephone: 604-688-1959 / 604-790-0729

Fax: 604-687-4329

Web address: [www.digitalpaytech.com](http://www.digitalpaytech.com)

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**Harrington Resources, Inc., dba PARKER SYSTEMS**

**12938 Mallory Circle, Suite 102**

**Orlando FL 32828**

**Toll Free 1-888-422-7275**

[www.parkersystemsplace.com](http://www.parkersystemsplace.com)

PARKER SYSTEMS is a well known, widely respected parking products distribution and consulting company. Established in the early 1990's to supply the parking meter needs of a small regional market, PARKER SYSTEMS has rapidly grown and is now recognized as a leading supplier for Digital Payment Technologies "LUKE" and "Shelby" Parking Pay Stations.

Parker Systems is centrally located in Orlando, and provides on-site service and support to customers throughout the state of Florida. We pride ourselves on providing customers with high-quality products and personal service. Our response time is unequalled, with emergency requests responded to immediately. We will work with you every step of the way to make sure you receive the products, services and support you need.

Our client list includes Cities (large and small), University Campuses, State Parks and Private Contractors. Our company's success is in large measure a direct result of our strong commitment to customer service excellence, in addition to the industry leading Digital Multi Space product line we represent.

Tab 4: Joint Venture

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DPT will not be submitting a joint venture

**Tab 5: Disputes, Litigation and Defaults**

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DPT has not been involved in any disputes, litigation, and defaults.

## Tab 6: Qualifications/Experience

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Founded in 1997 as Digital Pioneer Technologies, DPT has grown to become a recognized, leading provider of automated payment solutions to the North American parking industry, with a strong and consistent focus on technology leadership, customer service, and the provision of total business solutions.

The company's specific business is designing, manufacturing, selling, and supporting highly advanced Pay-and-Display and/or Pay-by-Space pay stations for private and public parking lots and streets. The original foundation of DPT's product lineup is the Intella-Pay pay station. DPT incorporated a number of innovative features in these machines, including Pay-by-Phone integration, audit function, and smart card support. These innovations have cemented DPT as a leader in the development of parking management technologies.

In 2004, DPT leveraged its years of experience in designing and building the off-street Intella-Pay pay station by introducing the LUKE pay station for the on-street municipal market. LUKE takes the key benefits of the Intella-Pay—ease of use, security, and flexibility—and adds unmatched technical capabilities, enhanced physical design, and improved flexibility and services. To date, LUKE is installed on-street in several North American cities including Lauderdale, FL; Anchorage, AK; Charlotte, NC; Chattanooga, TN; Delray Beach, FL; Fort Glendale, CA; Houston, TX; Milwaukee, WI; Redwood City, CA; Riverside, CA; West Hollywood, CA; White Rock, BC; and White Plains, NY.

In 2005, SHELBY was unveiled to package the new technical advancements delivered by LUKE into a rugged cabinet designed for off-street applications. The first SHELBY installation took place at California State University, Long Beach, and involved the deployment of 20 pay stations providing new capabilities that included hopper change support. Since that time, over 500 SHELBY units have been installed throughout North America.

Supporting all of these DPT products has been the optional Web-based EMS that provides clients with a range of powerful applications such as real-time credit card processing, online reporting, ongoing system monitoring and proactive alarming. Most recently, DPT added the DPT Web Services application to EMS to enable integration with third-party technologies that include enforcement and accounting systems.

In 2006, DPT achieved high profile installations with several major U.S. cities including its largest installation to date with the City of Houston where 750 LUKE pay stations were deployed in the downtown core.

In April 2007, DPT delivered on its promise to provide its clients with the highest levels of credit card data security in the industry by successfully completing its security audit and achieving full certification as a Level 1 Service Provider under the PCI Data Security Standard (<http://www.pcisecuritystandards.org/>).

In April 2009, DPT began shipping its latest version of the LUKE pay station to include the new RADIUS power management system. RADIUS reduces the power consumption of these electronic meters by up to 75 percent so the meters can more efficiently operate with solar technology in low light conditions and still be configured with all of the latest technological capabilities.

## Tab 7: Staff

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The following key DPT personnel will assist the City with the implementation of its multi-space parking meters:

### **Andrew Scott – Chief Executive Officer (CEO)**

Andrew Scott has been CEO of Digital Payment Technologies (DPT) since 2005. Prior to joining DPT, Andrew spent most of his career in the world of corporate finance in roles that encompassed regional head of investment banking at CIBC Wood Gundy, followed by several years in finance, mergers and acquisitions with The Loewen Group, one of North America's fastest growing consolidators. Most recently, Andrew was involved in consulting, advising, managing and investing in small- to medium-sized companies.

Andrew is a flexible business generalist who enjoys the challenge of day-to-day decision-making while always keeping an eye focused on the company's long-term direction

### **Chris Chettle – Senior Vice President, Sales**

Chris Chettle holds a Bachelor of Commerce Degree, Marketing Major from the University of British Columbia, Canada, and has more than 20 years experience in sales, business development, marketing, and management. Upon graduating, Chris joined Nexus Display Systems Corp. as the company's first U.S. Account Executive and was eventually promoted to Director of Sales when U.S. sales reached over 90 percent of the company's total revenues. In 1999, he joined TVC Canada, a national communications distributor, and held several senior management positions that included National Sales Manager during a time when the company generated over \$48 million annually.

Chris joined DPT in April 2004 to develop DPT's Project Management and Customer Service teams. He took a lead role in overseeing the first installations of the LUKE pay station and the company's first installation in Mexico. In 2006, Chris became Vice President Marketing and oversaw all of DPT's marketing activities including product management, strategic partnerships, marketing materials, trades shows, advertising, and international research. In August 2009, Chris took on the role of Senior Vice President, Sales managing all of DPT's sales operations and reseller channels.

### **Tommy Kinsman – Director, Client Services**

Tommy Kinsman holds a Bachelors Degree in Electronic Systems from Abertay University, Scotland. He worked with the NCR Financial Solutions Group and Worldwide Customer Services Division in Dundee, Scotland, for eight years. While at NCR, Tommy gained significant experience in manufacturing and test systems before moving into a Product Manager and Consultant role focused on service delivery. Tommy is a Six Sigma Green Belt who used his process improvement skills and service delivery knowledge to save NCR almost US\$20 million.

Tommy oversees the day-to-day operations of DPT's Project Management and Customer Service teams and is also actively involved in managing large-scale deployments of DPT equipment and the shaping of internal quality processes.

### **Mikhail Morokhovich – Regional Account Executive**

Mikhail Morokhovich holds a Bachelors degree in Electrical Engineering from University of Alberta. He has worked extensively in telecommunications arena before joining DPT in 2005.

He has worked with City of Fort Lauderdale for the past 4 years, and enjoys spending time away from home in the warm weather of City of Fort Lauderdale.

**Allan Muir – Project Manager**

Allan Muir graduated with an advanced standing in the electronics engineering co-op program from Sheridan College, Ontario. Allan worked for both Panasonic Canada and the Bank of Montreal during his co-op assignments by applying his knowledge in a range of areas that included the rebuilding of high volume network servers.

Upon graduating, Allan moved to British Columbia and joined the DPT team in April 2005. Working as a manufacturing associate for just over a year, Allan gained a vast knowledge of our products. Since his promotion to project management in 2006, Allan has managed multiple projects across North America, including the deployment of SHELBY units at the University of Central Florida.

**Parker Systems personnel for this project:**

**Lynda Harrington, Sales and Marketing Manager**

Orlando, Florida

Lynda has 15 years experience in the parking industry with on-street and off street systems. Experience includes single space and multi space sales, systems integration, service and project management.

**Parker Harrington, Operations Manager**

Orlando, Florida

Parker has 20 years sales and service experience in the parking industry. Experience includes on street and off street operations for both single space and multi-space equipment and revenue control systems.

**Jeff Harrington, Business Development Manager**

Orlando, Florida

Jeff has 4 years experience in the parking industry in the area of sales, project management, and customer support.

**Jose Suarez, Tech Support and Service**

Miami, Florida

Jose has fifteen years experience in the areas of parking management and technical systems support.

**Jef Taylor, IT Systems Support and Service**

Deland, Florida

Jef has four years experience in the area of parking systems installation, customer support, IT management and networking.

## Tab 8: Technical Approach

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Digital Payment Technologies Corp. (DPT) is pleased to propose the LUKE pay station to address the City of Fort Lauderdale's Request for Proposal (RFP) for multi-space parking meters. In preparing this submission, DPT has provided the City with a solution and level of support that will establish it as another flagship installation for the LUKE pay station.

LUKE is currently deployed throughout North America in major cities, universities, and parking operators. Some of the cities that have selected LUKE as their preferred choice include Fort Lauderdale (you), Chattanooga, Charlotte, Fort Lauderdale (you), Houston, Milwaukee, and White Plains. LUKE is easy to use, has an attractive design, a full color screen, a range of online services, integration capabilities with third-party technologies, and the highest levels of data security in the industry.

Our proposal includes all installation, training, support, and equipment for 32 electronic meters. Options have also been quoted to provide connectivity to all units through our Enterprise Management System (EMS) that delivers real-time credit card processing, monitoring, alarming, and reporting.

LUKE will meet the business and functional objectives of the City by delivering the following benefits:

### ***Improved Management Information***

LUKE provides comprehensive information and reports for enhanced management of your parking operations. LUKE communicates with DPT's EMS, which means the City will benefit from real-time credit card processing, real-time access to information on all of its pay stations, an ability to update rates and receipt headers/footers on each pay station remotely, and the capability to receive proactive notification of issues that include low paper, low voltage, and attempted vandalism.

### ***Increased Payment Flexibility***

In addition to accepting coins, credit cards and bills, LUKE can be configured to accept coupons, issue receipts, and communicate with other non-cash payment systems that include campus cards, cell phones, Parcsmart, and POM-enabled smart cards.

### ***Improved Security***

LUKE provides advanced physical and data security. For physical security, LUKE's cabinet design is made from 12 gauge cold rolled steel or stainless steel with no pry points and six separate locking points to minimize theft and vandalism. LUKE is also one of the few products in the parking industry to be validated by a third-party auditor to ensure it meets the strict data security guidelines as laid down by the Payment Card Industry (PCI) Data Security Standard. Confirmation of our PCI status may be found on Visa's Web site at [http://usa.visa.com/merchants/risk\\_management/cisp.html?it=searchQuicklink](http://usa.visa.com/merchants/risk_management/cisp.html?it=searchQuicklink).

### ***Improved Power Performance***

DPT's most recent innovation—RADIUS—is a complete re-design of the LUKE pay station's power management system. The two-year engineering project reviewed and re-designed almost every component of the LUKE pay station to reduce power consumption by over 75 percent. This significant power reduction allows for greater performance, lower maintenance, and broader location flexibility in solar-powered on-street parking operations.

In addition to the power reductions, RADIUS units operate in a wide temperature and humidity range. They also have more sensors – two temperature sensors, one humidity sensor, two current sensors, and one voltage sensor – to provide operators with greater insight into the operation of the LUKE units.

### ***Technology Platforms***

LUKE and EMS are designed with technology platforms that can prepare the City to meet these requirements in a number of ways. These include:

- **Integration with leading enforcement handheld systems** – The release of DPT Web Services in 2007 is now resulting in even more third-party support as complementary technology manufacturers such as handheld enforcement vendors wirelessly collect Pay-by-Space data from the DPT pay stations. These enforcement vendors include Complus Data Innovations, Duncan Solutions, ParkTrak, and T2 Systems.
- **Long-term data security** – The PCI Data Security Standard is very high and DPT was the first multi-space vendor and is currently one of three that had its equipment third-party validated to meet the PA-DSS Standard for credit card-enabled units. DPT's level one server provider and PA-DSS Third party validation is a clear indication of its commitment to securing the public's confidential data and protecting the reputation of operators like the City of Fort Lauderdale.
- **Third-party technology support** – DPT has proven support with the widest range of third-party technologies that include Pay-by-Phone, campus cards, credit card processors, and smart cards.

### ***Visually Pleasing Design***

LUKE delivers a visually pleasing design and exterior finish that will enhance the City's streetscape. The theme for LUKE's mechanical design is "retro-inspired, contemporary." The result is a look which is instantly recognizable as parking related, but with all the capabilities required for modern, on-street parking including a full numeric keypad and a standard full color 640 x 480 resolution screen.

### ***Future Capabilities***

While LUKE can address most of the City's immediate requirements, new requirements are likely to arise over time, such as integrating with space sensor technologies or building additional revenues through advertising on the full color screen.

The City's investment in technology will be for a number of years so it will be important to select a vendor which has proven its ability to adapt to new requirements as these arise.

### ***Cost-Effective Equipment Maintenance***

Easy access and minimal tools required mean low downtime and low overall cost of ownership.

### ***Comprehensive Installation, Training, and Support***

DPT will meet all of the City's requirements for installation and training. DPT will work with local distributors to provide local installation, training, parts, and warranty service. If DPT is selected for this contract,

In addition to the installation, training, and warranty service, DPT will offer toll free, 24/7 customer support to provide the City with the best service offering in the industry.

DPT has a rapidly growing client base that includes cities, universities, parks and recreation facilities, transportation facilities, and private parking operators. In addition to our reputation as a dependable, reliable developer of superior technology, DPT also prides itself in its customer service. We encourage the City to contact the references contained in our proposal. These references will provide further evidence of DPT's commitment to product quality, technical advancement, and superior customer service.

### **Component Overview**

The LUKE pay station debuted in 2004 and is built upon the success and experience gained from the Intella-Pay pay stations deployed throughout North America for the last 12 years. LUKE takes the key benefits of the Intella-Pay, that include ease of use, security and flexibility, and adds unmatched technical capabilities and improved flexibility, services, and features. LUKE clients include the City of

## Request for Proposal for Multi-Space Parking Meters

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Charlotte, NC; City of Fort Lauderdale, FL; City of Glendale, CA; City of Houston, TX; City of Milwaukee, WI; Redwood City, CA; City of Riverside, CA; City of West Hollywood, CA; City of White Plains, NY; City of White Rock, BC; and the University of California, Santa Barbara.

Key components of the LUKE system include:

- The LUKE pay station
- BackOffice Support System (BOSS)
- EMS online management system

Each of these components will be briefly discussed. Additional details can be found in the product brochures contained in the appendices.

### LUKE Pay Station

LUKE delivers a visually pleasing design and exterior finish that will enhance the City's urban landscape. Some of the outstanding features and benefits of the pay station include:

- Instantly recognizable
- Multilingual support
- Multiple payment methods: coin, bill, credit cards, smart cards, cell phone, coupons
- Support for both Pay-and-Display and Pay-by-Space
- Color screen to deliver information services such as local maps, special events, and advertising
- Ease of collection
- Comprehensive management reports
- Modular design allows for quick and easy maintenance, upgrades, and component replacement
- Robust cabinet design to support the highest levels of physical security
- PCI-validated credit card data security

More details on the LUKE pay station can be found within the RFP technical responses. **Appendix A – LUKE Brochure** also contains a brochure with additional information about the pay station.

### BOSS Management Software

All pay stations in the field are supported by best-in-class BOSS. The BOSS software will allow the City to:

- Create multiple rate structures (hourly, daily, incremental, blended, special events)
- Create space-specific rates
- Update rates, configuration settings, and ticket headers and footers remotely
- Customize prompts in multiple languages
- Generate industry-leading reports for operations and accounting departments remotely and in real-time

Refer to **Appendix B – BOSS** for a description of features and functionalities.

### EMS

To leverage the power of the LUKE technology to deliver advanced Web-based real-time applications, DPT is pleased to include EMS. EMS is an Internet-based portal that facilitates the networking of all pay stations so that the City can manage its parking operations in real-time from any Internet-enabled computer. The EMS Server is located off-site and is accessible through the Internet

## **Request for Proposal for Multi-Space Parking Meters**

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from anywhere that an Internet browser is installed (computer, Internet Café, BlackBerry, iPhone, Palm Pilot, and other mobile devices).

Highlights of the EMS solution include:

- Real-time credit card processing
- Real-time reporting
- Real-time intelligent dispatching to any Web-enabled device (computer, PDA), cell phone, and pager
- Add time capability in a Pay-by-Space environment
- DPT Web Services for third-party technology integration (that is, enforcement handheld devices and accounting systems)

Together, these components offer the most powerful multi-space parking solution in the industry.

Refer to **Appendix C – EMS Brochure** for an overview of the EMS functionalities.

**Tab 9: Milestones, Deliverables and Proposed Benchmark Timetable**

There are a series of variables that affect the timelines for product delivery, most notably quantity. The City has requested 32 multi-space parking meters to be delivered over three phases. The following schedule is proposed for delivery in Phase 1 of the project. The delivery schedule for any additional pay stations will be determined when further quantities are confirmed.

TIME REQUIRED	PROJECT TASK
Immediately following awarding of contract	<p><b>PROJECT PREPARATION ACTIVITIES.</b> Project Manager is assigned to work with the City. Initial activities would include:</p> <ul style="list-style-type: none"> <li>▪ Gather contact information for all individuals who will be involved in the installation and training.</li> <li>▪ Coordinate all site preparation activities with the reseller responsible for installation of pay stations.</li> <li>▪ Provide City with forms for establishing merchant account information required for real-time credit card processing. (ALREADY DONE)</li> <li>▪ Facilitate testing and implementation of any network connectivity that may be part of the proposed solution. (ALREADY DONE)</li> <li>▪ Work with the City to deploy effective signage to assist the parker with understanding and using the new parking meter system.</li> <li>▪ Assist the City with developing and implementing an effective public relations strategy to ensure successful completion of the project.</li> <li>▪ Offer the City guidance in creating a Web site that provides information on the new parking meter system and a Q&amp;A section to engage the public on the progress of the project and gauge public feedback.</li> </ul>
4 weeks for Zinc-coated Cold Rolled Steel, 14 weeks for Stainless Steel.	<p><b>MANUFACTURING OF PAY STATIONS</b> (incorporates lead time required to handle potential manufacturing backorders).</p>
3 weeks (concurrent with manufacturing of the pay stations)	<p><b>SITE PREPARATION.</b> This preparation would include the installation of any required concrete pads, power, networking infrastructure, and bolts corresponding to the LUKE mounting pattern as well as signage.</p>
One week	<p><b>SHIPMENT AND DELIVERY OF PAY STATIONS</b></p>
Two to Three weeks.	<p><b>INSTALLATION AND TESTING OF PAY STATIONS</b></p>

**Request for Proposal for Multi-Space Parking Meters**

TIME REQUIRED	PROJECT TASK
<p>Two days (concurrent with installation and testing)</p>	<p><b>TRAINING.</b> During training, the outline of key activities will include:</p> <p><b>Software Review</b></p> <ul style="list-style-type: none"> <li>▪ Installing software</li> <li>▪ Backing up data</li> <li>▪ Review BOSS menu structure</li> <li>▪ Setup</li> <li>▪ User access profiles</li> <li>▪ Configuration/Payment setup</li> <li>▪ Machine setup</li> <li>▪ Pay-and-Display</li> <li>▪ Rate setup</li> <li>▪ Reporting</li> <li>▪ Transaction reports</li> <li>▪ EMS</li> <li>▪ Reviewing EMS features</li> <li>▪ Accessing the application</li> <li>▪ Setting up users and notifications</li> <li>▪ Entering service mode</li> <li>▪ Reports at the pay station</li> <li>▪ BOSS Data Key operation</li> <li>▪ Enforcement</li> <li>▪ Loading new rates</li> <li>▪ Obtaining transaction data</li> </ul> <p><b>Hardware Review</b></p> <ul style="list-style-type: none"> <li>▪ Keys and locks</li> <li>▪ Keypad</li> <li>▪ Coin acceptor</li> <li>▪ Powering</li> <li>▪ 802.11b/g or GSM/GPRS wireless connectivity</li> <li>▪ Printer</li> <li>▪ Operations</li> <li>▪ Collecting money</li> <li>▪ Maintenance</li> <li>▪ Changing paper</li> </ul>

**Request for Proposal for Multi-Space Parking Meters**

TIME REQUIRED	PROJECT TASK
	<ul style="list-style-type: none"> <li>▪ Cleaning printer</li> <li>▪ Cleaning coin acceptor</li> <li>▪ Cleaning credit card reader</li> </ul>
Four weeks	<p><b>POST-INSTALLATION REVIEW.</b> Following training, the assigned DPT Project Manager will remain the key point person with the City for a period of at least one month to ensure all operations are running smoothly.</p>
Ongoing	<p>Once the City is confident it can operate the system effectively on its own within the first month, the Project Manager will hand the project over to DPT's Customer Service team.</p>

With this project timeline in place, the timeframe from awarding the contract to having 14 Pay-and-Display parking meters installed and operational during Phase 1 of the project would be approximately 6 weeks or faster from the start of contract negotiations for Cold Rolled Steel, and 16 weeks or faster for Stainless Steel

**Tab 10: Financial Documentation**

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DPT has provided the necessary financial statements to the City, and will be glad to do so again once it is agreed that the information is strictly confidential.

## Tab 11: Client References

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### Municipalities and State Entities

#### **City of Houston, TX**

*Liliana L. Rambo, CAPP*

*Tel: 713-853-8276*

*Fax: 713-853-8913*

*Installation Date: September 2006*

*Type of Pay Station: LUKE, solar-powered and some AC-powered*

*Number of Pay Stations: 750*

*Payment Options: Credit cards, bills, coins*

*Connection Type: 802.11g Wi-Fi network*

*EMS Services: Reporting, real-time credit card processing, remote updates*

DPT was awarded a three-year contract by Affiliated Computer Services, Inc. (ACS) to supply 750 LUKE pay stations for deployment throughout the City of Houston, TX, in September 2006. There is an option to supply a further 750 LUKes before the end of the contract to make up a city-wide total of 1,500 stations.

This project also represents the first municipal parking meter system in the U.S. that does not rely on a cellular network, but instead communicates exclusively using a dedicated 802.11b/g Wi-Fi network. The City of Houston will evaluate the performance of this Wi-Fi system to determine if it can be expanded to assist public safety and public service employees to improve the accuracy and timeliness of their duties.

At the conclusion of the trial, the LUKE pay station was rated the highest by both city officials and the public.

Houston's LUKE solar-powered on-street pay stations accept credit cards, paper currency, coins, and Pay-by-Phone. The pay stations also offer on-screen payment instructions in multiple languages, as well as remote back-end system management through DPT's Internet-based EMS. EMS enables City of Houston officials to remotely update all pay stations, in real-time, with new rate and configuration information.

The successful awarding of the contract caps a two-year evaluation period by the City of Houston to investigate general system integrators, on-street pay station manufacturers, and Wi-Fi network suppliers for its on-street parking system.

#### **City of Glendale, CA**

*Tad Dombroski, Parking Manager*

*Tel: 818-548-3960*

*Fax: 818-409-7027*

*Installation Date: October 2008*

*Type of Pay Station: LUKE, AC-powered*

*Number of Pay Stations: 75*

*Payment Options: Credit cards, coins*

*Connection Type: GSM*

*EMS Services: Real-time remote updates, real-time credit card processing, real-time reporting*

## **Request for Proposal for Multi-Space Parking Meters**

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DPT was awarded a three-year contract to supply the City of Glendale with up to 75 LUKE pay stations in August 2008. Within two months, the units were deployed on Brand Boulevard and throughout the downtown area for both on- and off-street implementation.

Glendale's LUKE AC-powered on-street pay stations accept credit cards and coins. The pay stations also offer on-screen payment instructions as well as remote back-end system management through DPT's Internet-based EMS. EMS enables City officials to remotely update all pay stations, in real-time, with new rate and configuration information, and also facilitates real-time credit card processing and reporting.

Phase 1 of the City's project was implemented along several blocks of Brand Boulevard to assist in the overall management of parking and traffic flow. Prior to the installation of the DPT parking meters, there had been no pay parking on Brand for more than 30 years. As part of its Mobility Plan, the City wanted to increase available occupancy on Brand Boulevard by implementing pay parking while encouraging patrons to take advantage of the off-street garages in the area by offering 90 minutes of free parking. Almost immediately after the launch of the project, the City showed that parking levels on Brand had normalized close to the optimal occupancy of 85 percent and the parking meters provided a strong revenue source.

### **City of West Hollywood, CA**

*8300 Santa Monica Blvd*

*West Hollywood, CA, 90069-4314*

*Jackie Rocco, Parking Operations Manager*

*Tel: 323-848-6426*

*Rod Marquez, Assistant to the Parking Manager*

*Tel: 323-848-6400*

*Long Thu, Manager of Parking Operations & Collections*

*Tel: 323-848-6830*

*Installation Date: 2003*

*Type of Pay Station: LUKE and SHELBY, solar-powered*

*Number of Pay Stations: 13*

*Payment Options: Credit cards, coins*

*Connection Type: GSM*

*EMS Services: Pay-by-Phone, real-time credit card processing, add time at any pay station*

In early 2005, the City of West Hollywood and DPT implemented nine LUKE pay stations during an on-street trial evaluation. At the end of the trial, the City of West Hollywood released an RFP calling for the purchase of additional pay stations to replace all its existing single-head meters with multi-space technology. The solar-powered pay stations are fully configured to accept payment in coin and credit cards with real-time online authorization, as well as an integrated cell phone payment system. This parking application now allows parkers to pay for and add time to any space from any pay station. After all RFP responses were evaluated, DPT was selected along with two other vendors for oral presentations by a neutral evaluation committee. DPT was officially awarded the contract and is currently rolling out additional machines for on-street and off-street applications.

### **Redwood City, CA**

*Dan Zack, Downtown Development Coordinator*

*Tel: 650-780-7363*

*Fax: 650-780-0128*

*Installation Date: 2007*

*Type of Pay Station: LUKE, solar-powered*

*Number of Pay Stations: 42*

*Payment Options: Credit cards, coins, bills*

## **Request for Proposal for Multi-Space Parking Meters**

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*Connection Type: Wi-Fi MetroMesh network*

*EMS Services: Real-time credit card processing, real-time remote updates, Pay-by-Phone, add time at any pay station*

DPT was selected by Redwood City, California, to supply 42 Wi-Fi-based pay stations for the City's downtown core. The LUKE pay station was chosen to provide city parkers with a range of payment options and conveniences while helping to facilitate the implementation of Dr. Donald Shoup's revolutionary plan for urban revitalization. Dr. Shoup is a professor of urban planning at the University of California, Los Angeles (UCLA) and author of the book *The High Cost of Free Parking*.

"In Redwood City, we have a challenge," says Redwood City's downtown development coordinator, Dan Zack. "We have a downtown core that suffers from gridlock as people circle the area looking for available on-street parking. The irony is that there are stalls sitting empty only blocks away."

Redwood City's LUKE on-street pay stations are connected to DPT's EMS via a Wi-Fi MetroMesh network. This Wi-Fi connectivity enables the City to offer new capabilities such as real-time credit card authorization, Pay-by-Phone integration, and the ability to add time at any pay station.

"They're all connected and share information with each other," notes Zack.

DPT's EMS provides Redwood City with the ability to closely monitor vacancy rates and ensure that parking availability is maintained at an optimum level. If rate changes are required, updates to all of the pay stations may be made immediately via the Internet.

### **City of Milwaukee, WI**

*Cindy DeAngelos, Parking Finance Manager*

*Tel: 414-286-2404*

*Paul Klajbor, Parking Operations Manager*

*Tel: 414-286-3271*

*Installation Date: June 2007*

*Type of Pay Station: LUKE, AC-powered*

*Number of Pay Stations: 175*

*Payment Options: Credit cards, coins*

*Connection Type: GSM*

*EMS Services: Real-time credit card processing, real-time data integration*

The City of Milwaukee has installed over 100 LUKE pay stations in its downtown corridor and recently placed an order for an additional 75 LUKE pay stations. "The LUKE meters will allow users to pay with coins, debit, and credit cards authorized in real-time, and their networking capability will allow parkers to pay at any LUKE meter. The City intends to take advantage of the full colored screen to provide the public useful information on current events in the area."

Milwaukee's pay stations are connected to an enterprise version of DPT's EMS, the online management system that delivers a range of real-time services that is hosted by the city itself. The first of its kind in the industry, the enterprise server option allows the city to maintain tighter control over its data.

Milwaukee intends to develop several new applications in-house using DPT Web Services, an application that enables real-time exchange of data between EMS and third-party technologies. This data exchange will assist in areas such as enforcement and maintenance.

**Chattanooga Area Regional Transit Authority (CARTA)**

*Kirk Shore*

*Tel: 423-413-4385*

*Installation Date: 2006*

*Type of Pay Station: LUKE and SHELBY*

*Number of Pay Stations: 43*

*Payment Options: Credit cards, coins, bills*

*Connection Type: CDMA*

*EMS Services: Online credit card processing, reporting,*

CARTA chose DPT after an extensive RFP process in early 2006. The rollout called for off-street and on-street pay stations spread throughout the City utilizing Pay-by-Space and Pay-and-Display modes. As of September 2007, CARTA has deployed 29 on-street and 14 off-street pay stations and is constantly adding more at a rate of six every few months. CARTA appreciates the ability to consolidate all its parking operations under one system and has drastically reduced its operational overhead.

**City of White Plains, NY**

*John Larson, Associate Director*

*Tel: 914-422-1232 ext. 2401*

*Fax: 914-422-1274*

*Installation Date: 2004/2005*

*Type of Pay Station: LUKE, AC-powered*

*Number of Pay Stations: 103*

*Payment Options: Credit cards, coins, bills, change dispenser*

*Connection Type: Hardwired ADSL*

*EMS Services: Real-time reporting, real-time remote configuration, real-time credit card processing, real-time monitoring and alarming, Pay-by-Phone, Web Services*

After careful review of all RFP presentations and an evaluation of DPT's strengths, White Plains awarded the contract to DPT in November 2004 for the deployment of the LUKE pay station.

White Plains has to date purchased and installed 103 LUKE pay stations throughout the city that accept coins, bills, credit cards, and dispense change. In 2007, the City installed an additional 50 LUKE pay stations and in 2008 an additional 10. White Plains also utilizes the remote EMS system to provide real-time reporting and remote configuration, real-time credit card processing and real-time monitoring and alarming through a hardwired ADSL network connection.

**City of White Rock, White Rock, BC**

*Matthew Green, Pay Parking Manager*

*Tel: 604-541-2284*

*Installation Date: 2004/2005*

*Type of Pay Station: LUKE, AC- and solar-powered*

*Number of Pay Stations: 37*

*Payment Options: Credit cards, coins*

*Connection Type: CDMA*

*EMS Services: Real-time credit card processing, add time at any pay station, Pay-by-Phone*

DPT was awarded the White Rock contract after an RFP process involving the City of White Rock and the consulting arm of KPMG. DPT began installation of the first of five phases in November 2004.

## **Request for Proposal for Multi-Space Parking Meters**

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The total implementation involved 37 LUKE pay stations configured in a Pay-by-Space mode to accept coins and credit cards. Nine of the units are AC powered and 28 are solar powered. All of the units are connected wirelessly via CDMA cellular modems to enable connectivity to DPT's EMS service. This real-time connectivity provides parkers in White Rock with three key benefits:

1. The ability to purchase a ticket and add time for any parking space in White Rock at any machine.
2. Enables real-time authorization of parkers' credit cards
3. The ability to pay for parking by cell phone.

White Rock utilizes three real-time EMS services—real-time credit card authorization, monitoring and alarming, and reporting and remote rate configuration. The LUKE pay stations are replacing current pay stations in parking lots, individual meters in parking lots and on-street individual meters.

In 2006, the City of White Rock was recognized by the provincial government for the innovation of its parking program and the use of the LUKE parking meter. The City received the Innovative Idea Award from the Government Finance Officers' Association (GFOA) of British Columbia in recognition of its waterfront pay parking technology and practices.

### **City of Fort Lauderdale, FL**

*Diana Alacorn, Assistant Parking Director*

*Tel: 954-828-3793*

*Installation Date: 2005*

*Type of Pay Station: LUKE, AC- and solar-powered*

*Number of Pay Stations: 30*

*Payment Options: Credit cards, coins, bills*

*Connection Type: GSM*

*EMS Services: Real-time credit card processing, reporting, real time updates*

After an extensive RFP process, DPT was selected as the preferred choice for the City of Fort Lauderdale's prestigious Los Olas street project. Upon successful completion of a 90-day evaluation, the City replaced the current Parkeon multi-space meters with DPT's LUKE pay station. The City chose the LUKE because of the pay station's advanced features and DPT's corporate vision and outstanding customer service. Features such as immediate real-time authorization, meter aesthetics, ease of maintenance as well as more advanced features such as screen display, meter networking, and reporting played an integral role in the selection process.

### **Universities**

#### **University of California at Santa Barbara, Santa Barbara, CA**

*Tana Lucido, Assistant to the Director of Transportation*

*Tel: 805-893-8731*

*Fax: 805-893-3108*

*Installation Date: June 2003*

*Type of Pay Station: LUKE, AC- and solar-powered (switched from Intella-Pay to LUKE)*

*Number of Pay Stations: 89*

*Payment Options: Credit cards, coins, bills, campus cards, coupons*

*Connection Type: Ethernet/Wi-Fi*

*EMS Services: Pay-by-Phone, add time at any pay station, real-time credit card processing, campus cards*

## **Request for Proposal for Multi-Space Parking Meters**

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UCSB currently operates 89 AC- and solar-powered pay stations on its campus with more than 26,000 transactions generated per month. The university has a networked system that encompasses over 6,000 parking spaces that allow parkers to pay for their space and add time to their current space from any location on campus. Methods of payment include cash (bills/coin), offline credit card, offline campus access card, coupons for the TAP program, and an integrated cell phone payment system.

UCSB undertook extensive research to evaluate alternatives for parking management technology. The finalists included Lexis, Guardian Technologies, Parkeon/Schlumberger and DPT. DPT was eventually selected as it was the only company that could integrate with the existing parking system and was able to customize its software to meet all the needs of the university (for example, campus cards and cell phone payment system).

UCSB is currently adding more machines and migrating from the EMS monthly software solution to the hosted EMS model to eliminate the monthly reoccurring fees.

### **California State University, Long Beach, CA**

*Brian Dunaway, Planner/Estimator/Scheduler* Tel: 562-522-6132

*Alan Moore, Assistant Director of Parking and Transportation* Tel: 562-619-8847

*Installation Date: January 2005*

*Type of Pay Station: SHELBY, solar-powered*

*Number of Pay Stations: 29*

*Payment Options: Credit cards, coins, bills, change dispenser, campus cards*

*Connection Type: Wi-Fi*

*EMS Services: Real-time credit card processing, campus cards, real-time reporting, real-time updates*

CSU Long Beach has to date installed 29 SHELBY pay stations on its campus. The university went through an RFP process and DPT was selected based its product functionalities and capabilities. CSU Long Beach pay stations communicate on the university's internal campus Wi-Fi backbone. The pay stations accept payment in credit card real-time, coins, and bills, and dispense change in a replenishing format. The university also has its own on-site server that runs all the real-time EMS features described in the RFP response.

### **University of California at Los Angeles, Los Angeles, CA**

*Devron Carter, Operations Manager* Tel: 310 466-9950

*Fax: 310-825-8709*

*Installation Date: July 2004*

*Type of Pay Station: LUKE and SHELBY, AC- and solar-powered*

*Number of Pay Stations: 36*

*Payment Options: Credit cards, coins, bills*

*Connection Type: Ethernet*

*EMS Services: Real-time credit card processing, real-time reporting*

UCLA currently has 36 LUKE and SHELBY pay stations deployed. The pay stations communicate via the campus Internet to enable real-time credit card processing. The university also utilizes DPT's EMS online access for real-time reporting and intelligent dispatching. UCLA currently has several other locations that use existing pay stations from other vendors with plans to replace all of these with pay stations from DPT.

UCLA is currently adding more machines and migrating from the EMS monthly software solution to the hosted EMS model to eliminate the monthly re-occurring fees.

## Tab 12: Submittals

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Please refer to the appendices for brochures on the LUKE pay station, the BOSS and EMS software, and sample reports from the pay station, BOSS, and EMS.

The *LUKE Installation Guide* and *LUKE Maintenance Guide* can be provided to the City upon awarding of the contract.

**Tab: 13: Warranties/Extended Maintenance and Software Support**

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Please refer to **Appendix F – LUKE U.S. Warranty Plan** for a detailed overview of our warranty plan.

## Tab 14: Detailed List of Offering

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In summary the following is being proposed:

- 32 LUKE Pay stations capable of Accepting Coin, Bill, Credit cards, Smart Cards.
- The LUKE pay stations are to be powered by Solar Panel.
- 2" Printer
- Ability to accept POM cards
- Ability to accept DPT's Beach Resident Card
- Ability to accept Parcsmart cards.
- All necessary software for the Pay stations to allow PBS and/or PND operation
- GSM Modems (T-Mobile or Cingular as a carrier) or CDMA modem(Verizon) depending on who offers better service. If 802.11b is required, pricing can be provided.
- Delivery and Installation of Equipment
- 20 hours of on-site training
- 2 years of Hardware and Software warranty with on site Tier 2 support
- All the necessary Back Office Software and licenses
- Unlimited access to EMS software for unlimited number of users for
  - Real Time CC transactions
  - Real Time Reporting
  - Real Time Alarming
- All the necessary keys
- Handheld device for off-line communication
- An additional collection (coin and Bag) canister for **EACH** pay station.
- Multilanguage Capability – Software feature
- (Option included) All Pay stations are constructed of Stainless Steel.

The following equipment is deemed optional and is available for additional charge:

- Pay By Cell ability – Software feature

**Tab 15: Cost**

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**Florida Door Control and Digital Payment Tech**

Print date: 11-Jan-10

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Quotation Date:	January 10, 2010
Valid for:	90 days
Delivery Time:	According to Proposal

	<u>Sold To:</u>	<u>Ship To</u>	<u>End Customer</u>
Company:	City of Fort Lauderdale	Same	Same
Address:			
City:	City of Fort Lauderdale		
State/Prov:	FL		

Line Item #	Description	List Price	Fort Lauderdale Extended Price	Qty	Fort Lauderdale
<b>LUKE Paystation Hardware and Software</b>					
1	Solar LUKE Paystation (Cold Rolled Steel), including:	\$ 15,888.00	\$ 8,738.40	18	\$ 157,291.20
2	Bill Validator (1000 notes)	included	included	18	included
3	Coin Acceptor (w/Canister)	included	included	18	included
4	Dual Card Reader (Mag Stripe/Embedded Chip)	included	included	18	included
5	Paystation License	included	included	18	included
6	GSM Modem	included	included	18	included
7	Solar Panel 20 Watt Wireless Compatible	included	included	18	included
		<b>Subtotal for Paystation</b>	<b>\$ 8,738.40</b>		<b>\$ 167,291.20</b>
		<b>Price per Solar LUKE</b>	<b>\$ -</b>		<b>\$ 8,738.40</b>
<b>120VAC LUKE Paystation (Cold Rolled Steel), including:</b>					
8	120VAC LUKE Paystation (Cold Rolled Steel), including:	\$ 14,853.00	\$ 8,169.15	14	\$ 114,368.10
9	Bill Validator (1000 notes)	included	included	14	included
10	Coin Acceptor (w/Canister)	included	included	14	included
11	Dual Card Reader (Mag Stripe/Embedded Chip)	included	included	14	included
12	Paystation License	included	included	14	included
13	GSM Modem	included	included	14	included
14	AC Power	included	included	14	included
		<b>Subtotal for Paystation</b>	<b>\$ 8,169.15</b>		<b>\$ 114,368.10</b>
		<b>Price per 120VAC LUKE</b>	<b>\$ -</b>		<b>\$ 8,169.15</b>
<b>Common Software and Hardware</b>					
15	LUKE Mobile Key and software	\$ 250.00	\$ 250.00	1	Will not be delivered (Already Purchased)
16	LUKE BOSS Software -Advanced-Site License	\$ 1,000.00	\$ 1,000.00	1	Will not be delivered (Already Purchased)
17	Credit Card Set-up	\$ 1,000.00	\$ 1,000.00	1	Will not be delivered (Already Purchased)
18	External Keys (set of two)	\$ 25.00	\$ 13.75	4	\$ 55.00
19	Collection Key (Canister Removal)	\$ 33.00	\$ 18.15	4	\$ 72.60
20	Collection Key (Canister Access)	\$ 10.00	\$ 5.50	4	\$ 22.00
21	Collection Key (Bill Removal)	\$ 10.00	\$ 5.50	4	Will not be delivered (Already Purchased)
22	Collection Key (Bill Access)	\$ 10.00	\$ 5.50	4	Will not be delivered (Already Purchased)
23	Shipping	\$ 200.00	\$ 200.00	32	\$ 6,400.00
<b>Services</b>					
24	Installation	\$ 500.00	\$ 500.00	32	\$ 16,000.00
25	1st year Warranty and Tier 2 Support	\$ 500.00	\$ 500.00	32	\$ 16,000.00
26	Additional Extended 1 year warranty (for Year 2)	\$ 750.00	\$ 750.00	32	\$ 24,000.00
27	Additional Extended 1 year Tier 2 on-site support (for Year 2)	\$ 250.00	\$ 250.00	32	\$ 8,000.00
28	Training (First Day)	\$ 2,000.00	\$ 2,000.00	1	\$ 2,000.00
29	Training (Additional Day)	\$ 500.00	\$ 500.00	2	\$ 1,000.00
<b>Collection Extras</b>					
30	Spare, Coin Canister	\$ 600.00	\$ 330.00	32	\$ 10,560.00
31	Spare, Bill Stacker, US, LUKE, 1000 Note	\$ 300.00	\$ 165.00	32	\$ 5,280.00
<b>EMS Pricing</b>					
32	Reporting (per Pay Station per month)	\$ 50.00	\$ 30.00		Calculated Monthly
33	Real-Time Credit Card (per Pay Station per month)	included	included		Calculated Monthly
34	Monitoring and Alarming (per Pay Station per month)	included	included		Calculated Monthly
<b>TOTAL Pricing</b>					<b>\$ 361,048.90</b>
<b>Overall Per Solar Unit Price</b>					<b>\$ 11,531.81</b>
<b>Overall Per AC Unit Price</b>					<b>\$ 10,962.56</b>
36	Stainless Steel Cabinet and pedestal Upgrade	\$ 3,140.00	\$ 832.69		

Discount Structure		
Cumulative Number of Units	% Discount	EMS Charges
0 - 4	0	\$ 50.00
5 - 9	10	\$ 50.00
10 - 24	15	\$ 50.00
25 - 59	30	\$ 50.00
60 - 99	45	\$ 30.00
100 +	50	\$ 30.00

← Proposed City Discount

**Tab 16: Non-Collusion Statement**

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**PROPOSAL RESPONSE PAGES - PART II  
TECHNICAL PROPOSAL**

RFP NO. 504-10412

OPENS 01/13/10

**PROPOSAL RESPONSE PAGES - PART III  
NON-COLLUSION STATEMENT**

By signing this offer, the vendor/contractor certifies that this offer is made independently and *free* from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).

3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

**Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.**

<u>NAME</u>	<u>RELATIONSHIPS</u>
<hr/>	<hr/>

**In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.**

*ACKNOWLEDGED.*

**Tab 17: Proposal Signature Page**

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**PROPOSAL RESPONSE PAGES - PART IV - BID/PROPOSAL SIGNATURE PAGE**

**How to submit bids/proposals:** It is preferred that bids/proposals be submitted electronically at [www.bidsync.com](http://www.bidsync.com), unless otherwise stated in the bid packet. If mailing a hard copy, it will be the sole responsibility of the Bidder to ensure that the bid reaches the City of Fort Lauderdale, City Hall, Procurement Department, Suite 619, 100 N. Andrews Avenue, Fort Lauderdale, FL 33301, prior to the bid opening date and time listed. Bids/proposals submitted by fax or email will NOT be accepted. Please refer to Part VII for specific instructions for this RFP.

The below signed hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid. I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal I will accept a contract if approved by the CITY and such acceptance covers all terms, conditions, and specifications of this bid/proposal.

**Please Note:** If responding to this solicitation through BidSync, the electronic version of the bid response will prevail, unless a paper version is clearly marked **by the bidder** in some manner to indicate that it will supplant the electronic version.

Submitted by:  (signature) \_\_\_\_\_ (date)

Name (printed) ANDREW SCOTT Title: CHIEF EXECUTIVE OFFICER

Company: (Legal Registration) DIGITAL PAYMENT TECHNOLOGIES

**CONTRACTOR, IF FOREIGN CORPORATION, MAY BE REQUIRED TO OBTAIN A CERTIFICATE OF AUTHORITY FROM THE DEPARTMENT OF STATE, IN ACCORDANCE WITH FLORIDA STATUTE §607.1501 (visit <http://www.dos.state.fl.us/doc/>).**

Address: 330 - 4260 STILL CREEK DRIVE

City BURNABY State: BC Zip V5C 6C6

Telephone No. 604.688-1959 FAX No. 604-687-4329

E-MAIL: mike.morokhovich@digitalpaytech.com

Delivery: Calendar days after receipt of Purchase Order (section 1.02 of General Conditions): 60 DAYS

Payment Terms (section 1.03): 30 DAYS Total Bid Discount (section 1.04): SEE ENCLOSED.

Does your firm qualify for MBE or WBE status (section 1.08): MBE  WBE

**ADDENDUM ACKNOWLEDGEMENT** - Proposer acknowledges that the following addenda have been received and are included in the proposal:

<u>Addendum No.</u>	<u>Date Issued</u>
<u>JUST ANSWERS TO QUESTIONS PARKING CARD SAMPLE</u>	

**VARIANCES:** State any variations to specifications, terms and conditions in the space provided below or reference in the space provided below all variances contained on other pages of bid, attachments or bid pages. No variations or exceptions by the Proposer will be deemed to be part of the bid submitted unless such variation or exception is listed and contained within the bid documents and referenced in the space provided below. If no statement is contained in the below space, it is hereby implied that your bid/proposal complies with the full scope of this solicitation. **HAVE YOU STATED ANY VARIANCES OR EXCEPTIONS BELOW? BIDDER MUST CLICK THE EXCEPTION LINK IF ANY VARIATION OR EXCEPTION IS TAKEN TO THE SPECIFICATIONS, TERMS AND CONDITIONS.**

Variances: PLEASE SEE END OF TECHNICAL RESPONSES

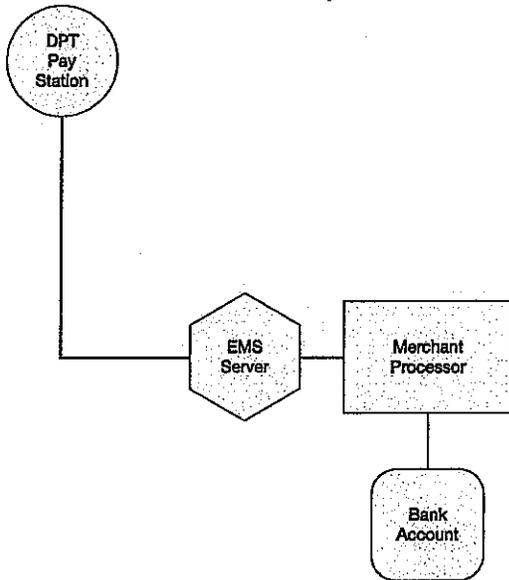
**PROPOSAL PAGES - PART V  
SPECIFICATION REQUIREMENTS COMPLIANCE**

Complies With  
Specification Requirements

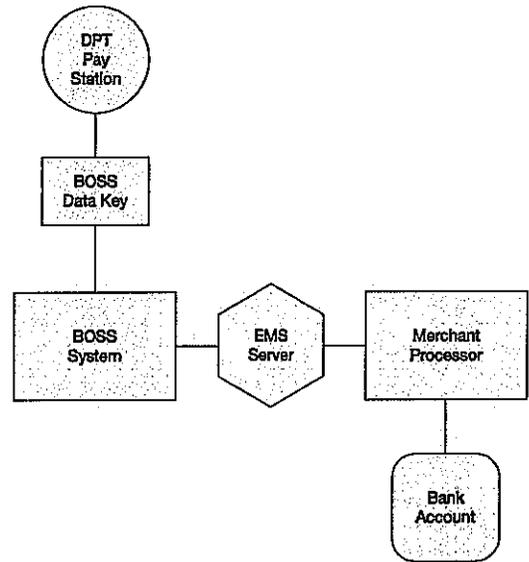
**A. GENERAL**

1. Respondent shall use a local distributor to provide support for initial installation, training, parts and warranty service. "Local" is defined as close enough to the City of Fort Lauderdale to provide twenty-four (24) hour responses to software and hardware requests. Travel shall be at no cost to the City. Y  N
  
2. Machines must remain fully functional in abnormal street conditions like excessive heat (Internal Operating Temperature of 0 °F to 140 °F), humidity, rain, hail, grime, vibrations, saltwater spray, etc. Y
  
3. All machines shall be constructed with new and unused, rugged materials and meet "Year 2008" compliance requirements. Y  N
  
4. Respondent explain preferably in a Visio Diagram, how its computer network processes the flow of magnetic stripe and microprocessor type smart card information from the pay stations to and from the bank or electronic financial transaction authorization network.

DPT uses two methods to process credit card data: batch (offline) and real-time (online).



**Real-time (online) processing**



**Batch (offline) processing**

5. Respondent must be prepared to agree to a 90 day trial period with at least four (4) fully functional meters to be tested in at least two (2) different locations in the City before the remainder of the meters are scheduled for installation. Y  N
  
6. Respondent describe, in detail, all of the equipment you propose to use.

DPT is proposing the LUKE pay station for the City's on-street application. Details on the equipment and software include:

**Hardware and Software Components**

The DPT solution and its options consist of four hardware/software components:

## **The LUKE Pay Station**

The LUKE pay station is raising the bar for parking revenue management equipment in terms of user friendliness, technology sophistication and flexibility, and overall appearance.

LUKE's unique appearance is designed specifically for multi-space on-street parking meter use, but it can also be used in off-street locations. The theme for the mechanical design is "retro-inspired, contemporary." The result is a look which is instantly recognizable as parking related, but with all the capabilities required for modern, on-street parking including a full numeric keypad and a standard full color 640 x 480 resolution screen. The LUKE pay station also includes capabilities such as Pay-by-Space and Pay-and-Display operations, a very flexible rate configuration capability, networked operations through multiple communication options and ease of use for both parkers and operators.

LUKE is delivering on the promise to solve the growing challenges in municipal parking.

More details on the LUKE pay station can be found within the RFP technical responses and within **Appendix A – LUKE Brochure**.

## **BOSS Software**

BOSS is a Windows-based software program that resides on a desktop or laptop in the management offices of the LUKE operator. The BOSS interface allows operators to configure all operating aspects of their LUKE pay stations and to retain and query the LUKE transaction database through the reporting capability of the software.

More information about the capabilities of the BOSS software can be found in the technical responses and within **Appendix B – BOSS**.

## **BOSS Data Key**

The BOSS Data Key serves as the manual communication conduit between the BOSS software residing at the main office computer and each LUKE pay station. The BOSS software and Data Key contain 2048-bit RSA encryption that enables manual updates and retrieval of information from each LUKE pay station. Data exchange is a simple process of clicking a button to transfer information to the BOSS Data Key and then inserting the key into the LUKE pay station to upload the information. The LCD display on the LUKE pay station then provides password-protected access to all features available with the BOSS Data Key. Remote configuration data transfer is accomplished using 128-bit SSL encryption.

## **EMS**

EMS is a real-time remote management system engineered specifically for the parking industry. The EMS Server is remotely hosted at a co-location facility in Vancouver, B.C., with DPT acting as an ASP; however, the City may wish to consider a locally hosted service as well.

Communication to the EMS network can be done either wireless via 802.11b/g (Wi-Fi), GSM/GPRS (cell phone network) or hard wired using Ethernet. This sets the standard for reliability, data integrity and operational capabilities that no other existing solutions can match. EMS and the DPT pay stations also work with the latest technologies in metro Wi-Fi technology as demonstrated by our successful deployments in Houston, TX, Redwood City, CA, and Brookline, MA, where all pay stations are networked over either a Tropos Networks or Strix Systems Wi-Fi network.

Specific EMS features and benefits include:

- Real-time non-cash transaction processing
- Real-time reporting
- Remote configuration
- Proactive monitoring and alarming
- Configuring coupons numbers

More information about the capabilities of EMS can be found in the technical responses and within **Appendix C – EMS Brochure**

7. Respondent also describe in detail your plan for pay station auditing and reconciliation procedures that track electronic revenues from the pay station to the financial clearinghouse. The clearinghouse system must conform to International Standards Organization (ISO) standards for authorization messages. The ISO standards, as amended from time to time, are deemed as being incorporated by reference herein. All electronic processing must utilize an SSL gateway, provide at a minimum 128 data encryption, and conform to all Visa and MasterCard requirements.

For the processing of credit card transactions, LUKE currently supports the following credit card processors:

- Alliance Data Systems
- First Data EFSNet
- First Data Nashville (in February 2010)
- First Horizon
- Payment Processing Inc. (PPI) – formerly Paradata
- Paymentech

Additional processors may be supported through the Authorize.Net gateway. These processors include:

- Paymentech
- East Processing Platform
- First Data Nashville (Envoy)
- First Data Omaha
- First Data EFSNet
- First National Merchant Solutions (SPC)
- Global Payments (NDC)
- Nova
- Pay by Touch Payment Solutions
- RBS Lynk
- Vital

Software charges associated with credit card processing include the EMS fees included in our proposal as well as the transaction fees associated with the credit card merchant selected. These fees will vary by processor, but typically average five cents to seven cents per transaction for real-time processing applications.

For businesses needing to accept card payments from clients, card processors such as First Data offer a "single point of contact" for Visa, MasterCard, American Express, Interac direct payment and all Point of Sale solutions – from in-store to mobile wireless to e-commerce.

Reconciliation of transactions will be relatively easy as all transactions will be processed directly into their bank account without any bad cards. The client will then have full access to pay station data in order to do the reconciliation themselves or outsource that reconciliation to a third-party.

Credit card information at each LUKE pay station and on the BOSS software is stored with 2048-bit RSA encryption, communicated with 128-bit SSL encryption and is operator configurable to have only the first two and last four numbers stored.

8. The vendor must have a toll free support number for troubleshooting both software and hardware including a contact number for after hours troubleshooting).

Y

9. Any software and hardware backups needed shall be available within twenty-four (24) hours.

Y

N

10. For newly installed units, the City of Fort Lauderdale Parking and Fleet Services Department reserves the right to install the base and the local distributor will supply a fully operational pay-station at the City of Fort Lauderdale Parking and Fleet Services selected location. City of Fort Lauderdale Parking Services will take possession of new units at the point of installation.

Y

N

11. Machines must have the capability of being converted to pay-by-space. Describe time frame and any costs to the City.

Y

There are no costs associated with or extra time required to convert a pay station to Pay-by-Space mode. The LUKE can function in either Pay-by-Space or Pay-and-Display modes. Switching from one mode to the next can be effortlessly enabled with a simple mouse-click in BOSS. In addition, the modes can co-exist on the same machines at the same time.

**B. BASIC SYSTEM REQUIREMENT**

1. Systems must be capable of functioning as a single unit or operate in a networked environment with the application and database installed on a server and controlled using back office software.

Y

2. The software shall facilitate the management of communications, rates, maintenance, collections and audit functions, which can be communicated to the meters, remotely, using a back office computer.

Y

N

3. Machines must be able to run off solar with standard locally procured batteries.

Y

N

- 3a. What type of batteries are required for your product?

The pay station is powered by 1 x 12V 35Ah sealed gel-cell battery that can be trickle charged using an AC powered charger or a 20-watt solar power panel. If greater capacity is required, an additional 12V 35Ah battery can be connected with the main battery

4. Vendor should specify Machines minimum transactions on back-up power, without error.

LUKE will perform 80 transactions a day for 14 days on backup alone when sleep timers are enabled. On-street daily transactions are typically lower, thereby enabling operations beyond one week. Each pay station is continually doing self-diagnostics on the pay station operation. If problems occur, proactive alarm notifications are sent to individuals assigned by the City to receive these notifications and each of these alarm notifications has a date and time stamp. One of the alarms triggered that is sent to pagers, mobile phones and e-mails is Battery Voltage Low.

5. During power outages, all machines will operate in a stand-alone capacity and store accumulated data in memory.

Y

N

All information is retained in 256 MB of non-volatile memory in the event of a main power loss.

6. A separate backup battery must be supplied to sustain the clock, calendar, audit information and RAM in the event of a main backup system failure or during battery replacement.

Y

N

7. Machines shall have optional language capable of being programmed at the machines.

Y

The language options displayed on the pay station are programmed in advance in BOSS. The standard menu screens can display up to four languages at any time. English, French, Spanish, German, and Vietnamese character sets as well as simplified Chinese are currently available for all prompts.

8. The Respondent shall explain in detail the ability of pay-by-space meters to provide information on paid and/or unpaid parking spaces in pay-by-space lots by obtaining a listing from the meter, a web-based program or other options that are compatible with current devices used for parking enforcement.

Upon the enforcement officer prompting the pay station, LUKE will print a report showing either VALID or EXPIRED spaces for any range of spaces that is requested regardless of the payment method. It will show all the spaces currently expired or going to expire. Stall reports can also be obtained from the Web-based EMS if the pay station is online.

If the pay station is not capable of communicating, it will inform the officer that only a local report is available. This information will enable the enforcement officer to avoid issuing citations until communications are restored.

DPT Web Services, incorporated into EMS, allows for third-party technology integration, such as a handheld enforcement device, to pull space expiry times from the EMS in real-time and so improve quality of citations and efficiency of enforcement operations. DPT is currently integrated with Complus Data Innovations, Duncan Solutions, ParkTrak, and T2 Systems to provide this service.

9. Machines shall display specific 'out of order' conditions and should operate with the malfunctioning status, until serviced. Y

LUKE will display specific messages to indicate faults in different parts of the system. For example, if the bill stacker is malfunctioning, the pay station will alert the parker of the condition and request them to use an alternative payment method.

10. Machines shall have the ability to allow credit card transactions when communication is offline. While communication capability is offline the machines will store all credit card information and process the transactions immediately after communication has been restored.

In the event that the communication network is unexpectedly disrupted, LUKE will store the transaction and then automatically forward it for processing when communication is re-established. Data may be manually downloaded from the pay station in the event of a lengthy communications failure.

### **C. CUSTOMER OPERATION**

1. The pay stations must operate with coins, bills, credit/debit/smart cards and pay-by-phone technology in a manner that allows customers to follow simple printed, digital and/or verbal instructions to complete the transaction quickly. Y  N

2. Instructions should tell the customer what to do first, and then lead them through the transaction in approximately 45 seconds. The last mandatory instruction for the pay-and- display machine shall be to advise the customer to display the receipt on the vehicle dashboard. Y

Easy to read instructions and graphics are located directly below the LCD

panel. These instructions can be customized to meet any of the City's specific requirements. The instructions on the LCD screen are also extremely easy to follow.

2a. Approx. how many seconds does your product take to perform this feature?

The specific time taken to complete a transaction depends on the complexity and dependency of external sources (as in real-time card processing). A very simple cash transaction can take as little as 20 seconds.

3. Explain the capability of the pay station to accept a "PIN" number when using a "Debit" or "Credit" card, and if there is an additional configuration cost for this option, what that cost would be.

N 

Checking account debit cards accepted will be only non-PIN-based cards issued by Visa that do not provide credit capability. At this time, introduction of PIN based cards is cost-prohibited.

#### **D. CURRENCY ACCEPTED**

1. Machines accept US currency in denominations of \$1, \$2, \$5, \$10, & \$20 bills, nickels, dimes, quarters, "SBA" and "Gold" dollar coins, magnetic striped credit cards with and without embedded Smart Card chips and the City of Fort Lauderdale Parking Services resident beach card. Respondents are responsible to ensure system compatibility with current single application EMV chip parking card. All machines must be capable of upgrades with US currency modifications.

Y 

**PARTIALLY COMPLIANT**

LUKE supports all of the currencies listed above as well as the major credit cards available – Visa, MasterCard, American Express, Discover, and Diners Club.

In terms of currency upgrades, when new bills are issued, upgrades to the bill acceptor may be made in the field using a flash memory stick. When new coins are issued, upgrades to the coin acceptor must be made at the factory at the City's expense

At this time, LUKE does not support the City's Resident Beach Card. DPT can provide an alternate card with the same functionality, but DPT believes it will be very difficult to work with Parkeon to support the Parkeon card. Although technically the equipment can support it, it will require a lot of proprietary information from Parkeon. As DPT is a direct competitor to Parkeon, DPT feels it cannot commit to supporting the card as DPT has no control over Parkeon's assistance in this endeavor.

LUKE has the ability to work with custom cards as an alternative to the City's Parking Services resident beach card, **providing exactly the same functionality.**

LUKE can also work with generic ID custom cards where the card number is included in the card's Track 2 data. With generic ID cards, parkers can get a parking receipt for a single pre-established rate. This enables parkers to get parking without paying cash at the machine.

For smart cards, the pay station currently supports the Bull Scot 5 and Atmel smart cards by POM as well as the City Card smart card from

ParcXmart. The POM card may be used at the pay station and purchase values are then deducted from it. The pay station can also be used as a smart card reload station for the POM smart cards.

## **E. HOUSING AND PEDESTAL**

1. Respondents shall state the specifications of the pedestals and housings, specifically including metal thickness, height, width and depth in inches and the weight in pounds of machines (with and without pedestals), tensile strength and gauge of metal. Respondents must provide a description of their product housing, including materials and thickness, and how the design secures the unit against attempted theft.

The cabinet is made of 12 gauge cold rolled steel or stainless steel. The LUKE dimensions are as follows:

- 63.5" high (85.5" when height of solar panel is included)
- 14.5" wide
- 16" deep
- 165 lbs top cabinet, pedestal, and all components installed (including battery but excluding solar panel);  
181 lbs fully loaded with solar panel
- 75 lbs top cabinet only

There is a single key access to the main LUKE door that is covered and not exposed externally. This lock controls six locking points in the access door that connect the door to the main body of the cabinet. There is a second door located in the pedestal that also has a covered lock. This door provides access to the battery and coin bag. The coin bag itself has a completely separate lock. An optional metal coin canister is also available. It is securely mounted in the upper cabinet. Both coin collection devices have separate locking mechanisms that secure them in the cabinet to prevent maintenance personnel from accessing any of the money stored within them.

For the main cabinet and pedestal door, LUKE uses the Mul-T-Lock high security cylinder locks that have a unique telescopic pin tumbler mechanism with internal and external pins. This design, together with the lock's patented plug, delivers anti-drilling and anti-pick resistance. In addition, each lock's three-in-one cylinder design enables the simple changing of your lock and key combinations.

The cabinet is mounted to the sidewalk or concrete using 5/8" bolts that are not exposed to the exterior of the cabinet and can only be accessed through the locked pedestal door.

Under a stand-alone operation, LUKE is equipped with a 125dBa siren that will activate based on the pay station sensing shock or vibration. Using DPT's Internet EMS system, notification of these alarms will be sent in real-time to e-mail, cell-phones or pagers for immediate response by the appropriate authority.

2. The Respondent shall provide all results of tests that have been performed to determine the durability of the cabinet, pedestal and any applicable finishes.

### **PARTIALLY COMPLIANT**

DPT is currently evaluating tests conducted on the LUKE pay station to determine durability. Results of these tests and any resulting recommendations can be made available to the City upon request.

3. Provide installation drawings and specifications.

### **COMPLIANT**

The *LUKE Installation Guide* can be provided to the City upon awarding of the contract.

4. Describe how locks can be integrated into each unit in the cash box access doors and provide your separate price for this item if the City chooses to utilize this feature (for informational purposes only).

**COMPLIANT**

The coin bag, optional metal coin canister, and bill acceptor are all secured by separate locks. The coin bag/optional coin canister and bill stacker storing the money are secured by a double locking mechanism that includes a key that is used to remove the bag/coin canister and stacker from inside the pay station and separate keys to open the cash storage devices. Maintenance personnel without keys cannot remove the coin bag/coin canister or bill stacker.

- 5. Describe how cash collections will be performed showing collection and mechanical access as separate areas and functions.

**PARTIALLY COMPLIANT**

While the coin bag/coin canister and bill acceptor are in the maintenance areas, maintenance personnel are prohibited from accessing the collection devices through a dual lock mechanism. The coin bag, housed in the LUKE pedestal and optional metal coin canister and bill acceptor, housed in the LUKE cabinet are secured by separate locks. The coin bag/optional coin canister and bill stacker storing the money are secured by a double locking mechanism that includes a key that is used to remove the bag/coin canister and stacker from inside the pay station and separate keys to open the cash storage devices. Maintenance personnel without keys cannot remove the coin bag/coin canister or bill stacker.

- 6. Confirm that the meters will meet the following environmental standards:

- 1. Stainless Steel case
- 2. Sealed to prevent internal moisture
- 3. Silicone gaskets, if applicable, for solar panels
- 4. All exposed and internal parts anti-corrosive
- 5. Protective covering around exposed openings.

Y 

(as an option)  
Zinc Primed pay stations are proposed).

- 7. Confirm that the entire meter mechanism shall be enclosed in a stainless steel, durable, weather resistant housing constructed of corrosion resistant non-brittle metal of such thickness as to resist tampering, graffiti or abuse.

Y 

- 8. Paint should be seal coated, high quality and weather resistant, and provide a tough, scratch-resistant and easily cleaned surface. Unit must also have a double zinc primer. Provide description of products to be used by Parking Services personnel for preventive maintenance for corrosion of housing units, and mounting anchors and bolts.

Y 

**PARTIALLY COMPLIANT**

Although LUKE is currently not coated with a double zinc primer, DPT is currently evaluating zinc metalizing galvanic protection as a way of further protecting the pay station against corrosive elements.

The LUKE cabinet is designed to be weather-resistant under all types of weather conditions and have performed well on Las Olas Blvd for the past 3 years. LUKE has a powder coat finish that is resistant to scratches and chips. Graffiti can be removed from the surface with readily available solvents, which do not impact the pay station's exterior finish.

Preventive maintenance procedures are outlined in detail in our *LUKE Maintenance Guide*, which can be provided to the City upon awarding of the contract.

9. Machine apertures such as, but not limited to, the coin return, receipt dispenser and card reader must be designed and/or shielded to discourage vandalism, insertion of foreign material or other efforts to deliberately jam the unit. Y

All payment options hardware is flush-mounted to the pay station to discourage vandalism. In terms of preventing insertion of foreign materials, complete prevention is impossible. This is because pay station users need to have uninhibited access to payment devices such as the credit card reader. However, DPT has introduced new mechanical features that include a coin slot bezel that will limit the ability to insert foreign materials into the coin slot.

10. Aperture design should prevent damage from the insertion of any type of commercially available pyrotechnic device. Y  N

11. Machines shall not allow any tampering with its internal functions, to prevent any time to be given in any manner, other than the insertion of a valid coin or card. Y

Physical and data security are key aspects of LUKE's design. For physical security, the main access door to the LUKE has a single key access that is covered and not exposed externally. This lock controls six locking points in the access door that connect the door to the main body of the cabinet. There is a second door located in the pedestal that also has a covered lock. This door provides access to the battery and coin bag. The coin bag itself has a completely separate lock.

An optional metal coin canister is also available. It is securely mounted in the upper cabinet. Both coin collection devices have separate locking mechanisms that secure them in the cabinet to prevent maintenance personnel from accessing any of the money stored within them.

For the main cabinet and pedestal door, LUKE uses the Mul-T-Lock high security cylinder locks that have a unique telescopic pin tumbler mechanism with internal and external pins. This design, together with the lock's patented plug, delivers anti-drilling and anti-pick resistance. In addition, each lock's three-in-one cylinder design enables the simple changing of your lock and key combinations.

The data stored on LUKE is also highly secure with all information at each LUKE pay station being stored with 2048-bit RSA encryption and communicated to EMS using 128-bit SSL encryption. Access to system data is also password-protected both at the pay station and the central office computer.

12. When installed, Meters shall meet applicable ADA requirements. All coin and card aperture locations must be compatible with Americans with Disabilities Act (ADA) requirements - the centerline of controls shall be no more than 42 inches (1,065 mm) above the pedestrian access route. Y  N

13. Internal humidity should be controlled utilizing a fan or other proven means. Y  N

13a. What means does your product provide for internal humidity?

LUKE has been extensively tested and is operational in High Humidity environments, including Las Olas Blvd. Additional humidity mitigation is not generally required.

14. The Housing shall have a door alarm sensor set to activate when the front door is opened 1/8" or more.

Y

N

15. Housing includes high security multi-point locking bar. Housing locks shall be high security locks keyed with a proprietary combination developed exclusively for City of Fort Lauderdale Parking & Fleet Services. All locks shall be high security locks with anti-drill protection.

For the main cabinet and pedestal door, LUKE uses the Mul-T-Lock high security cylinder locks that have a unique telescopic pin tumbler mechanism with internal and external pins. This design, together with the lock's patented plug, delivers anti-drilling and anti-pick resistance. In addition, each lock's three-in-one cylinder design enables the simple changing of your lock and key combinations. For example, DPT will provide the City with a specified number of green and yellow keys. The City will use the green key to open the pay station. Should a green key go missing, the City opens the pay station with the yellow key thus rendering the green key obsolete. Similarly, once a red key is used, the yellow key becomes obsolete. This enables the City to "re-key" the locks quickly and efficiently twice.

Y

16. Machine housing should have separate compartments for maintenance and collections. Separate keys shall be available to prevent maintenance personnel from accessing the collection area and vice versa.

Y

**PARTIALLY COMPLIANT**

While the coin bag/coin canister and bill acceptor are in the maintenance areas, maintenance personnel are prohibited from accessing the collection devices through a dual lock mechanism. The coin bag, housed in the LUKE pedestal and optional metal coin canister and bill acceptor, housed in the LUKE cabinet are secured by separate locks. The coin bag/optional coin canister and bill stacker storing the money are secured by a double locking mechanism that includes a key that is used to remove the bag/coin canister and stacker from inside the pay station and separate keys to open the cash storage devices. Maintenance personnel without keys cannot remove the coin bag/coin canister or bill stacker.

17. There shall be no access to the money in the cash box when the upper or lower housing is opened for maintenance or collection.

Y

While the coin bag/coin canister and bill acceptor are in the maintenance areas, maintenance personnel are prohibited from accessing the collection devices through a dual lock mechanism. The coin bag, housed in the LUKE pedestal and optional metal coin canister and bill acceptor, housed in the LUKE cabinet are secured by separate locks. The coin bag/optional coin canister and bill stacker storing the money are secured by a double locking mechanism that includes a key that is used to remove the bag/coin canister

and stacker from inside the pay station and separate keys to open the cash storage devices. Maintenance personnel without keys cannot remove the coin bag/coin canister or bill stacker.

18. The vendor shall supply two (2) bill boxes and (2) coin boxes per unit. Y  N
19. The vendor will supply two (2) sets of access keys for each meter. Y  N

#### **F. REVENUE COLLECTION CANISTERS**

*The following security measures, although not limited to, shall be included with each bill or coin box:*

1. The collection boxes shall have a security locked keyed system separate from the Machine's other compartments. Y

While the coin bag/coin canister and bill acceptor are in the maintenance areas, maintenance personnel are prohibited from accessing the collection devices through a dual lock mechanism. The coin bag, housed in the LUKE pedestal and optional metal coin canister and bill acceptor, housed in the LUKE cabinet are secured by separate locks. The coin bag/optional coin canister and bill stacker storing the money are secured by a double locking mechanism that includes a key that is used to remove the bag/coin canister and stacker from inside the pay station and separate keys to open the cash storage devices. Maintenance personnel without keys cannot remove the coin bag/coin canister or bill stacker.

**PARTIALLY COMPLIANT**

2. The bill boxes shall be protected by a locking system only allowing access to the bills with the correct key. Y  N
3. The coin boxes shall be protected by a locking system only allowing access to the coins with the correct key. Y  N
4. The collection boxes shall have a handle for easy handling. Collection boxes shall be strong, lightweight and manageable. Y
5. A closed coin path shall direct coins to drop into a locked coin box. Y  N
6. The collector shall not have access to the coins in the coin box during the collection process. Y  N
7. The collector shall not have access to the bills in the bill box during the collection process. Y  N

8. Coin box should hold a minimum of \$600 worth of U.S. coins.

Y

The coin bag currently supports approximately 1,200 coins while the optional metal coin canister supports up to 1,800 coins.

9. The bill boxes should have a maximum capacity of at least 1,000 bills.

Y

N

10. Bill boxes must mechanically stack notes when accepted

Y

N

11. The removal of the bill stacker shall trigger the recording of an audit report specific to the bill collection.

Audit reports are manually generated at the pay station when cash is collected. These reports are then automatically communicated to EMS for ongoing online access.

N

12. Give description of available colors and materials used, including Materials Safety Data Sheet (MSDS).

The default colors for the LUKE are light gray on wrinkle bronze (dark gray). A wide range of custom colors is also available upon request. DPT can provide LUKE in almost any color the City may select or will find an alternate color that provides a close match. Please note that custom colors can impact lead times for orders, depending on the colors selected.

For a copy of the Material Safety Data Sheet, please refer to **Appendix D – Powder Coating Material Safety Data Sheet.**

12. Resistance to corrosion.

Y

N

**G. DISPLAY**

1. Respondents describe the capabilities of the display screen used in your pay station.

**COMPLIANT**

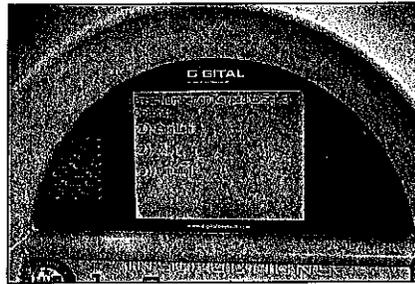
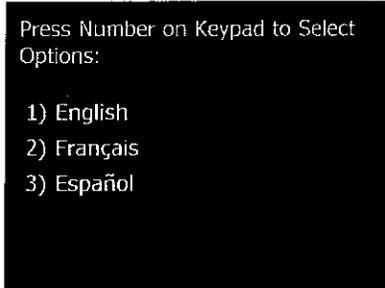
With its full color 640 x 480 resolution screen, LUKE's screen instructions are bright and easy to read in various lighting conditions and view angles. The software also features time of day controls to automatically switch from a blue text/white background mode, which is easier to read in bright lighting conditions, to a white text/blue background mode, which is easier to read in low light conditions. The sleep timer can be enabled in BOSS to determine the duration of the pay station's LCD screen to stay on with full power. The LCD screen also has backlit capabilities to determine when the backlight is activated to save energy.

General introductory and closing graphics for the LCD screen may be programmed into BOSS and communicated to the pay station. The introductory screen may be used to provide messages to assist the public with using the pay station. The City can program how long an introductory graphic appears and whether an Exit Intro Screen On Key-Press operation should be enabled so that the parker can quickly get to the rate selection screen. The introductory graphic may be changed at any time by the City as the graphic is a simple .BMP file loaded onto the pay station.

2. Respondents explain language choices available for display, must include but not limited to English, Spanish and French, and how language(s) are selected.

**COMPLIANT**

The language options displayed on the pay station are programmed in advance in BOSS. The standard menu screens can display up to four languages at any time. English, French, Spanish, German, and Vietnamese character sets as well as simplified Chinese are currently available for all prompts. Additional language character sets will require software development which can be considered if DPT is awarded the contract. For the five language sets currently available, when the parker goes to make a transaction, LUKE will have a list of languages from which they can choose. After that, all of the system prompts will be in that language. The City may also have tickets printed in Spanish or French when these language choices are selected.



3. Pay station displays shall be backlit. Y  N

4. The unit must have a LED screen with high-resolution display, which is easy to read in various lighting conditions including bright sunlight. Y

With its full color 640 x 480 resolution screen, LUKE's screen instructions are bright and easy to read in various lighting conditions and view angles. The software also features time of day controls to automatically switch from a blue text/white background mode, which is easier to read in bright lighting conditions, to a white text/blue background mode, which is easier to read in low light conditions.

5. The screen must be protected by a security cover, vandal resistant, weather proof and corrosion resistant. Y  N

6. The screen should be modular and easily unplugged and replaced with basic tools for easy services. Y  N

7. The display should be able to accommodate custom messages, which can be programmed and transmitted to the meter remotely using back office software. Y

The introductory and closing pay station display messages can accommodate client-specific messages. The introductory message can accommodate optional photos, graphics, and flexible screen formatting.

Almost all prompts on the pay station can be customized using the BOSS software and updated remotely using EMS.

8. Messages should be updateable through the supplied back office software and downloadable to individual or multiple units via two-way communication. Y

Almost all prompts on the pay station can be customized using the BOSS software and updated remotely using EMS.

9. Machine display should include time of day, increments of payment, amount entered and time purchased and an indication the time of day when the amount of time paid for will expire. Y  N

#### H. ELECTRICAL AND ELECTRONIC COMPONENTS

1. The sub-assemblies of the meters shall be modular in construction to provide easy servicing through on-site plug-in replacement of parts. Y  N
2. Respondents shall explain how unit components are protected from moisture, dust, lightning, saltwater, adverse weather, and other factors that might cause an operational failure of a component or the Machine.

All internal components are stored within the LUKE cabinet and pedestal. LUKE has been designed with an internal rain guard and weather stripping to seal against moisture and dust.

To protect against lightning, proper grounding at the grounding terminal is recommended. Correct grounding is enabled by connecting a ground cable to the electrical box or an earth ground. Proper grounding techniques are covered in our *LUKE Installation Guide* and will be performed by the local distributor chosen for implementation. Additional protection for AC implementations will be provided by installing electrical outlets with surge suppressor specifications.

The controller box has 256 MB of non-volatile flash memory and 128 MB of SDRAM volatile memory.

3. All assemblies shall be electronically grounded and compliant with local codes for electrical/electronic equipment. Y
- LUKE is designed to meet UL/CSA requirements.
- Proper grounding techniques are covered in our *LUKE Installation Guide*, to be provided to the City upon awarding of the contract, and will be performed by the local distributor chosen for implementation.

4. All circuit boards and internal components are to be environmentally sealed, highly water-resistant and operate in conditions of over 95% humidity. Y  N
- All assemblies shall be electronically grounded and compliant with local codes for electrical/electronic equipment. Y  N

5. All electronic connection plugs should be physically differentiated and must only fit one way. Y
- All wiring connections are made with phased connectors to ensure ease of identifying connection points and avoid interconnects. In addition, all cabling is labeled to identify the plug. This means it's impossible to plug a connection into anything except the connection point for which it's intended.

#### I. ALARM



**PARTIALLY COMPLIANT**

1. Should have a minimum of 100-decibel local, Vibration/Tilt/Tamper alarm installed, with an alarm to P/C, and automatic alarm paging capabilities. The sensitivity of the alarm must be adjustable and all alarms must be transmitting via the back office software, email and/or automatic phone notification

While the pay station alarm meets the City's minimum decibel requirements, the alarm is preconfigured and cannot be configured otherwise.

2. Respondents may describe other message capabilities that may be available on their product.

### **COMPLIANT**

Each pay station is continually doing self-diagnostics on the pay station operation. If problems occur, proactive alarm notifications are sent to individuals assigned by the City to receive these notifications and each of these alarm notifications has a date and time stamp. These are activities that would trigger an event log/message. Please note that if any of the payment options are not available, the machine will notify the user and will prompt them to pay in other methods.

Alarms that are sent to pagers, cell phones and e-mail include:

- Alarm On
- Low Power Shutdown
- Shock Alarm
- Bill Acceptor Jam
- Bill Acceptor Unable to Stack
- Bill Stacker Full
- Coin Jam
- Battery Voltage Low
- Printer Not Present
- Printer Paper Low
- Printer Lever Disengaged
- Printer Paper Out

The alarms that are sent to the pay station for updating items such as system status, but do not necessarily generate an alarm to a pager, cell phone or e-mail include:

- Coin Acceptor Jam
- Coin Acceptor Jam Cleared
- Coin Acceptor Not Present
- Coin Acceptor Present
- Coin Acceptor Reset
- Bill Stacker Full Cleared
- Bill Acceptor Unable to Stack
- Bill Acceptor Unable to Stack Cleared
- Bill Acceptor Jam
- Bill Acceptor Jam Cleared
- Bill Acceptor Not Present
- Bill Acceptor Present
- Card Reader Not Present
- Card Reader Present
- Printer Not Present
- Printer Present
- Printer Paper Out
- Printer Paper Out Cleared
- Printer Paper Low

- Printer Paper Low Cleared
- Pay Station Low Power Shutdown Off
- Pay Station Low Power Shutdown On
- Pay Station Voltage
- Pay Station Door Opened
- Pay Station Door Closed
- Pay Station Shock On
- Pay Station Upgrade

Machines shall be able to send alarm notifications via wireless for all of the following reasons, within 30 seconds of each occurrence:

3. Cash box status

Y

**PARTIALLY COMPLIANT**

EMS shows the number of coins stored in the coin bag and bills stored in the bill stacker; however, no alarm is provided when the coin or bill levels reach a certain point. This feature is part of the product development roadmap and will be made available on a future release.

If the coin acceptor is not working, an alarm will be sent to maintenance personnel and the screen options will automatically change so that parkers are not given coin payment as an option.

4. Alarms (Vibration/Tilt)

Y

N

5. Attempted theft of Machine

Y

N

6. Machine out of order

Y

**PARTIALLY COMPLIANT**

EMS has a number of alarms it can send out due to pay station problems; however, it is unable to send out an alarm should the controller box or modem fail.

7. Open door

Y

**PARTIALLY COMPLIANT**

Notification of doors being opened is provided using a visual notification on the EMS Web site. EMS will record when a door is open, but it will not proactively send out an EMS alarm in this situation. This feature is being considered for future development.

8. Paper supply low

Y

N

9. Low battery

Y

N

10. Power failure

Y

N

- 11. Card reader out of order Y   
 If the card reader is not working, parkers will not be given credit card payment as an option on the LCD screen. There is currently no alarm sent out for this kind of problem. This alarm is being considered for future software releases. Notification of the card reader not present is provided using a visual notification on the EMS Web site.
- 12. Coin chute jammed Y   
 If the coin acceptor is not working, parkers will not be given coin payment as an option on the LCD screen. There is currently no alarm sent out for this kind of problem. This alarm is being considered for future software releases. Notification of a coin jam is provided using a visual notification on the EMS Web site.
- 13. Machines must have built-in diagnostics software that records and stamps date and time of all operations events (warnings, machine failures, resets, low battery, maintenance functions, etc.) for reports to the communications center. Y  N

**J. BILL ACCEPTOR**

- 1. Machines shall accept any combination of the following denominations of currency: One, two, five, ten and twenty-dollar, as well as newly issued US Currency Y  N
- 2. The bill denomination acceptance shall be programmable. Y  N
- 3. The bill acceptor will be capable of accepting new versions of U.S. bills through simple software updates. Y
- 4. It shall accept bills in any possible direction and be capable of recognizing counterfeit currency. Y  N
- 5. Counterfeiting detections shall be updated as required at no cost to the City Y  N
- 6. Currency accepted by the meter shall be stored in a locked mechanical stacker that is not accessible from the maintenance section of the meter. Y  N
- 7. Machine will transmit to the server via wireless transmittal methods every time collection boxes are removed.

The pay station transmits an Audit Report that is generated during a collection process.

N

The pay station does not currently transmit notification that a collection box has been removed; however, this feature is being actively considered.

- |     |   |                                       |                            |
|-----|---|---------------------------------------|----------------------------|
| 8.  | The bill acceptor shall be easily removed for servicing or replacement.     | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |
| 9.  | It must also transmit all audit information via wireless, as well.          | Y <input checked="" type="checkbox"/> |                            |
| 10. | The acceptor slot should have a plastic cover to prevent weather intrusion. | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |

**K. DEBIT/CREDIT CARD OPERATION**

1. Respondents identify and itemize all supporting equipment to support in-house operation and maintenance of a credit/stored value card system.

**COMPLIANT**

- Credit cards are inserted into LUKE's credit card reader and removed by the parker so that no ingestion of the card takes place and access to the card is always in control of the user. This fact provides a higher level of comfort to parkers considering using their credit cards.
- LUKE's credit/smart card reader is flush-mounted with no part of the reader protruding outside the cabinet.
- LUKE's credit/smart card reader is modular, unplugs easily, and can be replaced in less than two minutes.
- For security purposes, the credit card reader reads Track 1, 2, and 3 of all magnetic stripe cards in order to conform to the ISO 7810 and 7811 Magnetic Stripe Card Standards.
- Credit card information at each LUKE pay station and on the BOSS software is stored with 2048-bit RSA encryption, communicated with 128-bit SSL encryption, and is operator configurable to have only the first two and last four numbers stored. For receipts, LUKE is configurable to display only the last four numbers of the credit card.
- Credit card data is communicated by GSM/GPRS, 802.11b/g or Ethernet communications in an encrypted format to a transaction service provider.
- The service provider does a real-time check on the card, generates an authorization number, and communicates this information back to LUKE. The authorization information is then printed on the ticket.
- The same credit card reader can support magnetic stripe and chip-based smart cards such as the POM Bull Scot 5 and Atmel smart cards and the City Card smart card from Parcxmart.
- Access to credit card transaction data on BOSS and EMS is password-protected. The user access rights and passwords can be established by a system administrator.
- If the credit card reader is jammed, the pay station will continue to accept payment in coins.

*Respondents must provide a card reader system:*

2. That reads and accepts approved magnetic strip credit cards with and without embedded Smart Card chips Y

Please note, POM and Parcxmart are the two currently supported chip-based cards. Other cards are not supported at this time.

3. That accepts the City of Fort Lauderdale Resident Beach Card. Respondents is responsible to ensure system compatibility with current parking card system.

N X

At this time, LUKE does not support the City's Resident Beach Card. DPT can provide an alternate card with the same functionality, but DPT believes it will be very difficult to work with Parkeon to support the Parkeon card. Although technically the equipment can support it, it will require a lot of proprietary information from Parkeon. As DPT is a direct competitor to Parkeon, DPT feels it cannot commit to supporting the card as DPT has no control over Parkeon's assistance in this endeavor.

LUKE has the ability to work with custom cards as an alternative to the City's Parking Services resident beach card, **providing exactly the same functionality.**

LUKE can also work with generic ID custom cards where the card number is included in the card's Track 2 data. With generic ID cards, parkers can get a parking receipt for a single pre-established rate. This enables parkers to get parking without paying cash at the machine.

For smart cards, the pay station currently supports the Bull Scot 5 and Atmel smart cards by POM as well as the City Card smart card from Parcxmart. The POM card may be used at the pay station and purchase values are then deducted from it. The pay station can also be used as a smart card reload station for the POM smart cards.

- |    |   |            |               |
|----|---|------------|---------------|
| 4. | That accepts the Parcxmart Card   | Y <u>✓</u> | N <u>    </u> |
| 5. | Credit card transaction data shall be authorized, real-time and sent to a remote server for processing as per City of Fort Lauderdale Parking & Fleet Services established communications media.  | Y <u>✓</u> | N <u>    </u> |
| 6. | If operating in Off-line mode, transactions may be considered based on software capabilities to set purchase limits.  | Y <u>✓</u> | N <u>    </u> |
| 7. | Respondent shall also identify the ability to prepare and load lists of credit cards that the machine will not accept " <b>Black Lists</b> " via City of Fort Lauderdale Parking & Fleet Services established communications for use when the machine communications are off-line and the credit card transactions are being stored for later processing. | Y <u>✓</u> |               |

Bad cards are rejected in real-time. If the communications system is down for some reason, transactions are stored locally and then automatically forwarded when communications resume. If communications are down for an extended period of time, they may be manually downloaded from each LUKE pay station and then manually imported into BOSS so that offline credit card processing can take place. Any bad cards identified at that time are tracked in EMS and may then be downloaded back onto the BOSS Data Key. These bad cards will then be updated onto each pay station during the next manual download of a transaction. At this stage, if the bad card is used again and the communications system is down for some reason, the card will be checked against the bad card list stored locally and then rejected.

EMS also provides the ability to manually create a list of known bad cards that cannot be used at the pay station.

8. Respondents must provide the number of cards that can be "black listed", and number of cards Machine can store in memory.

# of cards that can be "Blacklisted" – 16,000

# of cards that can be stored in memory – 16,000

**L. CREDIT AND SMART CARD READER**

1. If the card slot is jammed (inoperable), the machine should still accept coins/bills-forms of payment.
2. Unit card readers shall be equipped with SAM's capable of accepting multiple smart card schemes, such as MasterCard and Visa.

Y  N

Y

Current Visa and MasterCard products do not require using SAM technology.

Chip-based Visa and MasterCard payments are not currently supported at the pay station.

3. These programs will include the concept of cooperative use of cards among pay stations, and single space meters in City of Fort Lauderdale.

Y

In the case where the meters accept either POM (Bull Scot 5 or Atmel-based) or Parcsmart cards.

**M. COIN ACCEPTOR**

1. The coin acceptor shall be electronically operated and shall register no less than 98 % of valid coins.
2. Coin registration shall be locally programmable by City of Fort Lauderdale Parking & Fleet Services personnel.
3. As each coin is inserted and passes through the coin acceptor, its value and time purchased is registered on the display. The machine shall then record the transaction and secure all coins in a locked coin compartment constructed of a rigid material and located in an area separate from the mechanical components of the meter.

Y  N

Y  N

Y

**PARTIALLY COMPLIANT**

While the coin bag and optional metal coin canister are in the maintenance areas, maintenance personnel are prohibited from accessing the collection devices through a dual lock mechanism. The coin bag, housed in the LUKE pedestal and optional coin canister, housed in the LUKE cabinet are secured by separate locks. The coin bag and coin canister are secured by a double locking mechanism that includes a key that is used to remove them from inside the pay station and separate keys to open them. Maintenance personnel without keys cannot remove the coin storage devices.

4. Coin recognition shall include nickels, dimes, quarters, and dollar coins.

Y  N

5. Rejected coins, foreign coins, slugs shall be immediately returned via the coin return outlet. Y  N
6. There shall be a prompt means to clear bent coins and counterfeit material that may jam the coin acceptor. Y  N
7. Coin acceptor must have an anti-pull back mechanical feature in coin chute. Y  N
- Machines shall contain:*
8. An automatic coin shutter, which will open for coin insertion, but not for plastic, wood, cloth, and all non-metal objects. The coin slot shall have means to prevent insertion of foreign objects. N
- DPT may supply an alternate non-shutter coin bezel, which can provide resistance to the threats identified.
9. The coin mechanism should be able to reject foreign coins and slugs. Y  N
- Machines shall be able to accept at least 4 different user defined coins through software parameter change only. Y  N
10. Machines shall have a built-in feature that prevents coin and debit card transactions used for testing purposes from registering in the total revenue register. N
- LUKE does not currently have a built-in feature that prevents these payment methods being used for test purposes or prevents them from being recorded on the total revenue register.
11. All coins shall be accepted through a single slot. Y  N
12. Removal, replacement, or repair of the coin slot should take less than two minutes. The coin slot must meet all ADA requirements. Y  N
13. If the coin slot is jammed (inoperable), the machine should still accept bills, credit or smart card forms of payment. Y  N

**N. PRINTER AND RECEIPT PAPER**

1. Meters must utilize thermal or non-thermal printers (no ribbons) with limited moving parts and with immediate access for cleaning the paper path. Y  N
- 
2. The printer shall be easily removed for servicing. Y  N
3. Printer intensity should be adjustable. N
4. The printer shall be non-proprietary and available at the City's discretion from an independent source. Y

Although the printer is of non-proprietary nature, the City is discouraged from alternate sourcing it as it will void the warranty on the pay station.

5. Respondents must provide specifications of receipt paper

Y

Available upon request. However, use of non-DPT supplied paper will void the printer warranty.

6. Receipt paper shall be a continuous single roll or stack of direct paper.

Y

7. Receipts shall print within ten seconds and shall have a high degree of quality and legibility. They must remain legible after remaining inside a vehicle in direct sunlight and heat for 24 hours.

Y

N

8. Respondents state the approximate number of customer transactions per roll or stack of receipt paper.

The printer currently has an average capacity of 2,200 receipts in Pay-and-Display operation and 2,900 receipts in Pay-by-Space operation before refilling. DPT is also testing larger paper rolls that could accommodate a higher number of tickets in the future.

9. Receipts shall be available with custom printing/graphics as designated by the City.

Y

N

10. Receipts shall display "RESIDENT" along with the card number when the City of Fort Lauderdale Resident Beach Cards is used

Y

If DPT's version of resident card is used (see above for discussion).

**O. TRANSACTION STORAGE AND PROCESSING**

1. All transactions shall be stored in a password protected secure database file format with authorized user import/export capability. The database must be either SQL server or Oracle.

Y

**PARTIALLY COMPLIANT**

Each LUKE pay station Service Menu, the BOSS software and EMS online Web portal have password protection that is set up and controlled by the City assigned Administrator. However, the database does not allow for user import/export capabilities. BOSS supports MySQL.

Transaction data can be accessed through EMS, Data can also be exported through CSV files. Transaction data can not be imported as per PCI regulations.

2. With a minimum of 128 encryption, respondents shall state any methods of encryption or other security measures taken to meet the minimum of 128 encryption.

**COMPLIANT**

All data stored on the pay station and software is encrypted with 2048-bit RSA encryption. All data transferred between the pay station, EMS Server, and the processor's server is done using 128-bit SSL. Additionally, any encryption schemes in place by the Internet Service Provider (via Wi-Fi, CDMA, or

GSM/GPRS technologies) further encrypt the data transmission.

3. Transactions shall be tracked and identified via sequentially numbered series. Y  N
4. Transactions, diagnostic data and security access exceptions shall be stored in separate and protected memory areas in nonvolatile memory. This data shall not be manipulated with system software. Y  N
5. System power loss shall not cause the loss of transaction history. Y  N
6. Respondents shall state the average number of transactions capable of being held in memory before overrun occurs. Y  N

Each pay station is capable of securely storing data for a minimum of 10,000 credit, debit, and smart card transactions.

7. Transaction history shall include individual, hourly, daily and monthly transactional history reports. Y  N
8. Provide the ability to automate the transfer of meter revenue data to an external system. Create a CSV file of revenue data, summarized by meter #, collection date and currency type (coins, bills, credit card, smart card, pay-by-phone, etc.). Y  N
9. The system shall utilize a minimum of three transaction-processing modes, on-line, networked, and off-line. Y  N
10. All transactions reports with the Resident Beach Card shall include the card number. Y  N

Provided DPT's version of the card is used (please see discussions above).

**P. REAL-TIME CLOCK**

1. The meters shall automatically adjust for daylight savings time according to Eastern Standard Time as of 2009. Y  N
2. The meters shall be equipped with a programmable time of day clock that is accurate to 30 seconds per month. Y  N
- The clock shall operate continuously and shall also track the year, month, day, and day of the week. Y  N
4. The clock will remain operational during battery changes and power losses. Y  N

**Q. POWER MANAGEMENT**

- 1. Respondents shall state the following:
  - Meters primarily run on solar power and solar power is used to charge the battery.
  - Meters run primarily on solar power and the battery is the backup power source.
  - The solar powered machine must have the capability to complete at least two hundred (200) transactions per day without requirement to recharge the battery.

**COMPLIANT**

LUKE is powered by 2 x 12V 35Ah sealed gel-cell battery that can be trickle charged using a solar power panel.

The length of time the battery remains operational is dependant on the number of daily transactions and direct sunlight provided in solar operations. In non-solar installations, LUKE will perform 100 transactions a day for six days on backup alone in a two-battery configuration. On-street daily transactions are typically lower, thereby enabling operations beyond one week.

- 2. Respondents shall state battery configuration (type, size, voltage, location and number), normal battery field life and expected transactions when running on battery only.

The length of time the battery remains operational is dependent on the number of daily transactions and direct sunlight provided in solar operations. In non-solar installations, LUKE will perform 80 transactions a day for 14 days on backup alone in a two-battery configuration. On-street daily transactions are typically lower, thereby enabling operations beyond one week.

**TYPE:** Sealed gel-cell battery

**SIZE:** 178 mm x 198 mm x 130 mm

**VOLTAGE:** 12V 35Ah

**LOCATION:** Inside the LUKE pedestal

**NUMBER:** In an AC configuration, LUKE requires one battery. In solar configuration, LUKE supports two batteries.

Y

**R. REPORTS**

- |   |   |                                       |                                       |
|---|---|---------------------------------------|---------------------------------------|
| 1 | Desktop reports shall be available to system managers by form fill queries or simple queries.   | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |
| 2 | The reports software should provide report capability on all information gathered.<br><i>Report properties should be user definable. They should contain the following:</i> | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |
| 3 | Cumulative totals of all cash and card transactions   | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |
| 4 | Type, date, time and type of all alarms   | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |
| 5 | Date and time of all maintenance transactions   | Y <input type="checkbox"/>            | N <input checked="" type="checkbox"/> |
|   | Maintenance logging is not currently available at the pay station, but plans are in place to release this capability in the future.   |                                       |                                       |
| 6 | Maintenance activity by location number   | Y <input type="checkbox"/>            | N <input checked="" type="checkbox"/> |

- Maintenance activities are not currently logged at the pay station, but are being considered for a future release.
7. Maintenance activity and operational status Y
- A report allows operators to see the operational status by pay station. The operational status of each pay station can also be viewed in EMS.
- Maintenance activities are not currently logged at the pay station, but are being considered for a future release.
8. Maintenance activity by type Y  N
- Maintenance activities are not currently logged at the pay station, but are being considered for a future release.
9. Date and time of collection Y  N
10. Machine identification Y  N
11. Machine location Y  N
12. Sequential collection number Y  N
13. Total amount of money in the collection Y  N
14. Total card usage Y  N
15. Total cash in bill container (real-time) Y  N
16. Total cash in coin container (real-time) Y  N
17. Revenue by location number Y  N
18. Revenue by collection area Y  N
19. Revenue by maintenance route Y  N
20. Total number of tickets issued Y  N
21. Total number, value, and type (credit card and/or stored value card) of card transactions. Y  N
22. User log on history and activities Y  N
23. Exception report for units not repaired Y  N

As part of DPT's product roadmap, a feature plan has been made to add extensive maintenance logging and reporting for pay station activities. Part of this plan includes an exception report for meters not repaired. A release date is currently not in place for the addition of this feature.

24. Operational status by unit Y  N
25. Daily collection report with location numbers and audit Y  N

27. Exception report for units not collected

Y

N

28 Provide the ability to automate the transfer of meter revenue data to an external system. Create a CSV file of revenue data, summarized by meter #, collection date and currency type (coins, bills, credit card, smart card, pay by cell, etc.).

Y

N

### **S. COMMUNICATION/SYSTEM MANAGEMENT SOFTWARE (WIRELESS)**

1. Respondents must describe, in detail, all of the equipment they propose to use and the security measures employed to protect data access and integrity.

The LUKE pay station can provide remote communications capabilities through the following technologies:

- Direct Ethernet connection
- GSM/GPRS cellular
- CDMA cellular
- 802.11b/g wireless
- MetroMesh Wi-Fi (for example, Tropos Networks or Strix Systems)

If GSM/GPRS is selected as the preferred network, the pay station may be updated at a later date with Wi-Fi technology. The upgrade process involves the installation of a Wi-Fi modem, cabling, and bracket. Only software configuration changes are required as the standard software supports both GSM/GPRS and Wi-Fi.

In reviewing alternative proposals, DPT would highly recommend the City ensures all vendors have proven field integrations with a broad range of network providers.

DPT has installations that may be referenced to support the pay stations' ability to work with all of these network configurations.

Credit card information at each LUKE pay station and on the BOSS software is stored with 2048-bit RSA encryption and communicated with 128-bit SSL encryption, and is operator-configurable to have only the first two and last four numbers stored. For receipts, LUKE is configurable to display only the last four numbers of the credit card. Additionally, any encryption schemes in place by the Internet Service Provider (via Wi-Fi, CDMA, or GSM/GPRS technologies) further encrypt the data transmission.

DPT's products contain public and private keys, which protect and encrypt stored data. Secure password features have been enabled; complex passwords are now enforced.

Cardholder data cannot be stored on a server connected to the Internet, that is, clients cannot host public Web servers or Web applications on the same networks.

2. Respondents shall explain, in detail, how their wireless two-way communication system works, including technical (components, frequency, etc) and practical (On line, real time status) elements and identify all costs per multi-space meter to the City.

Using LUKE's EMS remote management system, LUKE will "push" information out through these remote connections rather than require operators to "pull" information by dialing up each pay station. As a result, each transaction is sent from LUKE as soon as it is completed, which means up-to-the-second reporting rather than historical data only. All of this information can be found through a password-protected Internet portal containing up-to-date status information on every pay station in the field. This means that City personnel with password access can obtain information about the status of their equipment from any Internet-enabled computer in the world.

In addition, through the remote communications infrastructure, LUKE has the option to do real-time credit card processing with direct deposit into the City's bank accounts when LUKE's EMS remote management system is put in place. This capability would eliminate any credit card fraud and potential revenue losses. LUKE's transaction time for

Internet credit card processing is approximately five seconds.

With the remote communications option, the LUKE pay station also has the ability to send out a number of proactive alarms to pagers, mobile phones and e-mail

The cost to the City will be \$30/pay station/month.

3. Respondents shall explain average time of repair and audit transactions, under normal operating conditions, for both wireless, two-way and hand held communication.

For credit card transactions, if real-time credit card processing is enabled, credit cards will be processed as the transactions are occurring and will be deposited in the bank by the transaction processing company. All real-time transaction data will also be available online through EMS.

4. Wireless two-way communication must be operable in the City's garages Y
5. Machines shall be capable of wireless two-way communication to a remote communication center to transmit financial and activity reports and unit status. Y  N
6. The clearinghouse system must conform to International Standards Organization (ISO) standards for authorization messages. Y  N
7. Access to City of Fort Lauderdale Parking Services data shall be secured, at a minimum, by password protection and shall include multi-level access control. Y
8. The software must supply reports for revenue, maintenance, and/or space usage. Y

Information that must be transmitted includes, but is not limited to:

9. Cash box status (lower limit warning when coins reach a programmable amount and an upper limit warning when the Machine shuts down) Y

**PARTIALLY COMPLIANT**

EMS shows the number of coins stored in the coin bag and bills stored in the bill stacker; however, no alarm is provided when the coin or bill levels reach a certain point. This feature is part of the product development roadmap and may be made available in a future release.

If the coin acceptor is not working, an alarm will be sent to maintenance personnel and the screen options will automatically change so that parkers are not given coin payment as an option.

10. Alarms (attempted theft of Machines, Machine out of order, door open, out of paper, etc.) Y
11. Management data consisting of purchase of time (occupancy), time bought intervals (duration), type of transactions (coin and card with amounts paid) etc. Y

**PARTIALLY COMPLIANT**

DPT is in the process of developing a rate report in EMS that will allow EMS to receive and store rate name information from the pay station such as time bought intervals. The pay station does communicate information on occupancy, types of transactions, and expiry time.

Machines shall:

- |   |   |                                       |                                       |
|---|---|---------------------------------------|---------------------------------------|
| 12.   | It shall record and store the number of valid coin, bill and card transactions and shall be accurate to 98% of actual deposits. | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |
| 13.   | Transmit data to remote communication center cash box status management data (occupancy, duration, etc.)                        | Y <input checked="" type="checkbox"/> |                                       |
| 14.   | Make multiple attempts if reception of the transmission is not confirmed by the communications center                           | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |
| The communication center shall:                                   |   |                                       |                                       |
| 15.   | Make multiple attempts if card payment does not clear   | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |
| 16.   | Transmit expired/invalid card lists to units via two-way communication  | Y <input type="checkbox"/>            | N <input checked="" type="checkbox"/> |
| If the pay stations are online, an expired list is not necessary. |   |                                       |                                       |
| 17.   | The software will facilitate the management of communications, rates, maintenance, collections and audit functions.             | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |
| 18.   | Group units for common messaging  | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |
|   | - assign Machines to predetermined groupings  | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |
|   | - parades and other community events  | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |

**T. SYSTEM MANAGEMENT SOFTWARE**

1. State all Methods of Encryption and other software security features.

**COMPLIANT**

All data stored on the pay station and software is encrypted with 2048-bit RSA encryption. All data transferred between the pay station, EMS Server, and the processor's server is done using 128-bit SSL. Additionally, any encryption schemes in place by the Internet Service Provider (via Wi-Fi, CDMA, or GSM/GPRS technologies) further encrypt the data transmission.

- |    |  |                                       |                            |
|----|--|---------------------------------------|----------------------------|
| 2. | All credit card reports, from the back office software, should balance to the clearing house transaction reports daily   | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |
| 3. | Machines are fully programmable. Field programming is to be accomplished by City of Fort Lauderdale Parking Services Department staff, using any of the following for all parameter changes: |                                       |                            |

- Wireless two way transmission

Y

- Hand held, and laptop using Infrared, RF, or Bluetooth protocol

Y

A laptop or handheld device is not required to update the pay station. All pay stations connected to EMS are updated remotely using 2 way communications (wireless or wired) the through BOSS/EMS software or by using a simple USB key (BOSS Data Key) with all configuration changes downloaded from the BOSS computer

**PARTIALLY COMPLIANT**

- |     |   |                                       |                            |
|-----|---|---------------------------------------|----------------------------|
| 4.  | The System management software shall be configurable in a single-station and/or networked fashion.  | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |
| 5.  | It should be intuitive, convenient, and easy to use.  | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |
| 6.  | Data stored in the software package shall be designed to allow for the easy import and export of all necessary data to fully integrate the system into other data base systems.   | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |
| 7.  | These and all features of the software must be password controlled with access levels assigned by City of Fort Lauderdale Parking Services designated System Administrator.   | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |
|     | <b>The System Host/Desktop Management Software should:</b>  |                                       |                            |
| 8.  | Allow user to select options at the end of a rate period to include: allow/not allow purchase of time exceeding the shift/rate maximum, allow/not allow purchase of time elapsed at the end of a rate/shift period, allow/not allow user to purchase time through a specified shift down time at no charge, allow/not allow purchase of time through a closed day at no charge.   | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |
| 9.  | Allow the user to select the rate for each individual day and have the ability to designate a day closed, or "free parking" day.  | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |
| 10. | Allow user to configure a secondary daily rate structure to be activated by a specified day.  | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |
| 11. | Allow time to be purchased at a minimum of 15-minute blocks or by the minute.   | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |
| 12. | Include at least 6 rate tables for editing.   | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |
| 13. | Include a minimum of 3 shifts per rate table.   | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |
| 14. | Rate tables allow user to select from the following options; select the time of day that each individual shift will begin, set the maximum amount of money that will be accepted in a given shift, set the expire time of a given shift, allow the purchase of multiple days, allow multiple day purchases to be either 24 hours from purchase date or 24 hours from expired time of a shift, allow for a period of time during a shift that the system will shut down, able to set a per minute rate, able to select the number of 15 minute | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |

blocks per hour and the rate to be charged for the 15 minute blocks, and is able to automatically print a receipt. The rate table must be capable of being adjusted remotely using the back office software.

- |     |  |                                       |                                       |
|-----|--|---------------------------------------|---------------------------------------|
| 15. | Allow rates to be edited by the hour.  | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |
| 16. | Allow a minimum time purchase to be set.   | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |
| 17. | Configure length of time the audible alarm will sound.   | Y <input type="checkbox"/>            | N <input checked="" type="checkbox"/> |
|     | The pay station audible alarm is preconfigured to sound for 30 seconds and cannot be configured otherwise. If this feature is deemed a necessary requirement by the City, DPT will consider adding it to its product development roadmap for availability in future software releases. |                                       |                                       |
| 18. | Set the start of a day.  | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |
| 19. | Allows for an option to print/not print receipts.  | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |
| 20. | Set a maximum number of tickets to be sold in a day.   | Y <input type="checkbox"/>            | N <input checked="" type="checkbox"/> |
| 21. | Set an amount that no bills above that amount will be accepted.  | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |
| 22. | Set the maximum amount of money that will be accepted.   | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |
| 23. | Select what to do during a printer error.  | Y <input type="checkbox"/>            | N <input checked="" type="checkbox"/> |
| 24. | Set/modify credit card parameters to include: Enable/not enable credit cards, accept/not accept American Express, MasterCard and Visa, accept/not accept a credit card when off-line, set minimum/maximum credit amounts and set a default amount.                                     | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |
| 25. | Accommodate a minimum of 50 spaces per machine.  | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |
| 26. | Vary rates by stall range.   | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |
| 27. | Set an expiration window to show expired/going to expire stalls, on enforcement reports.   | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |

Upon the enforcement officer prompting the pay station, LUKE will print a report showing either valid or expired spaces for any range of spaces that is requested regardless of the payment method. It will show all the spaces currently expired or going to expire; however, the City will not be able to enter a time expiration window.

**PARTIALLY COMPLIANT**

- |     |  |                                       |                            |
|-----|--|---------------------------------------|----------------------------|
| 28. | Set an enforcement access code.                              | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |
| 29. | Set an inactivity time-out for the backlight/overhead light. | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |

- |     |  |                                       |                                       |
|-----|--|---------------------------------------|---------------------------------------|
| 30. | Modify the printed receipts.   | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |
| 31. | Set an "out of service" phone number.  | Y <input type="checkbox"/>            | N <input checked="" type="checkbox"/> |
| 32. | Preset charge for special rates, which can be remotely updated by using the back office software.  | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |
| 33. | Does not allow for user manipulation of audit historical data without an audit trail of manipulation.  | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |
| 34. | All remote programming must be allowed using standard communication protocol.  | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |
| 35. | Machines must have built-in diagnostic software that records dates and "time stamps" all operations events (unit failures, resets, low battery, etc) for reports to the command center.  | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |
| 36. | Upon cycling through the diagnostic mode, Machines shall be able to update the display status; display appropriate messages, and send diagnostic reports to the communication center.  | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |
| 37. | Self-diagnostic mode should be interrupted if a higher priority task is queued (a customer at the unit paying for parking has the highest priority). Self-diagnostic results can optionally be sent to the communication center.   | Y <input checked="" type="checkbox"/> |                                       |
| 38. | The system will report the status of each machine to a central server indicating status and alarm conditions (maintenance needs and out-of-order conditions). The communications system shall also provide real-time notification of collections, maintenance, alarms, revenues, and individual patron transactions to the City of Fort Lauderdale Parking Services. |                                       |                                       |
|     | Pay station alarms for collections are currently not available, but reports may be viewed online in real-time to determine how many coins and bills reside in the pay station. Plans are in place to release alarm notification on collections in the future   | Y <input checked="" type="checkbox"/> |                                       |
| 39. | City of Fort Lauderdale Parking Services shall be able to modify rates and hours of operation via the communication software and upload this new configuration to individual meters or any combination of networked meters.  | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/>            |

**PARTIALLY COMPLIANT**

**The system communications software should:**

- |     |   |                                       |
|-----|---|---------------------------------------|
| 42. | Be PCI compliant for transmission of Credit Card data and password protected. | Y <input checked="" type="checkbox"/> |
|-----|---|---------------------------------------|

All processes used by DPT equipment to authorize credit card data are designed to follow the latest practices as specified by the PCI Data Security Standard. Both equipment and company services have been audited by a third-party to ensure these practices have been met. DPT first received official compliance as a Level I Service Provider in April 2007 after completing an audit by a qualified security assessor (QSA). DPT completed its third annual audit in May 2009. DPT's products received official validation under PCI's Payment Application Data Security Standard (PA-DSS) in December 2007 and its latest major

software release was validated in May 2009. Confirmation of DPT's status may be found by reviewing the lists of Compliant Service Providers and Validated Payment Applications on Visa's Web site at <http://www.visa.com/cisp>.

- |     |   |                                       |                            |
|-----|---|---------------------------------------|----------------------------|
| 43. | Communications software includes the following options, dial modem, hang-up modem, and wait for call, receive/send audit commands and lot functions.                    | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |
| 44. | Accesses to vital communications areas are password protected.  | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |
| 45. | All system phone numbers are held in a phone directory for ease of accessing phone numbers.   | Y <input checked="" type="checkbox"/> |                            |
| 46. | Has the ability to hang up the modem via the communications software.   | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |
| 47. | Able to set software to a wait incoming calls from a remote site.   | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |
| 48. | Able to process all transactions, and backup, exception log, diagnostics.   | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |
| 49. | Records security information to include: - Door open/door closed, "Cash container in", "cash container out". Date, time and machine number is recorded with each entry. | Y <input checked="" type="checkbox"/> |                            |

**PARTIALLY COMPLIANT**

There is no automatic notification of cash box removal. This notification is tracked by the time and date of an online audit report that is manually printed at the pay station during a coin collection.

- |     |   |                                       |                            |
|-----|---|---------------------------------------|----------------------------|
| 50. | Maintain a log of all transactional events. The log information includes: Individual purchases, receipt numbers generated, power outages, system restarts.  | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |
| 51. | Communications software is able to receive processor configuration tables.  | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |
| 52. | Communications software is able to set and send configuration tables and diagnostic levels.   | Y <input checked="" type="checkbox"/> |                            |
| 53. | Communications software is able to send a bad credit card file to update credit cards that are to be rejected.  | <del>N/A</del>                        |                            |
| 54. | Communications software is able to set the date and time.   | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |
| 55. | Communications software is able to add time to a selected stall. Can not be done through EMS/BOSS software, but can be performed by the parking public using any pay station or through optional pay-by-phone functionality | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |
| 56. | Communications software is able to check the status of a selected stall.  | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |
| 57. | Communications software is able to view network status and indicate which terminals are currently on-line or off-line.  | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |

58. Communications software is able to remotely monitor the following areas, status, cash box, audit, power, and version. Y  N
59. Communications software is able to view the current audit totals and current grand totals to include: cash, credit, cash card and overpayment. Y  N
60. Communications software is able to view the current status of the following items: Y
- a. Bill Acceptor: "disabled", "jammed"/ "not jammed"
  - b. Bill Stacker: "full"/ "not full"
  - c. Coin Acceptor: "enabled"/"disabled" and "jammed"/"not jammed"
  - d. Card Reader: "present"/:"not present"
  - e. Cash Container: "installed"/"not installed"
  - f. Door: "open"/"closed" (maintenance and Collection)
  - g. Lock: "open"/"closed" " (maintenance and Collection)
  - h. Power status
  - i. Alarms
61. Communications software is able to alert users to alarms via email, and back office software. Y  N

**U. PRICE LIST/COMPONENTS**

1. Respondents shall provide to the City of Fort Lauderdale Parking Services a schedule of individual component pricing, including a pricing discount on all maintenance and repair materials, parts and supplies, and a residual value on modular components returned for repair or remanufacture. This pricing is for all additional parts and components for future repairs, etc.– not components required for initial product offered, and is to be submitted for informational purposes on – will not be factored into award criteria cost considerations.

Please see pricing sheet in Appendix G.

2. Respondents shall supply pricing for the purchase a single meter to include all parts Y  N
- Respondents shall provide availability and pricing for additional parts and components 3 years after the end of the warranty period. Y  N
3. Machines shall have internal components designed as interchangeable modular parts. Y  N

4. Respondents shall explain what tools, if any, are needed to replace modular components.

All internal devices are modular and are constructed to provide easy servicing either by hand or with a few tools. The only tools utilized to remove components are a Philips #2 screwdriver, flat-head #3 screwdriver and a nut driver #8.

5. All replacement components shall be readily available from a local distributor. In the event that the local distributor is temporarily out of any component, additional components shall be available within twenty-four (24) hours. Y

DPT maintains an inventory of spare parts for units covered under our direct warranty coverage. As stated in our warranty contract, these parts are delivered from our head office within 48 business hours of receiving notification of the need. If DPT works with a local distributor in the area, these distributors are required to maintain their own inventory of spare parts to support installation base in the area. Delivery times for distributors vary depending on their capabilities and the location of the clients they serve.

6. a. Estimate costs to design, install, support and maintain a wireless infrastructure, if appropriate.

The wireless infrastructure will be supplied by either T-Mobile or Verizon.

Y

N

- b. Identify who will provide local support of the wireless infrastructure. What is the longest time to recover from network or hardware damage due to severe weather?

The wireless provider and the local distributor will provide the support for the wireless network.

#### **V. MAINTENANCE**

1. Machines shall be constructed so that individual components can be easily removed and sub-assemblies be changed without major dismantling.

Y

N

2. Respondent shall provide training on the procedures of changing and replacing of sub-assemblies.

Y

N

3. Describe procedures of changing and replacing of sub-assemblies. Training that your company will provide at no additional charge:

All internal devices are modular and are constructed to provide easy servicing. The only tools utilized to remove components are a Philips #2 screwdriver, Flat Head #3 screwdriver, and a nut driver #8.

DPT will provide training on the LUKE pay station and all DPT products. The maintenance people who should attend are listed below:

*Hardware review – attended by all maintenance personnel:*

- Keys and locks
- Keypad
- Coin acceptor
- Powering
- Remote connectivity
- Printer
- Entering the Service Menu
- Reports at the station
- BOSS Data Key
- Operations
- Loading new rates
- Obtaining transaction data
- Maintenance
- Changing paper
- Cleaning printer

*Collections review – attended by all collections personnel:*

- Collecting money
- Entering service mode
- Audit report generation

*Enforcement review – attended by all enforcement personnel:*

- Entering service mode
- Generating and reviewing Pay-by-Space reports

4. **Provide electronic copies of recommended maintenance procedures and supplies** Y  N
5. Respondent shall provide full training of software application and usage to City of Fort Lauderdale Parking Services maintenance staff. Y  N
6. Modules shall be replaced with minimum use of tools. Y  N
7. Describe software application and usage training that your company will provide at no additional charge:

DPT will provide software training to be attended by any pay station administrators responsible for creating pay station configurations and rates as well as processing credit card payments and generating accounting reports:

**BOSS and EMS Software Overview**

*Software installation:*

- Installing software
- Backing up data

*Software overview and configuration setup:*

- Review BOSS menu structure
- Setup of user permissions
- Setup of global settings
- Create basic lot setting
- LCD screen messages
- Header and footer messages
- Pay-and-Display, Pay-by-Space
- Payment options
- Machine setup

*Rate tables:*

- Rate table configurations
- Fixed rate
- Hourly rate
- Daily rate
- Add time functionality

*Accounting on reporting:*

- Reporting
- Transaction reports

*EMS:*

- Accessing the application
- Setting up users and notifications
- Reviewing EMS features

8. City personnel will perform all routine and daily maintenance on these machines. All product pricing will be based on that requirement. Y  N

### **W. DELIVERY AND INSTALLATION**

1. Packaging and shipment shall be the responsibility of the manufacturer. Y  N

Proposals shall include freight and be FOB destination.

In the event that the delivery and/or installation of units are not completed according to City of Fort Lauderdale Parking Services specifications – and agreed upon schedule, City of Fort Lauderdale Parking Services will impose liquidated damages in the amount of Five Hundred dollars (\$500) per unit per day.

These charges are intended to act as an incentive for the Contractor to perform in full compliance with the specifications. Acknowledgment and agreement is given by both parties that the amount herein above set is not intended to be, nor shall be deemed to be, in the nature of a penalty.

2. Delivery shall be made to a designated address, as designated by the City within sixty (60) calendar days following execution of the contract. The delivery dates for the three phases of installation may not be simultaneous. Y  N

3. The successful Respondent shall complete installation within fifteen (15) days following delivery of the units or as specified by the City of Fort Lauderdale Parking Services. Y  N

4. Respondents shall include a description of any pre-installation and/or installation work to be completed by City of Fort Lauderdale Parking Services.

Pads for the pay stations will need to be poured by the City. DPT can have the pads poured for an additional charge of \$400/pad.

### **X. SYSTEM IMPLEMENTATION**

1. The system shall include all hardware and software required for communicating with, programming or monitoring any of the supplied units. It is the Respondent's responsibility to incorporate all of the above and to establish the communications between the units and the communications center. Y  N

2. The wireless two-way communication system may be provided directly by the vendor or in partnership with a wireless system vendor. Respondents shall explain how the entire system will be deployed and who is responsible for maintaining the various components.

The LUKE pay station can be enabled with real-time two-way communications using a number of different wired and wireless technologies—direct Ethernet connection, GSM/GPRS, CDMA, 802.11 b/g wireless, and MetroMesh Wi-Fi (for example, Tropos Networks or Strix Systems). If GSM/GPRS is selected as the preferred network, the pay station may be updated at a later date with Wi-Fi technology. The upgrade process involves the installation of a Wi-Fi modem, cabling, and bracket. Only software configuration changes are required as the standard software supports both GSM/GPRS and Wi-Fi.

The wireless provider (commercially available such as T-Mobile) will be responsible for providing maintenance of the wireless network.

## **Y. TRAINING**

The successful Respondent shall provide, at no additional charge, a minimum of eighty (80) hours of training at a designated City of Fort Lauderdale Parking Services facility for each City employee to develop expertise in the maintenance and repair of their product, including, but not limited to:

1. Installation
2. Maintenance
3. Troubleshooting repairs
4. operations-programming, inventory
5. Collections



2. Respondents shall provide a thorough outline of the training content and provide a training schedule for both software and hardware. The schedule shall include periodic refresher training (continuing education) including, but not limited to, emphasis on particular areas of the City of Fort Lauderdale Parking & Fleet Services' choice and upgrades of software and/or hardware. All operating manuals that support installation, maintenance and user information complete with wiring diagrams and specifications shall be in English.

This must be provided at no additional charge.

The specific training schedule will be determined by the number of people and functional areas involved in the overall management of the parking operations. The general outline of the training activities includes:

### **Installation**

- Finalize pay station site selection and Pay-by-Space numbering sequence
- Test wireless or cellular coverage at site locations
- Rate table decisions – important to determine before signage completed
- Signage preparation
- Finalize communications methods and costs
- Obtain quotes on AC power installation and book dates
- Credit card merchant account processor setup
- Pay-by-Space numbers painted on all spots – every space must have a unique number when considering all lots under use
- Documenting employee procedures for operating
- Cellular account set up
- Site preparation for installation – concrete pads, conduit
- Pay stations on-site
- Pay stations installed
- All appropriate signage is installed subject to Council-approved communications plan. Signage covered until go live day

### **BOSS and EMS Software Overview**

Training will be attended by any pay station administrators responsible for creating pay station configurations and rates as well as processing credit card payments and generating accounting reports.

#### *Software installation:*

- Installing software
- Backing up data

#### *Software overview and configuration setup:*

- Review BOSS menu structure
- Setup of user permissions
- Setup of global settings
- Create basic lot setting
- LCD screen messages
- Header and footer messages

- Pay-and-Display, Pay-by-Space
- Payment options
- Machine setup

*Rate tables:*

- Rate table configurations
- Fixed rate
- Hourly rate
- Daily rate
- Add time functionality

*Accounting on reporting:*

- Reporting
- Transaction reports

*EMS:*

- Accessing the application
- Setting up users and notifications
- Reviewing EMS features

**LUKE Hardware Overview**

The people who should attend are listed below:

*Hardware review – attended by all maintenance personnel:*

- Keys and locks
- Keypad
- Coin acceptor
- Powering
- Remote connectivity
- Printer
- Entering the Service Menu
- Reports at the station
- BOSS Data Key
- Operations
- Loading new rates
- Obtaining transaction data
- Maintenance
- Changing paper
- Cleaning printer

*Collections review – attended by all collections personnel:*

- Collecting money
- Entering service mode
- Audit report generation

*Enforcement review – attended by all enforcement personnel:*

- Entering service mode
- Generating and reviewing Pay-by-Space reports

**Review**

- Any items that require further review are handled during this time period.

A detailed schedule for administering the training program and ongoing refresher training will be determined in consultation with the City and may result in additional costs. DPT provides regular product manual updates and online Webinars to educate clients on the features contained in new releases. In many cases, these free Webinars and manual updates provide clients with additional training required. However, in situations where staff changes are necessitated, additional training can be arranged.

**Z. WARRANTY**

1. Respondents must guarantee, for a period of two (2) years from the date of installation, to repair and/or replace any part or modular component determined to be defective in material or

Y 

workmanship under normal use and service at no additional cost to the City of Fort Lauderdale Parking and Fleet Services. Respondent shall also be solely responsible for the cost of shipping and return shipping of warranty parts during the two (2) year warranty period. Respondents shall also provide the City of Fort Lauderdale Parking and Fleet Services free of charge with any new software releases for a period of two (2) years.

- |    |   |                                       |                            |
|----|---|---------------------------------------|----------------------------|
| 2. | The local distributor shall maintain an adequate supply of replacement components (e.g. cutters, card readers, etc) on site at the City of Fort Lauderdale Parking Services meter shop. Payment and warranty provisions for replacement components shall apply from the date of installation of the module. | Y <input checked="" type="checkbox"/> |                            |
| 3. | The warranty period for all installed meters in each phase of purchase will begin on the last date after the last meter has been accepted by the City via written acceptance.   | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |
| 4. | The City of Fort Lauderdale Parking and Fleet Services shall have the option of extending the warranty period within 90 days before the end of the existing warranty period. The Respondent will provide quote for the extended warranty will   | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |
| 5. | The Respondent will provide quote for the extended warranty detailing the cost per meter, period of coverage and what will be covered under the warranty  | Y <input checked="" type="checkbox"/> | N <input type="checkbox"/> |

**AA. VARIANCES TO TECHNICAL SPECIFICATIONS LISTED ABOVE**

**Items not included in your proposal** – Discuss / explain any requirements of the RFP that are not included in your proposal. – All items that you indicated ‘N\_\_\_\_\_’ are to be explained here (To be indexed and submitted in the order listed)

**C. CUSTOMER OPERATION**

**#3: Explain the capability of the pay station to accept a "PIN" number when using a "Debit" or "Credit" card, and if there is an additional configuration cost for this option, what that cost would be.**  
 Checking account debit cards accepted will be only non-PIN-based cards issued by Visa that do not provide credit capability. At this time, introduction of PIN based cards is cost-prohibited.

**F. REVENUE COLLECTION CANISTERS**

**#1 i: The removal of the bill stacker shall trigger the recording of an audit report specific to the bill collection.**

Audit reports are manually generated at the pay station when cash is collected. These reports are then automatically communicated to EMS for ongoing online access.

**J. BILL ACCEPTOR**

**#7: Machine will transmit to the server via wireless transmittal methods every time collection boxes are removed.**

The pay station transmits an Audit Report that is generated during a collection process. The pay station does not currently transmit notification that a collection box has been removed; however, this feature is being actively considered.

**K. DEBIT/CREDIT CARD OPERATION**

**#3: That accepts the City of Fort Lauderdale Resident Beach Card. Respondents is responsible to ensure system compatibility with current parking card system.**

At this time, LUKE does not support the City's Resident Beach Card. DPT can provide an alternate card with the same functionality, but DPT believes it will be very difficult to work with Parkeon to support the Parkeon card. Although technically the equipment can support it, it will require a lot of proprietary information from Parkeon. As DPT is a direct competitor to Parkeon, DPT feels it cannot commit to supporting the card as DPT has no control over Parkeon's assistance in this endeavor.

LUKE has the ability to work with custom cards as an alternative to the City's Parking Services resident beach card, **providing exactly the same functionality.**

LUKE can also work with generic ID custom cards where the card number is included in the card's Track 2 data. With generic ID cards, parkers can get a parking receipt for a single pre-established rate. This enables parkers to get parking without paying cash at the machine.

For smart cards, the pay station currently supports the Bull Scot 5 and Atmel smart cards by POM as well as the City Card smart card from Parcsmart. The POM card may be used at the pay station and purchase values are then deducted from it. The pay station can also be used as a smart card reload station for the POM smart cards.

#### **M: COIN ACCEPTOR**

**#8: An automatic coin shutter, which will open for coin insertion, but not for plastic, wood, cloth, and all non-metal objects. The coin slot shall have means to prevent insertion of foreign objects.**

DPT may supply an alternate non-shutter coin bezel, which can provide resistance to the threats identified.

**#10: Machines shall have a built-in feature that prevents coin and debit card transactions used for testing purposes from registering in the total revenue register.**

LUKE does not currently have a built-in feature that prevents these payment methods being used for test purposes or prevents them from being recorded on the total revenue register.

#### **N: PRINTER AND RECEIPT PAPER**

**#3: Printer intensity should be adjustable.**

Print intensity is not currently adjustable.

#### **R: REPORTS**

**#5: Date and time of all maintenance transactions.**

Maintenance logging is not currently available at the pay station, but plans are in place to release this capability in the future.

**#6: Maintenance activity by location number**

A report allows operators to see the operational status by pay station. The operational status of each pay station can also be viewed in EMS. Maintenance activities are not currently logged at the pay station, but are being considered for a future release.

**#8: Maintenance activity by type**

Maintenance activities are not currently logged at the pay station, but are being considered for a future release.

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**#23: Exception report for units not repaired**

As part of DPT's product roadmap, a feature plan has been made to add extensive maintenance logging and reporting for pay station activities. Part of this plan includes an exception report for meters not repaired. A release date is currently not in place for the addition of this feature.

**#27: Exception report for units not collected.**

DPT pay stations cannot print exception reports for units not collected.

#### **S. COMMUNICATION/SYSTEM MANAGEMENT SOFTWARE (WIRELESS)**

**#16: Transmit expired/invalid card lists to units via two-way communication**

If the pay stations are online, an expired list is not necessary.

## **T: SYSTEM MANAGEMENT SOFTWARE**

### **#17: Configure length of time the audible alarm will sound.**

The pay station audible alarm is preconfigured to sound for 30 seconds and cannot be configured otherwise. If this feature is deemed a necessary requirement by the City, DPT will consider adding it to its product development roadmap for availability in future software releases.

### **#20: Set a maximum number of tickets to be sold in a day.**

DPT pay stations cannot set the maximum number of tickets to be sold in a day.

### **#23: Select what to do during a printer error.**

While the pay station will display a printer error, it will not specify what to do in such a case.

### **#31: Set an "out of service" phone number.**

LUKE will not display an "Out of Service" message or phone number. If a pay station is out of service on the block where the motorist is parked, the motorist could pay for parking at another machine nearby.

### **#55: Communications software is able to add time to a selected stall.**

BOSS and EMS cannot add time to a stall.

**Other Standards Used** - List in detail, any additional standards and/or practices that you consider worthy of consideration by the Evaluation Committee in evaluating your proposal.- Indicated any additional features that your product has that may not be indicated above, or any additional enhancements to requirements we may have listed above (To be indexed and submitted in the order listed)

## **COMPLIANT**

DPT is the best qualified vendor to provide the City with multi-space pay stations for its requirements due to DPT's successful track record for developing high quality and innovative parking products that service clients well today and into the future.

DPT has amassed 12 years experience in the design, manufacture, and distribution of highly advanced multi-space parking pay stations and software management solutions. DPT products are widely used throughout North America by numerous cities, universities, parks and recreation facilities, transportation facilities, and private parking operators.

Many vendors claim to support the technologies and standards outlined within the City of Fort Lauderdale RFP, but DPT is one of the few manufacturers that have proven success with all of the technologies the City is interested in supporting either now or in the future. Specific examples include:

- **Wi-Fi support** – Installations successfully operating in Houston, TX, Redwood City, CA, Brookline, MA, and the University of California, Santa Barbara.
- **Ethernet support** – Numerous client installations where direct Ethernet support has been deployed. References available upon request.
- **PCI compliance** – All processes used by DPT equipment to authorize credit card data are designed to follow the latest practices as specified by the PCI Data Security Standard. Both equipment and company services have been audited by a third-party to ensure these practices have been met. DPT first received official compliance as a Level 1 Service Provider in April 2007 after completing an audit by a qualified security assessor (QSA). DPT completed its third annual audit in May 2009. DPT's products received official validation under PCI's Payment Application Data Security Standard (PA-DSS) in December 2007 and its latest major software release was validated in May 2009. Confirmation of DPT's status may be found by reviewing the lists of Compliant Service Providers and Validated Payment Applications on Visa's Web site at <http://www.visa.com/cisp>. Please see Appendix I – PCI White Paper for additional information.
- **Pay-by-Phone integration** – DPT has extensive experience in integrating its technology with third-party cell phone payment technologies. DPT pay stations are currently in operation with Verrus systems. Transaction data is received from the Verrus system and this information is then provided in real-time for enforcement, transaction, and revenue reporting.
- **Third-party hardware and software integration** – DPT's Web Services has enabled clients to integrate EMS data with both their handheld enforcement devices and Banner accounting system. Enforcement manufacturers such as Complus Data Innovations, Duncan Solutions, ParkTrak, and T2 Systems have already developed

integrations with DPT EMS data on their handheld devices.

- **Platform for the future** – LUKE is built on the Windows CE operating system that enables the product to take advantage of industry standard technologies that can provide new features in the future such as multi-screen advertising that may provide new benefits to the City. Most alternative suppliers have built their products on proprietary platforms that limit the ability to take advantage of new technologies that may emerge in the market.

DPT also knows that the key to any new multi-space parking meter project is a successful implementation.

Implementation includes pre-installation planning, meter placement, community public relations, signage, rate structures that work for the public, and ongoing monitoring.

END OF SECTION

**Appendix A – LUKE Brochure**

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