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April 2, 2004

VIA MESSENGER

Alderman Fredrick G. Gordon
President
Milwaukee Common Council
Room 205 - City Hall
200 E. Wells Street
Milwaukee, WI 53202

RE: ***City of Milwaukee Parking Garages Request for Proposals/Department of Public Works Proposal No. [none assigned] dated March, 2004***

Dear Mr. President:

This communication is being forwarded to the Common Council leadership on behalf of Traffic & Parking Control Co., Inc. ("TAPCO"), one of the largest suppliers of traffic signals and service, digital signs, parking equipment and related software and a wide variety of other traffic control hardware, software and equipment nationally. TAPCO is one of three and potentially four possible bidders that I believe take issue with the speed with which the above Request for Proposals ("RFP") has been issued and because several of the specifications are geared to a single proposer.

Short RFP Response Time

The RFP was issued by the Parking Financial Manager in the Department of Public Works ("DPW") on March 12, 2004 and received or picked up by several of the distributees on March 15 or March 16, 2004. The RFP has a response date of April 9, 2004, just three days after the Spring Election in which a new Mayor will be elected along with several new members of the Common Council, and the city will be without a Commissioner of Public Works because of Mariano Schifalacqua's retirement effective April 1, 2004.

A detailed request has been made to the DPW Commissioner's office to obtain information which we hope will provide some insight into the peculiar way this RFP was prepared and the rather obvious lack of preparatory steps that are typically taken by DPW in preparing bid requests and RFPs as well as Requests for Quotations. This significant departure from established practices and the lack of Common Council oversight of an RFP which could well cost the city over \$3.2 million, requires substantially more scrutiny than it has received.

The Purchases Envisioned by the RFP Involved Millions of Dollars

The RFP relates to a major purchase of equipment, hardware and computer software and a master long term service agreement for the equipment and the computer hardware and software to run a fully automated system, pay stations and a variety of other items that the new vendor will install at the following city owned parking facilities:

1. MacArthur Square - 841 North James Lovell Drive;
2. City Garage - 1000 North Water Street;
3. City Garage - 724 North 2nd Street; and
4. City Garage - 324 West Highland Avenue.

It is not clear, and we have not been able to obtain information at this point, to determine whether an assessment has been made concerning the renovation of existing equipment in all of the parking garages, and any computer upgrade options that might have been explored by DPW.

Copying the Madison RFP Which Resulted in Substantial Cost Overruns

Even more alarming is the fact that the City's RFP appears to be copied, in large part, from a City of Madison RFP No. 7536 (Parking Revenue and Access Control System) issued February 27, 2002 (the "Madison RFP").¹ While we have obtained only anecdotal evidence on this point, the Madison RFP generated an equipment and services purchase from the same preferred vendor which we believe is given preference in this procurement. The equipment and purchase of services have failed to meet expectations and has created a significant cost overrun.

Failure to Follow Customary City Practices

The following additional points are among the red flags that called attention to this unusual, and I think somewhat unprecedented, procedure where so much public money is involved:

- The RFP was prepared with the assistance of a traffic consultant from Cleveland, Ohio who was recommended by the woman, originally from Cleveland herself, who was then the Parking Commissioner in Madison.

¹A spreadsheet showing the remarkable similarities in the Milwaukee 2004 RFP and the Madison 2002 RFP is attached.

- The usual reputable local traffic consultants such as HNTB Corporation and Graef Anhalt & Schloemer, were not even considered as consultants.
- There were no interviews or needs assessment by DPW or its consultant with the existing parking management contractors for the existing City-owned facilities.
- To my knowledge, and I am still looking, there was never a Notice of Intent to Issue an RFP/RFQ published in this matter.
- No pre-RFP meeting with consultants, parking managers at the existing facilities, existing parking garage control system contractors, and potential proposers, was ever called.
- There was no compliance with § 7-15, *Milwaukee Charter Ordinance*.
- No effort was made to attempt to conduct this procurement by competitive bid under the direction of the Common Council as provided for by §§ 17-14 or 17-22, *Milwaukee Charter Ordinance*.
- The RFP in question does not contain a DPW proposal number which has been assigned in every other bid package I have ever seen from DPW.
- The RFP is NOT posted or displayed on the three following City web sites where ALL DPW bids and RFPs are traditionally published:
 - DPW Bids and Contracts Information (www.mpw.net/servlets/bidpage);
 - DPW's published Official Bid Notices (www.mpw.net/servlets/allbidnotices);
 - City of Milwaukee Procurement Services "Formal (over \$30,000) Request for Quotation" (www.ci.mil.wi.us/citygov/doa/doasp-38).
- The introduction to the City's web page designated "DPW Bids and Contracts Information" shows a list of all published official bid notices and planholder lists by category but indicates under "Parking Bids" zero (0).

- Apparently no cost benefit analysis was performed in connection with the proposed system called for in the RFP.
- Apparently no fiscal impact analysis of any kind was performed with respect to the proposed system described in the RFP.
- The DPW, even though specifically requested to do so, has flatly refused to conduct a so-called pre-bid conference for potential proposers, which seems to be common practice in the issuance of any competitive bid package or RFP.

This Transition Period is a Time to Risk the Money Involved

City government is in a significant transition period with a hotly contested Mayor's race just a few days away, and with the Commissioner of DPW retiring effective April 1, 2004, just eight days before the April 9, 2004 RFP response date. Of course, the RFP response date is slightly less than three days after the April 6, 2004 Spring Election.

Lack of Public and Industry Input

Another highly questionable thing is that this procurement procedure was concocted out of the public view and apparently without any oversight by anyone. Normally one would expect this type of RFP to go to the Common Council's Public Improvement Committee, although a cursory review of Common Council records indicate that this was never submitted to the Common Council or reviewed by the Public Improvements Committee.

Past Practices Encouraged Vendor and Industry Comment

The practice that I am familiar with is that vendors are usually requested to participate in pre-bid meetings and given the opportunity file detailed written comments and recommendations when draft bid packages or RFPs are going to be circulated among potential vendors. I also think that when a number of competing vendors lend an industry viewpoint to the bid package or RFP preparation, the city is in a better position to know what to expect when it circulates the particular document.

Need for Common Council Intervention under Chapter 7, Charter Ordinance

Even though the Common Council has held its last regularly scheduled meeting for this term, I am requesting that the Common Council, or the appropriate Committee thereof, consider the following action under the oversight authority that the Common Council retains under Chapter 7, *Milwaukee Charter Ordinance*:

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1. Direct that the Parking Garage RFP be suspended or that the response date be extended at least 90 days so that proposers other than a favored vendor, will have an opportunity to prepare a response and the DPW will have an opportunity to revise the Parking Garage RFP;
2. Exercise the authority vested in the Common Council and require that this procurement be considered for management, under the oversight of the Common Council, or its Public Improvements Committee, pursuant to §§ 7-14 and 7-22, *Milwaukee Charter Ordinance*;
3. That the Parking Garage RFP be referred to the Public Improvements Committee so that the circumstance of this procurement can be reviewed in a public setting; and
4. Refer the matter to the City Attorney and the City Comptroller to conduct an independent review and provide a report to the Common Council concerning the procedures that have employed in this particular instance and the most prudent steps that need to be taken.

Whether I am right or wrong in my conclusions about this procurement, a public review of what has occurred may temporarily delay the procurement, but can only serve the best interests of the taxpayers of the City of Milwaukee.

I am taking the liberty of forwarding copies of this communication to the City Attorney, the City Comptroller and the Chairpersons of the Committees on Public Improvements and Public Safety, and the Vice Chairperson of the Finance and Personnel Committee, since I assume in view of your presidency of the Common Council, you are no longer actively participating in the activities of the Finance and Personnel Committee. If this is not the case, of course, please let me know.

Thank you for your attention to this communication.

Very truly yours,

FRIEBERT, FINERTY & ST. JOHN, S.C.



John D. Finerty
jdf@ffsj.com

JDF/kg
Enclosure

Alderman Fredrick G. Gordon

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cc: Ald. Suzanne Breier, Chair, Public Improvements Committee (via messenger)
Ald. Tom Nardelli, Chair, Public Safety Committee (via messenger)
Ald. Michael Murphy, Vice Chair, Committee on Finance and Personnel (via messenger)
Grant F. Langley, Jr., Esq., City Attorney
 Attn: Linda U. Burke, Deputy City Attorney (via messenger)
W. Martin Morics, City Comptroller (via messenger)

Milwaukee-Madison RFP Comparison

Section	Milwaukee RFP	Madison RFP
General conditions of proposal:	Page 1 - 14	Page 1 - 4
Qualifications:	Page 15 (2.1)	Page 5 - 6 (1.1 A - K)
	Page 15 <i>For the purposes...</i>	Page 5 (1.1 A)
	Page 15 <i>CSC shall meet...</i>	Page 5 (1.1 B)
	Page 15 <i>The CSC shall have...</i>	Page 5 (1.1 C)
	Contains sentence not found in Madison RFP.	
	Page 15 <i>The CSC warrants...</i>	Page 5 (1.1 D)
	Page 15 <i>Material or labor...</i>	Page 5 (1.1 E)
	Page 15 <i>Electrical, concrete drawings...</i>	Page 5 (1.1 F)
	Page 15 <i>Specification and drawings...</i>	Page 5 (1.1 G)
	Page 15 <i>The CSC shall be...</i>	Page 5 (1.1 H)
	Page 15 <i>The CSC shall submit...</i>	Page 5 - 6 (1.1 I)
	Milwaukee RFP does not contain Paragraphs 1.1 J or 1.1 K found in Madison RFP (page 6).	Page 6 (1.1 J) Page 6 (1.1 K)
CSC's Responsibilities:	Page 16 - 18 (2.2)	Page 6 - 8 (1.2 A - K)
	Page 16 <i>The CSC of the revenue...</i>	Page 6 (1.2 A)
	Contains sentences not found in Madison RFP.	
	Page 16 <i>The CSC for the revenue...</i>	Page 6 (1.2 B)
	Page 16 <i>The CSC shall be...</i>	Page 6 (1.2 C)
	Omits second half of paragraph found in Madison RFP.	
	Page 16 <i>Software updates:</i>	Page 7 (1.2 D)
	Page 16 <i>New inventions:</i>	Page 7 (1.2 E)
	Contains text not found in Madison RFP.	
	Milwaukee RFP does not contain Madison RFP Page 7 paragraph 1.2 F under "CSC's Responsibilities", but that language is found on (Page 21) 1st paragraph under "Maintenance and Service".	Page 7 (1.2 F)
	Page 16 <i>The CSC shall provide...</i>	Page 7 (1.2 G)
	Page 17 <i>The CSC shall provide...</i>	Page 7 (1.2 H)
	Page 17 <i>If shall be the responsibility...</i>	Page 8 (1.2 I)
	Contains text not found in Madison RFP.	
	Page 17 <i>The CSC shall be responsible...</i>	Page 8 (1.2 J)
	Page 18 <i>CSC's responsibilities...</i>	Page 8 (1.2 K)
Climatic Conditions:	Page 18 (2.3)	Page 8 (1.3 A)
	Page 18 <i>All equipment...</i>	Page 8 (1.3 A)
	Contains sentences not found in Madison RFP.	

Milwaukee-Madison RFP Comparison

Section	Milwaukee RFP	Madison RFP
Component Equipment of Same Supplier:	Page 18 (2.4)	Page 9 (1.4 A - B)
	Page 18 <i>Equipment components...</i>	Page 9 (1.4 A)
	Page 18 <i>If the CSC shall include...</i>	Page 9 (1.4 B)
Shop Drawings and Manuals:	Page 18 - 19 (2.5)	Page 9 - 10 (1.5 A - F)
	Page 18 <i>The CSC shall submit...</i>	Page 9 (1.5 A)
	Contains sentence not found in Madison RFP.	
	Page 18 <i>The City of Milwaukee...</i>	Page 9 (1.5 B)
	Page 18 <i>Three final...</i>	Page 9 (1.5 C)
	Page 18 <i>Corrections, notations,...</i>	Page 9 (1.5 D)
	Page 19 <i>Shop drawing submittals...</i>	Page 9 (1.5 F)
	Page 19 <i>Other data as required...</i>	Page 10 (1.5 E)
Inspection:	Page 19 (2.6)	Page 10 (1.6 A)
	Page 19 <i>The complete revenue...</i>	Page 10 (1.6 A)
Warranty:	Page 19 (2.7)	Page 10 (1.7 A - B)
	Page 19 <i>All items furnished...</i>	Page 10 (1.7 A)
	Contains sentences not found in Madison RFP.	
	Page 19 <i>CSC warrants and affirms...</i>	Page 10 (1.7 B)
CSC's Use of Premises:	Page 20 (2.8)	Page 11 (1.9 A)
	Page 20 <i>CSC shall limit...</i>	Page 11 (1.9 A)
Technical Questions:	Milwaukee RFP does not contain Paragraphs 1.10 A found in Madison RFP (page 11).	Page 11 (1.10 A)
Calendar of Events:	Milwaukee RFP does not contain Paragraphs 1.11 found in Madison RFP (page 11).	Page 11 (1.11)
Installation of the Control System:	Page 20 (2.9)	Page 17 (2.7)
	Page 20 <i>The CSC shall provide a detailed...</i>	Page 17 (2.7)
Instruction and Training:	Page 20 (2.10)	Page 17 (2.8)
	Page 20 <i>The CSC shall provide a narrative...</i>	Page 17 (2.8)
Maintenance and Service:	Page 20 - 21 (2.11)	Page 17 (2.9) & Page 7 (1.2F)
	Page 20 <i>The City of Milwaukee...</i>	Page 17 (2.9)
	Page 21 <i>Normal response...</i>	Page 7 (1.2 F) under "CSC's Responsibilities"
Submission:	Page 21 (2.12)	Page 10 (1.8)
	Page 21 <i>No change,...</i>	Page 10 (1.8)
	Contains sentences not found in Madison RFP.	

Milwaukee-Madison RFP Comparison

Section	Milwaukee RFP	Madison RFP
Products- General Overview:	Page 22 - 23 (3.1)	Page 12 - 13 (2.1 A - G)
	Page 22 <i>The CSC shall furnish...</i>	Contains sentence not found in Madison RFP.
	Page 22 <i>Revenue and Access Control System:</i>	Page 12 (2.1 A)
	Page 22 <i>The system must be...</i>	Page 12 (2.1 B)
	Page 22 <i>Stored value card...</i>	Page 12 (2.1 D)
	Page 22 <i>Stored value card...</i>	Page 12 (2.1 C)
	Page 23 (Paragraphs 1 - 3) <i>System must be capable...</i>	Paragraphs not found in Madison RFP.
	Milwaukee RFP does not contain Paragraphs 2.1 E - 2.1 G found in Madison RFP (page 13).	NA
		Page 13 (2.1 E)
		Page 13 (2.1 F)
		Page 13 (2.1 G)
System Overview:	Page 23 - 25 (3.2)	Page 13 - 14 (2.2 A - C), Page 22 (2.13 A.11.a - 11.f), Page 27 (2.13 A.16.a - 16.c)
	Page 23 <i>The parking revenue...</i>	Page 13 (2.2 A)
	Page 23 <i>System security...</i>	Page 13 (2.2 B)
	Page 23 <i>One of the major...</i>	Page 27 (2.13 A.16) under "Equipment Descriptions".
	Page 23 <i>The common read / write...</i>	Page 27 (2.13 A.16.a) under "Equipment Descriptions".
	Page 23 <i>The ticket transport...</i>	Page 27 (2.13 A.16.b) under "Equipment Descriptions".
	Page 24 <i>All major components...</i>	Page 27 (2.13 A.16.c) under "Equipment Descriptions".
	Page 24 <i>The UCD...</i>	Page 22 (2.13 A.11) under "Equipment Descriptions".
	Page 24 <i>The UCD shall be fully...</i>	Page 22 (2.13 A.11.a) under "Equipment Descriptions".
	Page 24 <i>The read / write device shall be...</i>	Page 22 (2.13 A.11.b) under "Equipment Descriptions".
	Page 24 <i>The read / write device shall read...</i>	Page 22 (2.13 A.11.c) under "Equipment Descriptions".
	Page 24 <i>The ticket printer...</i>	Page 22 (2.13 A.11.d) under "Equipment Descriptions".
	Page 24 <i>Retracted tickets...</i>	Page 22 (2.13 A.11.e) under "Equipment Descriptions".
	Page 24 <i>The read / write device...</i>	Page 22 (2.13 A.11.f) under "Equipment Descriptions".
	Page 24 (Paragraphs 9 - 12) <i>Valid transient tickets...</i>	Paragraphs not found in Madison RFP.
	Page 24 - 25 <i>Ticket Transport Mechanism:</i>	Page 30 (2.13 B.5.a - c) under "Equipment Descriptions".
	Page 25 <i>Card access system...</i>	Paragraph not found in Madison RFP.
	Page 25 <i>The parking system...</i>	Page 13 - 14 (2.2 C) under "System Overview".

Milwaukee-Madison RFP Comparison

Section	Milwaukee RFP	Madison RFP
Operational Description:	Page 25 (3.3)	Page 14 - 15 (2.3 A - D)
	Page 25 <i>The parking revenue...</i>	Page 14 (2.3 A)
	Page 26 <i>The central pay...</i>	Page 14 (2.3 B)
	Page 26 <i>The pay-on-foot...</i>	Page 14 - 15 (2.3 C)
	Page 26 <i>The exit stations...</i>	Page 15 (2.3 D)
Functional Description:	Milwaukee RFP does not contain Paragraph 2.4 found in Madison RFP (page 15).	Page 15 (2.4)
Vehicle Control Functions:	Page 26 - 27 (3.4)	Page 15 - 16 (2.5 A - E)
	Page 26 - 27 <i>As each vehicle...</i>	Page 15 (2.5 A)
	Page 27 <i>All of the above...</i>	Page 12 (2.5 B)
	Page 27 <i>The ticket shall be...</i>	Page 12 (2.5 C)
	Page 27 <i>Each parking ticket shall...</i>	Page 12 (2.5 D)
	Page 26 <i>Vehicle count, monitor,...</i>	Page 18 (2.10) under "Vehicle Count, Monitor, and Control System Function"
	Page 26 <i>Access control system...</i>	Contains sentence not found in Madison RFP. Page 18 (2.11) under "Access Control System"
Revenue Control Functions:	Milwaukee RFP does not contain Paragraph 2.6 A - 2.6 C found in Madison RFP (page 16 - 17).	Page 16 - 17 (2.6 A - C)
Sub-System Component Level:	Milwaukee RFP does not contain Paragraph 2.12 found in Madison RFP (page 18 - 19).	Page 18 - 19 (2.12)
Equipment List By Garage:	Page 27 - 32 (3.5 - 3.8) <i>MacArthur Square...</i>	Paragraphs not found in Madison RFP. NA
Ticket Dispenser / Entry Station Equipment Description:	Page 32 - 38 (3.9)	Page 19 - 28 (2.13 A.1 - 19)
	Page 32 <i>General Operation:</i>	Page 19 (2.13 A.1)
	Page 32 <i>On-line real time...</i>	Page 19 (2.13 A.2)
	Page 32 <i>As a vehicle approaches...</i>	Page 19 (2.13 A.3)
	Page 33 <i>When the entry...</i>	Page 20 (2.13 A.4)
	Page 33 <i>Upon validating the...</i>	Page 20 (2.13 A.5)
	Page 33 <i>When using a credit...</i>	Page 20 (2.13 A.6)
	Page 33 <i>Equipment Functions:</i>	Page 20 - 21 (2.13 A.7)
	Page 33 <i>Ticket Dispenser / Entry Station Design Requirements:</i>	Page 21 (2.13 A.8)
	Page 33 <i>Description:</i>	Page 21 (2.13 A.8.a)
	Page 33 <i>Design Requirements:</i>	Page 21 (2.13 A.8.b)
	Page 34 <i>Entry stations must be...</i>	Page 21 (2.13 A.8.c)
	Page 34 <i>Ticket Dispenser / Entry Station Cabinet:</i>	Page 21 (2.13 A.9)

Milwaukee-Madison RFP Comparison

Section	Milwaukee RFP	Madison RFP
	Page 34 <i>The entry station cabinet...</i>	Page 21 (2.13 A.9.a - b)
	Page 34 <i>The entry station door...</i>	Page 21 (2.13 A.9.c)
	Milwaukee RFP does not contain Paragraph 2.13 A.10.a - 2.13 A.10.c found in Madison RFP (page 22).	Page 22 (2.13 A.10.a - c)
	Page 34 <i>Ticket Magazine:</i>	Page 23 (2.13 A.12)
	Page 34 <i>Retracted Ticket Hopper:</i>	Page 23 (2.13 A.13)
	Page 34 <i>Stand Alone / On-Line Central Processing Unit:</i>	Page 23 (2.13 A.14)
	Page 34 <i>Technical Specifications:</i>	Page 23 (2.13 A. 14.a)
	Page 34 <i>The entry station(s)...</i>	Page 23 (2.13 A. 14.a.(1))
	Page 35 <i>Ticket Encoder / Card Reader...</i>	Page 23 (2.13 A. 14.a.(2))
	Page 35 <i>Entry Ticket:</i>	Page 23 (2.13 A. 14.a.(3))
	Page 35 <i>The entry station shall simultaneously...</i>	Page 24 (2.13 A. 14.a.(4))
	Page 35 <i>The ticket magazine shall...</i>	Page 24 (2.13 A. 14.a.(5 - 6))
	Page 35 - 36 <i>Computerized Hardware Modules:</i>	Page 24 - 25 (2.13 A. 14.b)
	Page 36 <i>Invalid Ticket Control:</i>	Page 25 (2.13 A. 14.c)
	Page 36 - Page 37 <i>VFD Display:</i>	Page 25 (2.13 A. 14.d)
	Page 37 - Page 38 <i>Real Time Communication:</i>	Page 26 (2.13 A. 14.e)
	Page 38 <i>Intercom:</i>	Page 27 (2.13 A. 15)
	Page 38 <i>Detailed Hardware Specifications:</i>	Page 27 (2.13 A. 17)
	Page 38 <i>Entry Station Housing:</i>	Page 27 (2.13 A. 18)
	Page 38 <i>Heating and Ventilation:</i>	Page 27 (2.13 A. 19)
Exit Station Equipment Description:	Page 38 - 44 (3.10)	Page 28 - 39 (2.13 B.1 - 17)
	Page 38 <i>General Operation:</i>	Page 28 (2.13 B.1.a)
	Page 39 <i>The exit station shall...</i>	Page 28 (2.13 B.1.b)
	Page 39 <i>On-line real time...</i>	Page 28 (2.13 B.1.c)
	Page 39 <i>As a transient vehicle...</i>	Page 28 (2.13 B.1.d)
	Page 39 <i>When the exit station is...</i>	Page 28 - 29 (2.13 B.1.e)
	Page 39 <i>Equipment Functions:</i>	Page 29 (2.13 B.2)
	Page 39 - 40 <i>Exit Station Design Requirements:</i>	Madison RFP has text not found in Milwaukee RFP (page 40) Page 29 - 30 (2.13 B.3)
	Page 40 <i>Exit Station Cabinet:</i>	Page 30 (2.13 B.4)
	Page 40 <i>Ticket Transport:</i>	Page 30 (2.13 B.5)
	Page 41 <i>Universal Card Device:</i>	Page 31 (2.13 B.6)
	Page 41 <i>Retracted Ticket Hopper:</i>	Page 31 (2.13 B.7)
	Page 41 <i>Stand Along / On-Line Central Processing Unit:</i>	Page 31 (2.13 B.8)
	Page 41 <i>Technical Specifications:</i>	Page 31 - 32 (2.13 B.9.a)
	Page 41 <i>Ticket Encoder / Card Reader:</i>	Page 32 (2.13 B.9.b)
	Page 42 <i>Exit Ticket:</i>	Page 32 (2.13 B.9.c)

Milwaukee-Madison RFP Comparison

Section	Milwaukee RFP	Madison RFP
	Page 42 <i>Computerized Hardware Modules:</i>	Page 32 (2.13 B.9.d)
	Page 42 <i>The exit station shall have...</i>	Page 33 (2.13 B.9.e)
	Page 42 <i>Program data shall be...</i>	Page 33 (2.13 B.9.f)
	Page 43 <i>Each exit station shall have...</i>	Page 33 (2.13 B.9.g)
	Page 43 <i>Invalid Ticket Control:</i>	Page 33 (2.13 B.10)
	Page 43 <i>VFD Display:</i>	Page 33 - 34 (2.13 B.11)
	Page 43 - 44 <i>Real Time Communication:</i>	Page 34 (2.13 B.12)
	Page 44 <i>Intercom:</i>	Page 35 (2.13 B.13)
	Milwaukee RFP does not contain Paragraph 2.13 B.14 found in Madison RFP (page 35).	Page 35 (2.13 B.14)
	Page 44 <i>Detailed Hardware Specifications:</i>	Page 35 (2.13 B.15)
	Page 44 <i>Exit Station Housing:</i>	Page 35 (2.13 B.16)
	Page 44 <i>Heating and Ventilation:</i>	Page 35 (2.13 B.17)
Automatic Cashier Station Equipment Description:	Page 45 - 51 (3.11)	Page 35 - 43 (2.13 C.1.a - C.4.I)
	Page 45 <i>General Operation:</i>	Page 35 - 36 (2.13 C.1.a)
	Page 45 <i>The exit cashier station shall...</i>	Page 36 (2.13 C.1.b)
	Page 45 <i>On-line real time...</i>	Page 36 (2.13 C.1.c)
	Page 45 <i>When the cashier station...</i>	Page 36 (2.13 C.1.d)
	Page 45 <i>The cashier station shall contain...</i>	Page 36 - 37 (2.13 C.1.e)
	Page 45 - 46 <i>The cashier station may also...</i>	Page 37 (2.13 C.1.f)
	Page 46 <i>The cashier station shall enable...</i>	Page 37 (2.13 C.1.g)
	Page 46 <i>Equipment Functions:</i>	Page 37 - 38 (2.13 C.2)
	Page 46 - 47 <i>Motorized Validation Units--</i>	Paragraphs not found in Madison RFP.
	Page 47 - 48 <i>Cashier Station Design Requirements:</i>	Page 38 - 39 (2.13 C.3)
	Page 48 - 51 <i>Technical Specifications:</i>	Page 39 - 42 (2.13 C.4 - C.4.i)
	Milwaukee RFP does not contain Paragraph 2.13 C.j found in Madison RFP (page 42).	Page 42 (2.13 C.4.j) under "Considerations"
	Page 51 <i>Detailed Hardware Specifications:</i>	Page 43 (2.13 C.4.k(1))
	Page 51 <i>Detailed Hardware Specifications:</i>	Milwaukee RFP does not contain Paragraph 2.13 C.4.k(2) found in Madison RFP (page 43).
	Page 51 <i>Detailed Hardware Specifications:</i>	Page 43 (2.13 C.4.k(3))
	Page 51 <i>Security:</i>	Page 43 (2.13 C.4.l)
Automatic Pay-On-Foot Station Technical Specifications:	Page 51 - 60 (3.12)	Page 43 - 53 (2.13 D.1 - 16)
	Page 51 <i>General Operation:</i>	Page 43 - 44 (2.13 D.1.a)
	Page 52 <i>On-line real time...</i>	Page 44 (2.13 D.1.b)

Milwaukee-Madison RFP Comparison

Section	Milwaukee RFP	Madison RFP
	Page 52 <i>As a patron approaches...</i>	Page 44 (2.13 D.1.c)
	Page 52 <i>Simultaneously, an internal...</i>	Page 44 (2.13 D.1.d)
	Page 52 <i>When the automatic payment...</i>	Page 44 (2.13 D.1.e)
	Page 52 <i>The pay station may be...</i>	Page 44 (2.13 D.1.f)
	Page 52 <i>The automatic read feature...</i>	Page 44 - 45 (2.13 D.1.g)
	Page 52 <i>User instructions and status...</i>	Page 45 (2.13 D.1.h)
	Page 52 <i>When using a credit card...</i>	Page 45 (2.13 D.1.i)
	Page 53 <i>Equipment Functions:</i>	Page 45 (2.13 D.2)
	Page 53 <i>Pay-on-foot Station Design Requirements:</i>	Contains text not found in Madison RFP. Page 45 - 46 (2.13 D.3)
	Page 53 <i>Pay-on-foot Station Cabinet:</i>	Page 46 (2.13 D.4)
	Page 54 <i>Ticket Transport Mechanism:</i>	Page 46 - 47 (2.13 D.5)
	Page 54 <i>UCD:</i>	Page 47 (2.13 D.6)
	Page 54 - 55 <i>Ticket Magazine:</i>	Page 47 (2.13 D.7)
	Page 55 <i>Retracted Ticket Hopper:</i>	Page 48 (2.13 D.8)
	Page 55 <i>Stand Alone / On-Line Central Processing Unit:</i>	Page 48 (2.13 D.9)
	Page 55 <i>Technical Specifications:</i>	Page 48 (2.13 D.10.a)
	Page 55 <i>Ticket Encoder / Reader:</i>	Page 48 (2.13 D.10.b)
	Page 55 <i>Coin Handling Systems:</i>	Page 48 (2.13 D.10.c)
	Page 55 <i>Hopper:</i>	Page 48 (2.13 D.10.d)
	Page 55 - 56 <i>Note Handling Systems:</i>	Page 48 - 49 (2.13 D.10.e(1))
	Page 56 <i>The automatic pay-on-foot...</i>	Contains text not found in Madison RFP. Page 49 (2.13 D.10.e(2))
	Page 56 <i>Each automatic...</i>	Sentence not found in Madison RFP. NA
	Page 56 <i>Ticket / Debit Card:</i>	Page 49 (2.13 D.10.f)
	Page 56 - 57 <i>Computerized Hardware Modules:</i>	Page 49 - 50 (2.13 D.10.g)
	Page 57 - 58 <i>VFD Display:</i>	Page 50 - 51 (2.13 D.10.h) and (2.13 D.10.i)
	Page 58 <i>Real time Communication:</i>	Page 51 (2.13 D.10.j)
	Page 58 <i>At a minimum the following...</i>	Page 51 - 52 (2.13 D.10.k)
	Page 58 - 59 <i>The following information...</i>	Page 52 (2.13 D.10.l)
	Page 59 <i>Alarms shall be available...</i>	Page 52 (2.13 D.10.m)
	Page 59 <i>Invalid Ticket Control:</i>	Page 52 (2.13 D.11)
	Page 59 <i>Intercom:</i>	Contains text not found in Madison RFP. Page 52 (2.13 D.12)
	Milwaukee RFP does not contain Paragraph 2.13 D.13.a found in Madison RFP (page 52).	Page 52 (2.13 D.13.a) under "Considerations"
	Page 59 <i>The common read / write device...</i>	Contains text not found in Madison RFP. Page 52 (2.13 D.13.b)
	Page 59 <i>The ticket transport...</i>	Page 52 (2.13 D.13.c)
	Page 59 <i>All major components...</i>	Page 52 (2.13 D.13.d)

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	Page 59 <i>Detailed Hardware Specifications...</i>	Page 53 (2.13 D14)
	Page 59 <i>Pay-on-foot Station Housing:</i>	Page 53 (2.13 D15)
	Page 60 <i>Heating and Ventilation:</i>	Page 53 (2.13 D16)
Automatic Barrier Gate Technical Specifications:	Page 60 - 63 (3.13) (Section number in Milwaukee RFP is incorrectly written as 3.12).	Page 53 - 58 (2.13 E.1 - 9)
	Page 60 <i>General Description:</i>	Page 53 (2.13 E.1.a)
	Page 60 <i>The intelligent controller shall...</i>	Page 53 (2.13 E.1.b)
	Page 60 <i>The automatic barrier gate shall conform...</i>	Page 53 (2.13 E.1.c)
	Page 60 <i>MIB30-C100...</i>	Page 54 (2.13 E.2)
	Page 60 <i>Drive Unit:</i>	Page 54 (2.13 E.3.a)
	Page 60 - 61 <i>The unit shall be designed...</i>	Page 54 (2.13 E.3.b)
	Page 61 <i>A built-in spring mechanism...</i>	Page 54 (2.13 E.3.c)
	Page 61 <i>The components of the drive...</i>	Page 54 (2.13 E.3.d)
	Page 61 <i>When the boom reaches...</i>	Page 55 (2.13 E.3.e)
	Page 61 <i>In the event of a power...</i>	Page 55 (2.13 E.3.f)
	Page 61 <i>The combination of the drive...</i>	Page 55 (2.13 E.3.g)
	Page 61 <i>The boom shaft assembly...</i>	Page 55 (2.13 E.3.h)
	Page 61 <i>Drive unit technical data:</i>	Page 55 (2.13 E.4)
	Page 61 - 62 <i>Barrier Controller:</i>	Page 55 - 56 (2.13 E.5)
	Page 62 <i>Controller Technical Data:</i>	Page 56 (2.13 E.6)
	Page 62 - 63 <i>Controller Software:</i>	Page 56 - 57 (2.13 E.7.a)
	Page 63 <i>The software shall also permit:</i>	Page 57 (2.13 E.7.b)
	Page 63 <i>This information shall be displayed...</i>	Page 57 (2.13 E.7.c)
	Page 63 <i>Extended functions shall be...</i>	Page 57 (2.13 E.7.d)
	Page 63 <i>Housing:</i>	Page 57 (2.13 E.8)
	Page 63 <i>Boom Arm:</i>	Page 57 - 58 (2.13 E.9)
Computer Management System:	Page 63 - 72 (3.14)	Page 58 - 67 (2.13 F.1 - 15)
	Page 63 <i>The management server shall...</i>	Page 58 (2.13 F.1.a)
	Page 64 <i>The management server will...</i>	Page 58 (2.13 F.1.b)
	Page 64 <i>The Computer Management Software...</i>	Page 58 (2.13 F.2)
	Page 64 <i>The GUI shall provide...</i>	Page 58 (2.13 F.3.a)
	Page 64 <i>Facility Explorer:</i>	Page 58 (2.13 F.3.b)
	Page 64 <i>Alarms Monitor:</i>	Page 59 (2.13 F.3.c)
	Page 64 <i>Count Monitoring:</i>	Page 59 (2.13 F.3.d)
	Page 64 <i>Monthly / Contract Parker Lookup:</i>	Page 59 (2.13 F.3.e)
	Page 65 <i>Reports Explorer:</i>	Page 59 (2.13 F.3.f)
	Page 65 <i>Listed below are the minimum...</i>	Page 59 - 60 (2.13 F.3.g)

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	Page 65 <i>Security Server Overview:</i>	Page 60 (2.13 F.4.a)
	Page 65 <i>The security system shall...</i>	Page 60 (2.13 F.4.b)
	Page 66 <i>When a user logs...</i>	Page 60 (2.13 F.4.c & d)
	Page 66 <i>Credit Card:</i>	Page 60 (2.13 F.5.a)
	Page 66 <i>Process Debit Cards, including...</i>	Page 60 (2.13 F.5.b)
	Page 66 <i>Verify Credit Card Acceptance...</i>	Page 60 - 61 (2.13 F.5.c)
	Page 66 <i>Approve Transactions as...</i>	Page 61 (2.13 F.5.d)
	Page 66 <i>Include options for transaction...</i>	Page 61 (2.13 F.5.e)
	Page 66 <i>Process Credit Card Requests...</i>	Page 61 (2.13 F.5.f)
	Page 66 - 67 <i>Process Credit Cards from Multiple...</i>	Page 61 (2.13 F.5.g)
	Page 67 <i>Provide Alarms for Communications...</i>	Page 61 (2.13 F.5.h)
	Page 67 <i>Configurable Minimum and Maximum...</i>	Page 62 (2.13 F.5.i)
	Page 67 <i>Use Multiple Modems when...</i>	Page 62 (2.13 F.5.j)
	Page 67 <i>Maintain a Credit Card...</i>	Contains word not found in Madison RFP. Page 62 (2.13 F.5.k)
	Page 67 <i>Re-process Declined Offline...</i>	Contains paragraph not found in Madison RFP. Page 62 (2.13 F.5.l)
	Page 67 <i>Offer "Ticketless" Parking.</i>	Page 62 (2.13 F.5.m)
	Page 67 - 68 <i>Include Declining Balance...</i>	Page 62 - 63 (2.13 F.5.n)
	Page 68 <i>Monthly Fee Accounts:</i>	Page 63 (2.13 F.5.o)
	Page 68 <i>Reports:</i>	Page 63 (2.13 F.5.p)
	Page 68 - 69 <i>Database:</i>	Page 63 - 64 (2.13 F.6)
	Page 69 <i>Technical Specifications:</i>	Page 64 (2.13 F.7)
	Page 69 <i>The Management Server:</i>	Page 64 (2.13 F.8.a)
	Page 69 <i>The Management Server will use...</i>	Page 64 (2.13 F.8.b & c)
	Page 69 <i>Security of the system shall...</i>	Page 64 (2.13 F.8.d)
	Page 69 - 70 <i>Desktop Workstation:</i>	Page 64 - 65 (2.13 F.9)
	Page 70 <i>Printer:</i>	Page 65 (2.13 F.10)
	Page 70 <i>Peripheral Links:</i>	Page 65 (2.13 F.11)
	Page 70 <i>Modem(s):</i>	Page 65 (2.13 F.12)
	Page 70 <i>Detailed Hardware Specifications:</i>	Page 65 (2.13 F.13)
	Page 70 - 71 <i>Minimum requirements for Server Hardware:</i>	All tech specs. are a bit different, possibly due to changing technology during the years. See Milwaukee RFP for details. Page 66 (2.13 F.14(1) and (2))
	Page 71 <i>Minimum Workstation Hardware:</i>	Page 66 (2.13 F.14(3))
	Page 71 <i>Software Configuration:</i>	Page 66 (2.13 F.14(4))
	Page 71 <i>Network Software:</i>	Page 66 (2.13 F.14(5))
	Page 71 <i>Security:</i>	Page 67 (2.13 F.15.a)
	Page 72 <i>The security system...</i>	Page 67 (2.13 F.15.b)
	Page 72 <i>Access to service,...</i>	Page 67 (2.13 F.15.c)

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Parking Access Control Proximity System:	Page 72 - 79 (3.15)	Page 67 - 76 (2.13 G.1 - G.6.d(2))
	Page 72 <i>General Description:</i>	Page 67 (2.13 G.1.a)
	Page 72 - 73 <i>The requirement of the system...</i>	Milwaukee RFP does not contain Paragraph 2.13 G.1.b(11) (12) or (13) found in Madison RFP (page 68).
	Page 73 <i>Overview:</i>	Page 67 - 68 (2.13 G.1.b)
	Page 73 <i>Operational Functions:</i>	Page 68 (2.13 G.2)
	Page 73 <i>Space Zones-</i>	Page 69 (2.13 G.3)
	Page 73 <i>Time Zones-</i>	Page 69 (2.13 G.3(i))
	Page 73 <i>Limited Use-</i>	Page 69 (2.13 G.3(ii))
	Page 73 - 74 <i>AntiPassback Control-</i>	Page 69 (2.13 G.3(iii))
	Page 74 <i>Lot Counts-</i>	Milwaukee RFP does not contain Paragraph 2.13 G.3.(iv)(e) found in Madison RFP (page 69).
	Page 74 <i>Access ID Recognition-</i>	Page 69 (2.13 G.3(iv))
	Page 74 <i>Multiple Tag Option-</i>	Page 69 (2.13 G.3(v))
	Page 74 <i>Device Communications</i>	Page 69 (2.13 G.3(vi))
	Page 74 <i>Local Intelligence-</i>	Page 70 (2.13 G.3(vii))
	Page 74 <i>Network connections can be...</i>	Page 70 (2.13 G.4)
	Page 74 <i>The architecture of the communications...</i>	Page 70 (2.13 G.4(1))
	Page 75 <i>System Configuration and Setup:</i>	Page 70 (2.13 G.4(2))
	Page 75 <i>Software Configuration:</i>	Page 70 (2.13 G.4(3))
	Page 75 - 76 <i>Hardware Configuration:</i>	Page 71 (2.13 G.5)
	Page 76 <i>Administrative Functions:</i>	Page 71 - 72 (2.13 G.5.a)
	Page 76 <i>Account Administration:</i>	Page 72 (2.13 G.5.b)
	Page 77 <i>Revenue Control and Billing:</i>	Page 72 - 73 (2.13 G.6)
	Page 77 <i>The parking access control system software shall</i>	Milwaukee RFP does not contain sentences found in Madison RFP (page 72 - 73).
	Page 77 <i>The parking access control system software shall also</i>	Page 72 - 73 (2.13 G.6.a)
	Page 77 <i>Automated processes shall be...</i>	Page 73 (2.13 G.6.b(1))
	Page 77 - 78 <i>Inquiry and Reporting</i>	Page 73 - 74 (2.13 G.6.b(1)(i))
	Page 78 <i>It shall be possible...</i>	Page 74 (2.13 G.6.b(1)(ii))
	Milwaukee RFP does not contain Paragraph 2.13 G.6.d(1) found in Madison RFP (page 76).	Page 74 (2.13 G.6.b(2))
	Page 78 <i>Security:</i>	Page 74 - 75 (2.13 G.6.c(1))
	Page 79 <i>The required security...</i>	Page 75 - 76 (2.13 G.6.c(2))
		Page 76 (2.13 G.6.d(1))
		Page 76 (2.13 G.6.d(3))
		Page 76 (2.13 G.6.d(2))

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Section	Milwaukee RFP	Madison RFP
Computer Network:	Page 79 (3.16)	Page 76 - 77 (2.13 G.6.e(1) - G.6.e(1)(iii))
	Page 79 <i>The system shall be...</i>	Page 76 - 77 (2.13 G.6.e.(1))
	Page 79 <i>Typical System Components:</i>	Page 77 (2.13 G.6.e.(1)(i))
	Page 79 <i>Software Components:</i>	Tech specs. are a bit different. See Milwaukee RFP for details. Page 77 (2.13 G.6.e.(1)(ii))
	Page 79 <i>Proximity Access Control Reader:</i>	Color and size omitted from Madison RFP. Page 77 (2.13 G.6.e.(1)(iii))
Distributed Processing Controller Panel:	Page 80 - 81 (3.17)	Page 77 - 79 (2.13 H.1 - 10)
	Page 80 <i>General Description</i>	Page 77 (2.13 H.1.a)
	Page 80 <i>This device shall maintain...</i>	Page 78 (2.13 H.1.b)
	Page 80 <i>The (DPCP) shall perform...</i>	Page 78 (2.13 H.1.c)
	Page 80 <i>The unit shall provide...</i>	Page 78 (2.13 H.1.d)
	Page 80 <i>The panel memory shall be...</i>	Page 78 (2.13 H.1.e)
	Page 80 <i>The (DPCP) unit shall be capable...</i>	Page 78 (2.13 H.1.f)
	Page 80 <i>The (DPCP) unit shall support...</i>	Milwaukee RFP has omitted text found in Madison RFP (page 78). Page 78 (2.13 H.1.g)
	Page 80 <i>The unit shall perform...</i>	Page 78 (2.13 H.1.h)
	Milwaukee RFP does not contain Paragraph 2.13 H.2.a found in Madison RFP (page 78 - 79).	Page 78 - 79 (2.13 H.2.a)
	Page 80 <i>The (DPCP) unit shall perform relay...</i>	Page 79 (2.13 H.2.b)
	Page 80 <i>Hardware Specifications shall be per...</i>	Page 79 (2.13 H.3)
	Page 81 <i>Memory and Clock Backup:</i>	Page 79 (2.13 H.4)
	Page 81 <i>Communications:</i>	Contains text not found in Madison RFP Page 79 (2.13 H.5)
	Page 81 <i>Ports:</i>	Contains text not found in Madison RFP Page 79 (2.13 H.6)
	Page 81 <i>Inputs:</i>	Page 79 (2.13 H.7)
	Page 81 <i>Environmental:</i>	Page 79 (2.13 H.8)
	Milwaukee RFP does not contain Paragraph 2.13 H.9 found in Madison RFP (page 79).	Page 79 (2.13 H.9)
	Page 81 <i>Listings:</i>	Page 79 (2.13 H.10)
Uninterruptible Power Supply (UPS) Specifications:	Page 81 - 82 (3.18)	Page 79 - 81 (2.13 I.1 - 2)
	Page 81 <i>Performance power protection...</i>	Page 79 (2.13 I)
	Page 81 - 82 <i>Features and Benefits:</i>	Milwaukee RFP has omitted text found in Madison RFP (page 80). Page 80 (2.13 I.1)
	Page 82 <i>Manageability...</i>	Milwaukee RFP has omitted text found in Madison RFP (page 80 - 81). Page 80 - 81 (2.13 I.2)

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Section	Milwaukee RFP	Madison RFP
Internal Telephone System:	Page 82 - 85 (3.19.1 - 3.19.3)	Page 81 - 84 (2.13 J.1 - 4)
	Page 82 <i>The remote or emergency...</i>	Page 81 (2.13 J.1)
	Page 82 - 83 (3.19.1) <i>The substation telephone...</i>	Page 81 - 82 (2.13 J.2)
	Page 83 - 84 <i>Power Requirements-</i>	Page 82 - 83 (2.13 J.3)
	Page 84 - 85 (3.19.2 - 3.19.3) <i>Consolidator Design and Functionality:</i>	Page 83 - 84 (2.13 J.4)
Execution:	Page 86 - 87 (4.1)	Page 85 - 86 (3.1)
	Page 86 <i>Existing Conditions:</i>	Page 85 (3.1 A)
	Page 86 <i>It is the responsibility...</i>	Page 85 (3.1 B)
	Page 86 <i>Verification of the existence...</i>	Page 85 (3.1 C)
	Page 86 <i>Any additional construction...</i>	Page 85 (3.1 D)
	Page 86 <i>The CSC shall be responsible...</i>	Page 85 (3.1 E)
	Page 86 <i>This work will occur...</i>	Page 85 - 86 (3.1 F)
	Page 86 <i>The necessary electrical power...</i>	Page 86 (3.1 G)
	Page 86 <i>It shall be the CSC's responsibility...</i>	Page 87 (3.1 H)
Phasing of Equipment Installation:	Page 87 (4.2)	Page 86 (3.2)
	Page 87 <i>The City of Milwaukee...</i>	Page 86 (3.2 A)
	Page 87 <i>The CSC shall provide...</i>	Page 86 (3.2 B)
	Page 87 <i>It shall be the CSC's...</i>	Page 86 (3.2 C)