DEVLOPMENT AND TOURISOM REGION AUTHORITY (PTDRA)

سلطة إقليم البترا التنموي السياحي

العطاء رقم (م . ع 2024/1) مشروع استحداث نظام تذاكر الدخول لموقف الباصات السياحية

Date: 14/01/2024

RFP Ref. 2024/1 م . ع

Deadline: 30/01/2024

نموذج كتاب عرض المناقصة
Letter of Tender

المشروع : ..... العطاء رقم : .....

إلى السادة (صاحب العمل) : .....

لقد قمنا بزيارة الموقع والتعرف على الظروف المحيطة به، كما قمنا بدراسة شروط العقد، والمواصفات، والمخططات، وجداول الكميات، وملحق عرض المناقصة، والجداول الأخرى، وملاحق العطاء ذات الأرقام:..... المتعلقة بتنفيذ أشغال المشروع المذكور أعلاه. ونعرض نحن الموقعين أدناه أن نقوم بتنفيذ الأشغال وإنجازها وتسليمها وإصلاح أية عيوب فيها وفقا لهذا العرض الذي يشمل كل هذه الوثائق المدرجة أعلاه مقابل مبلغ إجمالي وقدره:..... أو أي مبلغ آخر يصبح مستحقا لنا بموجب شروط العقد.

إننا نقبل تعيين "مجلس فض الخلافات" بموجب "الفصل العشرين" من شروط العقد وسوف نقوم بالاتفاق على تعيين أعضائه حسب ملحق عرض المناقصة.

نوافق على الالتزام بعرض المناقصة هذا لمدة (90) يوما من تاريخ إيداع العروض، وأن يبقى العرض ملزما لنا، ويمكنكم قبوله في أي وقت قبل انقضاء مدة الالتزام هذه. كما نقر بأن ملحق عرض المناقصة يشكل جزءا لا يتجزأ من "كتاب عرض المناقصة".

نتعهد في حالة قبول عرضنا، أن نقدم ضمان الأداء المطلوب بموجب المادة (2/4) من شروط العقد، وأن نباشر العمل بتاريخ أمر المباشرة، وأن ننجز الأشغال ونسلمها ونصلح أية عيوب فيها وفقا لمتطلبات وثائق العقد خلال "مدة الإنجاز".

وما لم يتم إعداد وتوقيع اتفاقية العقد فيما بيننا، وإلى أن يتم ذلك، فإن "كتاب عرض المناقصة" هذا مع "كتاب القبول أو قرار الإحالة" الذي تصدرونه يعتبر عقدا ملزما فيما بيننا .
ونعلم كذلك بأنكم غير ملزمين بقبول أقل العروض قيمة أو أي من العروض التي تقدم إليكم.

حرر هذا العرض في اليوم: ..... من شهر: ..... عام: .....
توقيع المناقص: ..... شاهد: .....

ملحق عرض المناقصة

Appendix to Tender

المشروع: استحداث نظام تذاكر الدخول لموقف الباصات السياحية العطاء رقم: م . ع 2024/1

البيـــان	رقم المادة	التحديدات
اسم صاحب العمل: عنوانه:	2/2/1/1 و3/1	سلطة اقليم البترا التنموي السياحي البترا – الاردن ص ب (28)
اسم المهندس : عنوانه:	4/2/1/1	
اسم المقاول: عنوانه:	3/2/1/1 و3/1	
كفالة المناقصة	التعليمات	(1000) ألف دينار فقط لا غير.
كفالة اصلاح العيوب	التعليمات	(5 %) من قيمة العقد.
مدة الإنجاز للأشغال	3/3/1/1	(60) يوما تقويميا من تاريخ توقيع أمر المباشرة.
فترة الإشعار بإصلاح العيوب	7/3/1/1	(540) يوما تقويميا.
القانون الذي يحكم العقد	4/1	القوانين الأردنية السارية المفعول
اللغة المعتمدة في العقد	4/1	اللغة العربية
لغة الاتصال	4/1	اللغة العربية
المدة التي سيمنح فيها المقاول حق الدخول إلى الموقع	1/2	(7) أيام تقويمية من تاريخ أمر المباشرة.
قيمة ضمان الأداء قيمة ضمان الأداء خلال فترة الإشعار بإصلاح العيوب (ضمان اصلاح العيوب)	2/4	(10%) من "قيمة العقد المقبولة" (ـ %) من قيمة العقد
نظام توكيد الجودة	9/4	مطلوب
أوقات العمل المعتادة	5/6	
الفترة المحددة لمباشرة العمل بعد التاريخ المحدد للمباشرة	1/8	(15) يوما، وتعتبر هذه الفترة مشمولة ضمن مدة الإنجاز
قيمة تعويضات التأخير	7/8	(60) دينار عن كل يوم تأخير.

نموذج كفالة المناقصة
Form of Tender Guarantee

المشروع: ..... العطاء رقم: .....

إلى السادة (صاحب العمل): ..... لقد تم إعلامنا أن المناقص: شركة: ..... سيتقدم بعرض للمناقصة للمشروع المنوه عنه أعلاه استجابة لدعوة العطاء، ولما كانت شروط العطاء تنص على أن يتقدم المناقص بكفالة مناقصة مع عرضه، وبناء على طلبه، فإن مصرفنا: بنك ..... يكفل بتعهد لا رجعة عنه أن يدفع لكم مبلغ: ..... عند ورود أول طلب خطي منكم وبحيث يتضمن الطلب ما يلي:

أ – أن المناقص، بدون موافقة منكم، قام بسحب عرضه بعد انقضاء آخر موعد لتقديم العروض أو قبل انقضاء صلاحية العرض المحددة بـ(90) يوما، أو

ب– أنكم قد قمتم بإحالة العطاء عليه، ولكنه أخفق في ابرام اتفاقية العقد بموجب المادة (6/1) من شروط العقد، أو

ج– أنكم قد قمتم باحالة العطاء عليه ، ولكنه أخفق في تقديم ضمان الأداء بموجب المادة (2/4) من شروط العقد.

وعلى أن يصلنا الطلب قبل انقضاء مدة صلاحية الكفالة البالغة (90) يوما ويتعين إعادتها إلينا، كما أن هذه الكفالة تحكمها القوانين المعمول بها في الأردن.

توقيع الكفيل / البنك: .....

المفوض بالتوقيع: .....

التاريخ: .....

د-4

نموذج اتفاقية العقد

Form of Contract Agreement

المشروع:.. مشروع استحداث نظام تذاكر الدخول لموقف الباصات السياحية

العطاء رقم: م . ع 2024/1

حررت هذه الاتفاقية في هذا اليوم ..... من شهر ..... لسنة 2024

بين

صاحب العمل .....سلطة إقليم البترا التنموي السياحي .. .... على اعتباره "الفريق الأول"

و

المقاول ..... على اعتباره "الفريق الثاني"

لما كان صاحب العمل راغبا في أن يقوم المقاول بتنفيذ أشغال مشروع: **مشروع استحداث نظام تذاكر الدخول لموقف الباصات السياحية.**

ولما كان قد قبل بعرض المناقصة الذي تقدم به المقاول لتنفيذ الأشغال وإنجازها وإصلاح أية عيوب فيها وتسليمها وفقا لشروط العقد،

فقد تم الاتفاق بين الفريقين على ما يلي:

1 - يكون للكلمات والتعابير الواردة في هذه الاتفاقية نفس المعاني المحددة لها في شروط العقد المشار إليها فيما بعد.

2 - تعتبر الوثائق المدرجة تاليا جزءا لا يتجزأ من هذه الاتفاقية وتتم قراءتها وتفسيرها بهذه الصورة:

أ - "كتاب القبول" .....

ب - "كتاب عرض المناقصة .....

ج - ملاحق المناقصة ذات الأرقام: .....

د – شروط العقد (الخاصة والعامة)

هـ – المواصفات وكما هو وارد في نموذج استدراج العروض المرفق بطيه .

و – المخططات

ز – والجداول المسعرة (جداول الكميات والجداول الأخرى)

3 – "قيمة العقد المقبولة" ( )

"مدة الإنجاز" ( ) يوما تقويميا

4 – إزاء قيام صاحب العمل بدفع الدفعات المستحقة للمقاول وفقا للشروط، يتعهد المقاول بتنفيذ الأشغال وإنجازها وإصلاح أية عيوب فيها وتسليمها وفقا لأحكام العقد.

5 – إزاء قيام المقاول بتنفيذ الأشغال وإنجازها وإصلاح أية عيوب فيها وتسليمها، يتعهد صاحب العمل بأن يدفع إلى المقاول قيمة العقد بموجب أحكام العقد في المواعيد وبالأسلوب المحدد في العقد.

وبناءا على ما تقدم فقد اتفق الفريقان على إبرام هذه الاتفاقية وتوقيعها في الموعد المحدد أعلاه وذلك وفقا للقوانين المعمول بها.

الفريق الثاني (المقاول)	**الفريق الأول (صاحب العمل)**
التوقيع:	**التوقيع:** .....
الاسم:	**الاسم:..** .....
الوظيفة:	**الوظيفة: مفوض البنية التحتية والاستثمار**
وقد شهد على ذلك:	**وقد شهد على ذلك:** .....

نموذج كفالة المناقصة
Form of Tender Guarantee

المشروع: ..... العطاء رقم: .....

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توقيع الكفيل / البنك: .....

المفوض بالتوقيع: .....

التاريخ:.....

نموذج ضمان الأداء (كفالة حسن التنفيذ)
Performance Guarantee

إلى السادة: ..... يسرنا إعلامكم
بأن مصرفنا: ..... قد كفل بكفالة مالية، المقاول:
.....
.....

بخصوص العطاء رقم (/)
المتعلق بمشروع: ..... بمبلغ: (
.....) دينار أردني .....
..... وذلك لضمان تنفيذ العطاء المحال عليه حسب الشروط الواردة في وثائق عقد المقاولة، وأننا نتعهد بأن ندفع لكم – بمجرد ورود أول طلب خطي منكم المبلغ المذكور أو أي جزء تطلبونه منه بدون أي تحفظ أو شرط – مع ذكر الأسباب الداعية لهذا الطلب بأن المقاول قد رفض أو أخفق في تنفيذ أي من التزاماته بموجب العقد – وذلك بصرف النظر عن أي اعتراض أو مقاضاة من جانب المقاول على إجراء الدفع.
وتبقى هذه الكفالة سارية المفعول من تاريخ إصدارها ولحين تسلم الأشغال المنجزة بموجب العقد المحدد مبدئيا بتاريخ ..... شهر ..... من عام ..... ما لم يتم تمديدها أو تجديدها بناء على طلب صاحب العمل.

توقيع الكفيل / مصرف: .....
المفوض بالتوقيع: .....
التاريخ: .....

Petra Development & Tourism Region Authority
سلطة إقليم البترا التنموي السياحي

PARKING MANAGEMENT SYSTEM

PETRA DEVELOPMENT TOURISM REGIONAL AUTHORITY

Contents

1. About PDTRA

PDTRA, established in 2009, is an autonomous financial and administrative authority dedicated to fostering economic, social, cultural, and tourism development within the region. PDTRA's mission also extends to contributing to local community development. The authority is governed by a Board of Commissioners comprising five members, including the President, Vice President, and a member with authorization over the Petra Reserve. These appointments are made by the Prime Ministry and subsequently approved by His Majesty King Abdullah II.

2. Current Situation

The prevailing parking management paradigm at the Petra Development & Tourism Region Authority (PDTRA) currently relies on labor-intensive, manual procedures. PDTRA extends its parking services to accommodate tourism buses and automobiles through the deployment of on-site personnel or operators stationed at the facility. Upon the arrival of each vehicle, a rudimentary system is employed wherein a small paper ticket is issued to record the precise time of entry. Subsequently, upon the vehicle's departure, the appointed attendant retrieves the ticket, which delineates the entry and exit timestamps. It is then the attendant's responsibility to manually compute the parking fees based on these time differentials. Regrettably, this entire operational process is marked by its lack of precision, as it relies on human intervention and lacks the sophistication of automated tracking and reporting mechanisms. The absence of such modern amenities considerably impedes PDTRA's ability to optimize its parking services, restricts the overall throughput, and diminishes the potential for a more streamlined and efficient vehicle management system capable of catering to an increased volume of vehicles.

3. Objectives

Petra Development & Tourism Region Authority (PDTRA) is unceasingly committed to enhancing the overall facilities in Wadi Musa, particularly in the iconic Petra region, with a paramount focus on elevating the tourism experience to new heights. This commitment is underpinned by a dedication to maintaining precise control, which not only aids in PDTRA's pursuit of maximizing benefits but also ensures the proficient execution of its responsibilities in a professional manner.

A pivotal facet of this endeavor involves the optimization of the parking experience for all PDTRA visitors. In pursuit of this objective, PDTRA is actively seeking a state-of-the-art parking management system that can efficiently oversee and monitor the existing parking infrastructure. The primary objectives guiding this initiative encompass:

1- Ensuring effortless entry for all visitors.
2- Implementing enhanced control over the ingress and egress of vehicles, including tourism buses.
3- Establishing a comprehensive monitoring system for parking operations.
4- Augmenting security measures for vehicles within the parking area.
5- Introducing overnight auditing of the parking facilities to detect any irregularities or incidents pertaining to visitors' vehicles.
6- Implementing stringent financial controls to manage parking revenue effectively.
7- Mitigating the potential for human errors that may arise due to oversight or forgetfulness.
8- Exploring additional advanced features to further optimize the parking experience.

By aligning these objectives, PDTRA aims to not only facilitate the seamless flow of visitors but also to elevate the overall quality and efficiency of its parking services. This endeavor underscores PDTRA's unwavering commitment to ensuring that every aspect of the visitor experience in the Petra region is of the highest standard and aligns with international best practices in tourism management.

4. System Requirements

Summary

Ref #	Summary	Qty
1		
1.1	Automatic barrier gates.	2
1.2	Entry terminal ticket dispensers.	1
1.3	Smart Reader for Fee Computer (Cash Desk)	1
1.4	Smart Reader for (Driver)	1
1.5	Fees Computer	1
1.6	Parking Management Software.	1
1.7	Server with Desktop Card Rader for programming cards	1
1.8	License Plate Recognition Camera.	2

4.1 Automatic barrier gates.

We are seeking Parking barriers tailored for heavy-traffic locations. These barriers must offer fast opening times, a long lifespan, exceptional reliability, and top-notch quality. Additionally, they should feature an attractive design, demonstrate extremely low operating costs, ensure ease of use, and encompass a wide range of functionalities. In summary, we are in search of parking barriers that are the preferred choice for car park operators and solution providers (OEMs) aiming to deliver a straightforward and dependable access control system.

Technical Specifications:

- Lane Width: Suitable for lane widths of 3.5 meters.
- Dimensions (LxWxH): Specifically designed with dimensions of (315 x 360 x 915 mm).
- Weight (without boom): Lightweight, weighing 44 kg, for ease of installation.
- Mains Power Voltage: 85-264 Vac, 50-60 Hz.
- Max Power: Optimized for efficient power usage, with a maximum power consumption of 95 W.
- Operating Temperature: Suitable for operation in temperatures ranging from -30°C to +55°C.
- IP Protection Class: Designed to meet IP protection class IP43 requirements.
- Integrated 2-Channel Loop Detector: Standard feature for enhanced functionality.
- Opening/Closing Time: Swift operation with a cycle time of 1.3 seconds.
- Compliance & Certifications: RoHS compliant and certified to industry standards.

4.2 Entry terminal ticket dispensers.

We require a flexible unit capable of comprehensive lane entry control through the issuance of barcode tickets and/or the verification of cards and tags. The parking station must be designed in a compact format, making it the ideal solution for parking entrances at sites with restricted space.

Technical Specifications:

- Thermal paper roll support for 8000 tickets (80gsm) or 4000 tickets (140gsm).
- TCP/IP network protocol for communication.
- Option for license plate recognition.
- VOIP intercom functionality.
- Two lockable access doors.
- AISI 430 inox steel construction (1.5mm thick).
- Two inox steel doors painted RAL 7021.
- Inox steel housing painted RAL 7021.Intercom button with cover.
- Backlit push button for ticket request.
- 2D thermal printer unit with cutter.
- Thermal paper roll or fan-fold ticket format.
- Electronic control board for TCP/IP communication.
- Heater and fan with thermostat.
- Customizable housing and doors.
- Option for active or passive AVI readers.
- 320x240 pixels LCD monochrome screen.
- Multifrequency card reader (125 KHz and Mifare).
- 2D/1D Valiscan barcode reader
- Optional 7-inch LCD screen.
- High resolution printer-200 DPI (8 dots/mm)
- 4 configurable inputs for external readers

Operational Characteristics:

- Online Communication: The system communicates with a remote server.
- Activation: Users can activate the system with a push button and receive a ticket with entry time and date recorded automatically.
- Ticket Numbering: Programmable ticket numbering is supported.
- Low-Ticket Alarm: An alarm alerts when ticket stock is running low.
- Out-of-Ticket Alarm: An alarm notifies when tickets are exhausted.
- Ticket Jam Detection: The system detects and handles ticket jams.
- Test Ticket Printing: It can print test tickets for system validation.
- Dynamic Tariffing: Supports up to 16 different tariffs based on external inputs from a single entry terminal.

4.3 Smart Reader for Fee Computer (Cash Desk & On pole for Driver) Qty. 2

We need a Mini Controller device capable of enabling vehicle access to a designated area within the car park. This device should be mountable on poles or walls to ensure versatility. Depending on configuration, it should support the handling of barcode tickets, proximity cards, and Bluetooth access.

Physical Characteristics:

- Requires a 1D/2D barcode scanner.
- Utilizes TCP/IP network protocol.
- Includes an option for license plate recognition.
- Can be mountable on either poles or walls or cash desk.

- Operational Characteristics:
- Allows online communication with a remote server.
- For scanning tickets at the exit reader:
    - Valid Exit Ticket triggers an automatic barrier arm raise.
    - Invalid Exit Ticket displays "Pay Cashier First."
    - Expired Grace Time Exit Ticket displays "Access Denied."

4.4 Fees computer system

Essential features

- Provide a fee computer terminal with a 15 -inch touch screen POS display, Include an option for a 10 -inch fee display.
- Offer an intuitive graphical user interface for easy operation.
- Support ticket validation, receipt printing, and lost ticket handling.
- Include a tower casing with a ticket scanner and card reader.
- Ensure network connectivity via TCP/IP.
- Enable payment processing for parking tickets and user card transactions.
- Support contactless reading of barcoded tickets.
- Implement operator identification through user names and passwords.
- Include a built-in high-speed thermal printer with an automatic cutter for receipt printing.

Summary of Operational Characteristics:

- Calculate parking fees based on entry times from ticket dispenser.
- Calculate taxes as a percentage and fixed amount.

- Implement programmable lost ticket handling.
- Display fees on a remote device.
- Accept payments in cash, credit card, debit card, and merchant tickets.
- Calculate and provide change.
- Generate printed receipts.
- Create an audit trail for transactions.
- Support programmable special event validations.
- Enable automatic activation for limited date and time validations.
- Support programmable merchant validations.
- Implement multiple security levels, including cashier and master access.
- Allow for recalling the last transaction.
- Display or print cash audit, revenue, operational, and statistical reports.
- Include a duress alarm output for emergency situations.
- Desktop Card Rader for programming cards

4.5 Plate Recognition Units

The purpose of this RFP is to procure the latest generation of license plate recognition units to enhance security and facilitate smart mobility solutions within car parks.

Key Requirements:

- Motorized Lens: The license plate recognition units must incorporate motorized lenses for zoom and focus adjustment to ensure accurate and flexible image capture.
- Configuration Tool: The units should provide a web-based configuration tool for convenient and customizable settings management.
- OCR Engine: They must feature a built-in Optical Character Recognition (OCR) engine for efficient license plate recognition.
- International Compatibility: The units must support license plate recognition for multiple countries, including but not limited to the Middle East, Africa, America, and Europe, ensuring broad geographical applicability.
- 24/7 Operability: The units should be designed for continuous operation, 24 hours a day, 365 days a year, without compromising performance.
- Temperature Range: The license plate recognition units must be capable of functioning effectively within a temperature range from -25°C to +50°C to withstand varying environmental conditions.
- Environmental Protection: The camera housing of the units must meet the IP67 standard for protection against dust and water ingress, ensuring durability and longevity in challenging environments.

4.6 Parking Management Software

The Parking Management System Software required is a web-based platform featuring a tile-based user interface.

Operation and Features:

- Data Collection: Collect data for revenue and activity reporting.
- Dashboard Access: Provide direct access to all functionalities from the dashboard.
- User-Friendly Interface: Utilize intuitive point-and-click icons for user convenience.
- Alarm and Notification Control: Enable centralized management of alarms, notifications, and intercoms.
- Site Control: Support both site control and customer support from the unified dashboard.
- Contract Management: Include capabilities for contract management.
- Data Analytics: Offer a toolset for analytical data mining, report presentation, and Business Intelligence (BI).
- Dashboard Customization: Allow customization for tailored user experiences.
- Multi-User: Support multiple users for collaborative use.
- Multi-Site: Enable unified management of multiple parking sites.
- Digital Signage: Provide a platform for digital signage management.
- Monitoring: Offer graphical and analytical monitoring features.
- Real-Time Monitoring: Enable real-time monitoring locally and remotely.
- Parking Occupancy: Display parking occupancy in a multi-tile view.
- Scalable Reporting: Include scalable reporting capabilities.
- Tableau Integration: Integrate with Tableau for advanced data visualization and analysis.
- Parking Demand Forecasting: Incorporate functionalities for parking demand forecasting.
- Geospatial Dashboards: Provide geospatial dashboard capabilities.
- Remote Control: Enable remote control with video and audio feed.
- License Plate Recognition (LPR): Include LPR management and inventory features.

Features Available on Request:

- Blocklist/Warning List: Allow operators to add plate numbers to a blocklist to prevent entry to the parking area or add them to a warning list to trigger alarms upon detection. Also, provide the option to disable entry/exit for a specified number of days.
- Scan to Pay: Enable operators to print a QR code on tickets for payment via third-party mobile apps/websites.
- Data Export Module: Allow seamless integration with third-party ERP systems.
- Multi-Use Ticket Profiles: Permit the creation of multi-use ticket profiles with temporary validity, which can be sold at Automatic PlayStation.
- Third-Party Barcodes: Support the use of third-party barcodes for offering discounts without the need for integration.

4.7 Other Requirement

As part of the comprehensive RFP requirements, we seek the inclusion of infrastructure provisions encompassing cabling, power, and networking, including any civil works for project. This essential infrastructure is vital to ensure seamless and efficient operation while adhering to the highest industry standards. We expect that the proposed solution will encompass robust cabling systems, reliable power supply configurations, and a resilient networking infrastructure, all meticulously designed to support the functionality and performance of the proposed parking management system. The infrastructure components should be capable of integration within the existing environment, providing scalability and flexibility while minimizing disruptions and civil work dependencies. Vendors are encouraged to present their detailed plans and specifications for these infrastructure elements, aligning with the overall requirements outlined in this RFP.

5. Compliance Assessment

5.1 Automatic barrier gates.

Ref #	Requirement Description	Compliance (Yes/No)	Comments/Details
1			
1.1	Lane Width: Suitable for lane widths of 3.5 meters.	[ ] Yes	
1.2	Dimensions (LxWxH): Designed with dimensions of (315 x 360 x 915 mm).	[ ] Yes	
1.3	Weight (without boom): Lightweight at 44 kg for ease of installation.	[ ] Yes	
1.4	Mains Power Voltage: 85-264 Vac, 50-60 Hz.	[ ] Yes	
1.5	Max Power: Max power consumption of 95 W.	[ ] Yes	
1.6	Operating Temperature: Operable from -30°C to +55°C.	[ ] Yes	
1.7	IP Protection Class: Must meet IP43 requirements.	[ ] Yes	
1.8	Integrated 2-Channel Loop Detector: Standard feature for enhanced functionality.	[ ] Yes	
1.9	Opening/Closing Time: Cycle time of 1.3 seconds.	[ ] Yes	
1.10	Compliance & Certifications: RoHS compliant and industry-standard certified.	[ ] Yes	

5.2 Entry terminal ticket dispensers.

Ref #	Requirement Description	Compliance (Yes/No)	Comments/Details
1			
1.1	Thermal Paper Roll Support	[ ] Yes	
1.2	Thermal Paper Roll Support	[ ] Yes	
1.3	Option for License Plate Recognition	[ ] Yes	
1.4	Two Lockable Access Doors	[ ] Yes	
1.5	AISI 430 Inox Steel Construction (1.5mm Thick)	[ ] Yes	
1.6	Two Inox Steel Doors Painted RAL 7021	[ ] Yes	
1.7	Inox Steel Housing Painted RAL 7021	[ ] Yes	
1.8	Intercom Button with Cover	[ ] Yes	
1.9	Backlit Push Button for Ticket Request	[ ] Yes	
1.10	2D Thermal Printer Unit with Cutter	[ ] Yes	
1.11	Heater and Fan with Thermostat	[ ] Yes	
1.12	Option for Active or Passive AVI Readers	[ ] Yes	
1.13	320x240 Pixels LCD Monochrome Screen	[ ] Yes	
1.14	Optional 7-Inch LCD Screen	[ ] Yes	
1.15	Multifrequency card reader (125 KHz and Mifare).	[ ] Yes	
1.16	2D/1D Valiscan barcode reader	[ ] Yes	
1.17	4 Configurable Inputs for External Readers	[ ] Yes	

5.3 Smart Reader for Fee Computer Janus (Cash Desk)

Ref #	Requirement Description	Compliance (Yes/No)	Comments/Details
1			
1.1	1D/2D Barcode Scanner	[ ] Yes	
1.2	TCP/IP Network Protocol	[ ] Yes	
1.3	Option for License Plate Recognition	[ ] Yes	
1.4	Mountable on Poles, Walls, and Cash Desk	[ ] Yes	
1.5	Valid Exit Ticket triggers an Automatic Barrier Arm Raise	[ ] Yes	
1.6	Scanning Tickets at the Exit Reader:	[ ] Yes	
1.7	Invalid Exit Ticket displays "Pay Cashier First"	[ ] Yes	
1.8	Expired Grace Time Exit Ticket displays "Access Denied"	[ ] Yes	

5.4 Fees computer system

Ref #	Requirement Description	Compliance (Yes/No)	Comments/Details
1			
1.1	15-inch Touch Screen POS Display with 10-inch Option	[ ] Yes	
1.2	Intuitive GUI for User-Friendly Operation	[ ] Yes	
1.3	Ticket Validation, Receipt Printing, Lost Ticket Handling	[ ] Yes	
1.4	Payment Processing for Parking Tickets and User Card Transactions	[ ] Yes	
1.5	Calculate Parking Fees Based on Entry Times	[ ] Yes	
1.6	Calculate Taxes as Percentage and Fixed Amount	[ ] Yes	
1.7	Programmable Lost Ticket Handling	[ ] Yes	
1.8	Display Fees on a Remote Device	[ ] Yes	
1.9	Create an Audit Trail for Transactions	[ ] Yes	
1.10	Programmable Special Event Validations	[ ] Yes	
1.11	Programmable Merchant Validations	[ ] Yes	
1.12	Multiple Security Levels, Including Cashier and Master Access	[ ] Yes	
1.13	Recall the Last Transaction	[ ] Yes	

5.5 Plate Recognition Units

Ref #	Requirement Description	Compliance (Yes/No)	Comments/Details
1			
1.1	Motorized Lens for zoom and focus adjustment	[ ] Yes	
1.2	Web-based Configuration Tool	[ ] Yes	
1.3	Built-in OCR Engine for License Plate Recognition	[ ] Yes	
1.4	International Compatibility for Multiple Countries	[ ] Yes	
1.5	24/7 Operability Without Performance Compromise	[ ] Yes	
1.6	Effective Operation in -25°C to +50°C Temperature Range	[ ] Yes	
1.7	IP67 Environmental Protection for Durability	[ ] Yes	
1.8	Multi-User	[ ] Yes	

5.6 Parking Management Software

Ref #	Requirement Description	Compliance (Yes/No)	Comments/Details
1			
1.1	Web-based platform with tile-based UI	[ ] Yes	
1.2	Data Collection	[ ] Yes	
1.3	Dashboard Access	[ ] Yes	
1.4	User-Friendly Interface	[ ] Yes	
1.5	Alarm and Notification Control	[ ] Yes	
1.6	Site Control	[ ] Yes	
1.7	Data Analytics	[ ] Yes	
1.8	Multi-User	[ ] Yes	
1.9	Multi-Site	[ ] Yes	
1.10	Real-Time Monitoring	[ ] Yes	
1.11	Remote Control	[ ] Yes	
1.12	License Plate Recognition (LPR)	[ ] Yes	
1.13	Data Export Module	[ ] Yes	
1.14	Multi-Use Ticket Profiles	[ ] Yes	

6. Proposal Evaluation

General

Bidders may not contact the PDTRA team or any member of the evaluation committee regarding this tender, their tendering documents, and/or any other related issues from the time the received proposals are opened until the final contract is successfully awarded. A bidder wishing to submit any given information to the PDTRA shall do so in writing at the address indicated in the Data Sheet. Any effort by the firm to influence the PTDRA and or members of the evaluation committee during the evaluation and awarding period will result in immediate disqualification.

6.1 Evaluation Criteria

The evaluation of the successful proposal shall be based on the highest level of receptiveness to the PDTRA's requirements and shall not be solely restricted to the lowest cost proposed.

A proposal to be considered unsuitable shall be rejected if it does not respond to important aspects of the Terms of Reference or if it fails to achieve the minimum technical score indicated in the Data Sheet.

The evaluation of the proposals received will be based on a combination of the technical proposal evaluation, the financial proposal evaluation, and the time frame to conclude the assignment. The criteria of the evaluation will comprise these key elements with a total of 100 points, which is divided into several evaluation segments. A proposal which obtains less than 75/100 in the technical proposal will disqualify and therefore not be evaluated financially.

6.2 Evaluation of Technical Proposals (50 points)

The technical proposal will be rated according to the following criteria:

Qualifications and competence of personnel;

Adequacy of approach and methodology;

Responsiveness to the TOR requirements;

Profile of the bidding firm and relevant experience;

The total time frame for implementing the complete project (maximum permissible duration is 2 months)

6.3 Evaluation of Financial Proposals (50 points)

If the technical proposal achieves the minimum of (75 % * 50), the financial evaluation will be taken into account in accordance to these guidelines:

The total amount of points for the cost component is 50. The maximum number of points shall be allotted to the lowest fees proposed by the qualified bidders the points for the other proposals are computed by dividing the lowest proposal by each subsequent proposal, and multiplying the result by the total points allocated.