DIVISION 11 EQUIPMENT

Section 11 12 00 – Parking Control Equipment

PART 1: GENERAL

1.01   Scope of Standard

A.   This standard provides general guidance concerning the specific preferences of Texas State University for parking gates, bumpers and barriers, electronic access and survey controls, signaling devices, admissions/collections equipment, vehicle detectors, lane controllers, etc.

B.   Texas State University recognizes that project conditions and requirements vary, thus precluding the absolute adherence to the items identified herein in all cases. However, unless there is adequate written justification, it is expected that these guidelines will govern the design and specifications for Texas State University projects.

PART 2: PRODUCTS

2.01   Manufacturers

A.   General

1.   Parking Control Equipment - Amano Cincinnati Inc., an equal or better.

2.   Parking Control Software - McGann Software Systems, an equal or better.

3.   Access Cards - Cintac II compatible mag-stripe cards, an equal or better.

4.   Access Cards – Amano Prox card PRX 120MD, an equal or better.

5.   Access Cards – Amano Dual card 120MD, an equal or better.

2.02   Equipment/Components

Note: The equipment must function with Texas State University-San Marcos mag stripe ID card. And must also have the capability to import access data to data files and be capable of operating any Parking Garage compatible computer programs in use at the time of bid.

A.   Amano Cincinnati items:

1.   Gates - model AGP-1700 or AGP-1710:
manufacturer's standard white powder coat finish on base enclosure; **General Contractor to paint white base with, Sherwin Williams, enamel, SW 6108, "Latte", semi-gloss; color from Sherwin Williams, San Marcos, TX.**

Grey vinyl top to remain grey color from factory.

2.   Detectors
Single detector - model ETP-134.
Dual detector - model AGP-0234.

3. Ticket Dispensers – model ETP-12122 or ETP-22.

4. Gate Arms - model AL20 Folding Aluminum.

5. Pay Station - model AGP 7000.

6. Fee Computer and Validator - model AGP- 5200.

7. Validator- model AGP-5600.

8. Fee Indicator- model AGP-5900.

9. Card Reader- model Mag1201-YL.

10. "Lot Full" Signs w/pole and hardware – model LFSYL.

11. Card Reader Post.

12. Converter - TC-Converter RS232 to RS485.

13. Relays w/mounting bases (for gates)

14. Mag Stripe Tickets.

15. Mag Stripe Cards or Prox Cards.

16. L5 Amano Loops

17. Lag-time Exit Readers – model AGP-6000

18. Aiphone Intercom - complete system

B. McGann Software System Items:

1. Central Management System

2. Window Revenue Software - MPS1136W.

3. Windows Count and Monitoring Software – MPS4002W (4 lane controller).

4. Window Access Control Software - MPS4002 - (with system code compatible to Cintac II cards currently in use at PGI).

5. Debit Card Module

6. Integrated Mapping Module - MPS7010.

7. IBM Compatible PC computer with printer, Pentium 4 Microprocessor, 1.4 GHz, 256MB SD RAM (133 MHz) 20 GB Hard Drive, 1 3.5 floppy drive, 1 CD/DVD combo drive, 2 USB ports (1 serial, 1 parallel), 56K modem, Windows 2000 RXP, PC Anywhere, 17" SVGA flat screen color monitor, IMSI PS/2 style mouse, keyboard, APC Power back-up, and plain paper color laser printer.

PART 3: EXECUTION (NOT USED)

END OF SECTION 11 12 00