Houston Airport System Parking Revenue Control System

Location/Lane Number	Description	# Units	Unit Cost	Extend	led Cost
λH					
Terminal A Contract Parking - S	urface Lot (Drawing CX1-100)				
Entry (Lane CP1)	Barrier Gate	1		\$	-
	Badge Reader	1		\$	-
	Intercom/PIN pad with Pedestal	1		\$	-
	Vehicle Detection Device (Loop)	2		\$	-
	Sub-Total Contract Parking Entry			\$	-
Exit (Lane CP2)	Barrier Gate	1		\$	-
	Badge Reader	1		\$	-
	Intercom with Pedestal	1		\$	-
	Vehicle Detection Device (Loop)	2		\$	-
	Sub-Total Contract Parking Exit	_		\$	-
Terminal A Contract Parking (Dr				Ψ	
Entry - 03 Left/Right	Entry Station with Intercom	2		\$	-
(Lane #0301 & 0302)	Pedestal for AVI	2		\$ \$	-
(Lane #0301 & 0302)	EZTag AVI Reader	2		Ψ \$	-
	LPR cameras	6		Գ \$	-
		-			-
	Pinhole Camera	2		\$	-
	Barrier Gate	2		\$	-
	Entry Lane Status Light (Open/Closed)	2		\$	-
	Vehicle Detection Device (Loop) Sub-Total Terminal Contract Parking Entry	6		\$ \$	-
Terminal A Contract Parking - 3 Entry (Lane #0331)	Barrier Gate	1		\$	-
	RFID with Pedestal	1		\$	-
	Intercom with Pedestal	1		\$	
					-
	Vehicle Detection Device (Loop)	2		\$	-
	Vehicle Detection Device (Loop) Sub-Total Contract Parking Entry	2			-
Exit (Lane #0332 & 0333)		2		\$	-
Exit (Lane #0332 & 0333)	Sub-Total Contract Parking Entry			\$ \$	-
Exit (Lane #0332 & 0333)	Sub-Total Contract Parking Entry Barrier Gate	2		\$ \$ \$ \$	-
Exit (Lane #0332 & 0333)	Sub-Total Contract Parking Entry Barrier Gate RFID with Pedestal Intercom with Pedestal	2		\$ \$ \$ \$	-
Exit (Lane #0332 & 0333)	Sub-Total Contract Parking Entry Barrier Gate RFID with Pedestal	2 2 2		\$ \$ \$ \$	
	Sub-Total Contract Parking Entry Barrier Gate RFID with Pedestal Intercom with Pedestal Vehicle Detection Device (Loop) Sub-Total Contract Parking Exit	2 2 2		\$ \$ \$ \$ \$ \$ \$ \$	
Terminal A/B Entry (Drawing CX	Sub-Total Contract Parking Entry Barrier Gate RFID with Pedestal Intercom with Pedestal Vehicle Detection Device (Loop) Sub-Total Contract Parking Exit	2 2 2 4		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Terminal A/B Entry (Drawing CX Entry lanes - 02 Left/Right	Sub-Total Contract Parking Entry Barrier Gate RFID with Pedestal Intercom with Pedestal Vehicle Detection Device (Loop) Sub-Total Contract Parking Exit 71-104) Entry Station with Intercom	2 2 2 4		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Terminal A/B Entry (Drawing CX	Sub-Total Contract Parking Entry Barrier Gate RFID with Pedestal Intercom with Pedestal Vehicle Detection Device (Loop) Sub-Total Contract Parking Exit 21-104) Entry Station with Intercom LPR cameras	2 2 2 4 4		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Terminal A/B Entry (Drawing CX Entry lanes - 02 Left/Right	Sub-Total Contract Parking Entry Barrier Gate RFID with Pedestal Intercom with Pedestal Vehicle Detection Device (Loop) Sub-Total Contract Parking Exit 71-104) Entry Station with Intercom LPR cameras Pinhole Camera	2 2 2 4 4 6 4		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Terminal A/B Entry (Drawing CX Entry lanes - 02 Left/Right	Sub-Total Contract Parking Entry Barrier Gate RFID with Pedestal Intercom with Pedestal Vehicle Detection Device (Loop) Sub-Total Contract Parking Exit 71-104) Entry Station with Intercom LPR cameras Pinhole Camera EMV Reader & Contactless Credit Card Reade	2 2 2 4 4 6 4 4		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Terminal A/B Entry (Drawing CX Entry lanes - 02 Left/Right	Sub-Total Contract Parking Entry Barrier Gate RFID with Pedestal Intercom with Pedestal Vehicle Detection Device (Loop) Sub-Total Contract Parking Exit 1-104) Entry Station with Intercom LPR cameras Pinhole Camera EMV Reader & Contactless Credit Card Reade EZTag AVI Reader	2 2 4 4 6 4 4 2		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Terminal A/B Entry (Drawing CX Entry lanes - 02 Left/Right	Sub-Total Contract Parking Entry Barrier Gate RFID with Pedestal Intercom with Pedestal Vehicle Detection Device (Loop) Sub-Total Contract Parking Exit 1-104) Entry Station with Intercom LPR cameras Pinhole Camera EMV Reader & Contactless Credit Card Reade EZTag AVI Reader Barrier Gate	2 2 4 4 6 4 4 2 2		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Terminal A/B Entry (Drawing CX Entry lanes - 02 Left/Right	Sub-Total Contract Parking Entry Barrier Gate RFID with Pedestal Intercom with Pedestal Vehicle Detection Device (Loop) Sub-Total Contract Parking Exit 1-104) Entry Station with Intercom LPR cameras Pinhole Camera EMV Reader & Contactless Credit Card Reade EZTag AVI Reader Barrier Gate DMS - Reuse	2 2 4 4 6 4 4 2 2 2 2		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -
Terminal A/B Entry (Drawing CX Entry lanes - 02 Left/Right	Sub-Total Contract Parking Entry Barrier Gate RFID with Pedestal Intercom with Pedestal Vehicle Detection Device (Loop) Sub-Total Contract Parking Exit 1-104) Entry Station with Intercom LPR cameras Pinhole Camera EMV Reader & Contactless Credit Card Reade EZTag AVI Reader Barrier Gate DMS - Reuse UPS	2 2 4 4 6 4 4 2 2 2 2 2 2		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -
Terminal A/B Entry (Drawing CX Entry lanes - 02 Left/Right	Sub-Total Contract Parking Entry Barrier Gate RFID with Pedestal Intercom with Pedestal Vehicle Detection Device (Loop) Sub-Total Contract Parking Exit 71-104) Entry Station with Intercom LPR cameras Pinhole Camera EMV Reader & Contactless Credit Card Reade EZTag AVI Reader Barrier Gate DMS - Reuse UPS Vehicle Detection Device (Loop)	2 2 2 4 4 6 4 4 2 2 2 2 2 6		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Terminal A/B Entry (Drawing CX Entry lanes - 02 Left/Right	Sub-Total Contract Parking Entry Barrier Gate RFID with Pedestal Intercom with Pedestal Vehicle Detection Device (Loop) Sub-Total Contract Parking Exit 1-104) Entry Station with Intercom LPR cameras Pinhole Camera EMV Reader & Contactless Credit Card Reade EZTag AVI Reader Barrier Gate DMS - Reuse UPS	2 2 4 4 6 4 4 2 2 2 2 2 2		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -

Houston Airport System Parking Revenue Control System

Exit Plaza - North - 02 1 - 8 (Drawing CX1-103) Express Exit Station with Intercom 5 5 (Lanes 0201 - 0208) Cashier Terminal 1 5 5 LPR Cameras 24 5 5 EWN Reader & Contactless Credit Card Reade Pay-in-Lane 8 5 5 EZTag AVI Reader 8 5 5 DMS - Reuse 8 5 5 Barrier Gate 8 5 5 Vehicle Detection Device (Loop) 24 5 5 Exit Plaza - South - 02 9 - 16 Express Exit Station with Intercom 8 5 5 Exit Plaza - South - 02 9 - 16 Express Exit Station with Intercom 8 5 5 (Lanes 0209 - 0216) LPR Cameras 24 5 5 EMW Reader & Contactless Credit Card Reade 8 5 5 5 Emminal A Valet - 02 Valet (Drawing CX1-109) Entry Station with Intercom 1 5 5 Ferminal A Valet - 02 Valet (Drawing CX1-109) Entry Station with Intercom 1 5 5 Ferminal A Valet - 02 Exit (Drawing CX1-109) Entry Station with Intercom <td< th=""><th>Location/Lane Number</th><th>Description</th><th># Units</th><th>Unit Cost</th><th>Extende</th><th>d Cos</th></td<>	Location/Lane Number	Description	# Units	Unit Cost	Extende	d Cos
(Drawing CX1-105) Pinhole Camera 8 \$ (Lanes 0201 - 0206) Cashier Terminal 1 \$ LPR Cameras 24 \$ - EMV Reader & Contactless Credit Card Reade 8 \$ - Pay-in-Lane 3 \$ - EXT Pag AVI Reader 8 \$ - Barrier Gate 8 \$ - Bar code reader 8 \$ - Bar code reader 8 \$ - Chrowing CX1-108) Pinhole Camera 8 \$ - (Lanes 0209 - 0216) EMV Reader & Contactless Credit Card Reade 8 \$ - (Lanes 0209 - 0216) EPR Cameras 24 \$ - EMV Reader & Contactless Credit Card Reade 8 \$ - Barrier Gate 8 \$ - - Chrowing CX1-108) EMV Reader & Contactless Credit Card Reade \$ - Barrier Gate 1 \$ - -	Exit Plaza - North - 02 1 - 8	Express Exit Station with Intercom	5		\$	-
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Ferminal A Valet - 02 Exit (Drawing CX1-111) Exit (Lane #0233) Exit Station with Intercom 1 \$ - EMV Reader 1 \$ - - Contactless Credit Card Reader 1 \$ - LPR Cameras 3 \$ - Vehicle Detection Device (Loop) 3 \$ - Barrier Gate 1 \$ - Slip Lanes Badge readers 2 \$ - (Lanes 0227 & 0230) Vehicle Detection Device (Loop) 4 \$ - Valet Cashier (Drawing CX1-110) Cashier Stations 1 \$ -		Bar code reader	1			-
Exit (Lane #0233)Exit Station with Intercom EMV Reader1\$-EMV Reader1\$-Contactless Credit Card Reader1\$-LPR Cameras3\$-Vehicle Detection Device (Loop)3\$-Barrier Gate1\$-Bar code reader1\$-Slip LanesBadge readers2\$(Lanes 0227 & 0230)Barrier Gate2\$Vehicle Detection Device (Loop)4\$Sub-Total Valet Slip Lanes\$-Valet Cashier (Drawing CX1-110)Cashier Stations1Sub-Total Valet Slip Lanes\$-		Sub-Total Exit Lanes			\$	-
Exit (Lane #0233)Exit Station with Intercom EMV Reader1\$-EMV Reader1\$-Contactless Credit Card Reader1\$-LPR Cameras3\$-Vehicle Detection Device (Loop)3\$-Barrier Gate1\$-Bar code reader1\$-Slip LanesBadge readers2\$-(Lanes 0227 & 0230)Barrier Gate2\$-Vehicle Detection Device (Loop)4\$-Sub-Total Valet Slip Lanes\$Valet Cashier (Drawing CX1-110)Cashier Stations1\$	erminal A Valet - 02 Exit (Drawing	CX1-111)				
EMV Reader1\$Contactless Credit Card Reader1\$LPR Cameras3\$Vehicle Detection Device (Loop)3\$Barrier Gate1\$Bar code reader1\$Slip LanesBadge readers2\$(Lanes 0227 & 0230)Barrier Gate2\$Vehicle Detection Device (Loop)4\$Sub-Total Valet Slip Lanes\$-Valet Cashier (Drawing CX1-110)Cashier Stations1Sub-Total Valet Slip Lanes\$-Valet Cashier (Drawing CX1-110)Cashier Stations1			1		\$	-
Contactless Credit Card Reader1\$LPR Cameras3\$Vehicle Detection Device (Loop)3\$Barrier Gate1\$Bar code reader1\$Slip LanesBadge readers2\$(Drawing CX1-110)Barrier Gate2\$(Lanes 0227 & 0230)Vehicle Detection Device (Loop)4\$Valet Cashier (Drawing CX1-110)Cashier Stations1\$. ,		1			-
LPR Cameras 3 \$ - Vehicle Detection Device (Loop) 3 \$ - Barrier Gate 1 \$ - Bar code reader 1 \$ - Sub-Total Exit Lanes \$ - Slip Lanes Badge readers 2 \$ (Drawing CX1-110) Barrier Gate 2 \$ (Lanes 0227 & 0230) Vehicle Detection Device (Loop) 4 \$ Valet Cashier (Drawing CX1-110) Cashier Stations 1 \$						-
Vehicle Detection Device (Loop)3\$Barrier Gate1\$Bar code reader1\$Sub-Total Exit Lanes\$Slip LanesBadge readers2\$(Drawing CX1-110)Barrier Gate2\$(Lanes 0227 & 0230)Vehicle Detection Device (Loop)4\$Valet Cashier (Drawing CX1-110)Cashier Stations1\$					Ŝ	-
Barrier Gate 1 \$ - Bar code reader 1 \$ - Sub-Total Exit Lanes \$ - Slip Lanes Badge readers 2 \$ (Drawing CX1-110) Barrier Gate 2 \$ (Lanes 0227 & 0230) Vehicle Detection Device (Loop) 4 \$ Valet Cashier (Drawing CX1-110) Cashier Stations 1 \$						_
Bar code reader 1 \$ - Sub-Total Exit Lanes \$ \$ - Slip Lanes Badge readers 2 \$ - (Drawing CX1-110) Barrier Gate 2 \$ - (Lanes 0227 & 0230) Vehicle Detection Device (Loop) 4 \$ - Valet Cashier (Drawing CX1-110) Cashier Stations 1 \$ -			Ŭ			-
Slip LanesBadge readers2\$(Drawing CX1-110)Barrier Gate2\$(Lanes 0227 & 0230)Vehicle Detection Device (Loop)4\$Sub-Total Valet Slip Lanes\$-Valet Cashier (Drawing CX1-110)Cashier Stations1\$						-
Slip Lanes (Drawing CX1-110) Badge readers 2 \$ - (Lanes 0227 & 0230) Barrier Gate 2 \$ - Vehicle Detection Device (Loop) 4 \$ - Sub-Total Valet Slip Lanes \$ - Valet Cashier (Drawing CX1-110) Cashier Stations 1 \$			1			
(Drawing CX1-110) Barrier Gate 2 \$ - (Lanes 0227 & 0230) Vehicle Detection Device (Loop) 4 \$ - Sub-Total Valet Slip Lanes \$ - /alet Cashier (Drawing CX1-110) Cashier Stations 1 \$					•	
(Drawing CX1-110) Barrier Gate 2 \$ - (Lanes 0227 & 0230) Vehicle Detection Device (Loop) 4 \$ - Sub-Total Valet Slip Lanes \$ - /alet Cashier (Drawing CX1-110) Cashier Stations 1 \$		Badge readers			\$	-
Sub-Total Valet Slip Lanes \$ - /alet Cashier (Drawing CX1-110) Cashier Stations 1 \$ -			2			-
Sub-Total Valet Slip Lanes \$ - /alet Cashier (Drawing CX1-110) Cashier Stations 1 \$ -	(Lanes 0227 & 0230)	Vehicle Detection Device (Loop)	4		\$	
		Sub-Total Valet Slip Lanes			\$	-
	/alet Cashier (Drawing CX1-110)	Cashier Stations	1		\$	-
		Sub-Total		-	\$	-

Houston Airport System Parking Revenue Control System

Location/Lane Number	Description	# Units	Unit Cost	Extended	Cost
Terminal B Valet (Drawing CX1-112)					
Entry (Lane #0244)	Entry Station with Intercom	1		\$	-
	LPR Cameras	3		\$	-
	RFID Reader	1		\$	-
	Vehicle Detection Device (Loop)	3		\$	-
	Barrier Gate	1		\$	-
	Bar code reader	1		\$	-
	Sub-Total Entry Lanes			\$	-
Slip Lanes	Lag readers	1		\$	-
(Drawing CX1-113)	Barrier Gate	4		\$	-
(Vehicle Detection Device (Loop)	8		\$	-
	Sub-Total Valet Slip Lanes	C C		\$	-
Lovel 7 Velet Storers	Padaa Daadara	2		¢	
Level 7 Valet Storage	Badge Readers	2		\$	-
(Drawing CX1-115)	Barrier Gate	2		\$ ¢	-
(Lane #0272 & 0273)	Vehicle Detection Device (Loop)	4		\$	-
	Sub-Total Level-7 Valet Lanes			\$	-
Terminal B Valet/Contract (Drawing 0					
Entry & Exit	Exit Station with Intercom	1		\$	-
(Lane #0223 & 0224)	LPR Cameras	3		\$	-
	EMV Reader	1		\$	-
	Contactless Reader	1		\$ \$	-
	Badge Reader	1		\$	-
	Vehicle Detection Device (Loop)	3		\$	-
	Barrier Gate	1		\$	-
	Bar code reader	1		\$	-
	Sub-Total Exit Lanes			\$	-
Valet Cashier (Drawing CX1-113)	Cashier Stations	2		\$	-
	Sub-Total	-		\$	-
Carago B Contract (Drowing CV1 121)					
Garage B Contract (Drawing CX1-121) At Grade (Lane #0411)	RFID Reader	1		\$	-
	Badge Reader	1		\$	-
	Intercom with Pedestal	1		\$	-
	Barrier Gate	1		\$	-
	Vehicle Detection Device (Loop)	2		\$	-
	Sub-Total Entry Lanes			\$	-
Entry - 04 at Helix, Level 3 & 4	Entry Station with Intercom	4		¢	-
(Drawing CX1-116)	EZTag AVI Reader	4		\$ \$	-
(Lane #0431, 0432, 0441, 0442)	EMV Reader	-			-
(Laile #0431, 0432, 0441, 0442)	Contactless Credit Card Reader	4		\$ \$	-
	Pinhole Camera			Ψ Φ	-
		4		ው ወ	-
	LPR Cameras	12		ው የ	-
	Vehicle Detection Device (Loop)	12		\$ \$ \$	-
	Barrier Gate	4			-
	Bar code reader	4		\$	-
	Sub-Total Entry Lanes			\$	-

PARKING ACCESS REVENUE CONTROL SYSTEM (PARCS) PRE-BOOKING/RESERVATION SYSTEM @ IAH HOU AIRPORT

RFP # HWC-PARCS-2020-013 ~ PROJECT NO. 783A

Houston Airport System Parking Revenue Control System

Location/Lane Number	Description	# Units	Unit Cost	Extended	Cost
Terminal B Contract (Drawing CX1-	-				
Exit (Lane #0433)	Vehicle Detection Device (Loop)	2		\$	-
	Intercom with Pedestal	1		\$	-
	Barrier Gate	1		\$	-
	Sub-Total Exit Lanes			\$	-
Terminal Roadway Recirculation La	nes				
(Drawing CX1-145)	Vehicle Detection Device (Loop)	4		\$	-
(Lanes B1 & B2)	RFID reader with Pedestal	2		\$	-
	Barrier Gate with 20 ft gate arm	2		\$	-
	Sub-Total Exit Lanes			\$	-
PL-6 Lot (Drawing CX1-118)				•	
Entry (Lane #0801)	RFID Reader	1		\$	-
	Pedestal for RFID Reader	1		\$	-
	Intercom with Pedestal	1		\$	-
	Vehicle Detection Device (Loop)	3		\$	-
	Barrier Gate	1		\$	-
	Sub-Total Entry Lanes			\$	-
PL-6 (Drawing CX1-119)		0		<u></u>	
Exit (Lane #0802 & 0803)	RFID Reader	2		\$	-
	Pedestal for RFID Reader	2		\$	-
	Intercom with Pedestal	2		\$ \$	-
	Vehicle Detection Device (Loop) Barrier Gate	6 2		Ф Ф	-
	Sub-Total Exit Lanes	2	•	\$ \$	-
Terminal C Contract (Drawing CX1-					
Entry (Lane #0521 & 0523)	RFID Reader	2		\$	-
	Pedestal for RFID Reader	2		\$	-
	Delineators	LS		\$	-
	Intercom with Pedestal	2		\$	-
	Vehicle Detection Device (Loop)	4		\$	-
	Barrier Gate	2		\$	-
	Sub-Total Entry Lanes			\$	-
Exit (Lane #0522 & 0524)	RFID Reader	2		\$	-
	Pedestal for RFID Reader	2		\$	-
	Intercom with Pedestal	2		\$	-
	Vehicle Detection Device (Loop)	4		\$	-
	Barrier Gate	2		\$	-
	Sub-Total Exit Lanes			\$	-
Terminal C Limo (Drawing CX1-122)					
Entry (Lane #0515)	Entry Station with Intercom	1		\$	-
,	EZTag AVI Reader	1		\$	-
	Pedestal for AVI Reader	1		\$	-
	Pinhole Camera	1		\$	-
	Vehicle Detection Device (Loop)	2		\$	-
	Barrier Gate	1		\$	-
	Bar code reader	1		\$	-
	Sub-Total Entry Lanes			\$	-
				,	

Houston Airport System Parking Revenue Control System

Location/Lane Number	Description	# Units	Unit Cost	Extende	d Cos
Exit (Lane #0516)	Entry Station with Intercom	1		\$	-
	EZTag AVI Reader	1		\$ \$	-
	Pedestal for AVI Reader	1		\$	
	Pinhole Camera	1		\$	
	Vehicle Detection Device (Loop)	2		Ψ \$	_
	Barrier Gate	- 1		Ψ \$	_
	Bar code reader	1		Ф \$	-
	Sub-Total Entry Lanes			\$	-
UA Executive Lot (Drawing CX1-124)					
Entry (Lane #0513)	Intercom	1		\$	-
	PIN Pad with pedestal	1		\$	_
	Pedestal for Intercom	1		\$	-
	Vehicle Detection Device (Loop)	2		\$	-
	Barrier Gate	1		Ψ \$	_
	Sub-Total Entry Lanes			<u>φ</u> \$	-
				Ŧ	
UA Executive Lot (Drawing CX1-125) Exit (Lane #0511 & 0512)	Intercom	2		¢	
Exit (Lane #0511 & 0512)	Pedestal for Intercom			\$	-
		2 2		\$	-
	PIN Pad with pedestal			\$	-
	Vehicle Detection Device (Loop)	4		\$	-
	Barrier Gate Sub-Total Exit Lanes	2		\$ \$	-
				Ŧ	
Terminal C West	Entry Station with Intercom	4		\$	-
Entry lanes	LPR cameras	12		\$	-
(Drawing CX1-126)	Pinhole Camera	4		\$	-
(Lanes #0537, 0538, 0539, & 0540)	EMV Reader & Contactless Credit Card Reade	4		\$	-
	EZTag AVI Reader	4		\$	-
	Barrier Gate	4		\$	-
	Entry Lane Status Light (Open/Closed)	4		\$	-
	Vehicle Detection Device (Loop)	12		\$	-
	Canopies	2		\$	-
	Bar code Reader	4		\$	-
	Sub-Total Entry Lanes			\$	-
Exit Plaza	Express Exit Station with Intercom	6		\$	-
(Drawing (CX1-127)	Cashier Terminal	1		\$	-
Lanes 0501 - 0510)	Pinhole Camera	9		\$	-
	LPR Cameras	30		\$ \$	-
	EMV Reader and Contactless Credit Card Rea	10		\$	-
	EZTag AVI Reader	10		\$	-
				Ψ \$	_
	Pav-in-Lane	٠.		W	-
	Pay-in-Lane Barrier Gate	3 10			-
	Barrier Gate	10		\$	-
					-

Houston Airport System Parking Revenue Control System

Location/Lane Number	Location/Lane Number Description		Unit Cost	Extende	d Cost
Terminal C Valet	Entry Station with Intercom	1		\$	-
Entry (Lane #0544)	LPR Cameras	3		\$	-
(Drawing CX1-129)	Pinhole Camera	1		\$	-
	Vehicle Detection Device (Loop)	3		\$	-
	Barrier Gate	1		\$	-
	Bar code reader	1		\$	-
	Sub-Total Entry Lanes			\$	-
Valet Cashier	Cashier Stations	2		\$	-
	Sub-Total	-	•	\$ \$	-
Terminal C East	Entry Station with Intercom	3		\$	-
	LPR cameras	9		¢	-
Entry lanes				\$ \$	-
(Drawing CX1-130)	Pinhole Camera	3		Ф Ф	-
(Lanes #0521, 0524, & 0525)	EMV Reader & Contactless Credit Card Reade			\$	-
	EZTag AVI Reader	3		\$ \$	-
	Barrier Gate	3			-
	Entry Lane Status Light (Open/Closed)	3		\$ \$	-
	Canopy	1			-
	Vehicle Detection Device (Loop)	9		\$	-
	Bar code Reader	3		\$	-
	Sub-Total Entry Lanes			\$	-
SurePark Entry off Helix	EZTag Reader	1		\$	-
(Drawing CX1-123)	Pedestal for EZTag Reader	1		\$	-
(Lane #0531)	Intercom & Pedestal	1		\$	-
(2010 1000 1)	Vehicle Detection Device (Loop)	3		\$	-
	Barrier Gate	1		Ψ \$	_
	Sub-Total Entry Lanes			\$	-
Entry lanes Oversize Vehicle	Entry Station with Intercom	1		¢	
	Entry Station with Intercom			\$	-
(Drawing CX1-131)	LPR cameras	3		\$	-
(Lane #0522)	Pinhole Camera	1		\$	-
	EMV Reader & Contactless Credit Card Reade			\$	-
	EZTag AVI Reader	1		\$ \$ \$ \$ \$ \$ \$ \$	-
	RFID Readers for SurePark	1		\$	-
	Barrier Gate	1		\$	-
	Entry Lane Status Light (Open/Closed)	1		\$	-
	Vehicle Detection Device (Loop)	3		\$	-
	Bar code Reader	1		\$	-
	Sub-Total Entry Lanes			\$	-
Exit Lane Oversize Vehicle	Express Exit Station with Intercom	1		\$	-
(Drawing CX1-132)	Pinhole Camera	1		\$	-
(Lane #0523)	EMV Reader & Contactless Credit Card Reade	1		\$	-
	LPR Cameras	3		\$ \$	_
		ى 1		ъ \$	-
	EZTag AV/I Boodor				-
	EZTag AVI Reader	1		Ψ ¢	
	Barrier Gate	1		\$	-
	Barrier Gate Vehicle Detection Device (Loop)	1		\$ \$	-
	Barrier Gate	1 1 3 1		\$	- - -

Houston Airport System Parking Revenue Control System

Location/Lane Number Description		# Units	Unit Cost	Extende	d Cos
ecopark Employee Lot	RFID Reader	1		\$	-
Entry (Lane #0616)	Pedestal for RFID Reader	1		\$	-
(Drawing CX1-133)	Intercom with Pedestal	1		\$	-
	Vehicle Detection Device (Loop)	3		\$	-
	Barrier Gate	1		\$	-
	Sub-Total Entry Lanes			\$	-
Exit (Lane #0617)	RFID Reader	1		\$	-
, , , , , , , , , , , , , , , , , , ,	Pedestal for RFID Reader	1		\$	-
	Intercom with Pedestal	1		\$	-
	Vehicle Detection Device (Loop)	3		\$	-
	Barrier Gate	1		\$	-
	Sub-Total Exit Lanes			\$	-
JFK ecopark	Entry Station with Intercom	5		\$	-
Entry (West and North)	EZTag AVI Reader	5		\$	-
(Drawing CX1-134)	LPR cameras	15		\$	-
(Lanes #0611, 0625, 0626, & 0627)	EMV Reader & Contactless Credit Card Reade	5		\$	_
(Drawing CX1-141)	EZTag AVI Reader	5		\$	_
(Lanes 0628 & 0629)	Pinhole Camera	5		\$	
(Lanes 0020 & 0025)	Vehicle Detection Device (Loop)	15		\$ \$	_
	Barrier Gate	5		\$	_
	Bar Code Reader	5		φ \$	_
	Sub-Total Entry Lanes	5		\$	-
Covered Parking Entry	Entry Station with Intercom	4		\$	_
(Drawing CX1-135 & CX1-136)	RFID Reader	4		\$ \$	_
(Lane #0636, 0637, 0638, & 0639)	Pedestal for RFID Reader	4		\$ \$	_
(Lane #0030, 0037, 0030, & 0039)	LPR cameras	12		\$	_
	EMV Reader & Contactless Credit Card Reade	4		ч \$	-
		4		э \$	-
	EZTag AVI Reader				-
	Pinhole Camera	4		\$	-
	Vehicle Detection Device (Loop)	12		\$	-
	Canopies	2		\$	-
	Barrier Gate	4		\$	-
	Bar code reader Sub-Total Entry Lanes	4		\$ \$	-
Evit Diaza (Lana 627)	Exit Station with Intercom	F		¢	
Exit Plaza (Lane 637)		5 4		\$ ¢	-
(Drawing CX1-138)	Pay-in-Lane	•		\$ ¢	-
(Lanes 601 - 610)	Cashier Terminal	1		\$ ¢	-
	Pinhole Camera	9		\$ ¢	-
	EMV Reader & Contactless Credit Card Reade	9		Φ	-
	LPR cameras	27		\$	-
	EZTag AVI Reader	9		\$	-
	Vehicle Detection Device (Loop)	27		\$	-
	Barrier Gate	9		\$	-
	Bar code reader	9		\$	-
	Sub-Total Exit Lanes			\$	_

Houston Airport System Parking Revenue Control System

Location/Lane Number	Description	# Units	Unit Cost	Extended	Cos
Covered Parking Exit	Vehicle Detection Device (Loop)	6		\$	-
(Drawing CX1-137)	Barrier Gate	3		\$	-
(Lane # 0630, 0631, 0632, 0633)	Sub-Total Exit Lanes			\$	-
Bus Lanes	RFID Reader	7		\$	-
(Drawing CX1-139, 140, & 141)	Vehicle Detection Device (Loop)	21		\$	-
(Lanes 0611, 0612, 0614, 0615)	Barrier Gate	7		\$	-
(0613, 0618, 0628)	Sub-Total Bus Lanes			\$	-
ecopark2	Entry Station with Intercom	3		\$	-
Entry	EZTag AVI Reader	3		\$	-
(Drawing CX1-142)	EMV Reader & Contactless Credit Card Reade	3		\$	-
(Lanes #1, 2, & 3)	LPR cameras	9		\$	-
	Pinhole Camera	3		\$	-
	Vehicle Detection Device (Loop)	9		\$	-
	Barrier Gate with 10' arm	2		\$	-
	Barrier Gate with 15' arm	1		\$	-
	Bar code reader	3		\$	-
	Sub-Total Entry Lanes			\$	-
Exit	Exit Station with Intercom	2		\$	-
(Drawing CX1-143)	Pay-in-Lane	2		\$	-
(Lanes PIL1, PIL2, EXP1, & EXP2)	Pinhole Camera	4		\$	-
	EMV Reader & Contactless Credit Card Reade	4		\$	-
	LPR cameras	12		\$	-
	EZTag AVI Reader	4		\$	-
	Vehicle Detection Device (Loop)	12		\$	-
	Barrier Gate with 10' arm	3		\$	-
	Barrier Gate with 15' arm	1		\$	-
	Bar code reader	4		\$	-
	Sub-Total Exit Lanes			\$	-
Bus Lanes (Lane #SH1, SH2, & SH	3RFID Reader	3		\$	-
(Drawing CX1-144)	Vehicle Detection Device (Loop)	6		\$	-
	Barrier Gate	3		\$	-
	Sub-Total Bus Lanes			\$	-
	Total for IAH			\$	-

Houston Airport System Parking Revenue Control System

Location/Lane Number	Description	# Units	Unit Cost	Extended C	Cost
Houston Hobby Airport					
Garage (Drawing CX1-100)	Entry Station with Intercom	4		\$	-
Entry (Lanes TD01 - TD04)	LPR cameras	12		\$	-
	EZTag AVI Reader	4		\$	-
	EMV Reader & Contactless Credit Card Reade	4		\$	-
	Pinhole Camera	4		\$	-
	Vehicle Detection Device (Loop)	12		\$ \$	_
	Barrier Gate	4		Ψ \$	-
	Bar code reader	4		\$ \$	-
	Sub-Total Entry Lanes	4		<u>ծ</u> \$	-
Exit Plaza (Lanes 2001 - 2010)	Exit Station with Intercom	6		\$	-
(Drawing CX1-101)	Pay-in-Lane	3		\$	-
	Cashier Terminal	1		\$	-
	Pinhole Camera	10		\$	-
	EMV Reader & Contactless Credit Card Reade	10		\$	-
	LPR cameras	30		\$	-
	EZTag AVI Reader	10		\$	-
	Vehicle Detection Device (Loop)	10		\$	-
	Barrier Gate	10		\$	-
	Bar code reader	10		\$ \$	_
	Sub-Total Exit Lanes	10		\$	-
		-		•	
Valet	Entry Station with Intercom	2		\$	-
Entry (Lanes 2127 & 2128)	LPR Cameras	6		\$	-
(Drawings CX1-103)	Pinhole Camera	2		\$	-
	Vehicle Detection Device (Loop)	6		\$	-
	Barrier Gate	2		\$	-
	Bar code reader	2		\$	-
	Sub-Total Entry Lanes			\$	-
Valet	Exit Station with Intercom	1		\$	-
Exit (Lane 2125 & 2126)	LPR Cameras	3		\$	-
(Drawing CX1-104 & 110)	Pinhole Camera	1		\$	-
(Erannig extracted rice)	EMV Reader & Contactless Credit Card Reade	1		\$	-
	Vehicle Detection Device (Loop)	3		\$	_
	Barrier Gate	1		\$	-
		1			-
	Bar code reader Sub-Total	I		\$ \$	-
	Cashier Stations	2	-	\$	-
Valet Cashier	Sub-Total			\$	-
ecopark (Drawing CX1-105)	Entry Station with Intercom	2		\$	-
Entry (Lanes 2307 & 2308)	LPR cameras	6		\$	-
	EZTag AVI Reader	2		\$	-
	EMV Reader & Contactless Credit Card Reade	2		\$	-
	Pinhole Camera	2		\$	-
	Vehicle Detection Device (Loop)	6		\$	-
	Barrier Gate	2		\$	-
	Bar code reader	2		\$ \$	-
	Sub-Total Entry Lanes	2		\$	-
				Ψ	-

Houston Airport System Parking Revenue Control System

Location/Lane Number	Description	# Units	Unit Cost	Extende	d Cost
Exit Plaza (Lanes 2311 - 2314)	Exit Station with Intercom	2		\$	-
(Drawing CX1-106)	Pay-in-Lane	2		\$	-
	Pinhole Camera	4		\$	-
	EMV Reader & Contactless Credit Card Reade	4		\$	-
	LPR cameras	12		\$	-
	EZTag AVI Reader	4		\$	-
	Vehicle Detection Device (Loop)	12		\$	-
	Barrier Gate	4		\$	-
	Bar code reader	4		\$	-
	Sub-Total Exit Lanes			\$	-
ecopark Employee Lot	RFID Reader	4		\$	-
Entry	Pedestal for RFID Reader	4		\$	-
(Lane 2307, 2308, 0241, & 0242)	Intercom with pedestal	4		\$	-
(Drawings CX1-107 & 108)	Vehicle Detection Device (Loop)	12		\$	-
, , ,	Barrier Gate	4		\$	-
	Sub-Total Entry Lanes			\$	-
Exit	RFID Reader	4		\$	-
(Lanes 0203, 0204, 0244, & 0245)	Pedestal for RFID Reader	4		\$	-
(Drawings CX1-106 & 108)	Intercom with Pedestal	4		\$	-
(51	Vehicle Detection Device (Loop)	12		\$	-
	Barrier Gate	4		\$	-
	Sub-Total Exit Lanes			\$	-
Emergency Exit (Lane #0205)	RFID Reader	1		\$	-
(Drawing CX1-109)	Pedestal for RFID Reader	1		\$	-
(,	Intercom with Pedestal	1		\$	-
	Vehicle Detection Device (Loop)	2		\$	-
	Barrier Gate	1		\$	-
	Sub-Total Exit Lanes	•		\$	-
	Total for HOU			\$	-
	Total Lane Equipment Cost - HAS			\$	-

PARKING ACCESS REVENUE CONTROL SYSTEM (PARCS) PRE-BOOKING/RESERVATION SYSTEM @ IAH HOU AIRPORT

RFP # HWC-PARCS-2020-013 ~ PROJECT NO. 783A

Houston Airport System Parking Revenue Control System

Location/Lane Number	Description # Units Unit C			Extended C	Cost
Administrative Systems Equipment					
	PRCS Application Software	LS			
	Management Workstations/Printers	3		\$	-
	Command Center equipment	LS			
	Server(s)	LS			
	Integration with PGS	LS			
	Integration with SAP Integration with HCTRA	LS LS			
	Other integration (Mobile, PGS, pre-booking, e				
	Valet System Software	LS			
	Credit Card Subsystem	LS	_		
	Administrative Systems Equipment			\$	-
	System Subtotal			\$	-
	-		-		
Installation, Implementation, and Training	Installation	LS			
Training	Contractor's Project Management	LS			
	Warranty Services	LS			
	Equipment Removal Demolition and Construct				
	Test Bed Equipment	LS			
	Horizontal conduit	LS			
	Fiber box at mainlane	LS			
	3rd Party Escrow	LS			
	Fiber box at Valet	LS			
	IDF Relocation or Upgrade	LS			
	Factory Acceptance Test	LS			
	Documentation	LS			
	Training	LS	-		
	Installation, Implementation, and Training		-	\$	-
	System Subtotal		-	\$	-
Pre-Booking/Reservation System Set up				\$	-
	Total Implementation Subtotal		:	\$	-

Costs	One Time Costs		10 Year Ongoing Costs
Software Costs	\$	-	\$ -
Hardware Costs	\$	-	\$ -
Services Costs	\$	-	\$ -
Training Costs	\$	-	\$ -
Maintenance/Support Costs	\$	-	\$ -
License Costs	\$	-	\$ -
Transaction Fees	\$	-	\$ -
Implementation Costs	\$	-	\$ -
Other Costs	\$	-	\$ -
Total Costs	\$	-	\$ -

Pre-Booking/Reservation System Proposal

PARKING ACCESS REVENUE CONTROL SYSTEM (PARCS) PRE-BOOKING/RESERVATION SYSTEM @ IAH HOU AIRPORT

REP # HWC-PARCS-2020-013 ~ PROJECT NO. 783A

Total Proposal			
PARCS Proposal Subtotal	\$	-	
Pre-booking Proposal Subtotal	\$	-	
Total	\$	-	

Note, the Pre-booking is the upfront costs only.