

JOB NO. 08/0237

PLEASE FORWARD ORIGINAL PO TO HCTRA.

Date	Received	Paid	Accrued	Damaged	User ID	Entry Dt	Whse	Batch
05/15/09		984,450			CHELM	05/15/09		DJ515CH3
07/07/09		593,129			CHELM	07/07/09		DJ707CH6
07/07/09		417,345.99			CHELM	07/07/09		DJ707CH6
09/09/09		878,338			CHELM	09/09/09		DJ909CH5
09/09/09		1872,244			CHELM	09/09/09		DJ909CH5
01/08/10		2244,985			CHELM	01/08/10		DK107CH0
02/05/10		1			CHELM	02/05/10		DK205CH0
04/22/10		1			CHELM	04/22/10		DK422CH4
08/23/10		1			DFERRARO	08/23/10		DK823DF9
12/17/10		1			CHELM	12/17/10		DKC17CH7
12/17/10		1			CHELM	12/17/10		DKC17CH7
12/20/10		1			DFERRARO	12/20/10		DKC20DF4
02/07/11		1			DFERRARO	02/07/11		DL207DF0
07/25/11	48,709.33				DFERRARO	07/25/11		DL724DF0

Totals

Received:	0	Paid:	7039,212.32
Accrued:	0	Damaged:	0

MAILDATE 5/21/10
MAILDATE 5/21/10

SECOND YEAR RENEW OF ANNUAL MAINTENANCE.

PO Item: 0002	PR Item: 0002	Qty: 700,000	Unit Cost:	1.00
Disc:			Units:	
Tax: 0.00	Amt: 0.00	Charges: 0.00		
Item Amount: 700,000.00	Tax: 0.00	Duty: 0.00		
	EN: 700,000.00			

Product:	Whse:	Print: Y	FA: N
Catalog:		Change:	
Ship to:	Name:		

Account: 57405007-624110/A500000100-DEF05000 Incomplete
TRA O&M-INFORMATION TECHNOLOGY
HARDWARE MAINTENANCE

Harris County Production PURCHASE ORDER STATUS Page 3
WED, MAY 16, 2012, 12:37 PM ----req: MABARRET----leg: HC JL-report id: POSHSTAT

Item Description
SECOND YEAR RENEW OF ANNUAL MAINTENANCE.

FIRST YEAR: 06/17/08-01/21/09
SECOND YEAR: 01/22/09-01/21/10.

06/11/09	58,333.33		CHELM	06/11/09	DJ611CH7
04/05/10	1		CHELM	04/05/10	DK405CH3
01/24/11	1		DFERRARO	01/24/11	DL124DF0
02/03/11	1		CHELM	02/03/11	DL203CH4
Totals:	0 58,336.33	0	0		

ADDENDUM R323292, DATED 5/13/10, TO INCREASE
PO Item: 0003 PR Item: 0001 Qty: 700,000 Unit Cost:
Disc: Amt: 0.00 Units: LOT 1.00
Tax: 0.00 Tax: 0.00 Charges: 0.00
Item Amount: 700,000.00 EN:700,000.00 Duty: 0.00

Product: Whse: Print: Y FA: N
Catalog: Change:
Ship to: Name:

Account: 57405024-624110/A5000000100-DEF05000 Incomplete
TOLL COLLECTION PROJECTS
HARDWARE MAINTENANCE

Item Description
ADDENDUM R323292, DATED 5/13/10, TO INCREASE
P156924 BY \$700,000.00 FOR THE RENEWAL OF
MAINTENANCE FOR VIOLATION ENFORCEMENT
SYSTEM CAMERAS AND ASSOCIATED EQUIPMENT
ALL IN ACCORDANCE WITH SPECIFICATIONS, BID
AND CONTRACT HERE REFERRED TO AND MADE A
PART HERE OF AS IF ATTACHED
TERM: 01/22/10 THRU 01/21/11
APPROVED IN COMMISSIONERS COURT 11/24/09

01/10/11	1	DFERRARO	01/10/11	DL110DF0
04/01/11	1	CHELM	04/01/11	DL401CH9
06/01/11	1	CHELM	06/01/11	DL601CH4
09/29/11	1	CHELM	09/29/11	DL929CH3
12/16/11	1	CHELM	12/16/11	DLC16CH6
04/04/12	1	CHELM	04/04/12	DM404CH2
04/04/12	1	CHELM	04/04/12	DM404CH2
Totals:	0	7	0	0

ADDENDUM R323655, DATED 5/20/10, TO MODIFY
PO Item: 0004 PR Item: 0001 Qty: 0 Unit Cost: 0.00
Disc: 0.00 Amt: 0.00 Charges: 0.00 LOT 0.00
Tax: 0.00 Tax: 0.00 Duty: 0.00
Item Amount: 0.00 EN:0.00

Product: Whse: Print: Y FA: N
Catalog: Change:
Ship to: Name:

Account: 57405024-624110/A500000100-DEF05000 Not Received
TOLL COLLECTION PROJECTS
HARDWARE MAINTENANCE

Harris County Production PURCHASE ORDER STATUS Page 5
WED, MAY 16, 2012, 12:37 PM ----req: MABARRET----leg: HC JL-report id: POSHSTAT

Item Description
ADDENDUM R323655, DATED 5/20/10, TO MODIFY
SCOPE OF SERVICES TO ADD LANE CLOSURE
SERVICES TO BE PROVIDED IN COMPLIANCE WITH
TXDOT STANDARDS.

APPROVED IN COMMISSIONERS COURT: 5/11/10

04/24/09	14658,645.00	EN 10948710 PO	R295132	0001
53005006-623000/5050401980-135B0000		NEW PURCHASE ORDER IN FUND 530		
04/24/09	700,000.00	EN 10948710 PO	R295132	0002
57405007-624110/A500000100-DEF05000		SECOND YEAR RENEW OF ANNUAL MA		
05/15/09	984,450.00	PP 11016267 AJ513SS0	R295132	0001
53005006-623000/5050401980-135B0000		NEW PURCHASE ORDER IN FUND 53		
06/11/09	58,333.33	PP 11102755 AJ610SS0	R295132	0002
57405007-624110/A500000100-DEF05000		SECOND YEAR RENEW OF ANNUAL M		
07/07/09	593,129.00	PP 11180161 AJ702SS0	R295132	0001
53005006-623000/5050401980-135B0000		NEW PURCHASE ORDER IN FUND 53		
07/07/09	417,349.99	PP 11180161 AJ702SS0	R295132	0001
53005006-623000/5050401980-135B0000		NEW PURCHASE ORDER IN FUND 53		
09/09/09	878,338.00	PP 11376601 AJ904SS0	R295132	0001
53005006-623000/5050401980-135B0000		NEW PURCHASE ORDER IN FUND 53		
09/09/09	1872,244.00	PP 11376601 AJ904SS0	R295132	0001
53005006-623000/5050401980-135B0000		NEW PURCHASE ORDER IN FUND 53		
01/08/10	2244,985.00	PP 11751884 AK107CK0	R295132	0001
53005006-623000/5050401980-135B0000		NEW PURCHASE ORDER IN FUND 530		
02/05/10	352,495.00	PP 11855130 AK203CK1	R295132	0001
53005006-623000/5050401980-135B0000		NEW PURCHASE ORDER IN FUND 530		
04/05/10	600,179.00	PP 12049703 AK330CK1	R295132	0002
57405007-624110/A500000100-DEF05000		SECOND YEAR RENEW OF ANNUAL MA		
04/22/10	301,133.00	PP 12113676 AK419CK0	R295132	0001
53005006-623000/5050401980-135B0000		NEW PURCHASE ORDER IN FUND 530		

Harris County Production PURCHASE ORDER STATUS Page 7
WED, MAY 16, 2012, 12:37 PM ----req: MABARRET----leg: HC JL-report id: POSHSTAT

Date	EN Amount	Pay Amount	Type Job #	Batch	PR # and Item
STATUS:	Encumbered				
04/23/09	984,450.00	00017796			
53005006-623000/5050401980-135B0000			05/21/09 EH00144548 PD 0001	984,450	
			NEW PURCHASE ORDER IN FUND 53		
05/31/09	58,333.33	00902344			
57405007-624110/A500000100-DEF05000			06/25/09 EH00147274 PD 0002	58,333.33	
			SECOND YEAR RENEW OF ANNUAL M		
05/28/09	593,129.00	00017943			
53005006-623000/5050401980-135B0000			07/16/09 EH00148935 PD 0001	593,129	
			NEW PURCHASE ORDER IN FUND 53		
05/28/09	417,349.99	00017944			
53005006-623000/5050401980-135B0000			07/16/09 EH00148935 PD 0001	417,349.99	
			NEW PURCHASE ORDER IN FUND 53		
08/23/09	1872,244.00	00018145			
53005006-623000/5050401980-135B0000			09/17/09 EH00155718 PD 0001	1872,244	
			NEW PURCHASE ORDER IN FUND 53		
08/23/09	878,338.00	00018144			
53005006-623000/5050401980-135B0000			09/17/09 EH00155718 PD 0001	878,338	
			NEW PURCHASE ORDER IN FUND 53		
09/28/09	2244,985.00	00018363			
53005006-623000/5050401980-135B0000			01/14/10 EH00168734 PD 0001	2244,985	
			NEW PURCHASE ORDER IN FUND 530		
01/21/10	352,495.00	00018634			
53005006-623000/5050401980-135B0000			02/11/10 EH00172158 PD 0001	1	
			NEW PURCHASE ORDER IN FUND 530		
02/23/10	600,179.00	00018830			
57405007-624110/A500000100-DEF05000			04/15/10 EH00177484 PD 0002	1	
			SECOND YEAR RENEW OF ANNUAL MA		
03/31/10	301,133.00	00018956			
53005006-623000/5050401980-135B0000			04/29/10 EH00179028 PD 0001	1	
			NEW PURCHASE ORDER IN FUND 530		
07/22/10	22,197.67	00019330			
53005006-623000/5050401980-135B0000			08/26/10 EH00192920 PD 0001	1	
			NEW PURCHASE ORDER IN FUND 530		
11/29/10	515,337.42	00019752			
53005006-623000/5050401980-135B0000			12/23/10 EH00205280 PD 0001	1	
			NEW PURCHASE ORDER IN FUND 530		

Harris County Production PURCHASE ORDER STATUS Page 8
WED, MAY 16, 2012, 12:37 PM ----req: MABARRET----leg: HC JL-report id: POSHSTAT

Inv Date	Amount	Invoice	Ps/Ck Dt	Check ID/#	St Item	# Units
09/28/10	170,051.05	00019527	12/23/10	EH00205280	PD 0001	1
53005006-623000/5050401980-135B0000					NEW PURCHASE ORDER IN FUND 530	
10/28/10	112,839.49	00019646	12/23/10	EH00205280	PD 0001	1
53005006-623000/5050401980-135B0000					NEW PURCHASE ORDER IN FUND 530	
11/30/10	58,333.33	01007310	01/13/11	EH00206956	PD 0003	1
57405024-624110/A500000100-DEF05000					ADDENDUM R323292, DATED 5/13/1	
12/27/10	45,051.28	01007647	01/27/11	EH00208356	PD 0002	1
57405007-624110/A500000100-DEF05000					SECOND YEAR RENEW OF ANNUAL MA	
02/12/11	377,239.83	00019893	02/10/11	EH00210102	PD 0002	1
57405007-624110/A500000100-DEF05000					SECOND YEAR RENEW OF ANNUAL MA	
01/12/11	27,303.00	00019892	02/10/11	EH00210102	PD 0001	1
53005006-623000/5050401980-135B0000					NEW PURCHASE ORDER IN FUND 530	
02/26/11	8,592.75	00020026	04/07/11	EH00215169	PD 0003	1
57405024-624110/A500000100-DEF05000					ADDENDUM R323292, DATED 5/13/1	
04/25/11	16,609.02	00020187	06/09/11	EH00220132	PD 0003	1
57405024-624110/A500000100-DEF05000					ADDENDUM R323292, DATED 5/13/1	
06/22/11	48,709.33	00020379	07/28/11	EH00225404	PD 0001	48,709.33
53005006-623000/5050401980-135B0000					NEW PURCHASE ORDER IN FUND 530	
09/07/11	38,538.39	00020637	10/06/11	EH00230465	PD 0003	1
57405024-624110/A500000100-DEF05000					ADDENDUM R323292, DATED 5/13/1	
12/05/11	35,069.18	00020914	12/22/11	EH00238695	PD 0003	1
57405024-624110/A500000100-DEF05000					ADDENDUM R323292, DATED 5/13/1	
03/08/12	23,735.54	00021204	04/12/12	EH00247753	PD 0003	1
57405024-624110/A500000100-DEF05000					ADDENDUM R323292, DATED 5/13/1	
03/08/12	24,589.47	00021204	04/12/12	EH00247753	PD 0003	1
57405024-624110/A500000100-DEF05000					ADDENDUM R323292, DATED 5/13/1	

Total:PD 9826,833.07

HCTRA Lane Closures - March 2012 - May 2012

Date	Location	Lane	Single	Two-Lane	Ramp
5-Apr	FBP MAINLINE	3,4	2		
26-Apr	I-10 TP2 WILCREST	2,3		1	
26-Apr	SAM SOUTHWEST	11	1		
27-Apr	FBP MAINLINE	3	1		
27-Apr	FBP MAINLINE	6	1		
27-Apr	FBP MCHARD EXIT	1			1
29-Apr	NEBW8 TIDWELL ENT	90,91			1
29-Apr	WPE MOORE WEST	3	1		
30-Apr	WPE MOORE WEST	1,2		1	
30-Apr	WPE PEEK WEST	3	1		
30-Apr	WPE PEEK WEST	1,2		1	
7-May	I-10 WIRT TP3	1,2,3	3		
8-May	I-10 WILCREST TP2	1,2,3	3		
8-May	I-10 ELDRIGE TP1	1,2,3	3		
8-May	I-10 ELDRIGE TP1	1,2,3	3		
8-May	I-10 WILCREST TP2	1,2,3	3		
8-May	I-10 WIRT TP3	1,2,3	3		
Totals			25	3	2

MAY 15 2012

RECEIVING FORM

Date: 03/26/12

Section/Person Responsible for PO: (IS)Toll Systems/ P. Hutchinson

Purchase Order #: P156924

Vendor Name: TRANSCORE

Approved SL

Invoice #: 21204

Date 4/4/12

Invoice Amount: \$48,325.01

Batch AM 402C

Description: INSTALLATION OF VES EQUIPMENT: VES CAMERAS, HOUSING, OCR SYSTEM

SOFTWARE & HARDWARE

PERIOD: JAN. 8, 2012 THRU 3/7/12

ORG KEY # 53005006/57405007

OBJECT: 623000/624110

PO BALANCE: \$6,231,811.00

Lin Gustafson

3/27/12

3/27/12
Section Approval

Authorized Signature

Date

Revised 11/7/05

TRA AP MAR28'12AM10:27

INVOICE

TRANSCORE

Invoice No. 21204 HCTRA Purchase Order No. P158924 Invoice Date: 3/05/12 Due Date: 4/08/12
Vendor No. 251730334 TransCore Project No. 1309121 Customer No. H0013

Name of Project: HCTRA VES UPGRADE
Name of Contractor: TransCore

Bill to: Harris County Toll Road Authority
7701 Wilshire Place Drive, 5th floor
Houston, TX 77040
Attention: Chuck Sanders
Remit to: TransCore Holdings, Inc.
36120 Treasury Center
Chicago, IL 60694-6100

SUMMARY OF WORK FOR WHICH PAYMENT IS REQUIRED

Item	Item	Total Contract Quantity	Unit Contract Amount	Total Contract Amount	Previous Quantity Invoiced	Previous Amount Invoiced	Current Month Quantity	Current Month Amount
1	VES Camera	650	\$ 1,778.00	\$ 1,067,400.00	603	\$ 1,072,737.00	0	\$ -
2	VES Camera Housing	360	\$ 2,226.00	\$ 801,360.00	360	\$ 801,360.00	0	\$ -
3	Camera Junction Box (1 camera/lane)	302	\$ 3,180.00	\$ 960,360.00	340	\$ 1,081,680.00	0	\$ -
4	Camera Junction Box (3 camera/lane)	93	\$ 3,615.00	\$ 346,285.00	95	\$ 374,775.00	0	\$ -
5	a. LED Illuminator	500	\$ 2,919.00	\$ 1,459,500.00	500	\$ 1,459,500.00	0	\$ -
6	b. No Charge LED Illuminator		\$ -	\$ -	39	\$ -	0	\$ -
6	a. LED Illuminator Bracket	500	\$ 130.00	\$ 65,000.00	500	\$ 65,000.00	0	\$ -
6	b. No Charge LED Illuminator Bracket		\$ -	\$ -	39	\$ -	0	\$ -
7	LED Illuminator Junction Box		\$ 1,744.00	\$ -	0	\$ -	0	\$ -
8	VES Controller (1-4 cameras)	40	\$ 6,354.00	\$ 334,160.00	57	\$ 476,178.00	0	\$ -
9	VES Controller (1-8 cameras)	65	\$ 9,101.00	\$ 591,565.00	64	\$ 784,484.00	0	\$ -
10	Plasma Image Computer	1	\$ 9,677.00	\$ 9,677.00	7	\$ 67,739.00	0	\$ -
11	a. OCR System Hardware	12	\$ 6,894.00	\$ 82,728.00	8	\$ 55,152.00	0	\$ -
11	b. OCR System Software License	11	\$ 4,055.00	\$ 44,605.00	8	\$ 32,640.00	0	\$ -
12	OCR Tuning	0	\$ 30,536.00	\$ -	0	\$ -	0	\$ -
13	Initial Commissioning and Testing	0	\$ 12,410.02	\$ -	0	\$ -	0	\$ -
	Subtotal - Materials			\$ 5,786,535.00	2640	\$ 6,254,185.00	0	\$ -
14	Mainline Lane Installation (Labor + Materials)	0	\$ 9,615.00	\$ -	7	\$ 67,305.00	0	\$ -
15	Other Lane Installation (Labor + Materials)	390	\$ 22,749.00	\$ 8,872,110.00	116	\$ 2,638,884.00	0	\$ -
16	Single Lane/Ramp Closure - TransCore Work		\$ 1,117.73	\$ -	269	\$ 300,662.37	28	\$ 31,296.44
17	Two-Lane Closure - TransCore Work		\$ 1,309.89	\$ -	64	\$ 110,030.76	13	\$ 17,028.67
18	Single Lane/Ramp Closure - Others Work		\$ 1,775.00	\$ -	1	\$ 1,775.00	0	\$ -
19	Two-Lane Closure - Others Work		\$ 2,125.15	\$ -		\$ -	0	\$ -
20	Public Notification - Week		\$ 675.00	\$ -		\$ -	0	\$ -
	Subtotal - Labor			\$ 8,872,110.00		\$ 3,118,564.13		\$ 48,325.01

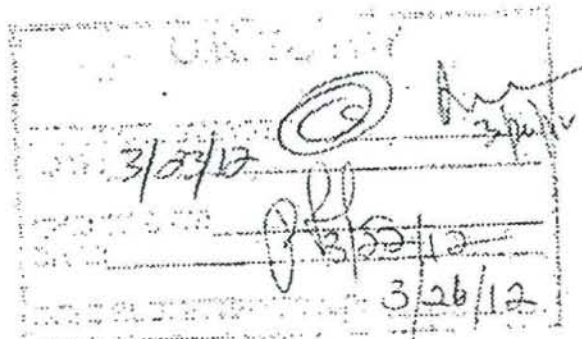
Submitted By:

Ron Barr

TransCore

Date: 3/20/12

Current Invoice Amount	\$ 48,325.01
Total Amount Invoiced to Date	\$ 9,421,154.14
Contract Amount	\$ 14,258,645.00
Amount Remaining	\$ 5,237,490.86



RECEIVED
MAR 21 2012
HCTRA

HCTRA Lane Closures - January 2012 - March 2012

Date	Location	Lane	Single	Two-Lane	Ramp
8-Jan	FBP McHard Entrance	1	1		
8-Jan	FBP Mainline	3	1		
8-Jan	FBP Mainline	4	1		
9-Jan	FBP Mainline	6	1		
9-Jan	WPE Moore West	3	1		
9-Jan	WPE Peek East	1,2		1	
15-Jan	SH Clay Rd Entrance	30,31			1
15-Jan	Sam North Mainline	8,9,10,11	4		
25-Jan	WPT FONDREN MAINLINE	1,2		1	
25-Jan	WPT FONDREN ENTRANCE	1,2		1	
30-Jan	SH NORTHEAST JOHN RALSTON EXIT	38,39		1	
30-Jan	FBP MAINLINE	3		1	
30-Jan	FBP MAINLINE	4		1	
31-Jan	FBP LAKE OLYMPIA	1			1
31-Jan	WPE PEEK EAST	1,2		1	
31-Jan	WPE MOORE EAST	3	1		
1-Mar	SH-JOHN RALSTON EXIT	38,39		1	
1-Mar	SH-GARRETT EXIT	78,79		1	
1-Mar	HARDY SOUTH PLAZA	8,9		1	
2-Mar	FORT BEND PARKWAY ML	6	1		
2-Mar	FORT BEND PARKWAY ML	3	1		
2-Mar	WPT FONDREN ML	3	1		
2-Mar	WPT PEEK EAST	1,2		1	
4-Mar	IAH CONNECTOR	17	1		
4-Mar	I-10 TP2 WILCREST	2	1		
4-Mar	I-10 TP3 WIRT	2	1		
4-Mar	BOONE EAST	1,2		1	
5-Mar	Sam East	3,4,5,6	4		
6-Mar	SAM SOUTH	4,5,6,7,8,9	6		
7-Mar	SAM SOUTH	7,8		1	
		Totals	26	13	2

COPY

MAR 20 2012

INVOICE

TRANSCORE.

Invoice No. 21204

HCTRA Purchase Order No. P156824

Invoice Date: 3/08/12

Due Date: 4/08/12

Vendor No. 251730334

TransCore Project No. 1309121

Customer No.: H0013

Name of Project: HCTRA VES UPGRADE

Name of Contractor: TransCore

Bill to: Harris County Toll Road Authority
7701 Wilshire Place Drive, 5th floor
Houston, TX 77040
Attention: Chuck Sanders

Remit to:

TransCore Holdings, Inc.
36120 Treasury Center
Chicago, IL 60694-6100

SUMMARY OF WORK FOR WHICH PAYMENT IS REQUIRED

Item	Item	Total Contract Quantity	Unit	Contract Amount	Total Contract Amount	Previous Quantity Invoiced	Previous Amount Invoiced	Current Month Quantity	Current Month Amount
1	VES Camera	600		\$ 1,779.00	\$ 1,067,400.00	603	\$ 1,072,737.00	0	\$ -
2	VES Camera Housing	360		\$ 2,226.00	\$ 801,360.00	360	\$ 801,360.00	0	\$ -
3	Camera Junction Box (1 camera/lane)	302		\$ 3,190.00	\$ 963,380.00	340	\$ 1,084,800.00	0	\$ -
4	Camera Junction Box (3 camera/lane)	93		\$ 3,945.00	\$ 366,885.00	95	\$ 374,775.00	0	\$ -
5	a. LED Illuminator	500		\$ 2,918.00	\$ 1,459,500.00	500	\$ 1,459,500.00	0	\$ -
	b. No Charge LED Illuminator			\$ -	\$ -	39	\$ -	0	\$ -
6	a. LED Illuminator Bracket	500		\$ 130.00	\$ 65,000.00	500	\$ 65,000.00	0	\$ -
	b. No Charge LED Illuminator Bracket			\$ -	\$ -	39	\$ -	0	\$ -
7	LED Illuminator Junction Box			\$ 1,744.00	\$ -	0	\$ -	0	\$ -
8	VES Controller (1-4 cameras)	40		\$ 8,354.00	\$ 334,160.00	57	\$ 476,178.00	0	\$ -
9	VES Controller (1-3 cameras)	65		\$ 9,101.00	\$ 591,565.00	84	\$ 764,484.00	0	\$ -
10	Plaza Image Computer	1		\$ 9,677.00	\$ 9,677.00	7	\$ 67,739.00	0	\$ -
11	a. OCR System Hardware	12		\$ 6,894.00	\$ 82,728.00	8	\$ 55,152.00	0	\$ -
	b. OCR System Software License	11		\$ 4,080.00	\$ 44,880.00	8	\$ 32,840.00	0	\$ -
12	OCR Tuning	0		\$ 30,936.00	\$ -	0	\$ -	0	\$ -
13	Initial Commissioning and Testing	0		\$ 12,410.02	\$ -	0	\$ -	0	\$ -
	Subtotal - Materials	0		\$ 9,615.00	\$ 5,786,535.00	2640	\$ -	0	\$ -
14	Mainline Lane Installation (Labor + Materials)	390		\$ 22,749.00	\$ 8,872,110.00	116	\$ -	28	\$ 31,296.44
15	Other Lane Installation (Labor + Materials)			\$ 1,117.73	\$ -	269	\$ -	13	\$ 17,028.57
16	Single Lane/Ramp Closure - TransCore Work			\$ 1,309.89	\$ -	84	\$ -	0	\$ -
17	Two-Lane Closure - TransCore Work			\$ 1,775.00	\$ -	1	\$ -	0	\$ -
18	Single Lane/Ramp Closure - Others Work			\$ 2,125.55	\$ -		\$ -	0	\$ -
19	Two-Lane Closure - Others Work			\$ 675.00	\$ -		\$ -	0	\$ -
20	Public Notification - Week			\$ -	\$ -		\$ -	0	\$ -
	Subtotal - Labor			\$ -	\$ 8,872,110.00		\$ -		\$ 48,325.01

Current Invoice Amount	\$ 48,325.01
Total Amount Invoiced to Date	\$ 9,421,154.14
Contract Amount	\$ 14,658,645.00
Amount Remaining	\$ 5,237,490.86

Submitted By:

Ron Barr

TransCore

Date: 3/8/2012

OK TO PAY

PROJECT MANAGER

DATE: 3/23/12

CHECKED BY: [Signature]

DATE: 3/25/12

DATE SUBMITTED TO HPI: 3/26/12

RECEIVE

MAR 21 2012

HCTRA

RECEIVING FORM

Date: 12/12/11

Section/Person Responsible for PO: (IS)Toll Systems/ P. Hutchinson

Purchase Order #: P156924 ✓

Vendor Name: TRANSCORE ✓

Approved [Signature]

Invoice #: 20914 ✓

Date 12/16/11

Invoice Amount: \$35,069.18 ✓

Batch A2C15CK1

Description: PURCHASE & INSTALLATION OF VES EQUIPMENT: VES CAMERAS,

HOUSING, OCR SYSTEM, SOFTWARE & HARDWARE ONLY

PERIOD: Sept. 2011 thur Dec. 2011

ORG KEY # 53005006/57405007

OBJECT: 623000/624110

PURCHASE ORDER BALANCE: \$6,280,136

12/19/11

[Signature]

12/14/11

[Signature]
12/14/11
Section Approval

INVOICE

TRANSCORE

Vendor No: 25570334	TransCore Project No: 1309121	Invoice Date: 12/05/11	Due Date: 1/15/12
Name of Project: HCTRA L&S UPGRADE			
Name of Contractor: TransCore			
Bill to: Harris County Transportation Authority 701 West Loop Plaza South, 10th Floor Houston, TX 77040 Attention: Chuck Sandberg		Bill to: TransCore Holdings, Inc. 18170 Lullwater Center Chicago, IL 60654-4100	

SUMMARY OF WORK FOR WHICH PAYMENT IS REQUIRED

Item	Item	Total Contract Quantity	Unit Contract Amount	Total Contract Amount	Previous Contract Quantity	Previous Contract Amount	Current Month Quantity	Current Month Amount
1	VES Camera	630	\$ 1,778.00	\$ 1,122,540.00	630	\$ 1,077,737.00	0	\$ 0.00
2	VES Camera Mounting	360	\$ 2,226.00	\$ 801,360.00	360	\$ 801,360.00	0	\$ 0.00
3	Camera Junction Box (1 camera/cable)	352	\$ 3,190.00	\$ 1,122,880.00	340	\$ 1,064,800.00	0	\$ 0.00
4	Camera Junction Box (2 camera/cable)	93	\$ 3,045.00	\$ 283,185.00	93	\$ 274,775.00	0	\$ 0.00
5	a. LED Illuminator	500	\$ 2,119.00	\$ 1,059,500.00	500	\$ 1,439,500.00	0	\$ 0.00
6	b. No Charge LED Illuminator	500	\$ 0.00	\$ 0.00	500	\$ 0.00	0	\$ 0.00
7	a. LED Illuminator Bracket	500	\$ 130.00	\$ 65,000.00	500	\$ 65,000.00	0	\$ 0.00
8	b. No Charge LED Illuminator Bracket	500	\$ 0.00	\$ 0.00	500	\$ 0.00	0	\$ 0.00
9	LED Illuminator Junction Box	500	\$ 1,744.00	\$ 872,000.00	500	\$ 872,000.00	0	\$ 0.00
10	VES Controller (1-4 cameras)	43	\$ 8,354.00	\$ 359,422.00	43	\$ 476,178.00	0	\$ 0.00
11	VES Controller (1-4 cameras)	65	\$ 8,121.00	\$ 527,865.00	65	\$ 784,484.00	0	\$ 0.00
12	Plaza Image Encoder	1	\$ 9,677.00	\$ 9,677.00	1	\$ 9,677.00	0	\$ 0.00
13	a. OCR System Hardware	12	\$ 4,894.00	\$ 58,728.00	12	\$ 55,152.00	0	\$ 0.00
14	b. OCR System Software License	11	\$ 4,640.00	\$ 51,040.00	11	\$ 32,640.00	0	\$ 0.00
15	OCR Tuning	0	\$ 20,836.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
16	Initial Commissioning and Testing	0	\$ 12,410.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
17	Subtotal - Materials	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
18	Subtotal - Labor (Material)	0	\$ 9,615.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
19	Other Line Installation (Labor - Material)	330	\$ 27,765.00	\$ 9,152,110.00	116	\$ 7,838,854.00	0	\$ 0.00
20	Single Lane Ramp Closure - TransCore Work	1	\$ 1,117.75	\$ 1,117.75	247	\$ 470,209.00	22	\$ 24,550.00
21	Two Lane Closure - TransCore Work	1	\$ 3,509.00	\$ 3,509.00	1	\$ 48,081.00	22	\$ 10,479.00
22	Single Lane Ramp Closure - Other Work	1	\$ 1,776.00	\$ 1,776.00	1	\$ 275.00	0	\$ 0.00
23	Two Lane Closure - Other Work	1	\$ 2,125.00	\$ 2,125.00	1	\$ 0.00	0	\$ 0.00
24	Public Notification - Other Work	1	\$ 675.00	\$ 675.00	1	\$ 0.00	0	\$ 0.00
25	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
26	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
27	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
28	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
29	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
30	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
31	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
32	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
33	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
34	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
35	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
36	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
37	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
38	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
39	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
40	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
41	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
42	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
43	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
44	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
45	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
46	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
47	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
48	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
49	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
50	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
51	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
52	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
53	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
54	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
55	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
56	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
57	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
58	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
59	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
60	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
61	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
62	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
63	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
64	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
65	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
66	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
67	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
68	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
69	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
70	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
71	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
72	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
73	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
74	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
75	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
76	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
77	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
78	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
79	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
80	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
81	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
82	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
83	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
84	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
85	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
86	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
87	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
88	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
89	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
90	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
91	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
92	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
93	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
94	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
95	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
96	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
97	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
98	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
99	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
100	Subtotal - Labor	0	\$ 0.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00

Submitted By: <u>Ron Barr</u>	Date: <u>12/5/11</u>	Contract Value Amount: <u>\$ 35,000.00</u>
TransCore		Total Amount Invoiced to Date: <u>\$ 3,372,829.00</u>
		Contract Amount: <u>\$ 14,655,649.00</u>
		Amount Remaining: <u>\$ 5,285,819.00</u>

CONTRACT
REVIEWED
CK

12/7/11
12/7/11
12/7/11

HCTRA
11 DEC -6 AM 11:02

es/4/11/11

TRANSCORE.

10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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1000000

by one of the following individuals:

TransCore Holdings, Inc.
36120 Treasury Center
Chicago, IL 60654-6100

Item	Quantity	Unit Cost	Unit Amount	Total Contract	Quantity	Unit Cost	Unit Amount	Total Contract	Quantity	Unit Cost	Unit Amount	Total Contract
1. VLS 5000	100	\$	1,775.00	1	1,775.00	100	\$	1,775.00	100	\$	1,775.00	1
2. VLS 5000	100	\$	1,775.00	1	1,775.00	100	\$	1,775.00	100	\$	1,775.00	1
3. Computer Junction Box (1.5 Amps/240V)	100	\$	1,775.00	1	1,775.00	100	\$	1,775.00	100	\$	1,775.00	1
4. Computer Junction Box (1.5 Amps/240V)	100	\$	1,775.00	1	1,775.00	100	\$	1,775.00	100	\$	1,775.00	1
5. 1.5 Amp/240V	100	\$	1,775.00	1	1,775.00	100	\$	1,775.00	100	\$	1,775.00	1
6. 1.5 Amp/240V	100	\$	1,775.00	1	1,775.00	100	\$	1,775.00	100	\$	1,775.00	1
7. 1.5 Amp/240V	100	\$	1,775.00	1	1,775.00	100	\$	1,775.00	100	\$	1,775.00	1
8. 1.5 Amp/240V	100	\$	1,775.00	1	1,775.00	100	\$	1,775.00	100	\$	1,775.00	1
9. 1.5 Amp/240V	100	\$	1,775.00	1	1,775.00	100	\$	1,775.00	100	\$	1,775.00	1
10. 1.5 Amp/240V	100	\$	1,775.00	1	1,775.00	100	\$	1,775.00	100	\$	1,775.00	1
11. 1.5 Amp/240V	100	\$	1,775.00	1	1,775.00	100	\$	1,775.00	100	\$	1,775.00	1
12. 1.5 Amp/240V	100	\$	1,775.00	1	1,775.00	100	\$	1,775.00	100	\$	1,775.00	1
13. 1.5 Amp/240V	100	\$	1,775.00	1	1,775.00	100	\$	1,775.00	100	\$	1,775.00	1
14. 1.5 Amp/240V	100	\$	1,775.00	1	1,775.00	100	\$	1,775.00	100	\$	1,775.00	1
15. 1.5 Amp/240V	100	\$	1,775.00	1	1,775.00	100	\$	1,775.00	100	\$	1,775.00	1
16. 1.5 Amp/240V	100	\$	1,775.00	1	1,775.00	100	\$	1,775.00	100	\$	1,775.00	1
17. 1.5 Amp/240V	100	\$	1,775.00	1	1,775.00	100	\$	1,775.00	100	\$	1,775.00	1
18. 1.5 Amp/240V	100	\$	1,775.00	1	1,775.00	100	\$	1,775.00	100	\$	1,775.00	1
19. 1.5 Amp/240V	100	\$	1,775.00	1	1,775.00	100	\$	1,775.00	100	\$	1,775.00	1
20. 1.5 Amp/240V	100	\$	1,775.00	1	1,775.00	100	\$	1,775.00	100	\$	1,775.00	1
Subtotal - Labor		\$					\$			\$		
Subtotal - Material		\$					\$			\$		
Subtotal - Equipment		\$					\$			\$		
Subtotal - Other		\$					\$			\$		
Subtotal - Total		\$					\$			\$		

345678

Case No. 100-100000	100-100000
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Agency: <u>1144300000</u>	<u>5 6 20 0 0 1 5 2 7</u>
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Kim, Pan

Date: 12/9/81

TRANSLATE

12/27/11

11 DEC -6 11:02

10717A

HCTRA Lane Closures - September 2011 - December 2011

Date	Location	Lane	Single	Two-Lane	Ramp
9/18/2011	SH-Fallbrook	40,41			1
9/22/2011	SH-Fallbrook	43,49			1
9/19/2011	SH-South Plaza	4,5,6,7,8,9		2	
9/23/2011	SH-North Plaza	1	1		
9/23/2011	SH-North Plaza	11	1		
10/18/2011	SH-North Plaza	11	2		
10/23/2011	WPE MOORE WEST	3		1	
10/23/2011	WPE PEEK EAST	1,2		1	
10/23/2011	SAM NORTHEAST GARRETT EXIT	78,79			1
10/27/2011	FBP MAINLINE	3	1		
10/27/2011	FBP MAINLINE	4	1		
10/28/2011	FBP MAINLINE	7	1		
10/28/2011	WFE MOORE EAST	1	1		
11/2/2011	NEBWB WEST LAKE HOUSTON EXIT	58,59			1
11/7/2011	SH FALLBROOK EXIT	48,49			1
11/17/2011	I-10 Eldridge WB	2,3		1	
11/17/2011	SH HAMMERLY ENT	51			1
11/17/2011	I-10 West EB	2,3		1	
11/17/2011	FBP Mainline	3	1		
11/17/2011	FBP Mainline	4	1		
11/17/2011	Sam East	1,2,3,4	4		
12/1/2011	WPT BOONE EAST	3	1		
12/2/2011	NEBWB MAINLINE	2,3		1	
12/2/2011	NEBWB HOWELL EXIT	58,59			1
12/2/2011	NEBWB WEST LAKE HOUSTON EXIT	58,59			1
	Totals		14	8	8

HCTRA

11 DEC -6 AM 11:02

HCTRA Lane Closures - September 2011 - December 2011

Date	Location	Lane	Single	Two-Lane	Ramp
9/18/2011	SH-Fallbrook	40,41			1
9/22/2011	SH-Fallbrook	48,49			1
9/19/2011	SH-South Plaza	4,5,6,7,8,9		3	
9/23/2011	SH-North Plaza	4	1		
9/23/2011	SH-North Plaza	11	1		
10/18/2011	SH-North Plaza	11	1		
10/23/2011	WPE MOORE WEST	3		1	
10/23/2011	WPE PEEK EAST	1,2		1	
10/23/2011	SAM NORTHEAST GARRETT EXIT	78,79			1
10/27/2011	FBP MAINLINE	3	1		
10/27/2011	FBP MAINLINE	4	1		
10/28/2011	FBP MAINLINE	7	1		
10/28/2011	WPE MOORE EAST	1	1		
11/3/2011	NEBW8 WEST LAKE HOUSTON EXIT	58,59			1
11/7/2011	SH FALLBROOK EXIT	48,49			1
11/17/2011	I-10 Eldridge WB	2,3		1	
11/17/2011	SH HAMMERLY ENT	51			1
11/17/2011	I-10 Wirt EB	2,3		1	
11/17/2011	FBP Mainline	3	1		
11/17/2011	FBP Mainline	4	1		
11/17/2011	Sam East	1,2,3,4	4		
12/1/2011	WPT BOONE EAST	3	1		
12/2/2011	NEBW8 MAINLINE	2,3		1	
12/2/2011	NEBW8 TIDWELL EXIT	98,99			1
12/2/2011	NEBW8 WEST LAKE HOUSTON EXIT	58,59			1
		Totals	14	8	8

HCTRA
11 DEC -6 AM 11:02

RECEIVING FORM

Date: 09/15/11

Section/Person Responsible for PO: (IS)Toll Systems/ P. Hutchinson

Purchase Order #: P156924

Vendor Name: TRANSCORE

Approved [Signature]

Invoice #: 20637

Date 9/29/11

Invoice Amount: \$38,538.39

Batch AL923CK

Description: HCTRA VES UPGRADE - LANE CLOSURE WORK FOR SINGLE LANE AND
TWO LANE CLOSURES ON THE TOLL ROAD AUTHORITY'S ROADWAY.

PERIOD: 6/30/11-8/30/11

Lane closures for VES Maintenance, not included
in PM closure in Westport, I-10 & San NE

ORG KEY # 53005006/57405007

OBJECT: 623000/624110

PURCHASE ORDER BALANCE: \$6,315,206.00

on 9/30/11

[Signature]

9/26/11

[Signature]

9/16/11

Section Approval

(CF)

Authorized Signature

- 2666 Date

Revised 11/7/05

AL 923 CKO

INVOICE

TRANSCORE

Invoice No: 20002 ✓ HCTRA Purchase Order No: C158921 Invoice Date: 8/27/11 Due Date: 10/27/11
 Vendor No: 251730334 TransCore Project No: 1308121 Customer No: H0215

Name of Project: HCTRA VES UPGRADE
 Name of Contractor: TransCore

Bill to: Harris County Toll Road Authority
 7751 Wilshire Plaza Drive, 6th floor
 Houston, TX 77049
 Attention: Chuck Sanders

Billing to:

TransCore Holdings, Inc.
 38120 Treasury Center
 Chicago, IL 60694-6100

June 30, 2011 - Aug. 30, 2011 ✓

SUMMARY OF WORK FOR WHICH PAYMENT IS REQUIRED

Item	Item	TransCore Contract Quantity	TransCore Contract Amount	TransCore Total Contract Amount	TransCore Quantity Invoiced	TransCore Previous Amount Invoiced	Current Month Quantity	Current Month Amount
1	VES Camera	600	\$ 1,779.00	\$ 1,067,400.00	600	\$ 1,072,737.00	0	\$ -
2	VES Camera Housing	360	\$ 2,124.00	\$ 881,360.00	360	\$ 881,360.00	0	\$ -
3	Camera Junction Box (1 camera/line)	360	\$ 1,150.00	\$ 963,360.00	348	\$ 1,084,608.00	0	\$ -
4	Camera Junction Box (3 camera/line)	93	\$ 3,945.00	\$ 366,885.00	95	\$ 374,775.00	0	\$ -
5	a. LED Illuminator	500	\$ 2,910.00	\$ 1,455,000.00	500	\$ 1,450,000.00	0	\$ -
6	b. No Charge LED Illuminator		\$ -	\$ -	38	\$ -	0	\$ -
7	a. LED Illuminator Bracket	500	\$ 139.00	\$ 69,500.00	500	\$ 65,000.00	0	\$ -
8	b. No Charge LED Illuminator Bracket		\$ -	\$ -	38	\$ -	0	\$ -
9	LED Illuminator Junction Box	40	\$ 1,744.00	\$ 69,760.00	0	\$ -	0	\$ -
10	VES Controller (1-4 cameras)	40	\$ 3,364.00	\$ 334,160.00	57	\$ 478,176.00	0	\$ -
11	VES Controller (1-8 cameras)	65	\$ 9,191.00	\$ 991,465.00	84	\$ 764,484.00	0	\$ -
12	Plaza Image Computer	1	\$ 9,677.00	\$ 9,677.00	7	\$ 67,730.00	0	\$ -
13	a. OCR System Hardware	12	\$ 8,654.00	\$ 82,728.00	8	\$ 55,152.00	0	\$ -
14	b. OCR System Software License	11	\$ 4,280.00	\$ 44,880.00	8	\$ 32,640.00	0	\$ -
15	OCR Tuning	0	\$ 30,936.00	\$ -	0	\$ -	0	\$ -
16	Initial Commissioning and Testing	0	\$ 12,110.00	\$ -	0	\$ -	0	\$ -
17	Subtotal - Materials		\$ -	\$ 5,786,535.00	2640	\$ 6,234,165.00	0	\$ -
18	Median Lane Installation (Labor + Materials)	0	\$ 9,615.00	\$ -	7	\$ 67,730.00	0	\$ -
19	Other Lane Installation (Labor + Materials)	350	\$ 20,749.10	\$ 8,870,110.00	116	\$ 2,630,864.00	0	\$ -
20	Single Lane Right Closure - TransCore Work		\$ 1,117.75	\$ -	277	\$ 253,734.71	10	\$ 20,984.00
21	Two Lane Closure - TransCore Work		\$ 1,309.89	\$ -	65	\$ 15,142.85	11	\$ 14,406.76
22	Single Lane Right Closure - Others Work		\$ 1,775.00	\$ -		\$ -	1	\$ 1,775.00
23	Two Lane Closure - Others Work		\$ 2,125.55	\$ -		\$ -	0	\$ -
24	Public Notification - Work		\$ 675.00	\$ -		\$ -	0	\$ -
25	Subtotal - Labor		\$ -	\$ 8,872,116.00		\$ 3,843,896.56		\$ 38,538.59

Submitted By: <u>Ron Barr</u>	Date: <u>8/27/2011</u>	Current Invoice Amount	\$ 38,538.59
TransCore		Total Amount Invoiced to Date	\$ 8,337,759.65
		Contract Amount	\$ 14,655,641.00
		Amount Remaining	\$ 6,317,881.35

O.K. TO PAY

PAID BY: 9/15/11

DATE: 9/15/11

CHARGED BY: 9/15/11

DATE: 9/15/11

RECEIVED

SEP 13 2011

HCTRA

YES SEP 15 2011

HCTRA Lane Closures - June 2011 - August 2011

Date	Location	Lane	Single	Two-Lane	Ramp
30-Jun	I-10 TP3 WIRT WB	1,2,3	1	1	
30-Jun	I-10 TP2 WILCREST WB	1,2,3	1	1	
1-Jul	I-10 TP1 ELDRIDGE WB	1,2,3	1	1	
1-Jul	I-10 TP1 ELDRIDGE EB	1,2,3	1	1	
1-Jul	I-10 TP2 WILCREST EB	1,2,3	1	1	
14-Jul	HARDY NORTH MAINLINE	7,8		1	
6-Jul	I-10 TP2 WILCREST EB	2,3		1	
2-Aug	SAM NORTH	4,5,6,7		2	
2-Aug	SAM NORTH	8,9,10,11		2	
7-Aug	SAM EAST	3	1		
29-Aug	WPE MOORE WEST	3	1		
29-Aug	WPE PEEK EAST	3	1		
30-Aug	FBP MAINLINE	3	1		
30-Aug	FBP MAINLINE	4	1		
30-Aug	SH ALMEDA ENTRANCE	30,31			1
30-Aug	I-10 HOV WESTBOUND	1,2	5		
30-Aug	I-10 HOV EASTBOUND	1,2	5		
		Totals	20	11	1

RECEIVING FORM

Date: 07/19/11

Section/Person Responsible for P0: (IS)Toll Systems/ P. Hutchinson

Purchase Order #: P156924 /

Vendor Name: TRANSCORE /

Approved CC

Invoice #: 20379

Date 7-22-11

Invoice Amount: \$48,709.33 -

Batch AL72161

Description: HCTRA VES UPGRADE

PERIOD: 6/22/11

ORG KEY # 53005006/57405007

OBJECT: 623000/624110

PURCHASE ORDER BALANCE: \$6,322,659.00

07/25/11

[Signature] 7/21/11

Authorized Signature

- 2669 -
Date

[Signature]
7/19/11
Section Approval

INVOICE

TRANSCORE

Invoice No. 251730334 HCTRA Purchase Order No. P156901 Invoice Date: 6/22/11 Due Date: 7/27/11
 Vendor No. 251730334 TransCore Project No. 1508121 Customer ID: 140213
 Name of Project: HCTRA VES UPGRADE
 Name of Contractor: TransCore
 Bill to: Harris County Toll Road Authority 7701 Wishing Place Drive, 5th floor Houston, TX 77040 Attention: Check Senders
 Remit to: TransCore Holdings, Inc. 35120 Treasury Center Chicago, IL 60694-6100

SUMMARY OF WORK FOR WHICH PAYMENT IS REQUIRED

Item	Item	Contract Quantity	Unit Contract Amount	Total Contract Amount	Previous Quantity Invoiced	Previous Amount Invoiced	Current Month Quantity	Current Month Amount
1	VES Camera	600	\$ 1,775.00	\$ 1,065,000.00	600	\$ 1,065,000.00	0	\$ 0.00
2	VES Camera Housing	360	\$ 3,226.00	\$ 1,161,360.00	360	\$ 1,161,360.00	0	\$ 0.00
3	Camera Junction Box (1 camera/line)	302	\$ 3,169.00	\$ 957,038.00	340	\$ 1,078,060.00	0	\$ 0.00
4	Camera Junction Box (2 camera/line)	93	\$ 3,945.00	\$ 366,885.00	95	\$ 374,775.00	0	\$ 0.00
5	a. LED Illuminator	500	\$ 2,619.00	\$ 1,309,500.00	500	\$ 1,309,500.00	0	\$ 0.00
6	b. No Charge LED Illuminator	500	\$ 0.00	\$ 0.00	500	\$ 0.00	0	\$ 0.00
7	a. LED Illuminator Bracket	500	\$ 130.00	\$ 65,000.00	500	\$ 65,000.00	0	\$ 0.00
8	b. No Charge LED Illuminator Bracket	500	\$ 0.00	\$ 0.00	500	\$ 0.00	0	\$ 0.00
9	LED Illuminator Junction Box	40	\$ 1,744.00	\$ 69,760.00	40	\$ 69,760.00	0	\$ 0.00
10	VES Controller (1-4 cameras)	65	\$ 6,354.00	\$ 413,010.00	67	\$ 424,718.00	0	\$ 0.00
11	VES Controller (1-8 cameras)	65	\$ 9,101.00	\$ 591,565.00	84	\$ 762,484.00	0	\$ 0.00
12	Pass Image Computer	1	\$ 8,677.00	\$ 8,677.00	7	\$ 60,739.00	0	\$ 0.00
13	a. OCR System Hardware	12	\$ 6,864.00	\$ 82,368.00	8	\$ 54,912.00	0	\$ 0.00
14	b. OCR System Software License	11	\$ 4,064.00	\$ 44,704.00	8	\$ 32,568.00	0	\$ 0.00
15	OCR Training	0	\$ 30,932.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
16	Initial Commissioning and Testing	0	\$ 17,116.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
17	Subtotal - Materials	0	\$ 0.00	\$ 5,786,535.00	2648	\$ 8,254,155.00	0	\$ 0.00
18	Mainline Lane Installation (Labor + Materials)	0	\$ 9,615.00	\$ 0.00	7	\$ 67,305.00	0	\$ 0.00
19	Other Lane Installation (Labor + Materials)	250	\$ 22,749.00	\$ 5,697,225.00	116	\$ 2,638,834.00	0	\$ 0.00
20	Single Lane Ramp Closure - TransCore Work	0	\$ 1,117.75	\$ 0.00	201	\$ 224,863.73	26	\$ 29,020.38
21	Two-Lane Closure - TransCore Work	0	\$ 1,329.85	\$ 0.00	50	\$ 66,492.50	15	\$ 19,648.25
22	Single Lane Ramp Closure - Others Work	0	\$ 1,275.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
23	Two-Lane Closure - Others Work	0	\$ 2,126.55	\$ 0.00	0	\$ 0.00	0	\$ 0.00
24	Public Notification - Week	0	\$ 675.00	\$ 0.00	0	\$ 0.00	0	\$ 0.00
25	Subtotal - Labor	0	\$ 0.00	\$ 8,872,110.00	0	\$ 2,996,347.23	0	\$ 48,709.33

Submitted By: <u>Ron Barr</u>	Date: <u>6/22/2011</u>	Current Invoice Amount	\$ 48,709.33
TransCore		Total Amount Invoiced to Date	\$ 9,250,502.23
		Contract Amount	\$ 11,051,815.00
		Amount Remaining	\$ 1,799,312.77

48,709.33

RECEIVED
 BARBARA J. SCHOTTLER
 HARRIS COUNTY AUDITOR
 HOUSTON, TEXAS

2011 JUL 18 AM 7:49

CONTRACT
 REVIEWED

YB

11 JUN 29 PM 4:00

NOTED

HCTRA Lane Closures - May 2011 - June 2011

Date	Location	Lane	Single	Two-Lane	Ramp
19-May	Sam Houston Ship Channel Bridge	7,14,8	1	1	
23-May	I-10 Katy Tollway TP2 Wilcrest Eastbound	1	1		
23-May	I-10 Katy Tollway TP2 Wilcrest Eastbound	2,3		1	
26-May	WPE MOORE WEST	1,2		1	
26-May	WPE MOORE WEST	3	1		
27-May	WPE PEEK WEST	1,2		1	
27-May	WPE PEEK WEST	3	1		
27-May	WPE PEEK EAST	1,2		1	
27-May	WPE MOORE EAST	1,2		1	
27-May	WPE MOORE EAST	3	1		
26-May	SH MONROE ENTRANCE	70,71			1
26-May	FBP MAINLINE	7	1		
27-May	FBP MAINLINE	5	1		
27-May	SH FAIRMONT	38			1
9-Jun	SH BW8W	22,23			1
9-Jun	WPE MOORE EAST	1,2		1	
9-Jun	WPT BOONE EAST	3	1		
10-Jun	SH BELAIRE ENTRANCE	60,61			1
10-Jun	SH RED BLUFF ENTRANCE	70,71			1
10-Jun	SH WEST LAKE HOUSTON EXIT	58,59			1
9-Jun	I-10 TP2 WILCREST WB	3	1		
9-Jun	I-10 TP1 ELDRIDGE WB	2,3		1	
10-Jun	I-10 TP1 ELDRIDGE EB	2,3		1	
10-Jun	I-10 TP3 WIRT WB	1	1		
10-Jun	I-10 TP3 WIRT WB	3	1		
10-Jun	SH FALLBROOK EXIT	48,49			1
10-Jun	SH ALMEDA EXIT	38,39			1
16-Jun	HARDY RANKIN EXIT	78,79			1
16-Jun	SH CENTRAL PLAZA	7	1		
17-Jun	WPE MOORE WEST	1,2		1	
17-Jun	WPE PEEK WEST	1,2		1	
23-Jun	SH NEBW8 MAINLINE	10,11		1	
23-Jun	SH CENTRAL	7	1		
24-Jun	WPT BOONE EAST	1	1		
24-Jun	I-10 TP3 WIRT EB	1,2,3	1	1	
24-Jun	I-10 TP2 WILCREST EB	1,2,3	1	1	
24-Jun	I-10 TP1 ELDRIDGE EB	1,2,3	1	1	
		Totals	17	15	9

RECEIVING FORM

Date: 05/09/11

Section/Person Responsible for PO: (IS)Toll Systems/ P. Hutchinson

Purchase Order #: P156924 /

Vendor Name: TRANSCORE /

Approved SK

Invoice #: 20187 /

Date 6/1/11

Invoice Amount: \$16,609.02 /

Batch AL531CT

Description: PURCHASE & INSTALLATION OF VES EQUIPMENT: VES CAMERAS,

HOUSING, OCR SYSTEM, SOFTWARE & HARDWARE ONLY

PERIOD: 3/2/11-4/18/11

ORG KEY # 53005006/57405007

OBJECT: 623000/624110

PURCHASE ORDER BALANCE: \$6,371,368.84

Rin Castaneda

5/24/11

CF

on 6/2/11
SK
Section Approval 11PM 2.22

Authorized Signature

- 2672
Date

Revised 11/7/05