

## CHANGE ORDER REQUESTS and RELEASE OF RETAINAGE

Midfield Program

BOARD DATE:

September 5, 2008

C.O.R. #	BID PACKAGE NO.	CONTRACTOR	THIS CHANGE ORDER REQUEST		CUM CHANGE PERCENT	NEW CONTRACT AMOUNT	RELEASE OF RETAINAGE	SCOPE
			AMOUNT	PERCENT				
A-0058	A07	Berns Construction	\$ 10,564.53	0.06%	4.9%	\$ 18,563,581.80		During Taxiway C tie-in the contractor discovered an existing abandoned electrical duct bank. This COR is for the contractor to remove the abandoned structure and extend the 4"x4" concrete encased duct bank 15' past the paving limits.
FF-0031	F08	Ermco/Sachs	\$ 324,277.00	8.2%	9.0%	\$ 4,298,126.00		The IND-based airlines requested that the hydrant fueling system be equipped with a leak detection system. To comply with their request this change order is required to purchase and install the system.
H-0205	H11	Ermco/Sachs	\$ 188,750.00	0.85%	16.6%	\$ 25,843,073.24		Communication amenity centers were added in Concourse A & B areas. Vending machine kiosks will house ATM machines, video phones and TTY phones. Centers will also include counters for internet access for lap tops and be designed to be able to install flat panel television monitors.  This COR provides the contract the funds to cover this work.
H-0256	H35	Ermco/Sachs	\$ 1,169,103.00	39.0%	54.3%	\$ 4,628,294.00		It was decided to place certain specialty work contained in the airport fit-out design package, Hb, like fire protection, curtain wall systems etc. in their respective existing terminal bid packages in lieu of the general airline fit out bid package, H-41. To do this the existing packages, H-11 (rough-in) and H-35 (cabling) in this instance, are receiving additional scope. This COR is the for the cost of this added communications cabling and conduit to the airline tenant spaces.
	H11	Ermco/Sachs	\$ 202,865.00	0.92%	17.5%	\$ 26,045,938.24		
H-0263	H49	Honeywell	\$ 189,949.00	10.0%	26.6%	\$ 2,399,552.00		It was decided to place certain specialty work items contained in the airport fit out design package, Ha, such as fire protection, curtain wall systems etc. in their respective existing terminal bid packages in lieu of the general airport fit out bid package, H-34. To do this the existing packages, H-35 (electrical) and H-49 (HVAC controls) in this instance, are receiving additional scope. This COR is the for the cost of this added electrical and HVAC controls to the airport tenant spaces.
	H35	Ermco/Sachs	\$ 277,042.00	9.2%	63.5%	\$ 4,905,336.00		
H-0287	H31	Dalmatian Fire	\$ 14,876.00	0.373%	9.4%	\$ 4,360,178.00		Two new interior stairs, one in Concourse A and the other in Concourse B were requested by the airlines. Stairs are not required fire egress routes and are provided for the exclusive use of airline personnel. This COR is for the modifications to the fire alarm systems and the associated electrical work required to construct these stairs.
	H11	Ermco/Sachs	\$ 29,913.00	0.13%	18%	\$ 26,075,851.24		

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H-0305	H22	Purdy Masonry	\$ 37,171.00	0.73%	19%	\$ 6,058,659.00		It was decided to place certain specialty work items contained in the airport fit out design package, Ha, such as fire protection, curtain wall systems etc. in their respective existing terminal bid packages in lieu of the general airport fit out bid package, H-34. To do this the existing packages, H-22 in this instance, need to receive additional scope in order to cover the cost of performing this work. This COR is for the cost of the related additional masonry scope to the airport tenant spaces.
H-0314	H23	FA Wilhelm	\$ 140,875.00	1.23%	9%	\$ 12,553,695.00		To provide bag lifts at the passenger loading bridge rotundas exterior elements of the concourse building, additional bollards, crash rail at the drive-throughs and modifications to the area ways had to be made. This COR provides the additional contractual amount to fund this work.
H-0315	H30	North Mechanical	\$ 228,800.00	2.98%	14%	\$ 8,768,706.00		This COR is for extensive storm water pipe rerouting required to avoid conflicts with the structural steel and baggage handling equipment in the terminal building. Most of this should have been anticipated in the design and is being investigated for designer error.
H-0316	H11	Ermco/Sachs	\$ 3,499.00	0.02%	17.7%	\$ 26,079,350.24		To remedy a design issue that left lighting out of the south radio rooms. This COR adds four (4) Type "L6" light fixtures (from the Owner's extra L6's in storage deleted from the public restroom) and one (1) light switch connect to lighting circuit in an adjacent mechanical room.
H-0317	H11	Ermco/Sachs	\$ 31,419.00	0.14%	18%	\$ 26,110,769.24		This COR is to correct a flawed design where transformers were placed in janitorial closets such that they interfered with access to sinks and were otherwise cramping the space in general. The change allows the funding to move the transformers to an adjacent room freeing up the janitorial space for efficient operations.
H-0318	H11	Ermco/Sachs	\$ 12,869.00	0.06%	18%	\$ 26,123,638.24		The emergency roadway lighting terminations were left off two possible design packages that should have provided same owing to an error in coordination. This COR corrects this omission by establishing funds for the H-11 contractor to terminate the originally required emergency roadway lighting circuits.
H-0320	H11	Ermco/Sachs	\$ 4,756.00	0.02%	18%	\$ 26,128,394.24		This COR revises the location of an air compressor for Pre-action System for Elevators T-10, 11 & 12 to a plumbing chase adjacent to Room 10T.317. This was required because the original design space was not sufficiently sized for the compressor.

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H-0321	H36	Ermco/Sachs	\$ 74,910.00	2.56%	7%	\$ 3,133,016.00		The airline fit-out design package, Hb, required extensive revisions to the fire alarm systems and this COR provides for the electrical work to accommodate the changes on Levels 1, 2, 3 and 4.
H-0322	H08	Circle B Construction	\$ 2,694.00	0.02%	7%	\$ 16,680,409.29		Through some coordination issues the frame at level 3 Terminal door openings along T9 line was higher than the limestone joint. This required some additional angles to correct this situation for which this COR provides.
H-0323	H36	Ermco/Sachs	\$ 6,019.00	0.21%	7%	\$ 3,139,035.00		This COR modifies level 3 vestibule and conveyor enclosure soffits to reflect the modifications of the structural steel supporting structure requested by the baggage system contractor and implemented by FRP. It also adds additional rough in locations for the PA system.
H-0325	H08	Circle B Construction	\$ 46,559.00	0.30%	7%	\$ 16,726,968.29		This COR modifies lighting, ceilings, walls and bulkheads in the airline baggage service offices to coordinate with the required sprinkler modifications.
H-0326	H08	Circle B Construction	\$ 112,884.00	0.72%	8%	\$ 16,839,852.29		This COR is for gypsum board partitions primarily on the Level 2 Mezzanine wall of the Terminal Building to accommodate the diesel tug modifications.
H-0327	H11	Ermco/Sachs	\$ 15,302.00	0.07%	18%	\$ 26,146,696.24		Through an omission in the design there was a requirement to upgrade the capacity of the breakers for the refueling system. This COR provides funds for the upgraded breakers and the originally purchased breakers will be placed in attic stock.
H-0328	H11	Ermco/Sachs	\$ 6,862.00	0.03%	18%	\$ 26,153,558.24		An omission by the MEP designer requires additional lighting (light fixtures) and power receptacles to be added at the match lines between the terminal and concourses. This COR provides the funding for the contractor to add this lighting and power receptacles.
H-0329	H11	Ermco/Sachs	\$ 5,790.00	0.03%	18%	\$ 26,129,348.24		A designer omission left off three way lighting controls near grid line B17.5 in concourse B. This COR corrects the omission.
H-0330	H11	Ermco/Sachs	\$ 1,005.00	0.005%	18%	\$ 26,160,353.24		A panel design in concourse B on level 2 did not have sufficient room to accommodate the required electrical circuits and had to be revised. This COR provides the required revision.

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H-0331	H23	FA Wilhelm	\$ 75,358.00	0.66%	10%	\$ 12,629,053.00		The Hb airline tenant fit-out package included some overhead doors that required modifications to the concourse perimeter sidewalk and the placement of additional bollards as well door wing changes on door 3A.201.B. This COR is for these modifications.
H-0332	H11	Ermco/Sachs	\$ 19,550.00	0.09%	18%	\$ 26,179,903.24		The triturator design omitted an electric propeller unit heater to insure that the triturator pumps and the rooms they are placed in do not freeze. This COR add the necessary electrical work to correct this omission.
H-0333	H40	Siemens Logistics	\$ 132,165.00	0.58%	15%	\$ 26,205,184.00		The TSA requested revisions to the "Bag History Report" to ensure compliance with the TSA "Planning Guidelines and Design Standards for Checked Baggage Inspection Systems." The report will list all the bags processed during the current operational day, personnel can search for a certain bag utilizing the IATA bag tag number, final screening status and delivery location of the bag is processed/stored. This COR also includes additional flat screen monitors for ETD rooms and BHS control room.
H-0334	H11	Ermco/Sachs	\$ 161,956.00	0.73%	19%	\$ 26,341,859.24		The electrical design for the passenger loading bridges had to be developed before the vendor was selected to meet schedule. The requirements of the selected vendor for pre-conditioned air (PCA) and 400 HZ power required modification to the installed electrical circuitry. The revised requirements involved extensive changes to breakers and feeders serving PCA and 400HZ equipment at all departure gates. This COR provides the funding for the electrical contractor to make these necessary changes.
H-0336	H40	Siemens Logistics	\$ 158,244.00	0.69%	15%	\$ 26,363,428.00		This COR provides for the installation of a protective canopy over the exposed sections of the "threat" conveyor. It also modifies this conveyor to provide a reverse to facilitate bags required to move from aircraft or the apron into the baggage room.
H-0337	H40	Siemens Logistics	\$ 66,909.00	0.29%	16%	\$ 26,430,337.00		This COR modifies the baggage handling system maintenance access ladders for safety purposes. Ladder cages and handrail extensions have been added.
H-0338	H11	Ermco/Sachs	\$ 1,000.00	0.005%	19%	\$ 26,342,859.24		Through a design omission electrical circuits were not provided to passageway 08b.205 cabinet unit heater CUH-B2-5. This COR corrects this omission.

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H-0339	H11	Ermco/Sachs	\$ 3,288.00	0.01%	19%	\$ 26,346,147.24		Through an a design omission lighting was left off some sections of the elevated roadway. This COR is for a correction to some of the electrical related to this omission.
H-0340	H30	North Mechanical	\$ 50,300.00	0.65%	15%	\$ 8,819,006.00		A design error left off a number of conduits for electrical, security and paging at terminal roadside locations. This COR adds conduits within "dummy" water spouts to provide the required connectivity to these items.
T-0219	T13	Gradex	\$ 26,392.00	0.20%	6%	\$ 13,713,306.40		Revisions made by Designer to Glycol/GSE oil/water separators.
T-0221	T20	FA Wilhelm	\$ 30,841.00	0.11%	8%	\$ 29,428,776.00		The GTC Canopy Roof as shown on the contract documents was to have a radius edge. There was difficulty trying to achieve this detail without creating numerous joints which would likely require additional maintenance to prevent leaks. To correct this the design was modified to revise the detail to a squared off bull nose, which minimizes the number of joints installed, thus reducing the amount of future maintenance required. This COR provides the contract change for this modification.
T-0222	T23	Ermco/Sachs	\$ 3,055.00	0.04%	33%	\$ 9,250,333.00		This COR adds millwork for the limousine counters located on the first level of the GTC, removes (6) floor receptacles, changes to junction boxes and provides and installs (1) light, (1) switch, (1) receptacle per station, and electrical wiring and connections required for each junction box. This work was omitted from the GTC bid documents in error.
T-0223	T23	Ermco/Sachs	\$ 9,571.00	0.14%	33%	\$ 9,259,904.00		This COR adds conduit and cable for the garage/GTC horizontal communications. This add is to accommodate changes in the rental car agency requirements.