DTW MASTER PLAN STUDY

PREFERRED DEVELOPMENT PLAN COST ESTIMATE

March 3, 2008

Provided By:

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FAITHFUL GOULD



DTW MASTER PLAN WAYNE COUNTY AIRPORT AUTHORITY



January 21, 2008

PURPOSE OF THE ESTIMATE

This estimate has been prepared pursuant to an agreement between Jacobsen Daniels Associates LLC and Faithful+Gould (F+G), for the purpose of establishing the probable cost of the proposed Master Plan for DTW.

PROJECT DESCRIPTION

This Master Plan includes 49 projects to be constructed over a twenty two year period.

BASIS OF ESTIMATE

This Master Plan estimate is based on the most recent site plan and descriptions of the proposed projects as understood by the planning team.

descriptions provided by the planning team based on comparisons to similar projects recently estimated by F+G and similar projects at DTW or elewhere.

BASIS FOR PRICING

Pricing shown reflects probable construction costs obtainable in Detroit, Michigan. The intention of this estimate is to reflect fair market value for the construction of this project. It is not a prediction of low bid. Pricing is based on competitive bid conditions with a minimum of 3 bidders for all subcontracted work and a minimum of 5 bids from general contractors. If fewer bids are received, bid results shall be expected to vary.

CONSTRUCTION SCHEDULE AND ESCALATION

The scheduled construction period for this project has been assumed, and developed from data received from the plannign team. However, any costs for excessive overtime to meet stringent milestone dates are not included in this estimate.

CONTINGENCIES

A 20% Design Contingency has been added to the Project Summary to cover design development costs. The 20% contingency is made up of:

- 12% Architect and Engineers Fees
- 2% Survey
- 3% Inspection and Testing
- 1% Planning
- 1% Environmental Studies
- 1% Professional and Non Professional

We have included 4% Per Annum escalation, applied aggragately. Should the project be delayed beyond the dates shown, additional escalation will need to be added.

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January 21, 2008

ITEMS AFFECTING THE COST ESTIMATE

Items that may change the estimated construction cost include, but are not limited to: Modifications to scope of work or schedule in estimate since the documents were issued to F+G Unforeseen subsurface conditions Restrictive technical specifications or excessive contract conditions Non-competitive bid conditions Sole source specifications of materials or products Unforeseen or excessive transportation or material cost escalation Bids delayed beyond the projected schedule

ITEMS EXCLUDED FROM THIS ESTIMATE

Items that are not in this estimate include, but are not limited to: Impact Fees and Permits Owner's field inspection costs Testing fees Owner furnished items and Owner move-in costs FF&E including furniture, cabinets and other furnishings Hazardous material mitigation

STATEMENT OF PROBABLE COST

F+G has no control over the cost of labor and material, the general contractor's or any subcontractor's method of determining prices, or competitive bidding and market conditions. This opinion of probable cost of construction is made on the basis of experience, qualifications, and best judgment of a professional construction consultant familiar with the construction industry. F+G cannot and does not guarantee that proposals, bids or actual

The F+G staff of professional cost consultants has prepared this estimate in accordance with generally accepted principles and practices. This staff is available to discuss its contents with any interested party.

RECOMMENDATIONS FOR COST CONTROL

F+G recommends that the Owner, Architect and Engineers carefully review this entire document to ensure that it reflects their design intent. Requests for modifications of any apparent errors or omissions to this document should be made to F+G within ten (10) days of receipt of this estimate. Otherwise, it will be understood that the contents have been concurred with and accepted. If the project is over budget, or if there are unresolved budgeting issues, alternative systems/schemes should be evaluated before proceeding further into design.

Wayne County Airport Authority Detroit Metropolitan Wayne County Airport - Master Plan Study

Cost Estimate Roll-Up Summary

PROJECT NO. & DESCRIPTION	TOTAL COST	CONSULTING	CONTINGENCY	ESCALATION	CONSTRUCTION	OTHER *	ALLOWANCE
PHASE 1							
1 South Public Parking (4,000 Spaces)	21,886,200	3,126,600	3,126,600	1,158,000	14,475,000	0	(
2 West Cargo Taxiway (Phase 1)	5,609,097	801,300	801,300	296,778	3,709,720	0	(
3 Air Cargo Development (Phase 1)	10,000,000	0	0	0	0	0	10,000,00
4 Implementation Planning (Phase 1)	incl.	0	0	0	0	0	incl.
5 North Centralized Checkpoint	2,364,012	337,716	337,716	125,080	1,563,500	0	
6 South Centralized Checkpoint and Culvert Bridge Improvements	5,860,663	837,238	837,238	310,088	3,876,100	0	
7 Runway 4L-22R High Speed Taxiways	11,057,800	1,579,686	1,579,686	585,069	7,313,360	0	
8 Consolidated Rental Car Facility (CONRAC)	240,000,000	0	0	0	0	0	240,000,00
9 Runway 9R-27L High Speed Taxiway	3,368,826	481,261	481,261	331,904	2,074,400	0	,,.
10 Dirty Snow Storage Area	392,000	56,000	56,000	30,000	250,000	0	
11 North Employee Parking (2,500 Spaces)	13,230,000	1,890,000	1,890,000	700,000	8,750,000	0	
Subtotal	313,768,598	9,109,800	9,109,800	3,536,918	42,012,080	0	250,000,00
PHASE 2							
12 Blue Deck Parking Expansion (4,000 Spaces)	138,054,000	19,722,000	19,722,000	16,435,000	82,175,000	0	
13 Relocated South Employee Parking (3,500 Spaces)	24,892,000	3,556,000	3,556,000	5,080,000	12,700,000	0	
14 Relocated Executive Terminal	19,723,200	2,817,600	2,817,600	2,348,000	11,740,000	0	
15 Runway 3L-21R Centralized Deicing Pad Expansion (Phase 1)	20,424,750	2,917,821	2,917,821	3,191,367	11,397,740	0	
16 Runway 4R-22L Centralized Deicing Pad Expansion (Phase 1)	34,749,568	4,964,224	4,964,224	5,429,620	19,391,500	0	
17 Runway 3L Perimeter Taxiways	24,506,244	3,500,892	3,500,892	2,917,410	14,587,050	0	
18 West Cargo Taxiway (Phase 2)	6,232,330	890,333	890,333	741,944	3,709,720	0	
19 Air Cargo Development (Phase 2)	12.000.000	030,339	030,333	0	0	0	12,000,00
20 Runway 21R Extension & Land Acquisition (1,500')	48.926.080	4,989,440	4,989,440	5,457,200	19,490,000	14,000,000	12,000,00
21 Implementation Planning (Phase 2)	incl.	4,303,440	4,505,440	3,437,200	13,430,000	14,000,000	incl.
22 Airport Transit System & Maintenance Building	734,857,480	104,979,640	104,979,640	101,593,200	423,305,000	0	inci.
23 McNamara Concourses B&C Expansion (10 Gates)	179,791,739	25,684,534	25,684,534	24,856,001	103,566,670	0	
24 New Flight Kitchen	25,000,000	23,004,334	23,004,334	24,000,001	103,300,070	0	25,000,00
25 Taxiway PP Extension	16,884,000	2,412,000	2,412,000	2,010,000	10,050,000	0	23,000,00
26 Perimeter Aircraft Rescue Fire Fighting (ARFF) Station 400	4,836,989	690,998	690,998	575,832	2,879,160	0	
27 North Terminal Expansion (5 Gates)	119,856,339	17,122,334	17,122,334	16,570,001	69,041,670	0	
28 Fuel Farm Expansion	3,987,863	569,695	569,695	623,104	2,225,370	0	
29 Land Acquisition - Fifth Parallel Runway	172,275,054	0	0	0_0,101	2,220,010	172,275,054	
30 Airline Freight Facilities	6,451,200	921,600	921,600	1,008,000	3,600,000	0	
Subtotal	1,593,448,836	195,739,112	195,739,112	188,836,678	789,858,880	186,275,054	37,000,00
PHASE 3							
31 North Public Parking (2,500 Spaces)	15,190,000	2,170,000	2,170,000	2,100,000	8,750,000	0	
32 Runway 3L-21R Centralized Deicing Pad Expansion (Phase 2)	46,412,800	6,630,400	6,630,400	10,752,000	22,400,000	0	
33 North Public Parking Garage/Intermodal Center	220,189,368	31,455,624	31,455,624	51,009,120	106,269,000	0	
34 Concession Distribution Center	6,837,600	976,800	976,800	1,584,000	3,300,000	0	
35 Relocated ARFF Training Facility	3,942,086	563,155	563,155	860,376	1,955,400	0	
36 New Storm Water Detention Pond	8,236,368	1,176,624	1,176,624	1,797,620	4,085,500	0	
37 Fifth Parallel Runway	285,966,677	38,404,643	38,404,643	54,863,776	137,159,440	17,134,175	
38 Perimeter Taxiway for Fifth Parallel Runway	75,150,947	10,735,850	10,735,850	15,336,928	38,342,320	0	
39 West Cargo Taxiway (Phase 3)	29,008,000	4,144,000	4,144,000	6,720,000	14,000,000	0	
40 Air Cargo Development (Phase 3)	15,000,000	0	0	0	0	0	15,000,0
41 Airfield Maintenance Complex Satellite	14,444,640	2,063,520	2,063,520	3,152,600	7,165,000	0	
42 McNamara Concourses B&C Expansion (20 Gates)	392,942,876	56,134,697	56,134,697	91,029,238	189,644,245	0	
43 Perimeter Aircraft Rescue Fire Fighting (ARFF) Station 500	5,985,546	855,078	855,078	1,221,540	3,053,850	0	
44 North Terminal Expansion (5 Gates-Phase 2)	107,107,225	15,301,032	15,301,032	24,812,484	51,692,676	0	
45 Runway 4R-22L Centralized Deicing Pad Expansion (Phase 2)	27,972,000	3,996,000	3,996,000	6,480,000	13,500,000	0	
46 Taxiway J Extension	36,153,019	5,164,717	5,164,717	9,270,005	16,553,580	0	
47 Taxiway S Extension	12,967,360	1,852,480	1,852,480	3,473,400	5,789,000	0	
48 Taxiway U Extension	16,714,880	2,387,840	2,387,840	4,659,200	7,280,000	0	
49 Taxiway H Extension Subtotal	23,315,494	3,330,785	3,330,785	6,740,874	9,913,050	0	15,000,00
	1,343,536,886	187,343,244	187,343,244	295,863,161	640,853,061		
TOTAL	\$ 3,250,754,319	\$ 392,192,156	\$ 392,192,156	\$ 488,236,758	\$ 1,472,724,021	\$ 203.409.229	\$ 302,000,00

* Other includes land acquisition and demolition costs

March 3, 2008

Wayne County Airport Authority Detroit Metropolitan Wayne County Airport - Master Plan Study

Escalation Assumptions

	Current	Construction	
PROJECT NO. & DESCRIPTION	Year	Midpoint	Escalation
South Public Parking (4,000 Spaces)	2008	2010	0.08
West Cargo Taxiway (Phase 1)	2008	2010	0.08
Air Cargo Development (Phase 1)	2008	2010	0.08
Implementation Planning (Phase 1)	2008	2009	0.04
North Centralized Checkpoint	2008	2010	0.08
South Centralized Checkpoint and Culvert Bridge Improvements	2008	2010	0.08
Runway 4L-22R High Speed Taxiways	2008	2010	0.08
Consolidated Rental Car Facility (CONRAC)	2008	2011	0.12
Blue Deck Parking Expansion (4,000 Spaces)	2008	2013	0.2
Runway 9R-27L High Speed Taxiway	2008	2012	0.16
Runway 3L-21R Centralized Deicing Pad Expansion (Phase 1)	2008	2015	0.28
Relocated South Employee Parking (3,500 Spaces)	2008	2018	0.4
Runway 3L Perimeter Taxiways	2008	2013	0.2
Dirty Snow Storage Area	2008	2011	0.12
North Employee Parking (2,500 Spaces)	2008	2010	0.08
Relocated Executive Terminal	2008	2013	0.2
West Cargo Taxiway (Phase 2)	2008	2013	0.2
Air Cargo Development (Phase 2)	2008	2013	0.2
Runway 21R Extension & Land Acquisition (1,500')	2008	2015	0.28
Implementation Planning (Phase 2)	2008	2014	0.24
Airport Transit System & Maintenance Building	2008	2014	0.24
McNamara Concourses B&C Expansion (10 Gates)	2008	2014	0.24
Runway 4R-22L Centralized Deicing Pad Expansion (Phase 1)	2008	2015	0.28
New Flight Kitchen	2008	2014	0.24
North Public Parking (2,500 Spaces)	2008	2014	0.24
Taxiway PP Extension	2008	2013	0.2
Perimeter Aircraft Rescue Fire Fighting (ARFF) Station 400	2008	2013	0.2
North Terminal Expansion (5 Gates)	2008	2014	0.24
Fuel Farm Expansion	2008	2015	0.28
Land Acquisition - Fifth Parallel Runway	2008	2014	0.24
Airline Freight Facilities	2008	2015	0.28
Runway 3L-21R Centralized Deicing Pad Expansion (Phase 2)	2008	2020	0.48
North Public Parking Garage/Intermodal Center	2008	2020	0.48
Concession Distribution Center	2008	2020	0.48
Relocated ARFF Training Facility	2008	2019	0.44
New Storm Water Detention Pond	2008	2019	0.44
Fifth Parallel Runway	2008	2018	0.4
Perimeter Taxiway for Fifth Parallel Runway	2008	2018	0.4
West Cargo Taxiway (Phase 3)	2008	2020	0.48
Air Cargo Development (Phase 3)	2008	2020	0.48
Airfield Maintenance Complex Satellite	2008	2019	0.44
McNamara Concourses B&C Expansion (20 Gates)	2008	2020	0.48
Perimeter Aircraft Rescue Fire Fighting (ARFF) Station 500	2008	2018	0.4
North Terminal Expansion (5 Gates-Phase 2)	2008	2020	0.48
Runway 4R-22L Centralized Deicing Pad Expansion (Phase 2)	2008	2020	0.48
Taxiway J Extension	2008	2022	0.56
Taxiway S Extension	2008	2023	0.6
Taxiway U Extension	2008	2024	0.64
Taxiway H Extension	2008	2025	0.68

Revised 3/3/08





Description		Quantity	Unit	Unit Cost USD	Amount USD
South Public Parking (4,000 Spaces)					
CONSULTING		15,633,000		0.20	3,126,600
CONTINGENCY		15,633,000		0.20	3,126,600
ESCALATION		14,475,000		0.08	1,158,000
CONSTRUCTION					14,475,000
OTHER					
ALLOWANCE					
	Total				21,886,200
CONSTRUCTION					
INFRASTRUCTURE					
NEW PARKING LOT		4,000	ea	3,500.00	14,000,000
UTILITIES TO SITE		1	ls	250,000.00	250,000
BUILDINGS					
ATTENDANTS BUILDING		1,800	sf	125.00	225,000
	Total				14,475,000
West Cargo Taxiway (Phase 1)		4 000 400		0.00	001 200
CONSULTING		4,006,498		0.20	801,300
CONTINGENCY		4,006,498		0.20	801,300
ESCALATION		3,709,720		0.08	296,778
CONSTRUCTION					3,709,720
OTHER					
ALLOWANCE					
CONSTRUCTION	Total				5,609,097
CONSTRUCTION AIRFIELD					
TAXIWAY (1/4)		13,249	sy	280.00	3,709,720
	Total	13,249	Sy	200.00	3,709,720
	TOLAI				3,709,720
Air Cargo Development (Phase 1)					
CONSULTING					
CONTINGENCY					
ESCALATION					
CONSTRUCTION					
OTHER					
ALLOWANCE					10,000,000
	Total				10,000,000
Implementation Planning (Phase 1)					
CONSULTING					
CONTINGENCY ESCALATION					
CONSTRUCTION					
OTHER					
ALLOWANCE					incl.
	Total				
	iotai				-





Description		Quantity	Unit	Unit Cost	Amount
North Controlized Checknoint				USD	USD
North Centralized Checkpoint CONSULTING		1,688,580		0.20	337,716
CONTINGENCY		1,688,580		0.20	337,716
ESCALATION		1,563,500		0.08	125,080
CONSTRUCTION		,,			1,563,500
OTHER					, ,
ALLOWANCE					
	Total				2,364,012
CONSTRUCTION					
INFRASTRUCTURE					
REPAVE PARKING LOT		2,500	sy	65.00	162,500
UTILITIES		1	ls	50,000.00	50,000
DEMOLISH ROADS		1	ls	25,000.00	25,000
RELOCATE ROADS		1,500	lf	650.00	975,000
		1 000	af.	45.00	45.000
OPEN AIR STRUCTURE EMPLOYEE REST AREA BUILDING		1,000 1,800	sf sf	45.00 170.00	45,000
EMPLOTEE REST AREA BUILDING	Total	1,000	51	170.00	306,000 1,563,500
	TOLAI				1,505,500
South Centralized Checkpoint and Culve	ert Bridge				
Improvements	U U				
CONSULTING		4,186,188		0.20	837,238
CONTINGENCY		4,186,188		0.20	837,238
ESCALATION		3,876,100		0.08	310,088
CONSTRUCTION					3,876,100
OTHER					
ALLOWANCE					
CONSTRUCTION	Total				5,860,663
INFRASTRUCTURE					
PAVING		1,640	sy	90.00	147,600
CULVERT BRIDGE		2,000	lf	1,225.00	2,450,000
ROADWAY		1,350	lf	650.00	877,500
UTILITIES		1	ls	50,000.00	50,000
BUILDINGS					
OPEN AIR STRUCTURE		1,000	sf	45.00	45,000
EMPLOYEE REST AREA BUILDING		1,800	sf	170.00	306,000
	Total				3,876,100
Runway 4L-22R High Speed Taxiways					
CONSULTING		7,898,429		0.20	1,579,686
CONTINGENCY		7,898,429		0.20	1,579,686
ESCALATION		7,313,360		0.08	585,069
CONSTRUCTION					7,313,360
OTHER					
ALLOWANCE					
	Total				11,057,800
CONSTRUCTION					
		4	la	100.000.00	400.000
		1	ls	100,000.00	100,000
AIRFIELD PAVING		25,762	61/	280.00	7,213,360
	Total	20,102	sy	200.00	7,213,360
	iotai				1,515,500





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Description		Quantity	Unit	Unit Cost USD	Amount USD
Consolidated Rental Car Facility (CO	ONRAC)			000	000
CONSULTING	,				
CONTINGENCY					
ESCALATION					
CONSTRUCTION					
OTHER		4	le.	240,000,000	240,000,000
ALLOWANCE	Total	1	ls	240,000,000	240,000,000
	Total				240,000,000
Blue Deck Parking Expansion (4,00	0 Spaces)				
CONSULTING		98,610,000		0.20	19,722,000
CONTINGENCY		98,610,000		0.20	19,722,000
ESCALATION		82,175,000		0.20	16,435,000
CONSTRUCTION					82,175,000
OTHER					
ALLOWANCE					
	Total				138,054,000
CONSTRUCTION					
				100.000.00	100.000
REROUTE UTILITIES		1	ls	100,000.00	100,000
ROADWAYS				50.000.00	50.000
ROADWAY REALIGNMENT		1	ls	50,000.00	50,000
DEMOLITION OF EXISTING ROAD		1	ls	25,000.00	25,000
		4 000		20 500 00	82,000,000
PARKING GARAGE	Tatal	4,000	ea	20,500.00	82,000,000
	Total				82,175,000
Runway 9R-27L High Speed Taxiway	V				
CONSULTING		2,406,304		0.20	481,261
CONTINGENCY		2,406,304		0.20	481,261
ESCALATION		2,074,400		0.16	331,904
CONSTRUCTION					2,074,400
OTHER					
ALLOWANCE					
	Total				3,368,826
CONSTRUCTION					
INFRASTRUCTURE					
REROUTE UTILITIES		1	ls	50,000.00	50,000
		7 000		000.00	0.004.400
PAVING		7,230	sy	280.00	2,024,400
	Total				2,074,400





Description		Quantity	Unit	Unit Cost	Amount
Runway 3L-21R Centralized Deicing Pad				USD	USD
Expansion (Phase 1)					
CONSULTING		14,589,107		0.20	2,917,821
CONTINGENCY		14,589,107		0.20	2,917,821
ESCALATION		11,397,740		0.28	3,191,367
CONSTRUCTION					11,397,740
OTHER					
ALLOWANCE					
	Total				20,424,750
CONSTRUCTION					
INFRASTRUCTURE					
STORM SEWER LINE		780	lf	64.00	49,920
CATCH BASIN		4	ea	1,200.00	4,800
GLYCOL CONTAMINATED DRAIN LINE		1,180	lf	64.00	75,520
GLYCOL SEPARATOR		1	ea	87,500.00	87,500
SPENT FLUID COLLECTION SYSTEM		1	ls	500,000.00	500,000
BUILDINGS					
OPERATIONS/MAINTENANCE BUILDING		10,000	sf	60.00	600,000
AIRFIELD					
DE-ICING PAD PAVEMENT		36,000	sy	280.00	10,080,000
	Total				11,397,740
Relocated South Employee Parking (3,500					
Spaces)					
CONSULTING		17,780,000		0.20	3,556,000
CONTINGENCY		17,780,000		0.20	3,556,000
ESCALATION		12,700,000		0.40	5,080,000
CONSTRUCTION					12,700,000
OTHER					
ALLOWANCE					
	Total				24,892,000
CONSTRUCTION					
INFRASTRUCTURE					
REROUTE UTILITIES		1	ls	150,000.00	150,000
		3,500	ea	3,500.00	12,250,000
UTILITIES		1	ls	300,000.00	300,000
	Total				12,700,000
Runway 3L Perimeter Taxiways		17 504 400		0.00	2 500 000
CONSULTING		17,504,460		0.20	3,500,892
		17,504,460		0.20	3,500,892
ESCALATION		14,587,050		0.20	2,917,410
CONSTRUCTION					14,587,050
OTHER					
ALLOWANCE					
CONCTRUCTION	Total				24,506,244
CONSTRUCTION					
ROADWAYS					
DEMOLISH EXISTING PARKING PAVING		850,000	sf	5.00	4,250,000
DEMOLISH EXISTING ROADWAY		4,070	sy	15.00	61,050
		00 700	-1	000.00	40.070.000
CONSTRUCT TAXIWAYS	Tatal	36,700	sf	280.00	10,276,000
	Total				14,587,050





Description		Quantity	Unit	Unit Cost USD	Amount USD
Dirty Snow Storage Area					
CONSULTING		280,000		0.20	56,000
CONTINGENCY		280,000		0.20	56,000
ESCALATION		250,000		0.12	30,000
CONSTRUCTION					250,000
OTHER					
ALLOWANCE					
	Total				392,000
CONSTRUCTION					
INFRASTRUCTURE					
STORM SEWER SYSTEM		1	ls	200,000.00	200,000
AIRFIELD					
FENCING AND ROAD IMPROVEMENTS		1	ls	50000.00	50,000
	Total				250,000
Relocated Executive Terminal					
CONSULTING		14,088,000		0.20	2,817,600
CONTINGENCY		14,088,000		0.20	2,817,600
ESCALATION CONSTRUCTION		11,740,000		0.20	2,348,000 11,740,000
OTHER					11,740,000
ALLOWANCE					
	Total				19,723,200
CONSTRUCTION					
BUILDINGS					
RELOCATE EXISTING TERMINAL		1	ls	400000.00	4,000,000
CONSTRUCT NEW TERMINAL PAVEMENT		4,000	sf	250.00	1,000,000
PAVEMENT PAVEMENT APRON AT NEW SITE		30,000	sy	200.00	6,000,000
TAXIWAY AT NEW LOCATION		3,000	sy	200.00	600,000
ROADWAY AND PARKING IMPROVEMENT	S	40	ea	3500.00	140,000
	Total				11,740,000
Runway 4R-22L Centralized Deicing Pad					
Expansion (Phase 1)		04 004 400		0.20	4.004.004
CONSULTING CONTINGENCY		24,821,120 24,821,120		0.20 0.20	4,964,224 4,964,224
ESCALATION		19,391,500		0.28	5,429,620
CONSTRUCTION		-, ,			19,391,500
OTHER					
ALLOWANCE					
CONSTRUCTION	Total				34,749,568
CONSTRUCTION INFRASTRUCTURE					
STORM SEWER LINE		1,200	lf	65.00	78,000
GLYCOL CONTAMINATED WATER DRAIN	LINES	1,800	lf	70.00	126,000
GLYCOL SEPARATOR		1	ea	87,500.00	87,500
SPENT FLUID COLLECTION SYSTEM		1	ls	500,000.00	500,000
AIRFIELD					
		120,000	sy	150.00	18,000,000
BUILDING STORAGE BUILDING		10,000	flt	60.00	600,000
STORAGE BOILDING	Total	10,000	in	00.00	19,391,500
					,
West Cargo Taxiway (Phase 2)					
CONSULTING		4,451,664		0.20	890,333
CONTINGENCY		4,451,664		0.20	890,333
ESCALATION CONSTRUCTION		3,709,720		0.20	741,944
OTHER					3,709,720
ALLOWANCE					
	Total				6,232,330
CONSTRUCTION					
AIRFIELD					
TAXIWAY (1/4)	Tatal	13,249	sy	280.00	3,709,720
	Total				3,709,720





Description		Quantity	Unit	Unit Cost USD	Amount USD
Air Cargo Development (Phase 2) CONSULTING CONTINGENCY ESCALATION CONSTRUCTION					
OTHER ALLOWANCE					12,000,000
	Total				12,000,000
Runway 21R Extension & Land Acquisition (1,500')					
CONSULTING		24,947,200		0.20	4,989,440
CONTINGENCY		24,947,200		0.20	4,989,440
ESCALATION		19,490,000		0.28	5,457,200
CONSTRUCTION OTHER					19,490,000 14,000,000
ALLOWANCE					14,000,000
	Total				48,926,080
CONSTRUCTION					
		4	la	250 000 00	250,000
UTILITY RELOCATION AIRFIELD		1	ls	250,000.00	250,000
PAVING AT RUNWAY		33,000	sy	280.00	9,240,000
PAVING AT TAXIWAY		25,000	sy	280.00	7,000,000
CAT I INSTRUMENTATION (BOTH ENDS)		2	ls	100000.00	2,000,000
MISCELLANEOUS DEMOLISH EXISTING BUILDINGS		4	le.	1000000.00	1 000 000
DEMOLISH EXISTING BUILDINGS	Total	1	ls	100000.00	<u>1,000,000</u> 19,490,000
OTHER	lotal				10,400,000
LAND ACQUISITION		8	acre	500,000.00	4,000,000
DISPLACED COMMERCIAL PROPERTIES	Total	2	ea	5,000,000	10,000,000 14,000,000
Implementation Planning (Phase 2) CONSULTING CONTINGENCY ESCALATION CONSTRUCTION OTHER ALLOWANCE					incl.
	Total				-
Airport Transit System & Maintenance Buil	ding				
CONSULTING	ung	524,898,200		0.20	104,979,640
CONTINGENCY		524,898,200		0.20	104,979,640
ESCALATION		423,305,000		0.24	101,593,200
CONSTRUCTION OTHER					423,305,000
ALLOWANCE					
	Total				734,857,480
CONSTRUCTION					
INFRASTRUCTURE ELECTRIC RACEWAY FOR CONTROLS & (LIGHTING	CAR	27,635	lf	1,200.00	33,162,000
TRANSIT CARS - DUAL		8	ea	2,000,000	16,000,000
SPARE TRANSIT CAR FOR STAND-BY - DL TYPE	JAL	1	ea	2,000,000	2,000,000
RELOCATE AOA FENCING		1,700	lf	30.00	51,000
ROADWAYS ATS SYSTEM - RUNNING BEAM, DUAL TR/ ELEVATED GUIDE WAY DUAL RUNNING B TUNNELS AT TAXIWAYS & RUNWAYS FOF PLINNING BEAMS ROADWAY ELY OVER	EAM	25,500	lf	4,500.00	114,750,000

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RUNNING BEAMS ROADWAY FLY OVER





			CO	INSTRUCTIVE EXPERTISE	-~
Description		Quantity	Unit	Unit Cost USD	Amount USD
ELEVATED GUIDE WAY DUAL RUNNING B	EAM	20,000	lf	6,800.00	136,000,000
TUNNELS AT TAXIWAYS & RUNWAYS FOI RUNNING BEAMS	R DUAL	5,500	lf	7,000.00	38,500,000
ROADWAY FLY-OVER		600	lf	3,200.00	1,920,000
REBUILD CONCRETE RETAINING WALL		460	lf	450.00	207,000
DUCT BANK FROM POWER CENTER TO F BUILDINGS	DS	1,400	lf	400.00	560,000
RELOCATE AIR SIDE ROADS		1,700	lf	650.00	1,105,000
DUCT BANK FROM POWER CENTER TO F BUILDINGS	DS	1,400	lf	250.00	350,000
BUILDING STATIONS COMPLETE PDS BUILDING MAINTENANCE BUILDING MISCELLANEOUS LANDSCAPING	Total	5 4 1 1	ea ea ea Is	13,000,000 1,500,000 4,000,000 3,700,000	65,000,000 6,000,000 4,000,000 <u>3,700,000</u> 423,305,000
					423,303,000
McNamara Concourses B&C Expansion (10 Gates) CONSULTING CONTINGENCY ESCALATION CONSTRUCTION OTHER ALLOWANCE	J	128,422,671 128,422,671 103,566,670		0.20 0.20 0.24	25,684,534 25,684,534 24,856,001 103,566,670
	Total				179,791,739
CONSTRUCTION INFRASTRUCTURE REROUTE TELEPHONE LINES REROUTE WATER LINES REROUTE SANITARY SEWER REROUTE ELECTRIC LINES HYDRANT FUELING LINES AIRFIELD		953 664 215 271 10	lf lf lf lf ea	45.00 85.00 75.00 100.00 475,000.00	42,885 56,440 16,125 27,100 4,750,000
REWORK APRON		63,479	sy	280.00	17,774,120
BUILDINGS TERMINAL EXPANSION BAGGAGE HANDLING SYSTEM BUILDING EXPANSION FOR EDS JET BRIDGES AIRLINE FFE	Total	10 2 10,000 10 2	ea Is sf ea Is	6,500,000 2,200,000 400.00 500,000.00 1,250,000	65,000,000 4,400,000 4,000,000 5,000,000 2,500,000 103,566,670
	Total				105,500,070
New Flight Kitchen CONSULTING CONTINGENCY ESCALATION CONSTRUCTION OTHER ALLOWANCE					25,000,000
	Total				25 000 000

Total

25,000,000 **25,000,000**





Description		Quantity	Unit	Unit Cost	Amount
North Public Parking (2,500 Spaces)				USD	USD
CONSULTING		10,850,000		0.20	2,170,000
CONTINGENCY		10,850,000		0.20	2,170,000
ESCALATION		8,750,000		0.24	2,100,000
CONSTRUCTION					8,750,000
OTHER					
ALLOWANCE					
CONCEPTION	Total				15,190,000
CONSTRUCTION North Public Parking		2,500	00	3,500.00	8,750,000
Notifi Fublic Farking	Total	2,500	ea	3,300.00	8,750,000
	Total				0,750,000
Taxiway PP Extension					
CONSULTING		12,060,000		0.20	2,412,000
CONTINGENCY		12,060,000		0.20	2,412,000
ESCALATION		10,050,000		0.20	2,010,000
CONSTRUCTION					10,050,000
OTHER					
ALLOWANCE					
	Total				16,884,000
CONSTRUCTION					
INFRASTRUCTURE					
UTILITY RELOCATION		1	ls	250,000.00	250,000
AIRFIELD PAVING AT TAXIWAY		35,000	<u>ev</u>	280.00	9,800,000
FAVING AT TAXIWAT	Total	33,000	sy	200.00	10,050,000
	Total				10,050,000
Perimeter Aircraft Rescue Fire Fightin	na (ARFF)				
Station 400					
CONSULTING		3,454,992		0.20	690,998
CONTINGENCY		3,454,992		0.20	690,998
ESCALATION		2,879,160		0.20	575,832
CONSTRUCTION					2,879,160
OTHER					
ALLOWANCE					
	Total				4,836,989
CONSTRUCTION					
INFRASTRUCTURE					
UTILITIES		1	ls	50,000.00	50,000
PAVING		500	lf	634.50	317,250
BUILDINGS					
BUILDING		8,800	sf	250.00	2,200,000
MISCELLANEOUS					
EQUIPMENT		1	ls	100,000.00	100,000
PARKING FOR EMPLOYEES		40	ea	3,500.00	140,000
RADIO ANTENNA SYSTEM		1	ls	63,450.00	63,450
LANDSCAPE		1	ls	8,460.00	8,460
	Total				2,879,160
North Terminal Expansion (5 Gates)					
CONSULTING		85,611,671		0.20	17,122,334
CONTINGENCY		85,611,671		0.20	17,122,334
ESCALATION		69,041,670		0.24	16,570,001
CONSTRUCTION					69,041,670
OTHER					
ALLOWANCE	-				440.000.000
CONSTRUCTION	Total				119,856,339
		052	lf	45.00	10 005
REROUTE TELEPHONE LINES REROUTE WATER LINES		953 664	ll If	45.00 85.00	42,885 56,440
REROUTE WATER LINES REROUTE SANITARY SEWER		215	ll If	75.00	56,440 16,125
NENOUTE SANITART SEWER		210	н	10.00	10,120





Description	Quantity	Unit	Unit Cost	Amount
REROUTE ELECTRIC LINES	271	lf	USD 100.00	USD 27,100
HYDRANT FUELING LINES	5	ea	475,000.00	2,375,000
AIRFIELD				
REWORK APRON	63,479	sy	280.00	17,774,120
RELOCATE DELUGE TANKS	1	ls	8300000.00	8,300,000
BUILDINGS	_			
TERMINAL EXPANSION	5	ea	6,500,000	32,500,000
BAGGAGE HANDLING SYSTEM BUILDING EXPANSION FOR EDS	1 5,000	ls sf	2,200,000 400.00	2,200,000 2,000,000
JET BRIDGES	5	ea	500,000.00	2,500,000
AIRLINE FFE	1	ls	1,250,000	1,250,000
Total	·	10	.,200,000	69,041,670
North Employee Parking (2,500 Spaces)				
CONSULTING	9,450,000		0.20	1,890,000
	9,450,000		0.20 0.08	1,890,000
ESCALATION CONSTRUCTION	8,750,000		0.00	700,000 8,750,000
OTHER				8,750,000
ALLOWANCE				
Total				13,230,000
CONSTRUCTION				
North Employee Parking	2,500	ea	3,500.00	8,750,000
Total				8,750,000
Fuel Farm Expansion				
CONSULTING	2,848,474		0.20	569,695
CONTINGENCY	2,848,474		0.20	569,695
ESCALATION	2,225,370		0.28	623,104
CONSTRUCTION				2,225,370
OTHER				
ALLOWANCE				
Total				3,987,863
CONSTRUCTION MISCELLANEOUS				
FUEL TANK	60,000		35.00	2,100,000
BERM	579	су	30.00	17,370
LOADING PUMP & PIPING	1	set	108,000.00	108,000
Total				2,225,370
Land Acquisition - Fifth Parallel Runway				
CONSULTING CONTINGENCY				
ESCALATION				
CONSTRUCTION				
OTHER				172,275,054
ALLOWANCE				
Total				172,275,054
OTHER				
RESIDENTIAL PROPERTIES				
DISPLACEMENT OF SINGLE FAMILY RES	700	ea	89,144.00	62,400,800
RELOCATION ASSISTANCE	700	ea	22,000.00	15,400,000
DISPLACEMENT OF MULTI FAMILY RES	40	ea	750,000.00	30,000,000
INDUSTRIAL PROPERTIES DISPLACEMENT OF INDUSTRIAL PROPERTIES	17	63	1,251,206	21,270,502
COMMERCIAL PROPERTIES	17	ea	1,201,200	21,270,302
DISPLACEMENT OF COMMERCIAL PROPERTIES	9	ea	2,111,528	19,003,752
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		CD	NSTRUCTIVE EXPERTISE	~	
Description	Quantity	Unit	Unit Cost USD	Amount USD	
SCHOOL					
CLOSE ELEMENTARY SCHOOLS PARK	2	ea	11,100,000	22,200,000	
REPLACE MERRIMAN NEIGHBORHOOD PARK Total	1	ea	2,000,000	2,000,000 172,275,054	
Airline Freight Facilities					
CONSULTING	4,608,000		0.20	921,600	
CONTINGENCY	4,608,000		0.20	921,600	
ESCALATION	3,600,000		0.28	1,008,000	
CONSTRUCTION				3,600,000	
OTHER					
ALLOWANCE Total			<u> </u>	6,451,200	
CONSTRUCTION				0,451,200	
INFRASTRUCTURE					
UTILITIES	1	ls	100,000.00	100,000	
PAVING	1	ls	300,000.00	300,000	
DEMOLISH PAVING	1	ls	130,000.00	130,000	
BUILDINGS FREIGHT BUILDING	40,000	sf	75.00	3,000,000	
DEMOLISH EXISTING BUILDING	20,000	sf	3.50	70,000	
Total	20,000	01	0.00	3,600,000	
				-,,	
Runway 4R-22L Centralized Deicing Pad					
Expansion (Phase 2)					
CONSULTING	19,980,000		0.20	3,996,000	
	19,980,000		0.20	3,996,000	
ESCALATION CONSTRUCTION	13,500,000		0.48	6,480,000 13,500,000	
OTHER				13,500,000	
ALLOWANCE					
Total				27,972,000	
CONSTRUCTION					
	00.000		450.00	42 500 000	
REWORK EXISTING PAVING Total	90,000	sy	150.00	<u>13,500,000</u> 13,500,000	
				10,000,000	
Runway 3L-21R Centralized Deicing Pad					
Expansion (Phase 2)					
CONSULTING	33,152,000		0.20	6,630,400	
CONTINGENCY ESCALATION	33,152,000		0.20	6,630,400	
CONSTRUCTION	22,400,000		0.48	10,752,000 22,400,000	
OTHER				22,400,000	
ALLOWANCE					
Total				46,412,800	
CONSTRUCTION					
AIRFIELD DEICING PAD PAVEMENT	80,000	sy	280.00	22,400,000	
Total	00,000	0 y		22,400,000	
North Bublic Darking Correge/Intermedial Conter					
North Public Parking Garage/Intermodal Center CONSULTING	157 079 100		0.20	21 455 624	
CONSULTING	157,278,120		0.20 0.20	31,455,624	
ESCALATION	157,278,120 106,269,000			31,455,624 51,009,120	
CONSTRUCTION	100,209,000		0.48		
OTHER				106,269,000	
ALLOWANCE				220 400 260	
Total CONSTRUCTION				220,189,368	
INFRASTRUCTURE					
INSTALL UTILITIES TO SITE	1	ls	875,000.00	875,000	
ROADWAYS			0,000.00	070,000	
CONNECTING ROADS	1,050	lf	1,700.00	1,785,000	
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	CONSTRUCTIVE EXPERTISE				
Description	Quantity	Unit	Unit Cost USD	Amount USD	
BUILDING					
PARKING STRUCTURE	4,000	ea	20,500.00	82,000,000	
RETAIL (SHELL SPACE)	12,600	sf	200.00	2,520,000	
MISCELLANEOUS					
RELOCATE PERSONNEL & FFE FROM EXISTING	1	ls	825,000.00	825,000	
FACILITIES TO NEW LOCATION					
BUILD NEW FACILITIES	164,600	sf	90.00	14,814,000	
OTHER					
PURCHASE LAND AT NEW LOCATION	23	ac	150,000.00	3,450,000	
Total				106,269,000	
Concession Distribution Center					
CONSULTING	4,884,000		0.20	976,800	
CONTINGENCY	4,884,000		0.20	976,800	
ESCALATION	3,300,000		0.48	1,584,000	
CONSTRUCTION				3,300,000	
OTHER					
ALLOWANCE					
Total				6,837,600	
CONSTRUCTION INFRASTRUCTURE					
UTILITIES	1	ls	250,000.00	250,000	
AIRFIELD	I	15	230,000.00	230,000	
DEMOLISH PAVING	50,000	sf	2.00	100,000	
REWORK PAVING	1	ls	25,000.00	25,000	
BUILDINGS	I	15	23,000.00	23,000	
PRE-ENGINEERED METAL BUILDING -	40,000	sf	70.00	2,800,000	
WAREHOUSE	40,000	51	70.00	2,000,000	
FINISHES FOR OFFICE -SPACE	5,000	sf	25.00	125,000	
Total	-,			3,300,000	
				-,,	
Relocated ARFF Training Facility	0.045 770		0.00	500 AFF	
CONSULTING	2,815,776		0.20	563,155	
	2,815,776		0.20	563,155	
ESCALATION	1,955,400		0.44	860,376	
CONSTRUCTION				1,955,400	
OTHER					
ALLOWANCE Total				3,942,086	
CONSTRUCTION				3,342,000	
ROADWAYS					
ACCESS ROAD TO FACILITY	4,052	ls	200.00	810,400	
BUILDING					
CONTROL BUILDING	3,000	sf	185.00	555,000	
GRAVEL TRAINING AREA	20,000	sf	20.00	400,000	
MISCELLANEOUS				,	
PARKING LOT	50	ea	3,500.00	175,000	
RELOCATION OF STAFF, FFE	3,000	sf	5.00	15,000	
Total				1,955,400	
				,,-••	





Description	Quantity	Unit	Unit Cost USD	Amount USD
New Storm Water Detention Pond				
CONSULTING	5,883,120		0.20	1,176,624
CONTINGENCY	5,883,120		0.20	1,176,624
ESCALATION	4,085,500		0.44	1,797,620
CONSTRUCTION				4,085,500
OTHER				
ALLOWANCE				
Total				8,236,368
CONSTRUCTION INFRASTRUCTURE				
STORM WATER COLLECTION POND	22	acre	86,000.00	1,892,000
DIVERT STORM PIPE TO NEW LOCATION	6,950	lf	230.00	1,598,500
CROSS MAJOR ROADWAYS WITH NEW STORM PIPE	700	lf	650.00	455,000
MISCELLANEOUS				
PERIMETER FENCING	5,600	lf	25.00	140,000
Total				4,085,500
Fifth Parallel Runway				
CONSULTING	192,023,216		0.20	38,404,643
CONTINGENCY	192,023,216		0.20	38,404,643
ESCALATION	137,159,440		0.40	54,863,776
CONSTRUCTION	101,100,110		0.10	137,159,440
OTHER				17,134,175
ALLOWANCE				,
Total				285,966,677
CONSTRUCTION				
INFRASTRUCTURE				
REROUTE UTILITIES	1	ls	1,500,000	1,500,000
AIRFIELD				
RUNWAY COMPLETE	448,248	sy	280.00	125,509,440
ROADWAYS				
CONSTRUCT ROADWAY UNDER PROPOSED	3,180	lf	2,500.00	7,950,000
RUNWAY				
	1	ls	2,000,000	2,000,000
MISCELLANEOUS RESCUE EQUIPMENT AT NEW ARFF	2		100 000 00	200,000
RESCUE EQUIPMENT AT NEW ARFF	Z	ea	100,000.00	200,000
Total				137,159,440
OTHER				
DEMOLITION OF RESIDENTIAL PROPERTIES	10,172,706	sf	0.50	5,086,353
DEMOLITION OF COMMERCIAL PROPERTIES	450,000	sf	2.50	1,125,000
(ASSUME 50,000 SF EACH)				
DEMOLITION OF ELEMENTARY SCHOOLS	289,129	sf	2.50	722,822
DEMOLITION OF INDUSTRIAL PROPERTIES	3,400,000	sf	3.00	10,200,000
(ASSUME 200,000 SF EACH)				
Total				17,134,175





Description	Quantity	Unit	Unit Cost USD	Amount USD
Perimeter Taxiway for Fifth Parallel Runway				
CONSULTING	53,679,248		0.20	10,735,850
CONTINGENCY	53,679,248		0.20	10,735,850
ESCALATION	38,342,320		0.40	15,336,928
CONSTRUCTION				38,342,320
OTHER				
ALLOWANCE				
Total				75,150,947
INFRASTRUCTURE REROUTE UTILITIES	1	ls	250,000.00	250,000
AIRFIELD	I	15	250,000.00	250,000
TAXIWAY	112,769	<u>ev</u>	280.00	21 575 220
ROADWAYS	112,709	sy	200.00	31,575,320
CONSTRUCT ROADWAY UNDER PROPOSED	931	lf	7,000.00	6,517,000
TAXIWAY	351		7,000.00	0,517,000
Total				38,342,320
West Cargo Taxiway (Phase 3)				
CONSULTING	20,720,000		0.20	4,144,000
CONTINGENCY	20,720,000		0.20	4,144,000
ESCALATION	14,000,000		0.48	6,720,000
CONSTRUCTION	11,000,000		0.10	14,000,000
OTHER				14,000,000
ALLOWANCE				
Total				29,008,000
CONSTRUCTION				,,
	50.000		290.00	14,000,000
TAXIWAY (1/2) Total	50,000	sy	280.00	14,000,000 14,000,000
Total				14,000,000
Air Cargo Development (Phase 3) CONSULTING CONTINGENCY ESCALATION CONSTRUCTION OTHER				
ALLOWANCE				15,000,000
Total				15,000,000
Airfield Maintenance Complex Satellite				
CONSULTING	10,317,600		0.20	2,063,520
CONTINGENCY	10,317,600		0.20	2,063,520
ESCALATION	7,165,000		0.44	3,152,600
CONSTRUCTION				7,165,000
OTHER				
ALLOWANCE				
Total				14,444,640
CONSTRUCTION INFRASTRUCTURE				
UTILITIES TO BUILDING	1	ls	75,000.00	75,000
BUILDINGS	I	15	73,000.00	73,000
METAL BUILDING W/ STORAGE, WORKSHOP,	50,000	sf	125.00	6,250,000
OFFICES	30,000	51	123.00	0,230,000
MISCELLANEOUS				
PARKING LOT PRIVATE VEHICLES	100	ea	3,500.00	350,000
PAVING FOR MAINTENANCE EQUIPMENT	30,000	sf	8.00	240,000
RELOCATION OF STAFF	50,000	sf	5.00	250,000
Total	,000			7,165,000
iotai				1,100,000





Description	Quantity	Unit	Unit Cost USD	Amount USD
McNamara Concourses B&C Expansion (20			•••	
	200 072 402		0.00	50 404 007
CONSULTING	280,673,483		0.20	56,134,697
CONTINGENCY	280,673,483		0.20	56,134,697
ESCALATION	189,644,245		0.48	91,029,238
CONSTRUCTION				189,644,245
OTHER				
ALLOWANCE				
Total				392,942,876
CONSTRUCTION INFRASTRUCTURE				
REROUTE TELEPHONE LINES	3,812	lf	45.00	171,540
REROUTE WATER LINES	2,656	lf	85.00	225,760
REROUTE SANITARY SEWER	859	lf	75.00	64,425
REROUTE ELECTRIC LINES	1,084	lf	100.00	108,400
HYDRANT FUELING LINES	20	ea	475,000.00	9,500,000
AIRFIELD	20	ou	110,000.00	0,000,000
RE-WORK APRON	63,479	sy	280.00	17,774,120
BUILDINGS	00,410	Sy	200.00	11,114,120
TERMINAL EXPANSION	20	ea	6,500,000	130,000,000
BAGGAGE HANDLING SYSTEM	4	ea	2,200,000	8,800,000
BUILDING EXPANSION FOR EDS	20,000	sf	400.00	8,000,000
JET BRIDGES	20,000	ea	500,000.00	10,000,000
AIRLINE FFE	1	ls	5,000,000	5,000,000
Total	I	15	5,000,000	189,644,245
Total				103,044,243
Perimeter Aircraft Rescue Fire Fighting (ARFF)				
Station 500				
CONSULTING	4,275,390		0.20	855,078
CONTINGENCY	4,275,390		0.20	855,078
ESCALATION	3,053,850		0.40	1,221,540
CONSTRUCTION				3,053,850
OTHER				
ALLOWANCE				
Total				5,985,546
CONSTRUCTION				
INFRASTRUCTURE				
UTILITIES TO PROJECT	1	ls	40,000.00	40,000
ROADWAYS				
ROADWAY FOR ARFF TO RUNWAY	421	lf	650.00	273,650
ROADWAY TO AIR SIDE ROAD AND APRON	6,240	sf	30.00	187,200
BUILDING				
ARFF PARKING BAYS, KITCHEN, BUNK ROOM,	8,800	sf	250.00	2,200,000
EQUIPMENT STORAGE				
MISCELLANEOUS				
RESCUE EQUIPMENT	1	ea	141,000.00	141,000
PARKING FOR EMPLOYEES	40	ea	3,500.00	140,000
RADIO ANTENNA	1	ea	63,500.00	63,500
LANDSCAPE	1	ls	8,500.00	8,500
Total			· · · ·	3,053,850
				,





Description	Quantity	Unit	Unit Cost USD	Amount USD
North Terminal Expansion (5 Gates-Phase 2)			000	005
CONSULTING	76,505,160		0.20	15,301,032
CONTINGENCY	76,505,160		0.20	15,301,032
ESCALATION	51,692,676		0.48	24,812,484
CONSTRUCTION OTHER				51,692,676
ALLOWANCE				
Тс	otal			107,107,225
CONSTRUCTION				
INFRASTRUCTURE REROUTE TELEPHONE LINES	953	lf	45.00	42,885
REROUTE WATER LINES	664	lf	45.00 85.00	56,440
REROUTE SANITARY SEWER	215	 If	75.00	16,125
REROUTE ELECTRIC LINES	271	lf	100.00	27,100
HYDRANT FUELING LINES	5	ea	475,000.00	2,375,000
AIRFIELD				
REWORK APRON	32,600	sy	280.00	9,128,000
BUILDINGS TERMINAL EXPANSION	5	ea	6,500,000	32,500,000
BAGGAGE HANDLING SYSTEM	1	ls	2,200,000	2,200,000
BUILDING EXPANSION FOR EDS	5,000	sf	400.00	2,000,000
JET BRIDGES	5	ea	500,000.00	2,500,000
AIRLINE FFE (gate number)	5	ea	125,000.00	625,000
MISCELLANEOUS				
PARKING LOT, PRIVATE VEHICLES ON EAST		ea	3,500.00	210,000
LANDSCAPING	1 Dtal	ls	12,126.00	12,126 51,692,676
				01,002,010
Taxiway J Extension				
CONSULTING	25,823,585		0.20	5,164,717
CONTINGENCY	25,823,585		0.20	5,164,717
ESCALATION	16,553,580		0.56	9,270,005
CONSTRUCTION				16,553,580
OTHER				
ALLOWANCE				
	otal			36,153,019
CONSTRUCTION AIRFIELD				
TAXIWAY COMPLETE	58,456	sy	280.00	16,367,680
MISCELLANEOUS	00,100	0)	200.00	10,000,000
DEMOLITION OF EXISTING BUILDINGS	27,543	sf	4.00	110,172
DEMOLITION OF PAVING	4,733	sy	16.00	75,728
	otal	e)		16,553,580
Taxiway S Extension				
CONSULTING	9,262,400		0.20	1,852,480
CONTINGENCY	9,262,400		0.20	1,852,480
ESCALATION	5,789,000		0.60	3,473,400
CONSTRUCTION				5,789,000
OTHER				
ALLOWANCE				
	otal			12,967,360
AIRFIELD TAXIWAY COMPLETE	00.075	01/	280.00	E 700 000
	20,675	sy	280.00	5,789,000 5,789,000
lo	otal			5,789,000





Description		Quantity	Unit	Unit Cost USD	Amount USD		
Taxiway U Extension							
CONSULTING		11,939,200		0.20	2,387,840		
CONTINGENCY		11,939,200		0.20	2,387,840		
ESCALATION		7,280,000		0.64	4,659,200		
CONSTRUCTION					7,280,000		
OTHER							
ALLOWANCE							
	Total				16,714,880		
CONSTRUCTION							
AIRFIELD							
TAXIWAY		26,000	sy	280.00	7,280,000		
TAXIWAY BRIDGE STRUCTURE		0	sf	150.00	-		
	Total				7,280,000		
Taxiway H Extension							
CONSULTING		16,653,924		0.20	3,330,785		
CONTINGENCY		16,653,924		0.20	3,330,785		
ESCALATION		9,913,050		0.68	6,740,874		
CONSTRUCTION					9,913,050		
OTHER							
ALLOWANCE							
	Total				23,315,494		
CONSTRUCTION							
INFRASTRUCTURE							
RELOCATE UTILITIES		1	ls	2,250,000	2,250,000		
AIRFIELD							
TAXIWAY BRIDGE STRUCTURE		51,087	sf	150.00	7,663,050		
	Total				9,913,050		

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