

Shanghai Pudong International Airport Project(Budgetary Estimate Of Airside Civil Works)

Name of engineering: Pavement engineering

Design No.:(96)09-4

Item No.	Quota	Description Of Works	Unit	Quantity	Estimation cost(RMB)			(RMB)				Labour day		
					unit price	total price	Labour cost		Material cost		Machine cost		norm	amount
							unit price	cost	unit price	cost	unit price	cost		
1	CAAC1-214.215	Runway,Runway shoulder Cement concrete 5.0MPa(T 46cm)	100m ²	558.00	9996.72	55781.69.76	862.59	481325.22	8698.10	4853539.80	436.03	243304.74	73.60	41068.80
2	CAAC1-214.215	Cement concrete 5.0MPa(T 45cm)	100m ²	48.00	9779.18	469400.64	843.84	40504.32	8508.79	408421.92	426.55	20474.40	72.00	3456.00
3	CAAC1-214.215	Cement concrete 5.0MPa(T 42cm)	100m ²	696.00	9127.23	6352552.08	787.58	548155.68	7941.54	5527311.84	398.11	277084.56	67.20	46771.20
4	CAAC1-213.215	Cement concrete 5.0MPa(T 37cm)	100m ²	246.06	8040.66	1978484.80	693.82	170721.35	6996.12	1721465.29	350.72	86298.16	59.20	14566.75
5	CAAC1-213.215	Cement concrete 5.0MPa(T 35cm)	100m ²	34.00	7606.03	258605.02	656.32	22314.88	6617.95	225010.30	331.76	11279.84	56.00	1904.00
6	CAAC1-212.215	Cement concrete 5.0MPa(T 32cm)	100m ²	166.75	6925.60	1154843.80	600.06	100060.01	6018.89	1003649.91	306.65	51133.89	51.20	8557.60
7	CAAC1-214.215	Cement concrete 5.0MPa(T 46-37cm)	100m ²	268.00	9009.64	2414583.52	778.21	208560.28	7845.78	2102669.04	385.65	103354.20	66.40	17795.20
8	CAAC1-214.215	Cement concrete 5.0MPa(T 42-37cm)	100m ²	48.25	8575.43	413764.50	740.70	35738.78	7467.67	360315.08	367.06	17710.65	63.20	3049.40
9	CAAC1-213.215	Cement concrete 5.0MPa(T 42-35cm)	100m ²	17.00	8358.33	142091.61	721.95	12273.15	7278.61	123736.37	357.77	6082.09	61.60	1047.20
10	CAAC1-213.215	Cement concrete 5.0MPa(T 42-32cm)	100m ²	333.50	8040.66	2681560.11	693.82	231388.97	6996.12	2332066.02	350.72	116965.12	59.20	19743.20
11	CAAC1-208	Cement concrete 5.0MPa(T 2cm)	100m ²	7.16	2600.04	18616.29	225.02	1611.14	2268.11	16239.67	106.91	765.48	19.20	137.47
12	CAAC1-209	Cement concrete 5.0MPa(T 16cm)	100m ²	97.42	3465.17	337576.86	300.03	29228.92	3024.55	294651.66	140.59	13696.28	25.60	2493.95
13	CAAC1-211.215	Cement concret 5.0MPa (T 26cm)	100m ²	0.48	5649.63	2711.82	487.35	253.93	4915.77	2389.57	246.51	118.32	41.60	19.97
14	CAAC1-216	Precast concrete block	10m ³	18.40	3720.48	68456.83	623.50	11472.40	2550.46	46928.46	546.52	10055.97	53.20	978.88
15	CAAC1-175.176	Lime flyash stabilized crushed stone(up-base)(T 18cm)	100m ²	4921.96	1955.99	9627304.54	138.52	681789.90	1642.28	8083236.47	175.19	862278.17	12.14	59752.59
16	CAAC1-175.176	Lime flyash stabilized crushed stone(subbase)(T 18cm)	100m ²	2461.30	1885.49	4640756.54	138.52	340939.28	1571.78	3868622.11	175.19	431195.15	12.14	29880.18
17	CAAC1-175.176	Lime flyash stabilized crushed stone(up-base)(T 16cm)	100m ²	140.16	1738.65	243689.18	123.13	17257.90	1459.80	204605.57	155.72	21825.72	11.10	1555.78
18	CAAC1-175.176	Lime flyash stabilized crushed stone(subbase)(T 16cm)	100m ²	137.72	1683.66	231873.66	123.13	16957.46	1404.81	193470.43	155.72	21445.76	11.10	1528.69
19	CAAC1-193	Crushed stone for sub-base course (T 20cm)	100m ²	2.44	1912.01	4665.30	134.18	327.40	1743.39	4253.87	34.44	84.03	11.76	28.69
20	CAAC1-224	Construction key joint (T 2mm)	10m ²	2258.40	32.13	72562.39	3.84	8672.26	28.29	63890.14	0.00	0.00	0.00	745.27
21	CAAC1-234	Curing(sack)	100m ²	104.58	76.83	8034.88	13.71	1433.79	57.54	6017.53	5.58	583.56	1.17	122.36
22	CAAC1-236	Curing(film)	100m ²	2416.04	615.10	1486106.20	17.58	42473.98	549.41	1327396.54	48.11	116235.68	1.50	3624.06
23	CAAC1-220.221	PUT joint sealing(expansion joint T 2cm)	10m ²	16.45	1305.70	21478.77	57.66	948.51	1248.04	20530.26	0.00	0.00	0.00	80.93
24	CAAC1-233	PUT joint sealing(w0.8cm)	10m ²	1107.26	828.04	916855.57	50.40	55805.90	760.05	841572.96	17.59	19476.70	4.30	4761.22
25	CAAC1-218	Expansion joint board (T 2cm)	10m ²	16.45	355.81	5853.07	98.10	1613.75	257.71	4239.33	0.00	0.00	0.00	137.69
26	CAAC1-228.229	Dummy joint cutting(W0.4cm, D8cm)	100m	483.21	701.74	339087.79	112.04	54138.85	416.44	201227.97	173.26	83720.96	9.56	4619.49
27	CAAC1-230.231	Dummy joint cutting(W0.8cm, D3cm)	100m	1107.26	337.55	373755.61	45.83	50745.73	220.81	244494.08	70.91	78515.81	3.91	4329.39
28	CAAC1-225	Traction type finishing	100m ²	2520.62	32.92	82978.81	32.82	82726.75	0.10	252.06			0.00	7057.74
29	H-1	Creeping	100m ²	1707.00	50.00	85350.00					50.00	85350.00		
SUB-TOTAL						40011769.96		3249420.47		34083314.25				279793.70
TOTAL						40011769.96		3249420.47		34083314.25				279793.70

Shanghai Pudong International Airport Project(Budgetary Estimate Of Airside Civil Works)

Name of engineering: Pavement engineering
 Design No.:(96)99-4

Item No.	Quota	Description Of Works	Unit	Quantity	Estimation cost(RMB)		Labour cost		Material cost		Machine cost		Labour day	
					unit price	total price	unit price	cost	unit price	cost	unit price	cost	norm	amount
3 A-Taxiway-A-Taxiway Shoulder														
1	CAAC1-214,215	Cement concrete 5.0MPa(T 45cm)	100m ²	1160.00	9779.18	11343848.80	843.84	978884.40	8508.79	9870196.40	426.55	494798.06	72.00	83520.00
2	CAAC1-211,215	Cement concrete 5.0MPa(T 26cm)	100m ²	1.50	5649.63	8474.45	487.35	731.03	4915.77	7373.66	246.51	369.77	41.60	62.40
3	CAAC1-208	Cement concrete 5.0MPa(T 12cm)	100m ²	257.40	2600.04	669250.30	225.02	57929.15	2268.11	583811.51	106.91	27518.63	19.20	4942.08
4	CAAC1-175,176	Lime flyash stabilized crushed stone(up-base)(T 18cm)	100m ²	2357.52	1955.99	4611285.54	138.52	326563.67	1642.28	3871707.95	175.19	413013.93	12.14	28620.29
5	CAAC1-175,176	Lime flyash stabilized crushed stone(subbase)(T 18cm)	100m ²	1179.56	1885.49	2224048.58	138.52	163392.65	1571.78	1854008.82	175.19	206647.12	12.14	14319.86
6	CAAC1-175,176	Lime flyash stabilized crushed stone(up-base)(T 16cm)	100m ²	274.56	1738.65	477363.74	123.13	33806.57	1459.80	409802.69	155.72	42754.48	11.10	3047.62
7	CAAC1-175,176	Lime flyash stabilized crushed stone(subbase)(T 16cm)	100m ²	274.56	1683.66	462265.69	123.13	33806.57	1404.81	385704.63	155.72	42754.48	11.10	3047.62
8	CAAC1-224	Construction key joint (T 2mm)	10m	1984.50	32.13	63761.99	3.84	7620.48	28.29	56141.51	0.00		0.33	644.89
9	CAAC1-234	Curing(sack)	100m ²	257.40	76.83	19776.04	13.71	3528.95	57.54	14810.80	5.58	1436.29	1.17	301.16
10	CAAC1-236	Curing(film)	100m ²	1161.50	615.10	714438.65	17.58	20419.17	549.41	638139.72	48.11	55879.77	1.50	1742.25
11	CAAC1-220,221	PUT joint sealing(expansion joint T 2cm)	10m	30.89	1365.70	40333.07	57.66	1781.12	1248.04	38551.96	0.00		4.92	151.98
12	CAAC1-233	PUT joint sealing(w0.8cm)	100m	704.91	828.04	583693.68	50.40	35527.46	760.05	535766.85	17.59	12390.37	4.30	3031.11
13	CAAC1-218	Expansion joint board (T 2cm)	10m ²	30.89	355.81	10990.97	98.10	3030.31	257.71	7960.66	0.00		8.37	258.55
14	CAAC1-228,229	Dummy joint cutting(W0.4cm, 18cm)	100m	252.30	701.74	163014.20	112.04	26026.89	416.44	96739.01	173.26	40248.30	9.56	2220.79
15	CAAC1-230,231	Dummy joint cutting(W0.8cm, 18cm)	100m	704.91	337.55	237942.37	45.83	32306.03	220.81	155651.18	70.91	49985.17	3.91	2756.20
16	CAAC1-225	Traction type finishing	100m ²	1418.90	32.87	46639.24	32.82	46568.30	0.05	70.95	0.00		2.80	3972.92
SUB-TOTAL						21677127.32		1771883.75		18517438.27		1387805.30		152649.70
TOTAL						21677127.32		1771883.75		18517438.27		1387805.30		152649.70

Shanghai Pudong International Airport Project(Budgetary Estimate Of Airside Civil Works)

Name of engineering: Pavement engineering
 Design No.: (96)09-4

Item No.	Quota	Description Of Works	Unit	Quantity	Estimation cost(RMB)		(RMB)				Labour day			
					unit price	total price	Labour cost	Material cost	Machine cost	norm	amount			
						unit price	cost	unit price	cost	unit price	cost			
1	CAAC1-214,215	F-Taxiway, F-Taxiway Shoulder Cement concrete 5.0MPa(1.45cm)	100m ²	50.50	9779.18	49388.59	843.84	42613.92	8508.79	429693.90	426.55	21540.78	72.00	3636.00
2	CAAC1-213,215	Cement concrete 5.0MPa(1.37cm)	100m ²	130.91	8040.66	1052602.80	693.82	90827.98	6996.12	915862.07	350.72	45912.76	59.20	7749.87
3	CAAC1-213,215	Cement concrete 5.0MPa(1.45-3.7cm)	100m ²	21.33	8901.08	189860.04	768.83	16399.14	7751.25	165334.16	381.09	8126.73	61.69	1313.93
4	CAAC1-208	Cement concrete 5.0MPa(1.2cm)	100m ²	84.78	2600.04	220431.89	225.02	19077.20	2268.11	192290.37	106.91	9063.83	19.20	1627.78
5	CAAC1-175,176	Lime flyash stabilized crushed stone(up-base)(1.8cm)	100m ²	420.52	1955.99	822532.91	138.52	58250.43	1642.28	690611.59	175.19	73670.90	12.14	5105.11
6	CAAC1-175,176	Lime flyash stabilized crushed stone(subbase)(1.8cm)	100m ²	210.26	1885.49	396443.13	138.52	29125.22	1571.78	330482.46	175.19	36835.45	12.14	2552.56
7	CAAC1-175,176	Lime flyash stabilized crushed stone(up-base)(1.6cm)	100m ²	90.50	1738.65	157347.83	123.13	11143.27	1459.80	132111.90	155.72	14992.66	11.10	1004.55
8	CAAC1-175,176	Lime flyash stabilized crushed stone(subbase)(1.6cm)	100m ²	90.50	1683.66	152371.23	123.13	11143.27	1404.81	127135.31	155.72	14992.66	11.10	1004.55
9	CAAC1-224	Construction key joint (1.2mm)	10m ²	448.87	32.13	14422.19	3.84	1723.66	28.29	12698.53	0.00		0.33	148.13
10	CAAC1-214	Curing(sack)	100m ²	84.78	76.83	6513.65	13.71	1162.33	57.54	4878.24	5.58	473.07	1.17	99.19
11	CAAC1-236	Curing(film)	100m ²	202.74	615.10	124705.37	17.58	3564.17	549.41	111387.38	48.11	9753.82	1.50	304.11
12	CAAC1-220,221	PUT joint sealing(expansion joint 1.2cm)	10m ³	10.17	1305.70	13278.97	57.66	586.40	1248.04	12692.57	0.00		4.92	50.04
13	CAAC1-233	PUT joint sealing(w0.8cm)	100m	156.25	828.04	129381.25	50.40	7875.00	760.05	118757.81	17.59	2748.44	4.30	671.88
14	CAAC1-218	Expansion joint board (1.2cm)	10m ²	10.17	355.81	3618.59	98.10	997.68	257.71	2620.91	0.00		8.37	85.12
15	CAAC1-228,229	Dummy joint cutting(W0.4cm, 1.8cm)	100m	40.55	701.74	28455.86	112.04	4543.22	416.44	16886.64	173.26	7025.69	9.56	387.66
16	CAAC1-230,231	Dummy joint cutting(W0.8cm, 1.2cm)	100m	156.25	337.55	52742.19	45.83	7169.94	220.81	34501.56	70.91	11079.69	3.91	610.94
17	CAAC1-225	Traction type finishing	100m ²	287.52	32.87	9450.78	32.82	9436.41	0.05	14.38	0.00		2.80	805.06
SUB-TOTAL						3868006.46		315630.22		3297959.77		254416.47		27156.46
TOTAL						3868006.46		315630.22		3297959.77		254416.47		27156.46

Shanghai Pudong International Airport Project(Budgetary Estimate Of Airside Civil Works)

Name of engineering: Pavement engineering

Design No.:(96)09-4

Item No.	Quota	Description Of Works	Unit	Quantity	Estimation cost(RMB)		(RMB)						Labour day	
					unit price	total price	Labour cost		Material cost		Machine cost		norm	amount
							unit price	cost	unit price	cost	unit price	cost		
12 K-Taxiway,K-Taxiway Shoulder														
1	CAAC1--214,215	Cement concrete 5.0Mpa(T 45cm)	100m ²	83.13	9779.18	812943.23	843.84	70148.42	8508.79	707335.71	426.55	35450.10	72.00	5885.36
2	CAAC1--213,215	Cement concrete 5.0Mpa(T 37cm)	100m ²	129.83	8041.66	1043918.89	693.82	96078.65	6986.12	908366.26	350.72	45533.98	59.20	7685.94
3	CAAC1--213,215	Cement concrete 5.0Mpa(T 45-37cm)	100m ²	21.33	8901.08	189860.04	768.83	16399.14	7751.25	163334.16	381.00	8126.73	61.60	1313.93
4	CAAC1--208	Cement concrete 5.0Mpa(T 12cm)	100m ²	96.59	2669.04	251137.86	225.02	21734.68	2268.11	219076.74	106.91	10326.44	19.29	1854.53
5	CAAC1--175,176	Lime flyash stabilized crushed stone(up-base)(T 18cm)	100m ²	485.68	1955.99	949985.22	138.52	67276.39	1642.28	797623.55	175.19	85086.28	12.14	5896.16
6	CAAC1--175,176	Lime flyash stabilized crushed stone(sub-base)(T 18cm)	100m ²	242.84	1885.49	457872.39	138.52	33638.20	1571.78	381691.06	175.19	42543.14	12.14	2948.08
7	CAAC1--175,176	Lime flyash stabilized crushed stone(up-base)(T 16cm)	100m ²	104.34	1738.65	181410.74	123.13	12847.38	1459.80	152315.53	155.72	16247.82	11.10	1158.17
8	CAAC1--175,176	Lime flyash stabilized crushed stone(sub-base)(T 16cm)	100m ²	104.34	1683.66	175673.08	123.13	12847.38	1404.81	146577.88	155.72	16247.82	11.10	1158.17
9	CAAC1--224	Construction key joint (T 2mm)	10m ²	518.40	32.13	16656.19	3.84	1990.66	28.29	14665.54	0.00		0.33	171.07
10	CAAC1--234	Curing(sack)	100m ²	96.59	76.83	7421.01	13.71	1324.25	57.54	5557.79	5.58	538.97	1.17	113.01
11	CAAC1--236	Curing(film)	100m ²	234.29	615.10	144111.78	17.58	4118.82	549.41	128721.27	48.11	11271.69	1.50	351.44
12	CAAC1--220,221	PUT joint sealing(Expansion joint T 2cm)	10m ²	11.59	1305.70	15133.06	57.66	668.28	1248.04	14464.78	0.00		4.92	57.02
13	CAAC1--233	PUT joint sealing(W0.8cm)	100m	179.41	828.04	148558.66	50.40	9042.26	760.05	136360.57	17.59	3155.82	4.30	771.46
14	CAAC1--218	Expansion joint board (T 2cm)	10m ²	11.59	355.81	4123.84	98.10	1136.98	257.71	2986.86	0.00		8.37	97.01
15	CAAC1--228,229	Dummy joint cutting(W0.4cm, 120cm)	100m	46.86	701.74	32883.54	112.04	5250.19	416.44	19514.38	173.26	8118.96	9.56	447.98
16	CAAC1--230,231	Dummy joint cutting(W0.8cm, 123cm)	100m	179.41	337.55	60559.85	45.83	8222.36	220.81	39615.52	70.91	12721.96	3.91	701.49
17	CAAC1--225	Traction type finishing	100m ²	330.88	32.87	10876.03	32.82	10859.48	0.05	16.54	0.00		2.80	926.46
SUB-TOTAL						4503125.41		367583.54		3840163.14		295378.73		31637.28
TOTAL						4503125.41		367583.54		3840163.14		295378.73		31637.28

Shanghai Pudong International Airport Project(Budgetary Estimate Of Airside Civil Works)

Name of engineering: Pavement engineering

Design No.:(95)09-4

Item No.	Quots	Description Of Works	Unit	Quantity	Estimation cost(RMB)		Labour cost		Material cost		Machine cost		Labour day		
					unit price	total price	unit price	cost	unit price	cost	unit price	cost	norm	amount	
14															
1	CAAC1-214,215	L1-Taxiway,I-1-Taxiway Shoulder Cement concrete 5.0MPa(T 45cm)	100m ²	80.24	9779.18	784681.40	843.84	67709.72	8508.79	682745.31	426.55	34226.37	72.00	5777.28	
2	CAAC1-208	Cement concrete 5.0MPa(T 12cm)	100m ²	34.61	2660.04	89987.38	225.02	7787.94	2268.11	78499.29	106.91	3700.16	19.20	664.51	
3	CAAC1-175,176	Lime flyash stabilized crushed stone(up-base)(T 18cm)	100m ³	165.20	1955.99	323129.55	138.52	22883.50	1642.28	271304.66	175.19	28941.39	12.14	2005.53	
4	CAAC1-175,176	Lime flyash stabilized crushed stone(subbase)(T 18cm)	100m ³	82.60	1885.49	155741.47	138.52	11441.75	1571.78	129839.03	175.19	14470.69	12.14	1002.76	
5	CAAC1-175,176	Lime flyash stabilized crushed stone(up-base)(T 16cm)	100m ³	38.02	1738.65	66103.47	123.13	4681.40	1459.80	55501.60	155.72	5920.47	11.10	422.02	
6	CAAC1-175,176	Lime flyash stabilized crushed stone(subbase)(T 16cm)	100m ³	38.02	1683.66	64012.75	123.13	4681.40	1404.81	53410.88	155.72	5920.47	11.10	422.02	
7	CAAC1-224	Construction key joint (T 2mm)	10m ²	191.00	32.13	6136.83	3.84	733.44	28.29	5403.39	0.00		0.33	63.03	
8	CAAC1-224	Curing(sack)	100m ²	34.61	76.83	2659.09	13.71	474.50	57.54	1991.46	5.58	193.12	1.17	40.49	
9	CAAC1-226	Curing(film)	100m ²	80.24	615.10	49355.62	17.58	1410.62	549.41	44084.66	48.11	3860.35	1.50	120.36	
10	CAAC1-220,221	PUJ joint sealing(Expansion joint, T 2cm)	100m	4.15	1305.70	5418.66	57.66	239.29	1248.04	5179.37	0.00		4.92	20.42	
11	CAAC1-233	PUJ joint sealing(w0.8cm)	100m	62.71	828.04	51926.39	50.40	3160.58	760.05	47662.74	17.59	1103.07	4.30	269.65	
12	CAAC1-218	Expansion joint board (T 2cm)	10m ²	4.15	355.81	1476.61	98.10	407.12	257.71	1069.50	0.00		8.37	34.74	
13	CAAC1-228,229	Dummy joint cutting(W0.4cm, 128cm)	100m	16.05	701.74	11262.93	112.04	1798.24	416.44	6683.86	173.26	2780.82	9.56	153.44	
14	CAAC1-230,231	Dummy joint cutting(W0.8cm, 123cm)	100m	62.72	337.55	21171.14	45.83	2874.46	220.81	13849.20	70.91	4447.48	3.91	245.24	
15	CAAC1-225	Traction type finishing	100m ²	114.85	32.87	3775.12	32.82	3769.38	0.05	5.74	0.00		2.80	321.58	
SUB-TOTAL															
TOTAL															
					1636838.41	134053.35	1397220.67			105564.40				11563.07	11563.07
					1636838.41	134053.35	1397220.67			105564.40				11563.07	11563.07

Shanghai Pudong International Airport Project (Budgetary Estimate Of Airside Civil Works)

Name of engineering: Pavement engineering
 Design No.: (96)09-4

Item No.	Quota	Description Of Works	Unit	Quantity	Estimation cost (RMB)		(RMB)				Labour cost		Machine cost		Labour day			
					unit price	total price	unit price	cost	unit price	cost	unit price	cost	unit price	cost	norm	amount		
Cargo Apron, Cargo Apron Shoulder																		
1	CAAC1-214,215	Cement concrete 5.0Mpa(T 4.5cm)	100m ²	301.68	9779.18	2950183.02	843.84	254569.65	8508.79	2566931.77	426.55	128681.69	72.00	21720.94				
2	CAAC1-212,215	Cement concrete 5.0Mpa(T 3.2cm)	100m ²	41.55	6925.60	287758.68	600.06	24932.49	6018.89	250064.88	306.65	12741.31	51.20	2127.36				
3	CAAC1-213,215	Cement concrete 5.0Mpa(T 4.5-3.2cm)	100m ²	13.85	8358.33	115762.87	721.95	9999.01	7278.61	100808.75	557.77	4955.11	61.60	853.16				
4	CAAC1-211,215	Cement concrete 5.0Mpa (T 2.6cm)	100m ²	40.55	5649.63	229092.80	487.35	19762.04	4915.77	199334.47	246.51	9995.98	41.60	1686.88				
5	CAAC1-209	Cement concrete 5.0Mpa(T 1.6cm)	100m ²	2.63	3465.17	9113.40	300.03	789.08	3024.55	7954.57	140.59	369.75	25.60	67.33				
6	CAAC1-208	Cement concrete 5.0Mpa(T 1.2cm)	100m ²	9.42	2609.04	24492.38	225.02	2119.69	2268.11	21365.60	106.91	1007.09	19.20	180.86				
7	CAAC1-216	Precast concrete block	10m ³	26.40	3720.48	98220.67	623.50	16460.40	2550.46	67332.14	546.52	14428.13	53.20	1404.48				
8	CAAC1-175,176	Lime flyash stabilized crushed stone(up-base)(T 18cm)	100m ²	763.46	1955.99	149320.13	138.52	105754.48	1642.28	1253815.09	175.19	133750.56	12.14	9268.40				
9	CAAC1-175,176	Lime flyash stabilized crushed stone(subbase)(T 18cm)	100m ²	402.69	1885.49	759267.97	138.52	55780.62	1571.78	632940.09	175.19	70547.26	12.14	4888.66				
10	CAAC1-175,176	Lime flyash stabilized crushed stone(up-base)(T 1.6cm)	100m ²	15.74	1738.65	27366.35	123.13	1938.07	1459.80	22977.25	155.72	2451.03	11.10	174.71				
11	CAAC1-175,176	Lime flyash stabilized crushed stone(subbase)(T 1.6cm)	100m ²	12.22	1683.66	20574.33	123.13	1504.65	1404.81	17166.78	155.72	1902.90	11.10	135.64				
12	CAAC1-193	Crushed stone for sub-base course (T 20cm)	100m ²	3.52	1912.01	6730.28	134.18	472.31	1743.39	6136.73	34.44	121.23	11.76	41.40				
13	CAAC1-224	Construction key joint (T 2mm)	10m ²	399.31	32.13	12829.83	3.84	1533.35	28.29	11286.48	0.00		0.33	131.77				
14	CAAC1-234	Curing(snek)	100m ²	12.05	76.83	925.80	13.71	165.21	57.54	693.36	5.58	67.24	1.17	14.10				
15	CAAC1-236	Curing(film)	100m ²	397.63	615.10	244582.21	17.58	6990.34	549.41	218461.99	48.11	19129.98	1.50	596.45				
16	CAAC1-220,221	PUT joint sealing(Expansion joint T 2cm)	10m ²	1.55	1305.70	2023.84	57.66	89.37	1248.04	1934.46	0.00		4.92	7.61				
17	CAAC1-233	PUT joint sealing(w0.8cm)	100m	177.92	828.04	147324.88	50.40	8967.17	760.05	135228.10	17.59	3129.61	4.30	765.06				
18	CAAC1-218	Expansion joint board (T 2cm)	10m ²	1.55	355.81	551.51	98.10	152.06	257.71	399.45	0.00		8.37	12.97				
19	CAAC1-228,229	Dummy joint cutting(W0.4cm, 18cm)	100m	79.53	701.74	55809.38	112.04	8910.54	416.44	33119.47	173.26	13779.37	9.56	760.31				
20	CAAC1-230,231	Dummy joint cutting(W0.8cm, 13cm)	100m	177.93	337.55	60060.27	45.83	8154.53	220.81	39288.72	70.91	12617.02	3.91	695.71				
21	CAAC1-225	Traction type finishing	100m ²	469.68	32.87	13466.18	32.82	13445.70	0.05	20.48	0.00		2.80	1147.10				
SUB-TOTAL						6559456.46		542490.75		5587290.54		429675.17		46680.93				
TOTAL						6559456.46		542490.75		5587290.54		429675.17		46680.93				

上海浦东国际机场场道工程概算表

工程名称: 飞行区排水工程
设计号: (96) 09-4

序号	工程费用名称	计算公式	概算价值 (元)	备注说明
一	定额直接费	(1)+(2)+(3)	38377543.67	
(1)	人工费		9399608.12	
(2)	材料费		27971853.21	
(3)	机械费		1006082.34	
二	其他直接费	(一) * 7.91%	3035663.70	
三	间接费小计	(一) + (二)	41413207.37	
四	综合间接费	(三) * 12.7%	5259477.34	
五	费用合计	(三) + (四)	46672684.71	
六	利润	(五) * 6%	2800361.08	
七	开办费		17000000.00	
八	人工费调整	总工日 * 4.9	3983306.24	
九	调整材料差价		15087714.03	
十	费用总计	(五) + (六) + (七) + (八) + (九)	85544066.06	
十一	其他费用	(9)+(10)+(11)	293904.08	
(9)	定额编制管理费	(三) * 0.09%	37271.89	
(10)	工程质量监督费	(十) * 0.15%	128316.10	
(11)	行业管理费	(十) * 0.15%	128316.10	
十二	税金	[(十) + (十一)] * 3.22%	2783982.64	
十三	总造价	(十) + (十一) + (十二)	88601952.78	

编制: 1997年7月10日

ESTIMATED TOTAL QUANTITY

SHANGHAI PUDONG INTERNATIONAL AIRPORT PROJECT (AIRSIDE CONSTRUCTION)
A, B-AREA DRAINAGE PUMP STATION

NO.	ITEM	FORMULA	UNIT: RMB YUAN	COST
(1)	DIRECT EXPENSE (BUILDING WORKS)	DIRECT EXPENSE FOR BUILDING WORKS +EXPENSE FOR TRANSPORTATION OF MACHINERY TO/OFF SITE		1,567,926
(2)	OUT-OF-POCKET EXPENSE (BUILDING WORKS)	(1) X 5%		78,396
(3)	OTHER DIRECT EXPENSE (BUILDING WORKS)	((1)+(2)) X 3.5%		57,621
(4)	SUB-TOTAL OF DIRECT EXPENSE	(1)+(2)+(3)		1,703,944
(5)	OVERALL COMPREHENSION DEAD CHARGE	((1)+(2)+(3)) X 12%		204,473
(6)	TOTAL (BUILDING WORKS)	(1)+(2)+(3)+(5)		1,908,417
(7)	PROFIT	(6) X 9%		171,758
(8)	INITIAL COST	(4) X 3%		51,118
(9)	LABOR RATE VARIANCE	LABOR-DAY X 2.4		40,356
(10)	CONSTRUCTION CURRENT SUBSIDY	LABOR-DAY X 2.5		42,038
(11)	COMPENSATION FOR MAIN MATERIAL	TOTAL CONTRACT PRICE FOR MAIN MATERIAL -TOTAL BUDGETARY PRICE FOR MAIN MATERIAL		609,717
(12)	COMPENSATION FOR MACHINE-TEAM	TOTAL BUDGETARY PRICE (96) -TOTAL BUDGETARY PRICE (93)		90,791
(13)	COMPENSATION FOR SECONDARY MATERIAL	MATERIAL EXPENSE FOR BUILDING WORKS 1.18%+FOR HOISTING X 4.81%+ FOR PILING X 17.25%		12,343
(14)	TOTAL	(6)+(7)+(8)+(9)+(10)+(11)+(12)+(13)		2,976,538
(15)	OTHER EXPENSE	(4) X 0.5%+(14) X 3%		9,632
(16)	TAX AND DUTIES	((14)+(15)) X 3.41%		100,123
(17)	CONSTRUCTION COST	(14)+(15)+(16)		3,036,293

Estimated Total Quantity

Shanghai Pudong International Airport Project (Airside Construction)

A.B-Area Drainage Pump

编号	名称	工程量	单位	单价	合价	人工数	材料费	主材差	备注
柱梁工程									
2003	钢筋混凝土(圆形)周长1.2m以内C20	233.3000	立方米	817.3900	231,567	3,229.62	180,935.21	102,990.57	
	小计				231,567	3,229.62	180,935.21	102,990.57	
楼、地、屋筒工程									
4271	铁栏杆不锈钢	124.0100	米	116.7800	17,822	125.05	16,169.07	3,879.56	
	小计				17,822	125.05	16,169.07	3,879.56	
构筑物工程									
9043	池水(油)池底钢筋C20埋深4m以内	402.0800	立方米	621.7000	249,973	4,106.44	147,346.24	159,293.56	
9047	池水(油)池底钢筋C20埋深	72.56200	立方米	809.6700	587,513	6,223.35	595,220.18	307,521.89	
9048	池水(油)池底钢筋C20埋	399.8800	立方米	595.6100	238,572	5,129.90	195,377.07	126,912.23	
	小计				1,076,058	13,459.69	848,943.49	595,727.68	
	合计				1,325,447	16,815.26	1,045,047.73	700,507.81	
土方机械进出场费									
	履带式电动挖土机(型号挖土机)	1.0000	台次	859.0000	859				
	小计				859				
土方及泥浆外运									
	土方运费(渣土及泥浆外运)	8.054000	立方米	30.0000	241,620				
	小计				241,620				

ESTIMATED TOTAL QUANTITY

SHANGHAI PUDONG INTERNATIONAL AIRPORT PROJECT (AIRSIDE CONSTRUCTION)
A, B-AREA DRAINAGE PUMP STATION SUB-STATION (BUILDING WORKS)

NO.	ITEM	FORMULA	UNIT: RMB YUAN	COST
(1)	DIRECT EXPENSE (BUILDING WORKS)	DIRECT EXPENSE FOR BUILDING WORKS +EXPENSE FOR TRANSPORTATION OF MACHINERY TO/OFF SITE		114,467
(2)	OUT-OF-POCKET EXPENSE (BUILDING WORKS)	(1) X 5%		
(3)	OTHER DIRECT EXPENSE (BUILDING WORKS)	((1)-(2)) X 3.5%		5,723
(4)	SUB-TOTAL OF DIRECT EXPENSE	(1)+(2)+(3)		4,207
(5)	OVERALL COMPREHENSION DEAD CHARGE	((1)+(2)+(3)) X 12%		124,397
(6)	TOTAL (BUILDING WORKS)	(1)+(2)+(3)+(5)		14,928
(7)	PROFIT	(6) X 9%		139,325
(8)	INITIAL COST	(4) X 3%		12,539
(9)	LABOR RATE VARIANCE	LABOR-DAY X 2.4		3,732
(10)	CONSTRUCTION CURRENT SUBSIDY	LABOR-DAY X 2.5		2,964
(11)	COMPENSATION FOR MAIN MATERIAL	TOTAL CONTRACT PRICE FOR MAIN MATERIAL -TOTAL BUDGETARY PRICE FOR MAIN MATERIAL		3,088
(12)	COMPENSATION FOR MACHINE-TEAM	TOTAL BUDGETARY PRICE (96) -TOTAL BUDGETARY PRICE (93)		31,510
(13)	COMPENSATION FOR SECONDARY MATERIAL	MATERIAL EXPENSE FOR BUILDING WORKS 1.18%+FOR HOISTING X 4.81%+ FOR PILING X 17.25%		2,177
(14)	TOTAL	(6)+(7)+(8)+(9)+(10)+(11)+(12)+(13)		1,087
(15)	OTHER EXPENSE	(4) X 0.5%+(14) X 3%		196,422
(16)	TAX AND DUTIES	((14)+(15)) X 3.41%		651
(17)	CONSTRUCTION COST	(14)+(15)+(16)		6,720
				203,793

Estimated Total Quantity

Shanghai Pudong International Airport Project (Airside Construction)
A,B-Area Drainage Pump Station Sub-Station (Building Works)

编号	名称	工程量	单位	单价	合价	人工数	材料费	主材差	备注
基础、打桩工程									
1003	砼基础(标准砖砌散落水沟)	21.4600	立方米	139.5700	2,995	26.16	2,686.55	1,751.20	
1027	有梁式砼散水(基础埋深1.5m以内)C20	27.2900	立方米	431.2100	11,788	116.14	9,510.81	6,827.22	
	小计			14,763	12,107.42	142.30	12,107.42	8,581.42	
柱梁工程									
2020	现浇砼梁(矩形)C30	6.8600	立方米	615.8100	4,286	43.71	3,534.01	2,114.42	
2111	构造柱(抗震)C20	3.4200	立方米	550.2300	1,937	18.14	1,634.34	1,025.72	
	小计			6,223	6,168.35	61.85	5,168.35	3,140.14	
墙身工程									
3002	标准砖外墙1砖	240.9900	平方米	62.6000	15,086	268.61	11,280.74	6,810.11	
3027	内墙标准砖1砖	141.6300	平方米	55.8500	7,910	114.93	6,200.56	3,662.50	
3116	铁皮水落管30cm	19.8000	延长米	10.2900	204	2.96	169.88	289.97	
3126	女儿墙标准砖水落管φ100	4.0000	个	39.5200	158	1.31	143.24		
3134	钢管风撑外脚架(高12m内)	337.5600	平方米	4.4500	1,502	29.23	1,073.44	414.46	
3147	砌块零星砌体(高3.6m以上)C30	143.5200	平方米	1.1900	171	9.83	30.13	29.90	
3152	钢管零星脚架(高3.61-5.80m)	177.1400	平方米	2.2200	393	22.09	134.63	51.51	
	小计			25,424	19,032.63	449.06	19,032.63	11,250.45	
楼、地、屋面工程									
4001	平整场地	177.1400	平方米	4.2900	760	27.21	446.39	296.23	
4002	室内回填土(室内)高45cm内	177.1400	平方米	1.8400	326	29.81			
4011	垫层(1cm厚)C15	177.1400	平方米	1.4800	262	2.21	253.82	165.94	
4111	现浇板(板厚)C30(板厚10cm)C30	170.1000	平方米	61.1600	10,403	128.67	9,375.77	4,853.39	
4129	现浇板(板厚)C30(板厚10cm)C30	170.1000	平方米	2.1500	366	13.75	202.42	49.73	
4283	找平层C15	36.1000	平方米	26.7500	967	12.11	914.43	570.36	
4284	找平层(找平)C15	177.1400	平方米	11.5850	2,052	15.65	1,856.76	96.44	
428J	找平层(找平)C15	65.8800	平方米	40.0750	2,646	33.21	2,222.13	1,556.75	
406J	找平层(找平)C15	354.3800	平方米	3.6800	1,297	23.31	674.77	670.21	
4062	现浇板(板厚)C30(板厚10mm厚)	177.1400	平方米	34.0700	6,035	8.96	5,012.93	168.60	
4285	找平层(找平)C30(板厚)	2,270.34	平方米	50.8100	136	2.03	105.78	--.58	
4081	现浇板(板厚)C30(板厚)	177.1400	平方米	11.0900	1,961	49.25	1,410.15	1,010.60	
	小计			27,204	22,437.81	335.34	22,437.81	9,541.02	
门窗工程									

Estimated Total Quantity

Shanghai Pudong International Airport Project (Airside Construction)
A.B-Area Drainage Pump Station Sub-Station (Building Works)

编号	名称	工程量	单位	单价	合价	人工数	材料费	定材差	备注
5103	黑白铝合金窗框	2.7000	平米	296.9500	803	2.04	767.07		
5040	塑木框三联窗门	1.8900	平米	152.3100	288	2.35	288.85	7.23	
5073	窗台板预制水磨石	7.3900	平米	35.2700	261	8.34	160.36	73.73	
5109	黑白铝合金百叶窗	20.2500	平米	164.1600	3,324	8.42	3,149.62		
5089	黑白铝合金平开门	2.4300	平米	325.5700	791	1.80	760.44		
5029	变电间门	36.4500	平米	199.0900	7,257	17.95	6,988.19	190.58	
	小计				12,723	40.90	12,084.60	271.54	
装饰工程									
6148	多形涂料墙、柱面抹灰面	473.1900	平米	11.1700	5,286	34.87	4,717.70	214.88	
6049	无釉面砖(贴价)水泥砂浆95°45°墙面	275.9100	平米	64.7300	17,866	163.70	15,743.42	502.58	
	小计				23,146	198.57	20,461.12	717.23	
耐酸、防腐、保温隔热工程									
7138	现浇水磨珍珠岩	7.9700	立方米	103.5300	825	7.29	728.22	185.15	
	小计				825	7.29	728.22	185.15	
	合计				110,308	1,235.20	92,110.18	33,686.95	
土方机械进出场费									
	履带式电夯挖土机(履斗挖土机)	1.0000	台次	859.0000	859				
	小计				859				
土方及泥浆外运									
	土方运距(堆场及挖区外运)	110.0000	立方米	30.0000	3,300				
	小计				3,300				

SHANGHAI PUDONG INTERNATIONAL AIRPORT
RECOMBINATION CONSTRUCTION COST OF EQUIPMENT INSTALLATION

一、	定额直接费	58907
二、	人工直接费	17184
三、	其它直接费	3952
四、	直接费小计	62860
五、	综合间接费	30932
六、	利润	11170
七、	开办费	1886
八、	人工补差费	3486
九、	施工流动津贴	3631
十、	定额内计价材料差价	3904
十一、	机械费补差	7600
十二、	设备费	5418900
十三、	设备运杂费	162567
十四、	费用合计	5706935
十五、	定额编制管理费	31
十六、	工程质量监督费	8560
十七、	作业管理费	8560
十八、	税金	179736
十九、	工程造价	5903824

(二) × 2.3%	
(一) + (三)	
(二) × 1.80%	
(二) × 6.5%	
(四) × 3%	
(二) ÷ 1.83 × 2.4	
(二) ÷ 1.83 × 2.5	
定额内计价材料费之和 × 8.0%	
定额机械费之和 × 1.16%	
(十二) × 3%	
(四) + (五) + ... + (十二) + (十三)	
(四) × 0.5%	
(十四) × 1.5%	
(十四) × 1.5%	
[(十四) + (十五) + (十六) + (十七)] × 3.41%	
(十四) + (十五) + (十六) + (十七) + (十八)	

ESTIMATION CONSTRUCTION COST OF EQUIPMENT FACILITIES

SHANGHAI PUDONG INTERNATIONAL AIRPORT A-AREA DRAINAGE PUMP STATION EQUIPMENT

序号	定额	设备名称	单位	数量	设备费 (元)		安装费 (元)		人工费 (元)		材料费 (元)		机械费 (元)		名称	单位	总量	单价	总价	
					单价	合价	单价	合价	单价	合价	单价	合价	单价	合价						
					元	元	元	元	元	元	元	元	元	元						
1	S6-5-8	ITT FLAG 潜水轴流泵	台	5	685,000	3,425,000	1760.08	8,800	1296.91	6,485	349.00	1745	114.17	571						
2	S6-5-1	回转格栅	台	7	230,000	1,610,000	1554.63	10,882	1064.46	7,451	281.91	1973	208.26	1458						
3	S6-5-44	铸钢蝶阀	套	1	65,900	65,900	1672.87	1,673	501.51	502	196.05	196	975.31	975						
4	S6-5-44	铸铁蝶阀	套	2	130,000	260,000	1672.87	3,346	501.51	1,003	196.05	392	975.31	1,951						
5	S6-5-53	手/电动阀门启闭机	套	1	20,000	20,000	368.57	369	210.73	211	88.65	89	69.19	69						
6	6-1262	出水阀门	个	5	6,000	30,000	363.84	1,819	201.58	1,008	15.93	80	146.33	732						
10	10-231	压力式水位计	个	2	4,000	8,000	27.38	55	22.36	45	2.33	5	2.69	5						
11	6-331	UPVC塑料管	10米	3			98.52	296	44.36	133	10.32	31	43.84	132	UPVC塑料管	米	30	45.36	1,361	
12	6-65	潜水轴流泵出水管	10米	0.75			376.48	282	111.56	84	58.5	44	206.42	155	碳钢镀锌管	米	7.5	3000	22500	
13	6-1391	低压碳钢平焊法兰	付	5			218.74	1094	52.76	264	65.07	325	100.91	505	平焊法兰	付	5	1000	5000	
14																				
15																				
16																				
17																				
18																				
19																				
20																				
21																				
22																				
23																				
24																				
25																				
26																				
27																				
28																				
29																				
30		合计				5,418,900	28,616	1,431	17,184	4,880	6,552									28,861

编制: _____ 审核: _____

1997 年 6 月 29 日

设备及安装工程概算取费表

一、	定额直接费		18392
二、	人工费		69874
三、	其它直接费	$(二) \times 2.3\%$	16071
四、	间接费小计	$(一) + (三)$	34463
五、	综合间接费	$(二) \times 1.80\%$	125773
六、	利润	$(二) \times 6.5\%$	45418
七、	开办费	$(四) \times 3\%$	1034
八、	人工补差费	$(二) \div 1.83 \times 2.4$	14176
九、	施工流动津贴	$(二) \div 1.83 \times 2.5$	14766
十、	定额内计价材料差价	定额内计价材料费之和 $\times 8.0\%$	95628
十一、	机械费补差	定额机械费之和 $\times 1.16\%$	12393
十二、	设备费		2958200
十三、	设备运杂费	$(十二) \times 3\%$	88746
十四、	费用合计	$(四) + (五) + \dots + (十二) + (十三)$	3390596
十五、	定额编制管理费	$(四) \times 0.5\%$	17
十六、	工程质量监督费	$(十四) \times 1.5\%$	5086
十七、	作业管理费	$(十四) \times 1.5\%$	5086
十八、	税金	$[(十四) + (十五) + (十六) + (十七)] \times 3.41\%$	106785
十九、	工程造价	$(十四) + (十五) + (十六) + (十七) + (十八)$	3507570

ESTIMATION CONSTRUCTION COST OF EQUIPMENT FACILITIES

SHANGHAI PUDONG INTERNATIONAL AIRPORT A, B-AREA DRAINAGE
PUMP STATION POWER SUPPLY LIGHTING

第 1 页

序号	定额编号	设备及安装工程名称	单位	数量	设备费(元)		基价(元)		人工费(元)		材料费(元)		机械费(元)		未计价材料		总价		
					单价	合价	单价	合价	单价	合价	单价	合价	名称	单位	数量	单价			
1	22-25	变压器安装	台	2	220000	440000	666.7	1333.3	315.7	631.5	167.4	334.7	183.6	367.1	型钢	kg	43.1	2.75	237.2
2	22-33	穿墙套管安装	套	2	400	400	264.0	528.0	158.6	317.3	61.6	123.1	43.8	87.6	型钢	kg	63	2.75	347.5
3	22-34	高压开关柜安装	台	6	200000	1200000	279.5	1677.2	145.2	871.2	86.0	516.1	48.3	289.9	型钢	kg	11	2.75	176.6
4	22-42	变压器系统调试	套	2	0	0	1892.4	3784.8	946.4	1892.8	47.0	94.0	899.0	1798.0				0.0	0.0
5	22-48	低压配电箱安装	台	10	100000	1000000	176.9	1769.1	84.5	844.8	60.7	607.1	31.7	317.2	型钢	kg	17	2.75	467.5
6	22-48	软启动器安装	台	3	100000	300000		0.0		0.0		0.0		0.0				0.0	0.0
7	22-54	配电箱安装	台	1	2000	2000	69.0	69.0	30.7	30.7	35.0	35.0	3.3	3.3	型钢	kg	2	2.75	5.5
8	22-49	起停控制柜安装	台	1	4000	4000	199.8	199.8	97.1	97.1	70.9	70.9	31.7	31.7	型钢	kg	17	2.75	46.8
9	22-62	调速开关安装	个	1	0	0	2.5	2.5	1.6	1.6	0.9	0.9		0.0	开关	个	1	156.00	159.1
10	22-64	液位控制器安装	个	1	2000	2000	120.4	120.4	48.9	48.9	43.2	43.2	10.3	10.3				0.0	0.0
11	22-74	电动机检查接线	台	5	0	0	348.1	1740.6	155.7	778.3	183.9	919.3	8.6	43.1				0.0	0.0
12	22-73	电动机检查接线	台	10	0	0	108.9	1088.6	50.2	502.2	53.9	539.2	4.7	47.2				0.0	0.0
13	22-47	电力配电箱安装	KW	630	0	0	8.7	5474.7	5.5	3446.1	2.6	1606.5	0.7	422.1	型钢	kg	1.6	2.75	2824.0
14	22-47	电力配电箱安装	KW	630	0	0		0.0		0.0		0.0		0.0	Dg20	kg	0.4	4.60	1275.1
15	22-47	电力配电箱安装	KW	630	0	0		0.0		0.0		0.0		0.0	G20	kg	3.3	4.60	9592.4
16	22-47	电力配电箱安装	KW	630	0	0		0.0		0.0		0.0		0.0	BV2.5	m	3.5	1.20	2676.2
17	22-81	照明配电箱安装	MM	170	0	0	1.7	282.2	0.6	107.1	1.0	166.6	0.1	8.5	Dg20	kg	0.3	4.60	211.1
18	22-81	照明配电箱安装	MM	170	0	0		0.0		0.0		0.0		0.0	BV2.5	m	1.2	1.20	236.6
19	22-84	成套荧光灯安装	10套	0.8	0	0	59.3	47.4	31.4	25.1	27.9	22.3	183.57	灯具	0	1.0	1000.00	808.0	
20	22-85	工厂及防水灯安装	10套	0.6	0	0	62.4	37.5	37.8	22.7	21.7	13.0	2.89	灯具	0	1	500.00	303.0	
		小计				2948400		18155		9617		5092		3575				19366.6	

编制:

审核:

1997年: 6月25日

SHANGHAI PUDONG INTERNATIONAL AIRPORT A, B-AREA DRAINAGE
ESTIMATION CONSTRUCTION COST OF EQUIPMENT FACILITIES

PUMP STATION POWER SUPPLY LIGHTING

序 号	定额 编号	设备及安装 工程名称	单 位	数 量	设备费(元)		基价(元)		人工费(元)		材料费(元)		机械费(元)		中 间 价 值		未 计 入 材 料 费		总价		
					单 价	合 价	单 价	合 价	单 价	合 价	单 价	合 价	单 价	合 价	单 价	合 价	单 价	合 价		名 称	单 位
21	22-95	配灯安装	10套	0.8	0	0	1124.9	899.9	860.8	688.6	264.1	211.3	0.1	0.1	0.1	0	1	灯罩	0	800	646
22	22-118	吊扇安装	套	1	0	0	8.5	8.5	5.1	5.1	3.5	3.5	0.0	0.0	0.0	1	吊扇	套	1	500	500
23	22-120	3*240*1*120直埋	100m	3	0	0	1827.0	5480.9	572.5	1717.4	1200.0	3600.0	53.8	161.4	161.4	00	电缆	00	1	23000	69690
24	22-120	3*10*1*6直埋	100m	1.5	0	0	1827.0	2740.4	572.5	858.7	1200.0	1800.0	53.8	80.7	80.7	00	电缆	00	1	1600	2424
25	22-120	3*4*1*2.5直埋	100m	77	0	0	1827.0	140675.2	572.5	44079.4	1200.0	92400.0	53.8	4143.4	4143.4	00	电缆	00	1	826	64238
26	22-122	KVV-6*1.5直埋	100m	0.6	0	0	1827.0	1096.2	572.5	343.5	1200.0	720.0	53.8	32.3	32.3	00	电缆	00	1	1006	610
27	22-122	KVV-5*2.5直埋	100m	9.5	0	0	1827.0	17356.0	572.5	5438.4	1200.0	11400.0	53.8	511.2	511.2	00	电缆	00	1	1125	10794
28	22-120	YJV-3*70 直埋	100	0.3	0	0	1827.0	548.1	572.5	171.7	1200.0	360.0	58.3	17.5	17.5	00	电缆	00	1	20000	6060
29	22-128	压电缆终端头安	个	12	400	4800	122.5	1469.6	17.2	206.6	105.3	1263.0	0.0	0.0	0.0						0
30	22-127	压电缆终端头安	个	20	200	4000	47.3	945.2	12.4	248.0	34.9	697.2	0.0	0.0	0.0						0
31	22-131	制电缆终端头安	个	20	50	1000	21.9	437.8	9.3	185.2	12.6	252.6									0
32	22-126	电力支架制做安装	T	2	0	0	3722.7	7445.4	2342.3	4684.7	744.5	1489.0	635.9	1271.7	1271.7	t	型钢	1	2750	5665	
33	22-134	避雷网安装	mm	170	0	0	1.5	246.5	0.6	103.7	0.6	105.4	0.2	37.4	37.4	kg	型钢	0.2	1.2	45	
34	22-136	避雷引下线安装	10m	1	0	0	8.3	8.3	2.1	2.1	3.0	3.0	3.2	3.2	3.2						0
35	22-140	角钢接地板	组	14	0	0	148.5	2079.4	92.75	1298.5	5.13	71.8	50.7	709.1	709.1	kg	型钢	44	2.8	1710	
36	22-151	接地母线敷设	10M	6.5	0	0	30.1	195.7	16.44	106.9	9.22	59.9	4.4	28.9	28.9	kg	型钢	7.9	2.8	141	
37	22-154	接地装置	系统	1	0	0	236.3	236.3	118.3	118.3	6	6.0	112.0	112.0	112.0						0
		小 计				9800		181869		60257		114443		7109	7109						162524
		合 计				2958200		200024		69874		119535		10683	10683						181890

编制:

审核:

1997年 6月25日

上海浦东国际机场跑道工程概算表

工程名称: 飞行区附属工程
设计号: (96) 09-4

序号	工程费用名称	计算公式	概算价值 (元)	备注说明
一	定额直接费	(1)+(2)+(3)	26903853.36	
(1)	人工费		4248627.62	
(2)	材料费		21749387.10	
(3)	机械费		905838.63	
二	其他直接费	(一) * 5.87%	1579256.19	
三	间接费小计	(一) + (二)	28483109.55	
四	综合间接费	(三) * 10%	2848310.96	
五	费用合计	(三) + (四)	31331420.51	
六	利润	(五) * 7%	2193199.44	
七	开办费	(三) * 3%	854493.29	
八	人工费调整	总工日 * 4.9	1775030.29	
九	调整材料差价		7451005.47	
十	费用总计	(五) + (六) + (七) + (八) + (九)	43605148.99	
十一	其他费用	(a)+(b)+(c)	156450.25	
(a)	定额编制管理费	(三) * 0.09%	25634.80	
(b)	工程质量监督费	(十) * 0.15%	65407.72	
(c)	行业管理费	(十) * 0.15%	65407.72	
十二	税金	[(十) + (十一) + (十二)] * 3.22%	1409123.80	
十三	总造价	(十) + (十一) + (十二)	45170722.73	

编制:

复核:

1997年7月10日

Shanghai Pudong International Airport Project (Budgetary Estimate Of Airside Civil Works)

Item: Appurtenant Works
 Design No.: 96X09-4

Item No.	Quota	Description Of Works	Unit	Quantity	Estimation cost(RMB)		(RMB)						Labour day	
					unit price	total price	Labour cost		Material cost		Machine cost		norm	amount
							unit price	cost	unit price	cost	unit price	cost		
4 Perimeter Fence														
1	CAAC1-427	Brick works	10m ³	175.80	1793.03	315214.67	345.11	60670.34	1440.68	253271.54	7.24	1272.79	29.05	5106.99
2	CAAC1-294	In-situ concrete	10m ³	15.67	1746.04	27360.45	208.00	3259.36	1487.28	23305.68	50.76	795.41	18.23	285.66
3	CAAC1-287	Macadam stone bedding	10m ³	15.67	997.96	15638.03	91.74	1437.57	871.18	13651.39	35.04	549.08	8.04	125.99
4	E-2	Perimeter Fence of steel bar type	3m	3630.00	473.97	1720511.10	131.04	475675.20	328.52	1192527.60	14.41	52308.30	11.03	40038.90
5	E-3	Gate	No.	7	1094.67	7662.69	279.42	1955.94	749.66	5247.62	65.59	459.13	23.52	164.64
SUB-TOTAL														
						2086386.94		542998.40		1488003.81		55384.71		45722.19







JICA