ESTIMATION FOR CONSTRUCTION COST OF EQUIPMENT FACILITIES

.

1

SHANGHAI PUDONG INTERNATIONAL AIRPORT PROJECT FUEL SUPPLY SYSTEM

• • :

:

;

Fuel Storage Depot-Laboratory (Water Supply and Fire Fighting)

:

. , .

NORMINAL DIRECT EXPENSE EXPENSE OF LABOR OTHER DIRECT EXPENSE EXPENSE OF LABOUR SUB-TOTAL OF DIRECT EXPENSE SUB-TOTAL OF DIRECT EXPENSE SUB-TOTAL OF DIRECT EXPENSE COMBINED INDIRECT EXPENSE ROLLANCE INDIRECT EXPENSE ADJUSTIMENT FOR EXPENSION COST ADJUSTIMENT FOR FOR FOR FOR FORMELLATION ADJUSTIMENT FOR		6358.88	763.52	175.61	. 6534.49	1374.34	496.29	196.03	154.90	161.35	1905.16	47.24	200.00	6.00	11075.81	3.27	16.61	16.61	1 % 348.93	
NORMINAL DIRECT EXPENSE EXPENSE OF LABOR OTHER DIRECT EXPENSE SUB-TOTAL OF DIRECT EXPENSE SUB-TOTAL OF DIRECT EXPENSE COMBINED INDIRECT EXPENSE FROFT INITIAL EXPENSE ADJUSTMENT FOR EXPENSE OF LABOUR SUBSIDY FOR CHANGE OF CONSTRUCTION SITE MATERIAL AGIO MECHANICAL AGIO EQUIPMENT TRANSPORTION COST MATERIAL AGIO EQUIPMENT TRANSPORTION COST POLIPMENT TRANSPORTION COST TOTAL ESTABLISHMENT CHARGE OF NORM COMPILATION ENGINEERING QUALITY SUPERVISION COST MANAGEMENT COST TAX AND DUTIES CONSTRUCTION COST			•	(B) X23%	(A) + (C)	(B) ×180%	(B) X 6 5 %	(D) × 3%	$(B) \div 11.83 \times 2.4$	$(B) \div 1 1 \cdot 8 3 \times 2 \cdot 5$	MATERIAL COST SUM × 80%	MECHANICAL COST SUM X 116%		(L) X3%	$(D) + (E) + \dots + (L) + (W)$	$\langle D \rangle \times 0.5\%$	(N) X1.5%	$(N) \times 1.5\%$	[(N) + (O) + (B) + (O)] X3.4	(N) + (O) + (P) + (Q) + (R)
	•	ORMINAL DIRECT EXPENSE	EXPENSE OF LABOR	DTHER DIRECT EXPENSE	SUB-TOTAL OF DIRECT EXPENSE	COMBINED INDIRECT EXPENSE	PROFIT	NITIAL EXPENSE	ADJUSTMENT FOR EXPENSE OF LABOUR	SUBSIDY FOR CHANGE OF CONSTRUCTION SITE	MATERIAL AGIO	MECHANICAL AGIO	EQUIPMENT COST	EQUIPMENT TRANSPORTION COST	TOTAL	ESTABLISHMENT CHARGE OF NORM COMPILATION	ENGINEERING QUALITY SUPERVISION COST	MANAGEMENT COST	TAX AND DUTIES	CONSTRUCTION COST

TABLE OF COST ESTIMATES FOR EQUIPMENT INSTALLATION ENGINEERING

ļ

Shanghai Pudong International Airport Project Fuel Supply System Fuel Storage Depot ---Laboratory (Water Supply and Fire Fighting)

		~~~							-		~~~		-	ang marana a				مندمري	r			<b></b>	[	-	
	式 (公 (公			1360.00	-			:						2000.00		3360.00						-			
	年合		-	17.00										50.00											
- <del>* ~</del>	包括	***		80.00		_								40.00											
卞	「功市」			*									1	*											
ĸ	名称			饭锌管										排水砖铁管	:										
	(JC)	合价		40.24	0.48											40.72									
£-	戫	单价		5.03	0.12						_						-								 
	(モ) (モ)	合价		622.80	2.52	0.06	56.92	11.47	72.55	338.59	79.73	455.86	14.23	726.72		2381.45									
	材料效	一次市		77.85	0.63	0.63	142.29	57.35	362.74	1692.97	797.27	1139.66	142.29	181.68	_					-					 
	(元)	合价		439.28	14.20	0.35	8.47	2.96	21.65	17.51	5.84	22.14	2.12	229.00		763.52									
¥	人工物	单价		54.91	3.55	3.51	21.18	14.79	108.24	87.54	58.44	55.36	21.18	57.25											
()()	4) 约			1102.32	17.20	0.41	62.39	14.43	94.00	356.10	85.57	148.59	16.35	955.72		2856.08	142.80								
安珑班	单公一			137.79	4.30	4.14	163.47	72.14	470.00	1780.51	855.71	371.47	163.47	238.93							-				
(JC)	合合			0.00	400.00	20.00	200.00	100.001	600.00	300.00	250.00	2400.00	150.00	0.00		4420.00									
设备毁	单价			0.00	100.00	200.00	500.00	500.00	3000.00	1500.00	2500.00	6000.00 2400.00	0.1 1500.00			-									
X	A	ġ		8	4	 1.0	0.4	07	0.2	0.2	0.1	4.0	0.1	4											
	S 教 S	13		10%	÷	104	104	く <u>ら</u>	1049	1064	10纽	10/1	10绍	¥o:											
	设备及实装工程名称		名号矩	彼杵政管	截止阀	大龙头	湯	な拉口	時式大便器	拉式小便斗	洗面鉄	风景化影纸	流头浴	技大路铁幅		心 二 二 一	H								
いい	设备	(引 (中 (中)		24-32 6	24-20	24-87	24-103	24-104	24-83	24-93	24-71	24-81	24-102	24-37											
ži ži		¢۲			2	3	4	2	8	7	8	0	2	11											

0

8

X

ESTIMATION FOR CONSTRUCTION COST OF EQUIPMENT FACILITIES

SHANGHAI PUDONG INTERNATIONAL AIRPORT PROJECT FUEL SUPPLY SYSTEM

Fuel Storage Depot-Electrical Building And Control Room (Water Supply and Fire Fighting)

NORMINAL DIRECT EXPENSE NORMINAL DIRECT EXPENSE OTHER DIRECT EXPENSE OTHER DIRECT EXPENSE OTHER DIRECT EXPENSE OTHER DIRECT EXPENSE SUB-TOTAL OF DIRECT EXPENSE COMBINED INDIRECT EXPENSE RECHANICAL EXPENSE MATERIAL AGIO MATERIAL AGIO MATERIAL AGIO MATERIAL AGIO MATERIAL COST SUMX 105% MATERIAL COST SUMX 105% MECHANICAL COST SUMX				
NSE       (B) $\times 2.3\%$ CT EXPENSE       (A) + (C)         CT EXPENSE       (B) $\times 1.8.0\%$ T EXPENSE       (B) $\times 6.5\%$ T EXPENSE       (B) $\times 6.5\%$ T EXPENSE       (B) $\times 3.3\%$ XPENSE OF LABOUR       (B) $+ 11.8.3 \times 2.5$ MATERIAL COST SUM $\times 80\%$ (B) $+ 11.8.3 \times 2.5$ MATERIAL COST SUM $\times 116\%$ (B) $+ 11.8.3 \times 2.5$ ORTION COST       (L) $\times 3\%$ MARCE OF NORM COMPILATION       (D) $+ (E) + \dots + (L) + (M)$ MARCE OF NORM COMPILATION       (D) $\times 0.5\%$ MARCE OF NORM COMPILATION       (D) $\times 0.5\%$ MARCE OF NORM COMPILATION       (D) $\times (E) + \dots + (L) + (M)$ MARCE OF NORM COMPILATION       (D) $\times (0.5\%)$	NOR	MINAL DIRECT EXPENSE		2894.34
ENSE       (B) $\times 2$ 3%         CT EXPENSE       (A) + (C)         CT EXPENSE       (B) $\times 1$ 8 0%         CT EXPENSE       (B) $\times 1$ 8 0%         CT EXPENSE       (B) $\times 1$ 8 0%         CT EXPENSE       (B) $\times 1$ 1.8 3 $\times 2.5$ MATERIAL COST SUM $\times 80\%$ (B) $\div 1$ 1.8 3 $\times 2.5$ MATERIAL COST SUM $\times 80\%$ (B) $\div 1$ 1.8 3 $\times 2.5$ PORTION COST       (B) $\div 1$ 1.8 3 $\times 2.5$ MATERIAL COST SUM $\times 80\%$ (B) $\div 1$ 1.8 3 $\times 2.5$ MATERIAL COST SUM $\times 80\%$ (B) $\div 1$ 1.8 3 $\times 2.5$ PORTION COST       (B) $\div 1$ 1.8 3 $\times 2.5$ MATERIAL COST SUM $\times 10\%$ (B) $\div 1$ 1.8 3 $\times 2.5$ MATERIAL COST SUM $\times 10\%$ (B) $\div 1$ 1.8 3 $\times 2.5$ MATERIAL COST SUM $\times 10\%$ (B) $\div 1$ 1.8 3 $\times 2.5$ MATERIAL COST SUM $\times 10\%$ (D) $\div (D) \div (D)$	EXP	ENSE OF LABOR	-	334.31
CT EXPENSE       (A) + (C)         T EXPENSE       (B) × 1 8 0 %         T EXPENSE       (B) × 1 8 0 %         T EXPENSE       (B) × 1 8 0 %         (B) × 1 1 1 8 3 × 2 · 4       (D) × 3 %         XPENSE OF LABOUR       (B) + 1 1 1 8 3 × 2 · 4         (B) + 1 1 1 8 3 × 2 · 5       MATERIAL COST SUM × 80%         MATERIAL COST SUM × 80%       MATERIAL COST SUM × 80%         PORTION COST       (L) × 3 %         PORTION COST       (D) + (E) + ····+ (L) + (M)         ARCE OF NORM COMPILATION       (D) × 0 · 5 %         ITT SUPERVISION COST       (D) × 1 · 5 %         ITT SUPERVISION COST       (N) × 1 · 5 %         ITT SUPERVISION COST       (N) × 1 · 6 ) + (Q) + (R)         (N) + (O) + (P) + (Q) + (R)       (N) + (O) + (P) + (Q) + (R)	OTH	ER DIRECT EXPENSE	(B) ×23%	76.89
T EXPENSE (B) $\times 180\%$ (B) $\times 65\%$ (D) $\times 3\%$ (D) $\times 3\%$ (D) $\times 3\%$ (E) $\div 11.83 \times 2.4$ (B) $\div 11.83 \times 2.5$ MATERIAL COST SUM $\times 80\%$ MATERIAL COST SUM $\times 80\%$ MATERIAL COST SUM $\times 80\%$ MECHANICAL COST SUM $\times 80\%$ MECHANICAL COST SUM $\times 80\%$ (L) $\times 3\%$ (L) $\times 3\%$ (L) $\times 3\%$ (L) $\times 3\%$ (L) $\times 3\%$ (L) $\times 1.5\%$ (D) $+ (C) + (C) + (C) + (M)$ (N) $\times 1.5\%$ (N) $+ (O) + (P) + (Q) + (R)$	ŝ	-TOTAL OF DIRECT EXPENSE	(A) + (C)	2971.23
(B) × 6 5 %       (D) × 3 %         (D) × 3 %       (D) × 3 %         (D) × 3 %       (D) × 3 %         (E) + 1 1.8 3 × 2.4       (B) + 1 1.8 3 × 2.4         (B) + 1 1.8 3 × 2.5       MATERAL COST SUM × 80%         MATERAL COST SUM × 80%       MECHANICAL COST SUM × 80%         PORTION COST       (L) × 3 %         PORTION COST       (L) × 3 %         ARGE OF NORM COMPILATION       (D) + (E) + ····+ (L) + (M)         LITY SUPERVISION COST       (D) × 0.5 %         T       (N) × 1.5 %         ST       (N) + (O) + (P) + (Q) + (R)	ŝ	BINED INDIRECT EXPENSE	(B) × 1 8 0 %	601.76
CD $(D) \times 3 \%$ XPENSE OF LABOUR $(B) \div 1 1.8 3 \times 2.4$ GEE OF CONSTRUCTION SITE       MATERAL COST SUM × 80%         MATERAL COST SUM × 80%       MATERAL COST SUM × 80%         PORTION COST $(B) \div 1 1.8 3 \times 2.5$ PORTION COST       MATERAL COST SUM × 80%         PORTION COST $(D) + (E) + \dots + (L) + (M)$ ARGE OF NORM COMPILATION $(D) + (E) + \dots + (L) + (M)$ ARGE OF NORM COMPILATION $(D) \times 0.5 \%$ T $(D) \times 0.5 \%$ $(N) \times 1.5 \%$ ST $(N) + (O) + (P) + (Q) + (R)$ $(A) + (Q) + (R)$	PRO	FIT	(B) X65%	217.30
XPENSE OF LABOUR       (B) $+11.83 \times 2.4$ IGE OF CONSTRUCTION SITE       MATERIAL COST SUM × 80%         NATERIAL COST SUM × 80%       MECHANICAL COST SUM × 116%         PORTION COST       (L) $\times 3 \%$ PORTION COST       (L) $\times 3 \%$ ARGE OF NORM COMPILATION       (D) $+ (E) + \dots + (L) + (M)$ LITY SUPERVISION COST       (D) $\times 0.5 \%$ ST       (N) $\times 1.5 \%$ ST       (N) $+ (O) + (P) + (Q) + (R)$	HN	IAL EXPENSE	(D) X 3 %	89.14
IGE OF CONSTRUCTION SITE (B) $\div 1 1.8 3 \times 2.5$ MATERIAL COST SUM $\times 80\%$ MATERIAL COST SUM $\times 116\%$ MECHANICAL COST SUM $\times 116\%$ MECHANICAL COST SUM $\times 116\%$ MECHANICAL COST SUM $\times 116\%$ (D) + (E) ++ (L) + (M) (D) $\times 0.5\%$ (N) $\times 1.5\%$ (N) $\times 1.5\%$ (N) $\times 1.5\%$ (N) $+ (0) + (P) + (Q) + (R)$	Ą	USTMENT FOR EXPENSE OF LABOUR	(B) + 1 1.8 3 X 2.4	67.82
PORTION COST PORTION COST ARGE OF NORM COMPILATION LARGE OF NORM COMPILATION TTY SUPERVISION COST $(D) + (E) + \dots + (L) + (M)$ $(D) \times 0.5\%$ $(N) \times 1.5\%$ $(N) \times 1.5\%$ (N) + (Q) + (Q) + (Q) + (R) (N) + (Q) + (Q) + (R)	SUS	SSIDY FOR CHANGE OF CONSTRUCTION SITE	(B) + 11.83×2.5	70.65
PORTION COST       MECHANICAL COST SUM $\times$ 116%         PORTION COST       (L) × 3 %         LARGE OF NORM COMPILATION       (D) + (E) ++ (L) + (M)         LITY SUPERVISION COST       (D) × 0 · 5 %         ST       (N) × 1 · 5 %         ST       (N) + (O) + (P) + (Q) + (R)	MA.	TERIAL AGIO	MATERIAL COST SUM × 80%	775.09
SPORTION COST       (L) $\times 3\%$ CHARGE OF NORM COMPILATION       (D) $+ (E) + \dots + (L) + (M)$ ALITY SUPERVISION COST       (D) $\times 0.5\%$ ALITY SUPERVISION COST       (N) $\times 1.5\%$ OST       (N) $+ (0) + (P) + (Q) + (R)$	MEC	HANICAL AGIO	MECHANICAL COST SUM × 116%	17.92
TRANSPORTION COST $(L) \times 3\%$ LISHMENT CHARGE OF NORM COMPILATION $(D) + (E) + \dots + (L) + (M)$ LISHMENT CHARGE OF NORM COMPILATION $(D) \times 0.5\%$ CERING QUALITY SUPERVISION COST $(N) \times 1.5\%$ GEMENT COST $(N) \times 1.5\%$ UD DUTIES $[(N) + (0) + (P) + (Q) + (R))$ RUCTION COST $(N) + (0) + (P) + (Q) + (R)$	EQU	IPMENT COST		1620.00
LISTATENT CHARGE OF NORM COMPILATION CERING QUALITY SUPERVISION COST GEMENT COST AD DUTIES RUCTION COST (N) + (0) + (Q) + (R) (N) + (Q) + (R) + (Q) + (R)	DO EO C	IPMENT TRANSPORTION COST	(L) × 3 %	48.60
<pre>(D) X0.5% (N) X1.5% (N) X1.5% [(N) + (0) + (P) + (Q)] X3.41% (N) + (0) + (P) + (Q) + (R)</pre>	lor Ior	AL	(D) + (E) + + (L) + (M)	6479.51
$(N) \times 1.5\%$ $(N) \times 1.5\%$ $(N) + (O) + (P) + (Q) ] \times 3.41\%$ (N) + (O) + (P) + (Q) + (R)	EST	ABLISHMENT CHARGE OF NORM COMPILATION	(D) X 0.5%	1.49
OST $(N) \times 1.5\%$ [(N) + (O) + (P) + (Q)] × 3.4 1% (ST (N) + (O) + (P) + (Q) + (R)	ă	UNEERING QUALITY SUPERVISION COST	(N) X 1 · 5 %	9.72
$[(N) + (O) + (P) + (Q)] \times 3.41\%$	M	NAGEMENT COST	(Z) X1.5%	9.72
(N) + (O) + (O) + (N)	ŠĽ	(AND DUTTES	$[(N) + (O) + (P) + (Q)] \times 3.41\%$	204.11
	ĝ	ISTRUCTION COST	(N) + (O) + (D) + (C) + (C)	6704.55

TABLE OF COST ESTIMATES FOR EQUIPMENT INSTALLATION ENGINEERING

ļ

Shanghai Pudong International Airport Project Fuel Supply System

Fuel storage depot ---Electrical Building and Control Room (Water Supply and Fire Fighting)

- 1	<b>勾</b>			510.00										1000.00		1510.00									
	母 谷			17.8								-		S0.8				4				 _	-		
	ដ ដ ប													20.00	~	_						 -			 
<b>た</b>	なな			*										*								ĺ			 
÷	公茶			<b>保存</b> 出										存大路铁路											
	(Ŀ)	合分		15.09	0.36										_	15.45			_						
<del>0</del> -	机械弹	中合		5.03	0.12																				
	( ぞ)	合约		233.55	1.89	0.06	28.46	5.74	72.55	169.30	79.73	0.00	14.23	363.36		968.86				-					
	材料毁	单价		77.85	0.63	0.63	142.29	57.35	362.74	1692.97	797.27	1139.66	142.29	181.68								 			_
	(윤)	合价		164.73	10.65	0.35	4.24	1.48	21.65	8.75	5.84	0.00	2.12	114.50		334.31									
.). .).				54.91	3.55	3.51	21.18	14.79	108.24	87.54	58.44	55.36	21.18	57.25											
(20)	令令			413.37	12.90	0.41	32.69	7.21	94.00	178.05	85.57	0.00	16.35	477.86		1318.42	65.92								
安牧労	中台			137.79	4.30	4,14	163.47	72.14	470.00	1780.51	855.71	371.47	163.47	238.93			   								
(i 2 2 3	令令			0.00	300.00	20.00	100.001	50.00	600.00	150.00	250.00	0.00	150.00	0.00	1	1620.00									
设备投	4 令			0.00	100.00	200.00	500.00	500.00	3000.00	1500.00	2500.00	6000.000	1500.00					•							
訤	L	ця К		- C	3	0.1	0.2	0.1	0.2	0.1	0.1	0	1.0	5										+	
ŧ	公教	墩		10%	4	104	104	104	10纸	10組	1049	时01	10纸	¥ ĭ								 			 
	设备及快救只营公路		变电室	以時時間	截止阀	水龙头	活動	いたり	跳式大便器	挂式小便斗	沈面放	及联先零结	花头落	持大权铁管		숨 :†:	等星工程数:								
袋役	次 次	令 發	2	24-32 {	24-20	24-87	24-103	24-104	24-88 [5	24-93	24-71	24-81	24-102	24-37											
*		¢			2	3	4	5	6	2	8	6	2	11						-		<b>†~</b>			ſ

8

Ţ

. . . . . .

SHANGHAI PUDONG INTERNATIONAL AIRPORT PROJECT FUEL SUPPLY SYSTEM

-----

i

		Fuel Storage Depot-Dining Hall (Water Supply and Fire Fighting)	Fighting)	
	_ <b>4</b>	NORMINAL DIRECT EXPENSE		15083.82
	( a	EXPENSE OF LABOR		1655.25
	íυ	OTHER DIRECT EXPENSE	(B) X 2 3 %	380.71
	ຸດ	SUB-TOTAL OF DIRECT EXPENSE	(A) + (C)	15464.52
	μ μ	COMBINED INDIRECT EXPENSE	(B) X 1 8 0 %	2979.45
	រ័យ	PROFIT	(B) X 6 5 %	1075.91
	í 0	INITIAL EXPENSE	(D) × 3 %	463.94
	í I	ADJUSTMENT FOR EXPENSE OF LABOUR	$(B) + 11.83 \times 2.4$	335.81
	-	SUBSIDY FOR CHANGE OF CONSTRUCTION SITE	$(B) + 11.83 \times 2.5$	349.80
	( 14	MATERIAL AGIO	MATERIAL COST SUM × 80%	5193.91
	< ×	MECHANICAL AGIO	MECHANICAL COST SUM × 116%	83.08
	(	EOUIPMENT COST		31370.00
	í X	EOUIPMENT TRANSPORTION COST	· (L) X 3 %	941.10
	z	TOTAL	(D) + (E) +···+ (T) + (M)	58257.52
•	0	ESTABLISHMENT CHARGE OF NORM COMPILATION	(D) X 0.5%	7.73
	` P.	ENGINEERING QUALITY SUPERVISION COST	(N) X 1.5%	87.39
	Ó	MANAGEMENT COST	(N) X1.5%	87.39
	Ŕ	TAX AND DUTIES	$[(N) + (O) + (P) + (Q)] \times 3.41\%$	1835.02
	Ś	CONSTRUCTION COST	(N) + (O) + (P) + (Q) + (R)	60275.04
-	•	_		

631.

Shanghai Pudong International Airport Project Fuel Supply System Fuel Storage Depot ---Dining Hall (Water Supply and Fire Fighting)

TABLE OF COST ESTIMATES FOR EQUIPMENT INSTALLATION ENGINEERING

ka 311	总价	-least		2380.00	1073.80	T		Ì			Î	Ĩ				Ī	3000.00		6453.80			Ī		Ţ	T		Ī		Γ	Ì
× 1	<del>1</del> 4	/		17.00 23		┢		-				╎			-	-	50.00 3(									-				-
				1	Į		-	-		-	-		-	-	-	-		-	-	-	-	-		-	-		 			
¥	ų			140.00	┢╾		-		-			-				-	60.00			-			-		-					
Ϋ́	一単位	-	-	*	× Kg	-			<b>_</b>		-				-		*		-		-	 								
ĸ	公 然			いない	<b>1</b> 40												排大转铁管													
1	(R	含价		70.42	0.00	1.20													71.62	÷										
5	寃	单价		5.03	45.56	0.12																								Ī
	(g)	合价		1089.90	0.00	6.30	4.54	0.38	113.83	57.35	72.55	338.59	159.45	845.18	14.23	2700.00	1090.08		6492.39											
	材料费	单价		77.85	8.47	0.63	4.54	0.63	142.29	57.35	362.74	1692.97	72.797	528.24	142.29	2700.00	181.68													
	(光)	合价		768.74	0.00	35.50	21.14	2.11		14.79	21.65	17.51	11.69	99.57	2.12	300.00	343.50		1655.25											
Ŧ	人工物	公平		54.91	74.02	3.55	21.14	3.51	21.18	14.79	108.24	87.54	58.44	62.23	21.18	300.00	57.25													
(È)	合合			1929.06	0.00	43.00	25.68	2.48	130.78	72.14	94,00	356.10	171.14	944.75	16.35	3000.00	1433.58		8219.06	410.95										
次线波	中台			137.79	128.05	4.30	25.68	4.14	163.47	72.14	470.00	1780.51	855.71	590.47	163.47	3000.00	238.93													
(だ)	合价			0.00	0.00	1000.00	15000.00	120.00	400.00	500.00	600.000	300.00	\$00.00	12800.00	150.00	0.00	0.0		31370.00											
议备议	单分			0.00	200.00	100.00	15000.00 15000.00	200.00	500.00	500.00	3000.00	1500.00	2500.00	8000.00 12800.00	0.1 1500.00						- 41								-	
Ħ		Ċi		14	0	10	1	0.6	0.8	1	0.2	0.2		1.6	_	1	9			_						_				
₽	分 苓	۵ ۲		¥01	4	¢	40	104	~01	104	1048	1091	Bio1	10/4	10/1	玉	10%													
	设备及安装工程名称		在厅部分	彼许确定	例例	<b>(</b> 201)上約3	电开水器	水龙头	地漏	「満扫口	<b>晔</b> 式大便器	挂式小便斗	洗面盆	电淋浴器	汽大港	既油池	存大称软箔		습 나:	等星工程致:	•									
Я 1		治馬		24-32 8		24-20	24-107		24-103 J	24-104	24-88		24-71	24-85	24-102		24-37										~~-			~
÷		din		1	2	 ۳	4	5	5	5	8	6	10	11	12	13	7				1		-1					1	-†	-

0

Į.

J

Naș)

**ESTIMATION FOR CONSTRUCTION COST OF EQUIPMENT FACILITIES** 

:

SHANGHAI PUDONG INTERNATIONAL AIRPORT PROJECT FUEL SUPPLY SYSTEM

<u>ଚ</u>
Fightin
and Fire
Water Supply
(Water S
Building
Office )
t-Main
р С С
I Storage
Ъс

¥	NORMINAL DIRECT EXPENSE		4599,44
ຕ໌	EXPENSE OF LABOR		1057.87
່ບໍ	OTHER DIRECT EXPENSE	(B) × 2 3 %	243.31
้ค่	SUB-TOTAL OF DIRECT EXPENSE	(A) + (C)	8278.99
័ណ៍	COMBINED INDIRECT EXPENSE	(B) X180%	2989.64
้น	PROFIT	(B) × 6 5 %	7.30
່ອ່	INITIAL EXPENSE	(D) × 3 %	933.11
Ξ	ADJUSTMENT FOR EXPENSE OF LABOUR	$(B) \div 1 1 \cdot 8 3 \times 2 \cdot 4$	971.99
	SUBSIDY FOR CHANGE OF CONSTRUCTION SITE	(B) → 1 1 · 8 3 × 2 · 5	12545.72
h	MATERIAL AGIO	MATERIAL COST SUM × 80%	447.57
ž	MECHANICAL AGIO	MECHANICAL COST SUM X 116%	75120.00
้ม่	EQUIPMENT COST		2253.60
X	EQUIPMENT TRANSPORTION COST	(L) X 3 %	67.61
z	TOTAL	$(D) + (E) + \dots + (L) + (M)$	103615.52
ó	ESTABLISHMENT CHARGE OF NORM COMPILATION	(D) X 0.5%	0.10
ລ໌	ENGINEERING QUALITY SUPERVISION COST	(N) X 1.5%	0.10
ó	MANAGEMENT COST	(N) X1.5%	3255.66
Ŕ	TAX AND DUTTES	$[(N) + (O) + (P) + (Q)] \times 3.41\%$	106933.99
လ်	CONSTRUCTION COST	(N) + (O) + (P) + (Q) + (R)	213810.37

884 191

.

:

TABLE OF COS1 STIMATES FOR EQUIPMENT IN ALLATION ENGINEERING

Shanghai Pudong International Airport Project Fuel Supply System Fuel Storage Depot ---Main Office Building (Water Supply and Fire Fighting)

	c~ut	tr stine(		6800.00	3068.00	-					Ĩ				di Pirine		11000.00	ar.0	20868.00		41								
弦			•	17.00	7.67	~											<u>50.00</u>												
¥	ці Ц			400.00	\$									-			220.00				 								
*	空位			*	¥ ⁶												*				 		ţ	-			- 467-		
¥	公 茶			彼律臣	双钢												持大格铁路												
	( <u>ਸ਼</u>	合合		201.20	182.24 20 40	2.40													385.84		 -		-		-				
₽	机械弹	单合		5.03	45.56	0.12					_		1								-		-810-8-1						
	(近)	合价		3114.00	33.88	12.60	13.62	0.38	2903.88	284.58	57.35	1088.22	2539.46	1594.54	42.69	0.00	3996.96		15682.15										
	おお教	单价		77.85	8.47	0.63	4.54	0.63	483.98	142.29	57.35	362.74	1692.97	797.27	142.29	2700.00	181.68			~~~~									
	(H)	合价		2196.40	296.08	71.00	63.42	2.11	74.52	42.36	14.79	324.72	131.31	116.88	6.35	0:00	1259.50		4599.44		:								
X	А.Т.Ф. (			54.91	74.02	3.55	21.14	3.51	12.42	21.18	14.79	108.24	87.54	58.44	21.18	300.00	57.25	-											
(Ĥ)	4) چ	<b>L</b>		5511.60	512.20	86.00	77.04	2.48	2978.40	326.94	72.14	1410.00	2670.77	1711.42	49.04	0.00	5256.46		20664.49	1033.22									
头皱颈	т. Ú?			137.79	128.05	4.30	25.68	4.14	496.40	163.47	72.14	470.00	1780.51	855.71	163.47	3000.00	238.93				 								
()()	令令			0.00	800.00	100.00 2000.00	45000.00	120.00	9000.0006	500.00 1000.00	500.00	9000.000	2250.00	5000.00	450.00	0.00	0.00		75120.00										
设备要	单价			0.00	200.00	100.001	15000.00 45000.00	200.00 120.00	1500.00 9000.00	500.00	500.00	3000.00	1500.00 2250.00	2500.00 5000.00	0.3 1500.00														
뇄		G.		\$	4	20	'n	0.6	6	7	1	6	15	2	0.3	°	22				 _				 				
Ř	35	5		10%	4	¢	<b>1</b> G	수01	Ķ;	핟	104	1049	10组	5 弦	10/1	분	*01 *01				 <b>.</b>			<u> </u>					_
	设备及安数工程名称		派令孩	見いいの	(m) (k)	战止阀	电开水器	大戎父	独内道火枪	法論	立位で	如式大便器	拉式小便斗	法国会	化水浴	我荣致	存大路铁官		も よ: た:	\$2是工程势:									
33 定		성 () ()		24-32	24-19		24-107	24-87	24-54	24-103	24-104	24-88	F	24-71	24-102		24-37					{							
<u>ب</u>		<u>م</u>			14	m	v	s S	\$	~	8	6	2	=	ž	15	2	17											

0

-

ESTIMATION FOR CONSTRUCTION COST OF EQUIPMENT FACILITIES

Ŷ

SHANGHAI PUDONG INTERNATIONAL AIRPORT FUEL SUPPLY SYSTEM FUEL STORAGE DEPOT-WATER SUPPLY AND FIRE FIGHTING FIRE PUMP HOUSE

- NORMINAL DIRECT EXPENSE
- EXPENSE OF LABOR
- OTHER DIRECT EXPENSE
- SUB-TOTAL OF DIRECT EXPENSE COMBINED INDIRECT EXPENSE
- PROFIT へもくひょう
- NITIAL ECCENSE

ຜ໌ Ŕ

- ADJUSTMENT FOR EXPENSE OF LABOUR
- SUBSIDY FOR CHANGE OF CONSTRUCTION SIT
- AATERIAL AGIO
- MECHANICAL AGIO
- EQUIPMENT COST

ส์ ź

**EQUIPMENT TRANSPORTION COST** 

38622 1401706 1287414

(D) + (E) +…+ (E) + (M)

(L) ×3%

•

(D) X 0 5 % (N) X 1.5% (N) X 1.5%

Mechanical Cost SUM × 116%

(B) + 1 1.8 3 X 2.4 (B) ÷11.83×2.5 Material Cost SUM × 80%

(B) XI80% (B) × 6 5 % (D) × 3 %

(B) X 2 3 % (A) + (C)

1550 34541 12134 4382 1036 1368 1425 18120 2666

32990 6741 44146 450075

[(N)+(O)+(P)+(Q)]×3-41% (N) + (O) + (A) + (O) + (N)

2103 2103 5

- <u>o</u>TAF
- ESTABLISHMENT CHARGE OF NORM COMPILA

Ó ź

- ENGINEERING QUALITY SUPERVISION COST
  - MANAGEMENT COST
    - TAX AND DUTIES ó ¢.
- CONSTRUCTION COST

Ś

TABLE OF COST ESTIMATES FOR EQUIPMENT INSTALLATION ENGINEERING

-

Shanghai Pudong International Airport Project Fuel Supply System

ž	cl Stora	Fuel Storage Depot-Water Supply And Fire Fighting				-									-			NO.1	
N	ELON .	m Name of equipment	Unit Amount		ost for equipme	Cost for equipment (RMB yen)	Cost for installa	installation(RNIB yen)				Anong				Not in	Not including material	naterial	
		installation engineering	~ ~ ~		Price	Total cost	Price	Total cost	Labor fee(RMB yen)	(MB yen)	Naterial C	Material fee(ftMB yen)	Mathine fee(RMB yen)	(RMB ycn)	Name	Unit	Total	Price	Total cost
	Ž								Price	Total cost	Price	Total cost	Price	Total cost			Amount		
		Fire Pump House							+	2									
-		1-903 Pump and motor 200D-43x3	¢a,	m	42000.00	126000.00	702.38	2107.14	426.00	1278.00	227.48	682.44	48,90	146.70				-	
4		22 Pump and motor \$Sh-6	đ	4	36063.00	144252.00	495.04	1980.16	295.04	1180.16	160.55	642.20	39.45	157.80					
-	1-898	78 Form concentrate lift pump IS50-32-125A	đ		3500.00	3500.00	163.08	163.08	\$5.06	85.06	66.34	66.34	11.68	11.68					
4		Self priming pump S1-4A	ġ	-	6000.000	6000.00	0.00	0.00	0:00	00'0		0.00	0.00	0.00			-10-2-		
<u>~</u>	8-250	50 Self actuated ON-OFF valve 700X-0200	đ	~	37000.00	259000.00	218.89	1532.23	26.14	182.98	166.11	1162.77	26.64	186.48			} 		
<u> </u>	8-252	52 Self actuated ON-OFF valve 600X-0300	ġ	~	52000.00	364000.00	390.49	2733.43	37.86	265.02	293.40	2053.80	59.23	414.61					
$\sim$	- B-254	34 Valve RVHX-0400	5		13000.00	13000.00	689.24	689.24	44.01	44.01	573.59	573.59	80.64	80.64					
<u> </u>	F-25	52 Valve RVHX-0300	đ	~	7500.00	67500.00	390.49	3514.41	37.86	340.74	293.40	2640.60	59.23	533.07					
<u></u>	15-21	51 Valve RVHX-0250	CP		5500.00	11000.00	340.50	681.00	30.76	61.52	260,60	521.20	49.14	98.28					
의	+	\$-250 Valve RVHX-0200	ę	~	3900.00	27300.00	218.89	1532.23	26.14	182.98	166.11	1162.77	26.64	186.48					
=	1 8-249	49 Valve RVHX-0150	ŧ	2	2340.00	4680.00	140.05	280.10	15.50	31.00	112.44	224.88	12.11	27.22					
2	2 8-246	46 Valve RVHX-080	ซ่	2	1240.00	2480.00	73.23	146.46	9.23	18.46	54.72	109.44	9.28	18.56					
-	3 8-245	45 Valve RVHX-065	g	-	1120.00	1120.00	62.51	62.51	7.93	7.93	45.30	45.30	9.28	9.28					
<u>₹</u>	4 8-244	44 Valve RVHX-050	ġ	-	1000.000	7000.00	46.05	322.35	5.21	36.47	35.59	249.13	5.25	36.75					
<u>~</u>	5 8-244		đ	-	1650.00	1650.00	46.05	46.05	5.21	5.21	35.59	35.59	5.25	5.25					
2	6 8-244	I Ball valve Od1F-16 Dg50	명	ñ	100.00	1500.00	46.05	690.75	5.21	78.15	35.59	533.85	5.25	78.75					
=	7 11-107	07 Air foam proportioning blender PH48	ca.	v	700.00	4200.00	148.77	892.62	46.85	281.10	57.97	347.82	43.95	263.70					
=	11-109	00 Hige pressure foam generator PCV1300G	ŝ	-	2000.00	2000.00	16'101	101.91	36.55	36.55	41,43	41,43	23.95	23.95		 			
	<u> </u>		ę		1650.00	1650.00	46.05	46.05	5.21	5.21	35.59	35.59	5.25	5.25					
ຊ		_	ŝ	2	5641.00	11282.00	178.39	356.78	106.76	213.52	42.47	84.94	29.16	58.32					
<u> </u>	12	1 Mannual single-track cart	ġ	-	300.00	300.00	615.47	615.47	413.46	413.46	106.12	106.12	95.89	68.26					
ต	2 21-84	Mannuat hinge hoist SG-2	ca.	-	1000.00	1000.00	433.51	433.51	271.74	271.74	141.59	141.59	20.15	20.18		_			
<u>ន</u>	3 21.94	-	Ë 2		1100.00	4400.00	1884,41	7537.64	167.28	669.12	1664.56	6658.24	52.57	210.25					
8	Ţ	Concentric reducer Dg200°1225	ġ	4	\$500.00	22000.00	0.00	0.00		0.00		0.00		0.00					
2	<u> </u>	Eccentric reducer Dg300*200	ą	~	5800.00	40600.00	75.00	525.00	7.50	52.50		0.00	-	00.00					
8	<u> </u>	Foam concentrate tank SWB-10	¥		80000.00	160000.00	3000.00	6000.00	500.00	1000.00		0.0		0.0					
2		Total	+		-+	1287414.00		32990.12		6740.89		18119.63		2666.12					
	_			~~															

0

521876.78 336860.42 670368.95 794903.15 974615.42 09846.76 945730.00 68108.33 24534.19 351944.46 926162.00 28371.90 53847.09 114423.71 37015.93 541453.01 897.45 8005.29 8005.29 . **ESTIMATION FOR CONSTRUCTION COST OF EQUIPMENT FACILITIES** [(N)+(O)+(P)+(Q)]X3.41% (N) + (O) + (D) + (O) + (N) (D) + (E) +...+ (T) + (M) Mechanical Cost SUM × 116% (B) +11.83×2.4 (B) + 1 1.8 3 X 2.5 Material Cost SUM × 80% (B) X 1 8 0 % (D) X 0.5% (N) X 1.5% (N) × 1 - 5 % (B) × 6 5 % (D) × 3 % (B) X 2 3 %  $(\mathbf{v}) + (\mathbf{c})$ (L) ×3% SHANGHAI PUDONG INTERNATIONAL AIRPORT FUEL SUPPLY SYSTEM . FUEL STORAGE DEPOT-WATER SUPPLY AND FIRE FIGHTING ESTABLISHMENT CHARGE OF NORM COMPILATION SUBSIDY FOR CHANGE OF CONSTRUCTION SITE ENGINEERING QUALITY SUPERVISION COST ADJUSTMENT FOR EXPENSE OF LABOUR TANK AREA AND DEPOT AREA EQUIPMENT TRANSPORTION COST SUB-TOTAL OF DIRECT EXPENSE COMBINED INDIRECT EXPENSE NORMINAL DIRECT EXPENSE OTHER DIRECT EXPENSE CONSTRUCTION COST MANAGEMENT COST EXPENSE OF LABOR MECHANICAL AGIO NITIAL EXPENSE SQUIPMENT COST MATERIAL AGIO TAX AND DUTIES ROFIT OTAL វ Σ́ 52. ഗ് Ŕ ź ୍ତ ć **н**′ ക് ບ໌ ഫ് ω

言語

Ĩ

TABLE OF COST ESTIMATES FOR EQUIPMENT INSTALLATION ENGINEERIN
$\sim$

Shanghai Pudong International Airport Project Fuel Supply System

N ON	Norm   Name of equipment	Chit	Amount	Cost for equip	Unit   Amount   Cost for equipment (BAIB yen)   Cost for installation(BAB yen )	'oss for installa	(ion(RUMI) yen)				Among				Not inc	Not including materia	terial	
	linstal			Price	Total cost	Price	Total cost  Labor fee(RMB yen)	abor fee(	RMB yen)	Material (	Material fee(RMB yen)	htachine fee(RMB yen)	(RMB yen)	Name	Chic	Total	Price	Total cost
	NO.						<b>L</b>	Price	Total cost	Price	Total cost	Price	Total cost			Amount		
	Tank area and Depot area							-									·	
17	24-27 [Seamless steel pipe Dg300	e 01	83.5			246.01	20541.84	121.77	10167.80	89.17	7445.70	35.07	2928.35	Seamless steel pipe Dg300	•	\$35.0	383.30	320055.50
╞	24-27 - : Dg250	•	82.0			246.01	20172.82	121.77	9985.14	89.17	7311.94	35.07	2875.74	- De250		\$20.0	240.10	196832.00
1-	24-27 - Dg200	. 	280			246.01	19188.78	121.77	9198.06	89.17	6955.26	35.07	2735.46	De200	8	780.0	196.80	153504.00
⊨		 	42.0			246.01	10332.42	121.77	5114.34	89.17	3745.14	35.07	1472.94	Dg150		420.0	87.40	36708.00
2		•	76.0			246.01	18696.76	121.77	9254.52	89.17	6776.92	35.07	2665.32	DK100	R	760.0	52.00	39520.00
2 8	24-27 - Dg70	. 	80.0			246.01	19680.80	121.77	9741.60	89.17	7133.60	35.07	2805.60	Dg70	•	\$00.0	137.40	109920.00
8	8-249 Motor Valve 2942H-16C Dg150	X	18.0	10000.00	180000.00	210.37	3786.66	12.21	221.58	112.44	2023.92	12.11	217.98					
2 2 2	3-247 Motor Valve 2942H-16C Dg100		12.0	8000.000	96000.00	123.18	1478.16	8.93	107.16	66.61	799.32	£0.9	130.80					
=	3-251 Valve RVHX-0300 Dg300	¥	\$0	5500.00		340.50	2043.00	30.76	184.56	260.6	1563.60	49.14	294.84					
2 2 8	3252 Valve RVHX-0300 Dg250	•	4.0	7500.00	30000.000	390.49	96'1951	37.86	151.44	293.4	1173.60	59.23	236.92			-		
5 8	3-250 Valve RVHX-0300 Dz200	•	18.0	3900.00	70200.00	218.89	3940.02	26.14	470.52	166.11	2989.98	26.64	479.52		~		-	
5 8	3252 Valve RVHX-0300 Dg50	•	12.0	7500.00	9000006	390.49	4685.88	37.86	454.32	293.4	3520.80	59.23	710.76				-	
5	8-250 Ball Valve Q415-16 Dg200	•	12.0	3000.00	36000.00	215.89	2626.68	26.14	313.68	166.11	1993.32	26.64	319.68					
20	8-249 Bail Valve Q41F-16 Dg150	ž	12.0	2000.00	24000.00	140.05	1680.60	15.50	186.00	112.44	13-49.28	12.11	145.32					
17 8	3-247 Ball Valve Q41F-16 Dg100	•	12.0	1500.00	18000.00	83.75	1065.00	11.24	134.88	66.61	799.32	10.9	130.80					
2	8-244  Ball Valve Q41F-16 Dg50	•	6.0	200.00	1200.00	46,05	276.30	5.21	31.26	35.59	213.54	525	31.50					
ŝ	3-226 Post fire hydrant SS100	¥	25.0	1500.00	37500.00	122.54	3063.50	15.54	388.50	107	2675.00		0.00			~**		
8	Air foam-water moniter PP32A	1	°.8	10000.00		100.001	800.00	36.55	292.40	8	480.00	120	960.00					
5	High foam generator PCY18000	-	16.0	2000.00	32000.00	210.37	3365.92	36.55	584.80	41.43	662.88	23.95	383.20				-	
5	Migh foem generator PCV13506	-	16.0	1 1300.00	28500.00	210.37	3365.92	12.31	196.96	41.43	662.88	23.95	333.20				-	
23	Pressure meter Y150	64.	24.0	120.00	2880.00	63.12	1514.83	4.14	99.36									
5 5	Pipe connection KM65	•	32.0	00:06	2880.00	25.00	800.00	2.00	64.00			-						
າ	Water outlet cover KM65	8 	32.0	60.00	1920.00	20.00	640.00	2.00	64.00								-	
22	Foam nozzle PQ16	C2	24.0	500.00	12000.00	0	0.00	0.00	0,00		,							
27	Fire hose nozzle with valve QZ19	•	24.0	200.00	4800.00	0	00.00	0.00	0.00									
28	Fire hose Dg65	¥.	20.0	360.00	7200.00	0	0:00	0.00										
81	Check valve ZSXH De200	ž	18.0	1070.00	19260.00	182.73	3289.14	72.64	1307.52								-	
ĺ																		

.

0

to all the

(mark)

÷

TABLE OF COST ESTIMATES FOR EQUIPMENT INSTALLATION ENGINEERING

. •

Shanghai Pudong International Airport Project Fuel Supply System

-

																		•
	- ELON	Name of equipment	Unit	Amount	Cost for equipment (RMB yen) C	M (RMB yen) Co	ost for installation(KMB year)	o(KMB yen)				Among				31	ang na	terial
:	 ,	installation engineering		L	Price	Total cost	Price .	Total cost	Labor fee(RMB yen)	4B yen)	-2.2	[cc(RMB ym)	Ϋ́	KMB yen)	Name	Cret C	Total	Price
	ġ		- <u>-</u>					L	Price	Total cost	Price	Total cost	Price	Total cost	-	Ì	Amount	ĺ
<b> </b>		Vertical round valve well Dg1600	륑	<b>0</b> '9	5000.000	30000.00	75.00	450.00	7.50	45.00		0.00		0.00				
╞	Í	12.	X	30.0	1300.00	39000.00	0.0	0.00	0.00	0.00		0.00		0.00				
╀╴	Í	Wheeled foam fare extinguisher	,	30.0	700.00	21000.00	0.0	0.00	0.00	0.00		0.00		0.0				Ĩ
8	Ī	Portalded powder fare extinguisher MF8	,	40.0	120,00	4800.00	00:0	00.0	0.00	0.00		0.00		0.0				T
Ŗ	Ĩ	Portalde foam fire extinguisher MP9	ŀ	40.0	40.00	1600.00	0.0	00'0	0.00	0.00		0.00		8. 0				Ī
ž	ſ	Flexible hose 162RH200F L2000	ų	12.0	5000.00	60000.00	3612.10	43345.20	103.61	1243.32	3448.58	41382.96	16:65	718.92				T
┢╌	24-31	Water supply cast iron pipe Dg200	٤	25.5	300.00	7650.00	1320.32	33668.16	136.11	3980.81	1164.21	29687.36		0.0				T
╂	24-31	Water supply cast iron pipe Dg100	٤	43.0	200.00	\$600.00	638.03	27437.44	632.70	27206.10		0.00	•	0.0				
┢╌	T-		ġ	4	5000.00	20000.00	 	0.0		0.00		0.00		0.00				
8	Ī	rator	ş	2.0	5000.00	10000.00		0.0		0.0		0:00		0.00				
9			es.	2.0	5000.00	10000.00		0.00		0:00		0.00		0.00				
	S-1-2	utholep	10 10 10	53	0.0	0.00	63.08	391.10	63.00	390.60	50.74	314.59	-	0.00				
┟┉	Τ-	Storm sewage drain manhole	3	68.0	0.0	0.0	1640.82	111575.76	347.84	23653.12	1292.98	87922.64	4.61	313.48	normal brick	1000ea.	704.6 136.06	126.06
┢╌	3	Duplex stor= inlet	đ	0.63	0.0	00.0	1640.82	136188.06	347.84	28870.72	1292.98	107317.34	25.13	2085.79	noreal	1000ea	_	8.35
┢╍	T	Duplex storm inlet	5	50	0.00	00.0	1640.82	3281.64	347.84	695.68	1292.98	2585.96	5.76	11.52	normal	1000ea		186.06
	T	Drainage manhole dg1000	븅	15.0	0.0	00.0	1640.82	29534.76	347.34		1292.98	23273.64	5.76	103.63	normal brick	1001ea	704.6	126.06
	T	<b>_</b>	g	1:0	0.0	0:0 0	1640.82	1640.82	Í	347.84	1292.98	1292.98	5.76	5.76		_		
<b>1</b> 2	24-27	Galvanize steel pipe Dg15	•	5.0	0.00	00.0	246.01	73.80	67.67		47.37	14.21	5.76	Ľ.	Galvanize steel pipe	E		8.8
	24-38	Drainage cast iron pipe Dg200		40.5	0.00	0.0	238.93	9676.67	57.25	2318.63	181.68	7358.04		8 0 8	Drainage cast iron pipe	•	ŝ	120.00
<del>\$</del>	24-38	Drainage cast iron pipe Dg100	•	2] L	0.0	0.0	238.93	358.40	57.25	\$5.88	181.68	272.52	~~10	8. 0			-	
8	24-25	Galvanize steel pipe Dg80	lom	7.0	0.00	0.00	120.80	845.60	67.67	473.69	47.37	331.59	5.76	40.32	_	E	8.8	11.24
┢─	24-25	Galvanize steel pipe Dg65	lom	8.8	00.0	0.00	120.80	1063.04	67.67	595,50	47.37	416.86	5.76	50.69	Section steel	ks Ks	\$8.00	7.67
8	24-25	Galvanize steel pipe Dg50	щ М	0.1	0.00	0.0	121.80	121.80	68.67	68.67	48.37	48.37	6.76	6.76	Section steel	kg	8.0 10	2.67
8	24-22	Galvanize steel pipe Dg32	₩Ş.	7.0	00.0	0:00	122.80	859.60	69.63	487.69	49.37	345.59	7.76	<b>54.32</b>	— I	ž	28	5
J.	24-25	Galvanize steel pipe Dg25	5 2	4.0	0.00	0:00	123.80	495.20	70.67	282.68	50.37	201.48	8.76	35.04	Section steel	Ř	8.9 8	7.67
\$\$	24-25	Galvanize steel pipe Dg20	₩Õ.	6.0	0.00	0:00	124.80	748.80	11.67	430.02	51.37	308.22	9.76	58.56	Section steel	¥	60.00	192
ŝ	S5-3-1	Water meter Well	t.	1.0	5000.00	5000.00	3938.83	3938.83			3393.80		133.01	133.01		_		
53	1-0-5S	Water supply valve Well Dg1600	¥	17.0	5000.00	85000.00	1620.00	27540.00	327.65	5570.05	1292.59	21974.03		8		_		
3,		Water meter LXL200	ca.	1.0	800.00	8(				-								
Г	S5-1-46	Drainage concrete pipe Dg500	100m	2.6	00'0	0.00	1620.00	4276.50	327.65		1292.59	3412.44	126.66		Concrete pipe	e	ž	87.24
8	S5-1-46	Drainage concrete pipe Dg400	100m	17.0	0.00	00'0	1621.00	27557.00	328.65	\$587.05	1293.59	21991.03	127.66	2170.22	2   Concrete pipe	•	<u>8</u>	57.34
57 5	S5-1-46	Drainage concrete pipe Dg300	100m	1 5 1	00.0	0.00	1	8272.20		1681.22	1294.59	6002.41	128.66	656.17	Concrete pipe	5	<u>\$</u>	33.94
5 8 2 2	S5-1-46	Drainage concrete pipe Dg200	100m	12.9	00:0	0.00	1623.00	20855.55			1295.59		129.66	Ĩ	Ĩ	•	1285	11.47
1.1	SS-3-2		¥	4.0	0.00	00'0	1620.00	6480.00			1292.59	5170.36		8.0	1:2 concrete	2 	2 20 20	171.8
ţ.		High efficient oil-water separator CYL-5	2ct	1.0	200000.0	200000.0	1200.00	1200.00	0 5000.00	5000.00		0.00		8.0				
13	8-250	Stoip valve Dg32	Ca.	1	5000	5000	218.89	218.39	9 26.14	26.14	166.11		26.64					
G		Internet De100	C3.	2			210.80	37 07 K	8 77 14	24 D.S	11 621	~~~~~	27 64	54 36				

-639-

TABLE OF COST ESTIMATES FOR EQUIPMENT INSTALLATION ENGINEERING

.

.

Shanghai Pudong latemational Airport Project Fuel Supply System

ſ		Total cost			0.00	0.00	0.0 0	0.0	80	ľ	ſ			78966.00	45372.00	13915.40	5964.40	363067.12	35517.26	131097.38			ľ	1368073.40		69747.90					Ī		2257658.26		
		Tota		~					-		 			7896	453	1661	85 		ļ	ļ				ļ.,	_					<b> </b>	-	 	12257		
Sol .	riai	Price												87.74	57.34	33.94	11.47	1183.40	02121	126.06				5201.80	-	2324.93									
	Not including material	Total	Amouni											806	800	410	220	306.8	206.7	704.6				263		30									:
		Unit												£				lom	lom,	1000cach				10m ³		ton								~~~	
		Name												Drain concrete pipe D	Drain concrete M10	1:2 concrete	brick				braz		Stay board												
		Machine fee(RMIH yen)	Total cost	236.92	177.69	118,46	59.23	177.69	59.23	59.23	118.46	236.92		1139.94	684.64	245.63						21.62	0.00	0.00	0.00	0.00	0.00	8.0 0		80	138.30		31910.28		
		Machine fee	Price	59.23	59.23	59.23	59.23	59.23	59.23	\$9.23	59.23	59.23		126.66	85.58	16.62	16.92					21.62	-		•						4.61				
	Among	Material feet(KMH yen)	Total cost	1173,60	880.20	586.80	293.40	880.20	293.40	293.40	586.80	1173.60		79393.86	46589.44	14139.18	6053.89	\$0164.76	1292.98	155157.60	1292.98	136.60	0.00	178816.33	76807.50	67285.20	00762	74.62	267.30	684.60	268.20		1157702.50		
		Motorial 6	Price	293.40	293.40	293.40	293.40	293.40	293.40	293.40	293.40	293.40		8821.54	5823.68	3448.58	1164.21	1292.98	1292.98	1292.98	1292.98	136.60		679.91	404.25	2242.84	3.65	5.74	6.90	22.82	8.94				
		MB yen)	Total cost	151.44	113.58	75.72	37.86	113.58	37.86	37.86	22.22	151,44		1882.89	1181.92	424.80	811.77	21566.08	347.84 }	41740.80	347.84	16.11	160073.10	16153.46	76807.50	35190.90	162.80	155.61	446.04	908.40	1212.90	-	541453.01		:
		Labor fee(RMB yen)	Price	37.86	37,86	37.86	37.86	37.86	37.86	37.86	37.86	37.86		209.21	147.74	103.61	156.11	347.84	347.84	347.84	347.84	16.11	632.70	61.42	404.25	1173.03	8.14	11.97	16.52	30.28	40.43				
	(MB yen)	Total cost La	L	1561.84	1171.38	780.92	390.46	1171.38	390.46	390,46	780.92	1561.84		82416.69	48456.00	14809.61	6865.66	101730.84	1640.82	196898.40	1640.82	174.33	161434.24	194969.79	93132.30	102476.10	235.80	230.23	713.34	1593.00	1619.40		1670368.95	83518.45	
	Cost for insuellation(R	Price ] ]		390.46	390.46	390.46	390.46	390.46	390.46	390.46	390.46	390.46		9157.41	6057.00	3612.10	1320.32	1640.82	1640.82	1640.82	1640.82	174.33	638.08	741.33	490.17	3415.87	11.79	17.71	26.42	53.10	53.98		-		
	(RNII) yen) Coy	Total cost		48000.00	24000.00	14000.00	6500.00	15000.00	4000.00	3500.00	6850.00	11240.00	0.00		0.00	0,00	0.00	0.0	0.0	0.0	0.00	5000.00			_	_							945730.00		
	ş	Price To		12000.00	8000.00	7000.00	6500.00	5000.00	4000.00	3500.00	3425.00	2810.00										5000.00					معد								
-	Amount			4.00 1		2.00	1.00	3.00	1.00	1.00	1	4.00		9.00	8.00	4,10	5.20	62.00	1.00	120.00	1.00	1.00	253.00	263.00	190.00	30.00	20.0	13.0	27.0	30.0	30.0				
				sci	¥	set	set	set	3et	set	şç	¥.		100m	•	-		csat		-		each	100m ³ 2	10m   2	100m ³ 1	100m	10cach	10cach	10cach	10cach	egmen				
c Fightin		installation engineering		Valve Dg400	Gate valve Z44T-10 Dg200	Gate valve 244T-10 Dg100	Gate valve Z44T-10 Dg80	Gate valve Z44T-10 Dg65	Gate value Z44T-10 Dg50	Gate valve Z44T-10 Dg32	Gate valve 244T-10 Dg25	Gate valve 244T-10 Dg200	Tank area and Depot area rain	Drain concrete pipe DN500	Drain concrete pipe DN400	Drain concrete pipe DN300	Drain concrete pipe DN200	Well of rain	Well for drain valve	Double rain cut	Well of water close	Drain valve	Excavation	Pipe base	Fut				S5-1-62 Cement mortar connet DN400	S5-1-63 Coment montar connet DN500	Water injection of pipe		Total	Fragmentary project cost	
orage Dep	LUON		, ON	8-250	8-250	8-250	8-250	8-250	8-250	8-250	8-250	8-250		S5-1-46	SS-1-45	S5-1-44	51-1-SS	S5-3-2	S5-3-2	S5-3-2	S5-3-2	24-58	S5-1-2	S5-1-32		S5-1-3	S5-1-60	S5-1-61	S5-1-62	\$5-1-63	S5-1-83				-
Fuel St	ż			63	8	65	8	67	<b>68</b>	69	20	12	72	2	7	75	2	-	78	2	8	1.8	82	1:8	3	\$\$	8	87	88	89	8				

Ĩ

0

. -

.

ß

## RECOMBINATION CONSTRUCTION COST OF EQUIPENT INSTALLATION

•

.

SHANGHAI PUDONG INTERNATIONAL AIRPORT FUEL SUPPLY SYSTEM FUEL STORAGE DEPOT (AIR-CONDITION)

(1)	Norminal Direct Expense	•	4,486
0	Expense of Labor		1,229
<u>(</u> )	Other Direct Construction Cost	(2) X 2 3 %	283
) <del>(</del>	Sub-Total of Direct Expense	(1) + (3)	4,769
<u>છ</u>	Combined Indirect Expense	(2) X 1 8 0 %	2,213
ତ	Profit	(2) × 6 5 %	66.
ε	Initial expense	(4) × 3 %	143
8	Adjustment for Expense for Labor	(2) ÷11.83×2.4	249
6	Subsidy for Change of Constrction Site	(2) ÷ 1 1.8 3 × 2.5	260
6	Material Agio	Material Cost SUM × 8 4 %	2,304
13	Mechanical Agio	Mechanical Cost SUM × 116%	4,956
[2]	Equipment cost		1,627,910
(53	Equipment Transportion Cost	(12) × 3 % -	48,837
Ð	Total	(4) + (5) +···+ (12) + (13)	1,692,441
(15)	Establishment Charge of Norm Compilation	· (4) × 0.5%	2
(9)	Engineering Quality Supervision Cost	(14) × 1.5%	2,539
Ē	Management Cost	(14) X 1.5%	2,539
(18)	Tax and Duties	[ [ (14) + (15) + (16) + (17) ] X 3.4 1 %	53,302
6	Construction Cost	(14) + (15) + (16) + (17) + (18)	1,750,823
ļ			

**ESTIMATION CONSTRUCTION COST OF EQUIPMENT FACILITIES** 

SHANGHAI PUDONG INTERNATIONAL'AIRPORT PROJECT FUEL SUPPLY SYSTEM

	中   末 计 材 ^科	(元) 机械费 (元) 名 称  柏位 总 疏 单 价 总 价	含价	190 1.77 12		851 4.57 96	1 4.57																	2.743 4.273 0
	*											 							_	 	 		 •	
	£									 		 				 			- 1.3	 	 		 	4.273
					╀╴															 	 			2,743
		材料费	单价	27.15		40.52	40.52	40.52		 												 		
	Ħ	(元)	合价	155		358	682	Ļ_	 	 										 		 	 	1,229
		人工业	单价	22.19		17.05	17.05	17.05													 	 		
- - - - -	(光)	合合		358		1.305	2,486	124																4,273
	交毯劝	中谷		51.11		62.14	62.14	62.14																
 • •	(近)	令		532.700		342,090	546,400	42,300	164,420															1.627.910
	设备顶	邻日		26100		16290	13660	21150																•
.	X		2	4		51	ş	2																
	緖		(j)	Ş		42	<b>√</b> α	<b>4</b> 3		 	<b> </b>						<u> </u>	 			 		 _	
STORAGE DEPOT		设备及安装工程名称		なまずVRV登留台	10HP	す du III FXYCS0KV	<b>守内机FXYC25KV</b>	守内机FXYF100KV	VRV变级空调机配件															۵ ۲
FUEL	下 定 数		马编号	1 23-50		2 23-52	23-52	23-52	[							-		 			 	1	 	-

0

e

8

0

Ĵ

# ESTIMATION CONSTRUCTION COST OF EQUIPMENT FACILITIMES

• •

•

• • • • • •

SHANGHAI PUDONG INTERNATIONL AIRPORT (FUEL SUPPLY SYSTEM)

					Equipm	Equipment Costs	Installation	Installation Work Costs	:	Including (in Installation Work Costs)	Installation \	Work Costs)		
ON	Norm	Description of Works	ъ с С	0î)					Expense	Expense of Labor	Matcrial	Material expense	Mechanical expense	il expense
	e S O				Unit VALUE	Total Value	Unit VALUE	Total Value	Unit VALUE	Total Value	Unit VALUE	Total Value	Unit VALUE	Total Value
~		Section-2 Power Supply and Instrument	it			0		0		0		0		٥
	2	Dry-type transformer 1600/10/0.4 D.yn11	Ref.	2	36,000	72,000	675.52	1,351	316.33	633	148.96	298	210.23	8 8
<u>「</u> ※	2-438	H.V. switchpear	¥	80	380,000	3,040,000	80.47	644	43.77	350	12.97	104	23.73	190
4	2-438	L.V. switchboard	<b>Bet</b>	24	120,000	2,880,000	80.47	1,931	43.77	1,050	12.97	311	23.73	570
		Frequency conversion control panel				0	0	0		0		0		0
るが	2-438	of fuel pump (V.V.F) *	ş	2	2,130,000	4,260,000	241.41	483	43.77	88	12.97	52	23.73	47
L	2-438	Power distribution cabinet	¥	17	50,000	100,000	80.47	191	43.77	38	12.97	50	23.73	47
<b>~</b>	2-438	Reduced voltage start cabinet	¥	-	so.000	350,000	80.47	563	43.77	306	12.97	6	23.73	<u>8</u>
٩	2-439		¥	14	2,000	28,000	73.14	1,024	37.86	530	11.55	162	23.73	332
2	┢━	$\mathbf{r}$	¥	-	11,960	11,960	80.47	80	43.77	44	12.97	13 .	23.73	24
E	┟→	Soft starter for oil pump PSD-210	¥	11	50,000	100,000	25,76	52	23.66	47	2.1	4		0
2	┣		ÿ	16	2,000	32,000	73.14	1,170	37.86	808	11.55	185	23.73	380
12	-	Flood Light 8-100W	R	ы	60,000	120,000	212.68	425	106.34	213	56.33	113	50.01	81
=	_	1	ł	8	4,000	240,000	383.38	23,003	217.22	13,033	141.36	8,482	24.8	1,488
2		ing Ating 20	¥	12	2,000	24,000	749.46	8,994	653.04	7,836	96.42	1,157		0
2	ļ	Flame-proof lighting fitt	ž	4	808	61,600	94.17	7,251	50.04	3,853	44.13	3,398		0
F	282	Fluorescent lighting fitting 2-40W	X	618	150	92,700	103.76	64,124	40.81	25,221	62.95	38,903		0
<u></u>	┠	Flush-mount 3-phase receptacie 20A	X	90	ส	160	0	0		0		0		0
5		Flush-mount 1-phase receptacle 10A	¥	ສິ	õ	2.290	0	0		0		0		0
8		Explosion-proof 3-phase receptacle 20A	¥	~	8	250	0	0		0		0		0
ភ		Explosion-proof 1-phase rooptacle 10A	Pa Ba	35	8	1,050	0	0		0		0		0
ន		Flush-mount switch 10A	ÿ	149	15	2,235	0	0		0		0		0
ุล		Explosion-proof switch 10A	act.	10	8	570	0	0		0		0		0
Ä	22-151	F	Ĩ	ŝ	36	10,665	30.1	9,030	16.44	4,932	9.22	2,766	4.44	1,332
ห			¥	150	200	29,984	148.53	22,280	92.75	13,913	5.13	70	50.65	7.598
8	5 22-137	Lightning protection	10m	57	36	2,026	43.23	2,464	27.71	1,579	7.45	ŝ	8.07	ş
8	s-138		ž	16	8,000	128,000	539.04	8,625	531.64	8,506	7.4	118		0
8	3 2-6S3		10ml	330		165,000	15.77	5,204	1242	4,099	3.35	1,106		0
8	┣					0	0	0		0		•		0
۽ ا														

,

ESTIMATION CONSTRUCTION COST OF EQUIPMENT FACILITIMES

1

SHANGHAI PUDONG INTERNATIONL AIRPORT (FUEL SUPPLY SYSTEM)

-

•

•

•

0

8

R.

ESTIMATION CONSTRUCTION COST OF EQUIPMENT FACILITIMES

SHANGHAI PUDONG INTERNATIONL AIRPORT (FUEL SUPPLY SYSTEM)

Intr VALUE         Total Value         Expense           00         0         0         0           000         0         0         0         43.77           00         0         0         0         43.77           00         0         0         0         43.77           00         0         0         0         43.77           00         105.21         151         43.77           00         105.21         100         84.47           00         105.21         1052         84.47           00         0         0         917         37.38           00         0         0         0         84.47           00         105.21         1055         84.47           00         0         0         0         5.92           00         57.33         917         37.38           00         57.33         917         37.38           00         57.33         917         5.92           00         57.33         917         37.38           00         57.33         917         37.38           00         1056	•ـــ						Equipm	Equipment Costs	Installation Work Costs	Work Costs		Including (in	Including (in Installation Work Costs)	Vork Costs)		
Code         Instrument Raultment         Cal Value         Unit VALUE         Toel Value         Unit VALUE         End VALUE         End VALUE         End VALUE         End VALUE         End Value         Unit VALUE         Toel Value         Unit VALUE         Toel Value         Unit VALUE         End Value         Unit VALUE         End Value         Value <t< th=""><th><u></u></th><th>ġ</th><th>Norm</th><th>Description of Works</th><th>C. C.</th><th>0 ty</th><th></th><th></th><th></th><th></th><th>Expense</th><th>of Labor</th><th>Material</th><th>copense</th><th>Mechanical copense</th><th>l copense</th></t<>	<u></u>	ġ	Norm	Description of Works	C. C.	0 ty					Expense	of Labor	Material	copense	Mechanical copense	l copense
61         Instrument Roulement         61         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0			Code				Unit VALUE	Total Value	Unit VALUE		Unic VALUE		Unit VALUE	Total Value	Unit VALUE Total Value	Total Value
(62)         Commuter memoloring system (CCS)*         std         1 $22,800,000$ $0,0$ $161$ $43.77$ $0$ (61)         Two thermities system (CCS)*         std         1 $23,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ $0,000$ </td <td><b>ـــ</b></td> <td>13</td> <td></td> <td>Instrument Equipment</td> <td></td> <td></td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td></td> <td>0</td> <td></td> <td>•</td>	<b>ـــ</b>	13		Instrument Equipment				0	0	0		0		0		•
65         2-338         Master station for MOV*         641         2         35000         70,000         65.44         133         41.88         8           64         TVC Spanse         2V/SA         zz         2         25000         1.30000         66.44         133         41.88         8           65         Row transmiter         2         2.500         1.0000         105.21         1.023         84.47         84           66         Row transmiter         2         2.500         37.000         105.21         1.023         84.47         84           67         10-199         Type <twohen form<="" td="">         zet         1         73.000         105.21         1.023         84.47         84           67         10-199         Type<twohen form<="" td="">         zet         1         73.000         100         100         1003         100         1003         100         110         1003         111         111         111         111         111         111         111         111         111         111         111         111         111         111         111         111         111         111         111         111         111         111         111</twohen></twohen>	×	2		Computer monitoring system (DCS)*	ង្គ		25,800,000	25,800,000	0	0		0		0		0
(4)         Try, Systems         Set         1         1.300.000         0.0         0         0         0         0           (5)         10.234         Powerbox         2V/X         set         2         2,500         5,000         66.44         133         41.38         84           (5)         10.193         Type         Twhen Meer         5**         2         3,7050         74.100         105.21         105         84.47         845           (6)         10.193         Type         Twhen Meer         5**         10         55.00         105.21         105         84.47         845         171           (7)         10.193         Type         Twhen Meer         5**         11         10.000         105.000         173.00         171         84.47         845         171           (7)         10.217         Pressure transmitter         5         14.1000         175.00         175.00         173.00         173.00         173         173         173           (7)         10.217         Pressure transmitter         5         14.1000         175.00         173         173         173         173         173         173         173         173 <td></td> <td>8</td> <td></td> <td>Master station for MOV</td> <td>ğ</td> <td>Γ</td> <td>35,000</td> <td>70,000</td> <td>80.47</td> <td>161</td> <td>43.77</td> <td>88</td> <td>12.97</td> <td>26</td> <td>23.73</td> <td>47</td>		8		Master station for MOV	ğ	Γ	35,000	70,000	80.47	161	43.77	88	12.97	26	23.73	47
65         10.37d         Power box $24/3A$ pert         2 $2500$ $56.44$ 133 $41.88$ $84$ $100$ 66         Flow transmitter         7         10.109         Type         Twehne Meter $1^{\circ\circ}$ 25,500         54.100         105.21         10.05         84.47         166           67         10.199         Type         Twehne Meter $1^{\circ\circ}$ 25,500         74.100         105.21         10.05         84.47         166           67         10.199         Type         Twehne Meter $1^{\circ\circ}$ 25,500         105.21         10.05         84.47         166           70         10.199         Type         Twehne Meter $1^{\circ\circ}$ 25.500         105.21         10.0         84.47         166           71         10.2501         Type         Twehne Meter $1^{\circ\circ}$ 25.50         25.50         25.52         12.4           73         10.2501         Type         Twehne Meter $1^{\circ\circ}$ 200         5.50         25.52         12.4         7.55           73         10.250         With         Type         2500         5.50 <td>1</td> <td>8</td> <td></td> <td>ITV System*</td> <td>ş</td> <td>1</td> <td>1,300,000</td> <td>1,300,000</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td></td> <td>0</td> <td></td> <td>0</td>	1	8		ITV System*	ş	1	1,300,000	1,300,000	0	0		0		0		0
66         Flow transmitter         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	<b></b> ,	65	-		201	2	2,500	5,000	66.44	133	41.88	84	5.66	111	18.9	38
(1) $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ $(1)$ <t< td=""><td>ليعمها</td><td>90</td><td></td><td>Flow transmitter</td><td></td><td></td><td></td><td>0</td><td>0</td><td>0</td><td></td><td>0</td><td></td><td>0</td><td></td><td>0</td></t<>	ليعمها	90		Flow transmitter				0	0	0		0		0		0
68         (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	X	67		<b>Turbine Meter</b>	Set.	5		74,100	105.21	210	84.47	169	3.41	7	17.33	35
66         10-159         Type         Tarbiae Meare         5**         1         78.990         105.21         105         84.47         84.           70         10-159         Type         Tarbiae Meare         17*         10.000         10.000         10.000         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0		88		Turbine Meter	¥	õ	54,100	541,000	105.21	1,052	84.47	845	3.41	34 • [	17.33	173
70         10-159         Type         Twelvies Mear         17*         10-201         Excave transimiter         2         145,320         290,640         108.21         216         85,47         171           71         10-201         Fressure transimiter         set         i         10000         175,000         57,33         917         37,38         598           73         10-187         Fressure transimiter         set         i         10000         17000         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0		\$		Turblae Meter	¥	*1	78,990	78,990	105.21	105	84.47	88	3.41	3	17.33	17
71         10.201         Pressure transmitter         set         16         11,000         176,000         57.33         917         3736         596           72         Hand held brain treminal         set         1         10,000         10,000         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0 <t< td=""><td>Ð</td><td>8</td><td></td><td>Turbine Meter</td><td>şçt</td><td>ы</td><td>145,320</td><td>290.640</td><td>108.21</td><td>216</td><td>85.47</td><td>1/1</td><td>4.41</td><td>6</td><td>18.33</td><td>37</td></t<>	Ð	8		Turbine Meter	şçt	ы	145,320	290.640	108.21	216	85.47	1/1	4.41	6	18.33	37
72         Hand held brein terminal         set         1         10,000         10,000         0         0         0           73         10-137         Pressure gauge         Y:100 0-4.0Mh         set         2         250         500         8.65         17         5.92         12           74         10-137         Pressure gauge         Y:100 0-4.0Mh         set         1         300         8.65         17         5.92         12           75         10-137         Pressure gauge         Y:100 0-4.0Mh         set         1         300         8.65         17         5.92         12         4           75         10-137         Set         2         300         5.73         812         12.54         4.77           7         10-236         with RTD         P100 1ad50mm         set         1         1.400         57.33         115         37.38         37           7         10-236         with RTD         P100 1ad50mm         set         1         1.400         7.53         149         17         105         149         149         149         149         149         149         149         149         149         149         149 <td>•</td> <td>2</td> <td></td> <td>Pressure transimitter</td> <td>ž</td> <td>16</td> <td>11,000</td> <td>176,000</td> <td>57.33</td> <td>917</td> <td>. 37.38</td> <td>598</td> <td>0.98</td> <td>16</td> <td>18.97</td> <td>304</td>	•	2		Pressure transimitter	ž	16	11,000	176,000	57.33	917	. 37.38	598	0.98	16	18.97	304
73         10-187         Pressure gauge $Y_{100}$ 250         500         8.65         17         5.92         12           74         10-187         Pressure gauge $Y_{100}$ 0-4.4M°         set         1         500         8.65         9         5.92         12           75         10-187         Pressure gauge $Y_{100}$ 0-4.4M°         set         1         500         8.65         9         5.92         12.4           75         10-187         With-functionscate gauge $Y_{100}$ set         1         300         5.00         2.75         8.65         12.54         4.77           7         10-200         with fr73         P100 lad50am         set         1         1.400         1.400         57.33         57         37.38         75           78         10-236         Explosion-proof float level controller         set         1         1.800         25.200         19.79         175         37.38         75           80         10-226         Explosion-proof float level controller         set         1         1.800         25.200         19.76         179         179         179         175           81         10-	-6 -6	Ł		Hand held brain terminal	ž	-	10,000	10,000	0	0		0		0		0
74         10-187         Pressure gauge $X$ -100         500         500         500         5.92         6           75         10-187         Vaccum pressure gauge $X$ -100         set         21         300         6.300         8.65         182         5.92         124           76         10-485         Muth-function pressure gauge $X$ -100         set         23 $2.300$ 8.65         123 $3.77$ $4.77$ 77         10-485         Muth-function pressure gauge $X$ -100         set         23 $2.50$ $3.72$ $3.73$ $3.77$ $4.77$ $4.77$ 78         10-206         with RTD PHOID-4200mm         set         1 $1.400$ $5.733$ $3.77$ $3.738$ $3.75$ 78         10-226         Explosion-proof float level controller         set $4$ $1.800$ $2.5200$ $19.79$ $2.738$ $3.75$ $3.75$ $3.75$ 80         10-226         Glass level meter $1.800$ $2.7200$ $17.68$ $106$ $10.526$ $9.50$ $3.756$ $3.756$ $3.756$	45	2			¥	5	250	200	8.65	17	5.92	12	1.79	4	0.94	2
75         10-187         Vaccum pressure gauge         72.10         51         10-485         Nuti-function pressure gauge         72.10         112         592         12.4         477           77         10-485         Nuti-function pressure gauge         72.100         set         38         250         9.500         52.75         865         12.54         477           78         10-280         with RTD <philo indominet="" td="" transmitter<="">         set         1         1.400         1.400         57.33         115         37.38         37           79         10-280         $\overline{P}$         10         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0</philo>		74		Pressure gauge	¥	4	88	500 2002	8.65	6	5.92	9	1.79	2	0.94	1
76         10-485         Muri-function pecdle value for PC         set         38         250         9,500         22.75         865         12.54         477         7           77         1ncegrative temperature transmitter $\sim$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ $0$ </td <td>lanan d</td> <td>33</td> <td></td> <td>Vaccum pressure gauge</td> <td>sct</td> <td>71</td> <td>300</td> <td>6300</td> <td>8.65</td> <td>182</td> <td>5.92</td> <td>124</td> <td>1.79</td> <td>36</td> <td>0.94</td> <td>ନ୍ଦ</td>	lanan d	33		Vaccum pressure gauge	sct	71	300	6300	8.65	182	5.92	124	1.79	36	0.94	ନ୍ଦ
77       Integrative temperature transmitter       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0         78       10-290       with RTD       P100 lacSomm       set       1       1,400       57.33       57       37.38       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       37       31       37       37       31       37       37       31       37       37		76	10-485	Muti-function peedle value for PC	Sct	38	250	9,500	22.75	865	12.54	477	4.34	165	5.87	223
78         10-200         with RTD         P100 lacS0mm         set         1         1,400         1,400         57.33         57         37.38         37           79         10-200         F100 lacS0mm         set         2         1,800         3,600         57.33         115         37.38         75           80         10-226         Explosion-proof float level controller         set         1         1,800         25,200         19.79         277         10.65         149           81         10-224         Glass level meter         set         6         7,850         47,100         17.68         10.65         149           82         10-224         Glass level meter         set         6         7,850         47,100         17.68         10.65         163         63           83         10-233         Radar lever meter         set         6         32,000         192.60         252.2         1,513         165.61         916           84         10-183         Muti-point average temperature meter         set         6         27,000         17.68         106         10.53         63         132           85         10-183         Muti-point average temperature meter<		7		Integrative temperature transmitter				0	0	.0		0		0		0
79         10-290         P100 ladSom         set         2         1,800         3,600         57.33         11.5         37.36         75           80         10-226         Explosion-proof float level controller         set         14         1,800         25,200         19.79         277         10.65         149         1           81         10-224         Glass level metter         L=1400m         set         6         7,800         25,200         19.79         277         10.653         63           82         10-224         Glass level metter         set         6         7,800         17.68         106         10.53         63         63           83         10-233         Radar lever metter for dome-roof tank*         set         6         37,000         17.68         10.53         63         63           84         10-183         Muti-point average temperature metter         set         6         37,000         19.66         10.53         132         132         132         132         132         132         132         132         132         132         132         132         132         132         132         132         132         132         132         <	Classics,	78	10-290		ž	-	1,400	1,400	S7.33	57	37.38	37	0.98	1 1	18.97	19
80         10-226         Explosion-proof float level controller         set         14         1,800         25,200         19,79         277         10.65         149         1           81         10-224         Glass level meter         L=1400mm         set         6         7,850         47,100         17.68         10.53         63         63           82         10-224         Glass level meter         L=000mm         set         6         4,500         27,000         17.68         10.53         63         63           83         10-233         Radar lever meter         set         6         32,000         192,000         252.2         1,513         132         132           84         10-183         Muti-point average temperature meter         set         6         32,000         192,000         25.22         1,513         132         132           85         Date collection unit of level coutroller*         set         1         2,700         51,300         0         0         0         0         0         132         132         132         132         132         132         132         132         132         132         132         132         132         132		79	10-290	Pt100 1=450mm	¥	64	1,800	3,600	S7.33	115	37.38	75	0.98	2	18.97	38
81         10-224         Glass level meter         L=1400ma         set         6         7,850         47,100         17.68         106         10.53         63           82         10-224         Glass level meter         L=600ma         set         6         4,500         27,000         17.68         10.6         10.53         63         63           83         10-233         Radar lever meter         set         6         32,000         152,00         17.68         10.53         63         63         63           84         10-183         Muti-point average temperature meter         set         6         32,000         192,000         252.22         1,513         132         132         132           85         Date collection unit of level coutroller*         set         1         2,700         51,300         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0		80	10-226		set	14	1,800	25,200	19.79	277	10.65	149	3.79	53	5.35	75
82         10-224         Glass level meter         L-600mm         set         6         4,500         27,000         17.66         10.53         63         63           83         10-233         Radar lever meter         set         6         32,000         552.2         1,513         105.51         916         916           84         10-183         Muti-point average temperature meter         set         6         32,000         192,000         252.2         1,513         132.61         916           85         Date collection unit of level coutroller         set         19         2,700         51,300         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0<		81	10-224	Glass level meter	ş	6	7,850	47,100	17.68	106	10.53	8	7.15	\$3		0
83       10-233       Radar leven meet for dome-roof tank*       set       6       110,000       660,000       252.2       1,513       152.61       916         84       10-183       Muti-point average temperature meter*       set       6       32,000       192,000       23.93       1,44       22       132         85       Date collection unit of level coutroller*       set       6       27,000       51,300       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0 <td></td> <td>82</td> <td>10-224</td> <td>Glass level meter</td> <td>sct</td> <td>\$</td> <td>4500</td> <td>27,000</td> <td>17.68</td> <td>106</td> <td>10.53</td> <td>8</td> <td>7.15</td> <td>43</td> <td></td> <td>0</td>		82	10-224	Glass level meter	sct	\$	4500	27,000	17.68	106	10.53	8	7.15	43		0
84         10-183         Muti-point average temperature meter*         set         6         32,000         192,000         23.93         144         22         132           85         Date collection unit of level courtoller*         set         6 $22,000$ 168,000         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0<	Ý,	ន	10-233		Sct	و	110,000	660,000	252.2	1,513	152.61	916	68.64	412	30.95	186
Date collection unit of level courroller*         set         6         28,000         168,000         0         0         0           Explosion-proof junction box for         set         19         2,700         51,300         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	<	84	10-183	Muti-point average temperature meter *	set	9	32,000	192,000	23.93	144	z	132	1.93	12		0
Explosion-proof junction box for         set         19         2,700         51,300         0         0           kevel meter         e         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         1         1         10000         1         10000         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0 <td></td> <td>S</td> <td></td> <td>Date collection unit of level coutroller*</td> <td>set</td> <td>¢</td> <td>28,000</td> <td>168,000</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td></td> <td>0</td> <td></td> <td>0</td>		S		Date collection unit of level coutroller*	set	¢	28,000	168,000	0	0		0		0		0
level meter         columetion unit for level meter         set         1         29,000         29,000         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         1         1         10000         110000         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0 <td></td> <td>86</td> <td></td> <td>Explosion-proof junction box for</td> <td>set</td> <td>19</td> <td>2,700</td> <td>51,300</td> <td>0</td> <td>0</td> <td>~~~</td> <td>0</td> <td></td> <td>0</td> <td></td> <td>0</td>		86		Explosion-proof junction box for	set	19	2,700	51,300	0	0	~~~	0		0		0
Connection unit for level meter         set         1         29,000         29,000         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0 <td>ang dan sebelah se</td> <td>87</td> <td></td> <td>level meter</td> <td></td> <td></td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>-</td> <td>0</td> <td></td> <td>0</td>	ang dan sebelah se	87		level meter				0	0	0		0	-	0		0
ILevel measure software package         set         1         110000         0         0         0         1         1         1         1         1         1         1         1         1         1         1         1         1         0         0         0         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         1         0         1         1         0         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1 <th1< th=""> <th1< th=""> <th1< th="" th2<=""></th1<></th1<></th1<>		88		Counection unit for level meter	sct	-	29,000	29,000	0	0		0		0		٥
SUM SUM 29,677,130 6,185	-3	68		Level measure software package	sct	1	110000	110000	0	0		0		0	-	0
	>	8		SUM			·	29,677,130		6,185		4,092		879		1,214

SHANGHAI PUDONG INTERNATIONL AIRPORT (FUEL SUPPLY SYSTEM)

ESTIMATION CONSTRUCTION COST OF EQUIPMENT FACILITIMES

L					Equipme	Equipment Costs	Installation	Installation Work Costs		Including (in	Including (in Installation Work Costs)	(ork Costs)		
o Z	Norm	Description of Works	C _{ai}	0ţA					Expense of Labor	of Labor	Material expense	expense	Mechanic	Mechanical expense
				• •	Unit VALUE	Total Value	Unit VALUE		Unit VALUE	Total Value	Total Value Unit VALUE Total Value Unit VALUE Total Value	Total Value	5	Total Value
ลี		Level computer display system	şçı		230,000	230,000	0	0		0		٥ ا		0
8		Explosion-proof electric actuator for MOV				0	0	0		0		0		0
ß	10-116	EX DN500	ğ	18	15,000	270,000	120.7	2,173	86.24	1,552	10.35	186	24.11	434
¥	┼╾		y	2	18,000	36,000	120.7	241	86.24	172	10.35	21	24.11	48
8	22-195	Fue alarm panel	ğ	4	12,000	48,000	396.71	1,587	141.67	567	193.45	774	61.59	246
8	┢	•	şç	8	800	24,000	44.38	1,331	28.98	869	0.92	28	14.48	434
8	┢┉	I	ş	ន	55,000	1.650,000	362.1	10,863	86.24	2,587	10.35	311	24.11	723
8	10-314	₹	SC .	~	92,000 .	644,000	133.14	932	28.98	203	0.92	6	14.48	101
8	ł		ž	4	500	2,000	547.32	2,189	358.09	1,432	8.67	35	180.56	722
8						0	0	0		0		0		0
						0	0	0		0		0		0
- <b>6</b> -	-					0		0		0		0		0
8						0		0		0		0		0
ğ						0.		0		0		0		0
201	5					0		0		0		0		0
8	~					0	ļ	0		0		0		0
5	-					0		0		0		0		0
8 8	2					0		0		0		0		0
ß						0		0		0		0		0
2	. 0					0		0		0		0		0
E						0		0		0		0		0
11	~					0		0		0		0		0
13	3					0		0		0		0		0
Ē						0		0		0		0		0
5	5		_			0		0		0		0		0
2	5					0		0		0	1	0		0
117	2					0		0		0		0	•	0
118	8					o		0		0		0	-	0
Ĕ	6	SUM				2,904,000		19,317		7,383		1,360		2,710
071	0	TOTAL	-			45,718,451		184,379		98,412		60,704		17,078

0

:

**I** 

# ESTIMATION CONSTRUCTION COST OF EQUIPMENT FACILITIMES

SHANGHAI PUDONG INTERNATIONL AIRPORT (FUEL SUPPLY SYSTEM)

1 

	PROJECT NAME: POWER SUPPLY AND INSTRUMENT (FUEL STORAGE DEPOT)	E DEPOT)	
A	NORMINAL DIRECT EXPENSE		184,379
8	EXPENSE OF LABOR	0.0	98,412
υ	OTHER DIRECT EXPENSE	Bx23%	22,635
Δ	SUB-TOTAL OF DIRECT EXPENSE	A+C	207,014
ы ш	COMBINED INDIRECT EXPENSE	Bx180%	177,142
Ŀ	PROFIT	Bx65%	63,968
ა	INITIAL EXPENSE	Dx3%	6,210
н	ADJUSTMENT FOR EXPENSE OF LABOUR	B/11.83x2.4	19,965
<b>1-4</b>	SUBSIDY FOR CHANGE OF CONSTRUCTION SITE	BV11.83x2.5	20,797
5	MATERIAL AGIO	MATERIAL COST SUM x 66%	40,065
Х	MECHANICAL AGIO	MECHANICAL COST SUM x 97%	16,566
ر د	EQUIPMENT COST		45.718.451
M	EQUIPMENT TRANSPORTION COST	Lx3%	1,371,554
z	TOTAL	D+E+F+G+H+I+J+K+L+M	47.641.731
0	ESTABLISHMENT CHARGE OF NORM COMPILATION	Dx0.5%	104
<b>م.</b>	ENGINEERING OUALITY SUPERVISION COST	Nx1.5%	71.463
0	MANAGEMENT COST	Nx1.5%	71.463
R	TAX AND DUTTES	(N+0+P+Q)3.41%	1.629.460
s	CONSTRUCTION COST	N+0+P+Q+R	49,414,220

8

Ť

露

### FUEL SUPPLY DEPOT

:

0

Ĵ

-649-

Table of Cost Estimates For Equipment & Installation Engineering

Sha	inghai	Pudong Int	Shanghai Pudong International Airport Project Fuel Supply Systen	ort Pi	oject	Fuel Si	upply S	ystem					Unit: RMB Yuan			Page 1	
L					F	ХеХ	Weight(t)			Price					Total cost		5 <b></b>
lter	Target		Title of equipment		£	H H	Total	Purchase	Installation	Including (in	Installation Including (in installation engineering)	ngineering)	Purchase	Installation	Installation [Including(In installation engineering)	stallation e	ngineering)
				Š	unit amount			đ		Main	Construc-	Labor fee in	ð		Main	Construc-	Construc-Labor Tee In
°Ż	number	<u></u> .	material or fee			weight	Moion	equipment	engineering	material	tion	construction	equipment	engineering	matenal	ş	construction
		Fuel Supply Depot	Depot							_							
		Process pipeline															
1	<u> </u>	3-2001 X52 Seamed pipe	ipe DgWO	ε	oot	0.063	6.30		11.572	10,087	1,4K5	470		72,944	63,548	9355.5	2,961
<u>1</u>	÷	3-2001 X52 Seamed pipe	ipe Dg250	E	S	0.046	2.53		10,356	178,8	1,4K5	470		26,201	22,444	3757.05	1.189
2		3-2001 X52 Seamed pipe	tpe Dg200	٤	901	0,032	02.5		216,11	10,427	1,4%5	470		34,114	33,366	4752	1,504
1		3-2001 XS2 Seamed pipe	the Dg150	E	2	610.0	1.8.1		9,074	7,589	1,4K5	470		16,379	13,69%	2680.425	KAN
15		3-2(K)1 20" Scamless stoel pipe	teel pipe Dg100	Ε	о́г	010'0	0.10		9,074	7,544	1,4K5	470		907	759	14K.5	47
1	ł	3-21K)1 20° Seamless steel pipe	teel pipe DgM	٤	Ş	0.009	0.41		9,074	7,589	1,4K5	470		3,675	3,074	601.425	140
1-7		3-2001 20° Seamless steel pipe	teel pipe Dg50	E	10	0.005	0.05		9,074	7,549	1.4KS	470		454	379	74.25	X
ĩ		3-2001 Zur Seamlews steel pipe	tect pipe Dg30	E	z	200.0	0.17		9,422	7.937	1,485	470		1,602	1.749	252.45	ίæ.
1		3-2001 20° Seamless steel pipe	tect pipe Dg15	Ę	30	10070	0.02		9,422	7.937	1,4%5	470		XX:	154	29.7	2
			Suth-total	_										160,428	1.38,776	21,651	6,KS3)
	 										-			-			
ы		Valve															
2-1		3-4003 Gate valve	Pg16 Dg200	<b>3</b> 41	4			9,220	16		16	s	1 <b>14</b> ,540	112		112	35
22		3-4003 Gate valve	Pg16 Dg150	¥	01			5,540	16		16	s	55,400	160	-	140	3
23		3-4403 Glohe valve	Pg16 Dg200	set	*			R,900	16		16	2	002112	124		124	(*
1		3-4003 Globe valve	Pgin Dgi50	¥	*			(1)/-"8	16		91	~	33,200	2		ž	Ŕ

9

I

Table of Cost Estimates For Equipment & Installation Engineering

1

ľ						-					Price					Total cost		
		-					Www.Rep.u.						Ť					
Ę	Target	Tide	. Title of equipment ' '	:	-	-	, ti ti	Total	Purchase	Installation	Including (ir	Installation [Including(In installation engineering)	engineering)	Purchase	Installation	instattation including(in instattation engineering)	nstatation o	(Dataeußu
		•	,	3	unit amount	m			: 70	•	. Main	Construc-	Labor tee in	ୖ୶		Main	Construc-	Construc-Labor fee in
ÔZ	number	2 	material or fee			\$	weight .	moight	equipment	engineering	material	tion	construction	equipment	engineering	material	ş	construction
۲. ۲	_	3-4003 Clobe valve		Dg100	2			<b> </b>	6,820	16		91	\$	6,K20	16		3	
Ä	1007	3-4003 Clothe value		DgHD *	7				5,200	16		16	~	5,200	16		36	
12	1-4003	3-4003 Ball valve	Pg16 D	De25	Ţ				3,780	16		16	~	30,240	128	_	ž	
1		3-4003 Needle valve	10 yisa	Dg15	Ţ	~			204	16		16	~	1,442	112		112	
		3-4103 Check valve	Pel6 D		ž				7,280	16		16	~	29,120	2		3	ន
			_	<u> </u>			┢							297,162	KOO		0 800	250
					-		╞──										~~~~	
<u> </u>		Filter																
Ţ		1.1091 Filter scourator O=120M /h	0-120M'A						240,8402	1,500		1,500	450	476,190	3,000		3,000	905
ŗ	1-1091	1-1091 Per-Filter	W.WOZI-O		ÿ	~	<b> -</b>		22,5(4)	500		9 <b>2</b>	150	45,000	000'1		1,000	00.
13	-1151	Breather Valve			ÿ	4				2212	2200	12	4	¢	K.84H	8,800	K) 4K	
			Sub-total											521,190	12,448	×,800	X0 4.04H	1216
Ŀ	 	Tank																
Ĵ	<b> </b>	25M ³ Drum tank	ank		Ę	 -	2.85			7.64K	0)(2,6	1,348	356		21.774	4 17,936	3,K3K	1,014
					<b></b>						_					_		
~		Tank Accessories	ries															
<u>1</u> -2		Manhoke	Dricto		ž	-				2,275	2,200	22	5	•	2.275	75 2.200	75	
ĩ.		T type sauge cap	ap De100		ki.				150	×		ж	<b>n</b>	150		×	3	×
	<b> </b>		L	Ī	╞	t	I	ĺ				-			_			

Table of Cost Estimates For Equipment & Installation Engineering

215 R 355 9 Construc- Labor fee in construction Installation Including(in Installation engineering) 3 510 R -Ř I 8 ċ 0 1960) 4 32 Ă <u>§</u> Page 100 5 ÷ TCK) ō -Ξ c material Total cost Main 3 engineering 8 3 60 R z c -¥... 8 16 2 ň ÷ ž 1%162 USS 224 USS 472 USS 500 USS 17.140 USS 150,745 Unit: RMB Yuan K,KKO 4,400 5,000 1,200 3,540 2,400 27,450 1,200 СЩ. aquipment Purchase 2 Construc- Labor fee in construction Installation Including(In Installation engineering) <u>s</u> 3 2 3 'n Ś § 8 <u>8</u> 120 2 510 ŝ \$ ŝ 2 malenal Mah 8 Price engineering 휬 8 510 170 8 91 ź ź 93 2234 452 500 USS 17.190 USS ß 2,216) 4,400 5.(XIO 0071 (XK) **2**00 999 2 5% equipment Purchase ъ Shanghai Pudong International Airport Project Fuel Supply System Mglew Total Weight() Moiew ŝ unit amoun ы ¥ **6**1 ¥ ¥ ¥ ž ş ÿ Ş ž Ţ 2 ¥ ÿ 0<u>r</u>65 ទាំង Tale of equipment material or fee Sub-total \$ Ê Sub-total ۲V USS:KMB Yumetika A-6 3-4413 4" AP1 base coupler 3-44133 Millipore sampler 3--5 2-1045 [Ilydrant trip valve 4" refuelling hove 7-1 2-1045 Pressure regulator inport equipment 3-4003 [Ilove connection 7-5 2-1045 Hydrawt valve Refuelling hone 7-2 ( 3-403) Surge abouter Hand pump A-3 2-1045 Dink value Equipment Item Target nunden 2.5 ź ī 1 3 Ĵ * 1

į

<u>s</u>

9

-652-

Ş

Table of Cost Estimates For Equipment & Installation Engineering

Prea         Total cont           et         Main         Construction         Purchase         Instantion         Main         Construction           et         Main         Construction         Labor rea in         en         Main         Construction           et         Main         Construction         Labor rea in         en         Main         Construction           et         No         construction         Advint         Another         Advint         Construction           et         No         construction         No         Advint         Advint         Solution           fight         Fight         Et         226,430         Total station         Advint         Solution           fight         Fight         Et         200,056         107,412         32,244           fight         Fight         Et         200,056         107,412         32,344           fight         Fight         Fight         Et         200,056         107,412         32,344           fight         Fight         Fight         Fight         200,056         107,412         32,541           fight         Fight         Fight         200,056         107,412         3	Shanı	zhai Pı	Shanghai Pudong International Airport Project Fuel Supply System	t Pro	ject F	uel Su	ippły Sy	stem				-	Unit: RWB Yuan			Page 4	
Tage         Tage of equipment.         unit         Tage of equipment.         unit         Tage of equipment.         unit         Tage of equipment.         unit         Controc         Labore         Labore <thlabore< th="">         Labore         Labore</thlabore<>			-			Weig	ыt(t)			Price					Total cost		
number         large lender         large lender <thlander< th=""> <thlarge lender<="" th=""></thlarge></thlander<>	tem	Target	Tate of equipment	<del></del>	¥ ,	in the second seco	Total	Purchase	Installation	Including(in	installation (	angineering)	Purchase	Installation	Including(in l	กรใสไลป์อก ษ	ngineering)
numbed         natacida c fase         investion         weigner				unit ar	hound			5	-	Main	Construc-	Labor (ee in	5		Main	Construc-	Construc- Labor hee in
Importing excitoment charped 051/57       Importing excitoment charp	Ŷ	umber	material or fee			weight	<b>Meight</b>	equipment	engineering	•	tion	construction	equipment	engineering	matenal		construction
Image: constraint of the section of the sec		-	importing equipment extra charge 0.51757										78,046				
Note:       Services:       Interfactor:       Interfact			Grand-total										228,830	72%	0		215
Note the function of the funct																	
Section: 1 to Section? Total         I I I I I I I I I I I I I I I I I I I																	
Expresset with so adjustment       Image: Comparison prevention         Pipe correction       Pipe correction         Pipe correction       m²         Step internal autoencols (seri typen       m²         Udder ground pipe cuternal autoencols       m²         None ground pipe cuternal instruction:       m²         Abore ground pipe		~	Section-1 to Section-7 total										1,074,782	200,056			9,918
Expenses with no adjustment       Expenses with no adjustment       Image: Constant of the c																	
Pipe correction       Pipe internal ant/recr00 four lyyen $m^2$ $c_{20}$ $r_{20}$			Expenses with no adjustment														
Spin internal intraction for layer $m^2$ $cold$ $cold$ $m^2$ </th <th></th> <th></th> <th>Pipe corrosion prevention</th> <th></th>			Pipe corrosion prevention														
Under ground byte caternal untfloer: $m^2$ $671$ 143       143       143       143         Fraion bonded epoxy power coafing $m^2$ $k_{12}$ $k_$	-	1		z,w	620				75					46,500			
Fusion bonded epoxy power coartig       m ² bit       75       m       m         Above ground pipe external insurface:       m ² bit       75       m       m         Quicoesultoration polyer(hylen four layer       m       76       m       m       m       m         Tank correction polyer(hylen four layer       m       m       75       m       m       m       m         Tank correction prevention       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m       m </th <th>64</th> <th></th> <th>Under ground pipe external surface:</th> <th>°e</th> <th>657</th> <th></th> <th><b>-</b></th> <th></th> <th>143</th> <th>•</th> <th></th> <th></th> <th></th> <th>93,951</th> <th></th> <th></th> <th></th>	64		Under ground pipe external surface:	°e	657		<b>-</b>		143	•				93,951			
Nonce ground pipe external insurface:         m ² kt         m ² kt         kt         m ² kt         kt         m ² kt		-	Fusion bonded epoxy power coating		 									0			
Chlorosulforaution polyethyten four layeen       1         Sub-total       5         Tank correvien       1         Tank correvien       2         Tank internal surface: S05 four layers       1         Sub-total       1         Sub-total       1	•		Above ground pipe external insurface:	m ²	15				75					6,600			
Sub-total     I     Image: Sub-total     Image: Sub-			Chlorosulfonation polyethylen four layers														
Tank correction       1       1       1         Tank correction       1       5       5         Tank internal surface:056 four layers       173       55       75         Tank caternal surface:fasion bondoci       173       55       143         Sub-lotal       143       143       143       143			Sub-total											147,051			
Tank corrosion prevention     m²     55     75     1       Tank internal wrface:036 four layers     m²     55     75     1       Tank internal wrface:14xion bondoci     m²     55     1     1       epoxy power coating     sub-total     1     1     1																	
Tank internal writecc:036 four layers     m²     55     75     75       Tank caternal writecc:fusion bonded     m²     55     143     76       cepoxy power coshing     southofal     143     175     175			Tank corrosion prevention														
Tank external suffacer(rision bonded     m ² 55     143       epoxy power coating     Sub-lotal     143     143			Tank internal surface:036 four layers	Έ	55				75					4.125			
	м		Tank external surface:fusion bonded	Ê	ន				143					7,865			
			epoxy power coating														
			Sub-lotal					-						0%6'11			

...

Table of Cost Estimates For Equipment & Installation Engineering

I.

		neering)	or iee in	construction																Ī			
		tallation engi	Construc- Labor lee in	LON LON	 			_				-+	-				( <u>8</u>	(SS)		(SS	~~		
Total cost		cluding(in Ins	Mah	material				-	-						-		201,205 (153)	5,101,277		(SSU 172,101,2			
Ě		Installation Including(in Installation engineering)		engineering	 						-						(Include	(Include)		(Include			
		Purchase 1	5	equipment			2,718,072 USS	22.559,998	2,042,000 USS	009'087'1	7,500,000	5,550,000	800,000	282,000	132,000	300,000	2,500,010	56,904,598		\$7.063,639			
		ngineering)	Labor fee in	construction																			
		Installation Including(in Installation engineering)	Construc-	tion										~~~~			(ssi)						
ومنده	ŝ	Including(in	Main	material													(SSU 202,105		~				
		Installation		engineering													(Include						
		Purchase	õ	equipment			679,51R USS	5,639,999	247,000 USS	2,880,100	1,250,000	1, X50,000	400,000	141,000	132,000	200,000	2,500,000						
	ы С	Total		weight	 									 									
	Weight(t)	truți N		weight													_						
•			und amount				4		٩		\$	c	2	2	-	1	1						
_			š		 		97 1		°z	_	Ŷ	٩2 N	No	No	ž	20 No	No					-	
		Title of equipment		material or tee		Vehicles	import Refucier 47M ³	USS:RMBYuan-1:8.3	Import 1000GPM servicer	USS:RMBYunder1:8.3	Local-built Servicer	Local-built Refucier 47M ³	Muhipurpose Vchicle	10M ³ Tank rolly	10M ³ transport truck	Truck for pumping oil	Cleaning Vehicle	Sub-total		Grand-tota)			
		Target		number								 							 	ļ			
		tterm		Ż			-				<u> </u>	<u> </u>	<u> </u>	•	-	30 	۰						ĺ

.

0

(ana)

(NATA)

Table of Cost Estimates For Equipment & Installation Engineering

, .. _----

.

CL.	Charached Dudana International Airport Project Fuel Supply System	m Pro	ect Fue	J Suppl	lv Svste					- <b>-</b>	Unit: RMB Yuan			Page 6	
			-	Veight(t)				Price					Total cost		
-			5	t Total	3	Purchase	Installation	ncluding(in	Installation 4	Including(in installation angineering)	Purchase	Installation	Installation Including(in Installation engineering)	retallation er	ngineering)
		unit amount		~		õ		Main	Construc-	Construc- Labor fee in	5 5		Main	Construc- Labor fee in	abor fee in
2 Z	· material or fee			weight weight	:	tueuudiupe	engineering	material	tion	construction	equipment	grineering	material	,ç	construction
<u> </u> -	Normiae		<b> </b>								1,074,742	200,056	167.412	32,244	H10.0
- -	Equipment transportion cost	Ľ	0.07	Gunpa	Equiptment cost=7%	7%					75,235				
Ŀ	Advisiment fare for expense of labour		560		labor foe"260%							25,787		25.787	25,787
· 4	Adjustment fare for missor material and machinery		8	<u>ğ</u>	struction-la	(Construction-labour fee)*136%						50,363		30,263	
	Seb-total			Lineta Alteri	Installation engin	neering+(3)+(4)						256,207	167,812	105,334	35,705
	Out-of-modet extense	Ĺ	0.05	(2)*5%	8 ⁶							12810			
	Total	╞	-	(e) <del>+</del> (s)	6							269,017			
. <u>×</u>	Other direct extense		0.1684	35	(5) labous *16.84%	2						6,013			
0			0.0498	al (S) Ia	(5) labous "4.9H?	28						1.7%			1.778
2			2.60	<b>.</b> (6)	(9)*260%							4,623			4,623
=	Sub-Total of direct expense			ŧ	(1)+(8)+(8)+(10)							281,431			42,107
<u><u></u></u>	Combined expense		1.627	9 Sie	set fare+Oth	(Direct fare+Other direct fare) labour fee*162.7%	162.7%					64,507	_		
12	Total			10	(11)+(12)						1,150,017	349,938			
<u> </u>	Engineering supervision cost of quality	Ľ	\$100'0	(c)	%\$1'0_(C1)							2,250	_		
×		Ľ	0.0015	(13)	(13)*0.16%							322			
<b>≜</b>				ŝ	(13)+(14)+(15)						1,150,017	354,438			
2	Tax and Duties		0.0341	(91)	(16)*3.41%							51,302			
*	8 Engineering cost including lax			(16)	(16)+(17)							1,555,757			
61	r											57,063,639	3		
<u>  ×</u>				(18-	(18+(19)							88,619,396	6 (Include	5,119,439 USS)	USS)

**\$** 

.

Estimated Total Quantity

Shanghal Pudong International Airport Project (Fuel Supply System )

市         正         元         元         元         元         元         元         元         元         元         元         元         元         元         元         元         元         元         元         元         元         元         元         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         二         1         1         1         1         1         1         1         1         1	uel Su	Fuel Supply Depot ( Plot Plan	lot Plan )	•												
第二、         第二         第         第         第         第         第         第         第         第	$\left  \right $	發				-				支支					н	E
<ul> <li>第一号</li> <li>第二号</li> <li>第二号</li> <li>第二号</li> <li>第二号</li> <li>第二号</li> <li>第二号</li> <li>第三号</li> <li>第三号<td></td><td>-</td><td></td><td></td><td>数量</td><td></td><td></td><td></td><td>(또)</td><td>机料盘</td><td></td><td>机械贷</td><td>(光) (光)</td><td>主材价效</td><td></td><td></td></li></ul>		-			数量				(또)	机料盘		机械贷	(光) (光)	主材价效		
14. 上方工程 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)							L	\$		\$			\$ \$			
S2-14	-		土方工程		┢┈		8788.00		3400.72		10.86		5376.42			
ERT1-19 記名書          展析1-19         記名書         100平方米         16.00         53.88         862.06         53.88         862.06         53.86         0.70         10.86         23.57.13         2005.05         10.05         21.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12         11.12	[2] ~	14		100立方米	3.78	1141.79	4315.97	628.31	2375.01			513.48	1940.95		55.85	211.11
展刊にある 博士券実 100立方米 15:1 23-275 3605/5 10.55 163.65 0.70 10.65 271.50 345.47 11.04 17.75 17.75 13.55 10.54 345.95 10.55 15.55 13.55 15.55 13.55 15.55 13.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15.55 15	<b>1</b>	航1-19		100年左米	16.00	53.88	362.08	53.88	862.08						5.72	91.52
13-1-11 単振込み両 (13-1-1) 利能の込み(13-2)(1-1)(1-1)(1-1)(1-1)(1-1)(1-1)(1-1)(1	<b>—</b>	兇1-65	łX	100立方米	15.51	232.75	3609.95	10.55	163.63	0.70	10.36	221.50	3435.47			17.37
S3-1-11 初歳密発増士方SOCM 1002方米 52.80 176.61 925.501 11.70 617.56 16.91 8707.25 10.40 1       S3-1-2     人工統士方にの     102.7万米     67.30     30.41     12.83     13.43     13.43       S3-1-2     土方送橋和200M     1002方米     67.30     34.41     14.23     36.43     36.43     10.30     1.41       S3-1-57     東原海道     1002方米     67.30     34.45     0.30     34.55     15.91     15.97     15.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91     1.91	5		道路及路面				957262.02	11	05543.93		769914.60		81803.48	349476.05		
S3-1-2         人工物土木14CM         100次方米         14500         50.40         7308.00         50.40         7308.00         50.40         7308.00         50.41         50.435         2042.76         1.00         7           S3-1-23         土方送橋200M         1000.万米         67.30         456.95         2573.575         112.65         557.75         112.61         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91         11.91	F	3-1-11	土方500214	1002沾米	52.80	176.61	9325.01	11.70	617.76			164.91	8707.25		1.04	16.35
S3-1-23         土方送輪車四0m         100公方米         67.30         426.58         273.575         12.2.61         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35         304.35		3-1-2		*	145.00	50.40	7308.00	50.40	7308.00						4.48	- 1
83-1-24  二方逐編増加300M 100℃方米 67.30 74.81 503-71 21.44 1442.91 5337 3591.80 1557 1494.77 1494.77 1494.77 1494.77 1494.77 1494.77 1494.77 1494.77 1494.77 1494.77 1494.77 1494.77 1494.77 1494.77 1494.77 1494.77 1494.77 1494.77 1494.77 1494.77 1494.77 1494.77 1494.77 1494.77 1494.77 1494.77 1494.77 1494.77 1494.77 1494.77 1495.74 100千万米 50.00 385.16 575 659 652 66 63.21 66.74 5 557 65.72 62 55 559 657 16 57 16 57 15 559 657 16 57 16 57 15 559 657 16 57 17 558 17 100千万米 50.00 385.11 5597.40 34.33 3000.50 50.00 3105.16 65.74 5 553 5595.40 31.41 41.01 385.50 1075.17 15.14 11 11 350.50 2006.56 119 255474.24 135.52 132.51 633.40 334.31 633.41 334.32 4203.41 51.44 19 11 11 11 11.175,1769 180.77 15 141 11 350.50 1191.77 1149.97 115.44 110.77 266.71 12.44 11 11 11 11 11.15,1769 180.77 19 1581.82.4 214.77 11 12.14 11 15 57-24 115.77 11 12.14 11 15 57-24 115.77 11 12.14 11 15 57-24 113.51 11.00千万米 56.00 1191.77 1140.97 115.44 110.72 56.71 1034.85 59 568.51 100千万米 100千万米 56.00 1191.77 1140.97 115.41 112.15,1764 1104.88 593.44.81 40.05 384.56 6523.24 10.34 50 6437.24 10.34 55 55 535.20 137.51 55.94 65.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 12.14 11 11 11.175,1764 110.77 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 55.71 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11.11 11		21-23	土方运播200M	100以为米	67.30	426.98	28735.75	122.63	\$253.00			304.35	20482.76		10.90	_ I
S3-1-57         獲練路着         100平方米         96.00         31.66         3039.36         16.09         15.41.64         15.57         14.84.72         1.43.1           S3-3-28         漫画放毛         100平方米         90.00         130.61         1037.80         76.51         685.50         10.01         900.90         33.01         00         55.74         5         47.54         5.00         13.01         10.01         900.90         33.01         64.4         5         5         53.24         33.01         35.01         5.01         50.01         50.01         5.01         5.01         5.01         5.01         5.01         5.01         5.01         5.01         5.01         5.01         5.01         5.01         5.01         5.01         5.01         5.01         5.01         5.01         5.01         5.01         5.01         5.01         5.01         5.01         5.01         5.01         5.01         5.01         5.01         5.01         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1	2	3-1-24	WØ	*公公001	67.30	74.81	5034.71	21.44	1442.91			53.37	3591.80		1.91	
<ul> <li>6 S3-3-38</li></ul>	F	3-1-57		100年左米	8.8	31.66	3039.36	• 1	1544.64			15.57	1494.72		1.43	
(3:33-68)         C300種族主要面34CM         100平方米         90.0         599.265         457.56         497.46         2005.20         2015.0.16         46.77         42           S:3-3-69         C3016 能士要面34CM         100平方米         90.00         389.12         3502.05         37.26         3353.40         334.32         30088.80         17.54         1576.40         1790.70         1.59         1           E M1105         200 (能能主要面3420M         100平方米         96.00         76.97         7389.12         5.535.40         334.32         30088.80         17.54         1576.60         1790.70         1.59         1         1         1         1         1         1         1         1         1         347.51         354.80         17.54         156.61         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1	v	3-3-28		100平方米	90.00	120.42	10837.80		6885.90	10.01	900.90		3051.00		6.44	
S3-3-69         C30R設土路面増2CM         100平方米         90.00         389.12         550.26         333.340         334.32         30088.80         17.54         1577.80         1757.70         1.59         1           民税1205         2CM/石周批平馬         100平方米         96.00         76.97         7389.12         6.59         63.21         6.68.16         7.17         688.32         42147.71         12.14         1           民税175,175.00         18CM/水泥防煤灰砂泥         96.00         159.17         11409.92         116.84         1121.64         104.48         92348.80         17.214         1         12.14         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1 <td>~</td> <td>3-3-68</td> <td>路面24CM</td> <td>米公子001</td> <td>8.8</td> <td>5092.65</td> <td>458338.50</td> <td>S47.56</td> <td>49280.40</td> <td>4314.49</td> <td>388304.10</td> <td>230.60</td> <td>20754.00</td> <td>210150.16</td> <td></td> <td>4204.80</td>	~	3-3-68	路面24CM	米公子001	8.8	5092.65	458338.50	S47.56	49280.40	4314.49	388304.10	230.60	20754.00	210150.16		4204.80
民航1-205         2CM石屑炭平层         100平方米         56.00         7.637         7339.12         6.59         632.64         63.21         6068.16         7.17         688.32         0.70           民航1-75,176共         18CMAK形防煤灰砂定板100平方米         56.00         2661.19         255474.24         138.52         13297.92         2347.48         22335.08         175.19         1688.2.4         2147.71         12.14         11           S2-2-24         15CML         56.00         2661.19         255474.24         138.52         13297.92         2347.48         20535.08         175.19         1688.2.4         2147.71         12.14         1         1         1         1         1         1         1         1         1         1         2347.82         13297.92         2347.48         20535.08         175.19         1688.2.6         2147.71         12.14         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1	0	3-3-69	C30流发上常用指2CM	100年七米	<u> 8</u> 0.00	389.12	35020.80		3353.40	334.32	30088.80	17.54	1578.60	· 1		_ I
民航1-175,176换 18CMが形態防線波後定は100平方米 96.00 1591.77 114409.92 116.84 11216.64 1034.88 9938.48 06 6428.24 42147.71 12.14 11 S2-2-34 15CM二液後定単石 100平方米 96.00 1191.77 114409.92 116.84 11216.64 1034.88 9938.48 06 6328.24 42147.71 12.14 11 S2-2-27 二次稳定碎石地加3CM 100平方米 96.00 232.80 23348.80 17.82 1710.72 205.73 19846.08 8.25 792.00 13342.24 0.52 1034 9 85-2-27 二次稳定碎石地加3CM 100平方米 95.00 1575 8712.60 12.92 671.84 140.18 728.36 1130.91 2342.24 0.52 155.55 69449.49 95.84 1130.91 2342.24 0.52 155.55 69449.49 95.84 1130.91 2342.24 0.52 155.55 69449.49 95.84 1130.91 2342.24 0.52 155.55 69449.49 95.84 1130.91 2342.24 0.52 155.55 69449.47 11449.55 671.84 140.18 728.36 1934.55 69449.49 95.84 1130.91 2342.24 0.52 155.55 69449.47 1130.91 2343.25 671.84 140.18 7289.36 1130.91 23679.04 1245.55 671.84 140.18 7289.36 1130.91 23679.04 155.55 69449.47 1130.91 23675.54 0.52 155.55 69449.47 1130.75 155.55 69449.47 1130.75 155.55 69449.47 1130.75 155.55 69449.47 1130.75 155.55 69449.47 1130.75 155.55 69449.47 1130.75 155.55 69449.47 1130.75 175.55 69449.47 1130.75 155.55 69449.47 1130.75 155.55 69449.47 1130.75 155.55 69449.47 1130.75 155.55 69449.47 1130.75 155.55 69449.47 1130.75 1130.75 155.55 69449.47 1130.75 1130.75 1130.75 1130.75 1130.75 155.55 6944.77 11449.55 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1130.75 1 2000 1300 1300 1300 1300000 1307 1307 130	· · · ·	L航1-205	2CM石屑拔平原	100平方米	96.00	76.97	7389.12	6.59	632.64	63.21	6068.16		688.32	_ I		1
11       S3-2-34       15CM二灭稳定碎石       100平方米       96.00       1191.77       114409.92       116.84       112.16.64       1034.88       99348.48       0.05       3844.80       66288.24       10.24       9         12       S3-2-27       二次稳定碎石塘加3CM100平方米       96.00       232.80       232.88       17.82       1710.72       206.73       19946.08       8.25       792.00       133242.24       0.52         3       建15.70       田油       100平方米       11.80       7502.53       8855.55       6949.49       95.84       1130.91       2679.04       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1	2 10 5	LN1-175.17620	18CM水泥粉煤灰稳定	100平方米	<u> </u>	2661.19	255474.24		13297.92	2347.48	225358.08	175.19	16818.24			1165.44
12       53-2-77       二次總定碎石塘加3Cm4100平方米       96.00       23-348.80       17.82       1710.72       206.73       15846.08       8.25       792.00       13242.24       0.52         3       15.700       田壩       100平方米       11.80       7502.53       885.555       59449.49       95.84       1130.91       0.524       0.52         3       15.700       田壩       平方米       52.00       157.156       17949.69       5885.55       59449.49       95.84       1130.91       2679.04         5       古       六       1200平方米       35.00       140.18       7289.356       5449.49       95.84       1130.91       2679.04         5       古       六       1200平方米       35.00       140.018       7285.356       57.84       1130.91       2679.04         5       古       六       110,450.447       12,90       13242.24       0.53       2679.04       2679.04         6       六       六       119,450.447       12,91       140.18       7289.356       5.84       17607.755       1         7       蒙里工程(合计×5%)       三       119450.447       140.18       7289.366       5.84       17607.755       1         8       泛酸直接		3-2-24	15CM二天稳定碎石	****	<del>8</del> .00	1191.77	114409.92	116.84	11216.64	1034.88	99348.48	40.05	3844.80			
(5-70<		3-2-27	二來稳定碎石增加3CM	100平方米	8.8	232.80		- I	1710.72	206.73			792.00			
6025<     戦闘性门     平方米     52.00     167.55     8712.60     12.92     671.84     7.89.36       並内段化     100平方米     35.00     4000.00     140.18     7.89.36       合计     100平方米     35.00     4000.00     140.18     7.89.36       宮証和(合计×5%)     100平方米     35.00     10000.00     140.18     7.89.36       宮証和(合计×5%)     100平方米     35.00     1134504.47     10     10       定額直接費合计     1134504.47     1254229.69     1254229.69     10     10       官     1254229.69     1254229.69     10     10     10	3 22	15-70	田藤	米火山001	11.80	7502.53		1521.16	17949.69	5885.55			1130.91		-	
站内粂化 100平方米 35.00 4000.00 140000.00 14000.00 14000.00 14000.00 14000.00 14000.00 140 1104504.47 15505.0233 2525.233 2525.233 2525.233 25数直接費合计 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 11254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 12554229.69 125554229 125554229.69 125554229	4	<b>×5025</b>	(铁硼栏门	平方米	\$2.00	167.55	8712.60		671.84	140.18	7289.36			2679.0	_	
合计 字是工程(合计×5%) 1194504.47 1194504.47 1194504.47 1194504.47 1194504.47 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.59 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254259.69 11254259.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69 11254229.69	54	10	站内绿化	100平方米	35.00	4000.00										
零星工程(合计×5%) 59725.223 59725.223 定級直接換合け に記述254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 1254229.69 125 125 125 125 125 125 125 125 125 125	Ŷ		숨计				1194504.47							352155.0	~	
定級直接費合计 1254229.69 1254229.69 1254259.69 1254259.69 1254259.69 1254259.69 1254259.69 1254259.69 1254259.69 1254259.69 1254259.69 1254259.69 1254259.69 1254259.69 1254259.69 1254259.69 1254259.69 1254259.69 1254259.69 1254259.69 1254259.69 1254259.69 1254529.69 1254529.69 1254529.69 1254529.69 1254529.69 1254529.69 1254529.69 1254529.69 1254529.69 1254529.69 1254529.69 1254529.69 1254529.69 1254529.69 1254529.69 1254529.69 1254529.69 1255559.69 12555569 125555569 12555569 125555569 12555569 125555569 125555569 125555569 125555569 125555569 125555569 125555569 125555569 125555569 125555569 125555569 125555569 125555569 125555569 125555569 125555569 125555569 125555569 125555569 125555569 125555569 1255555569 125555569 125555569 125555569 125555569 1255555569 1255555559 125555555555555555555555555	2		4里工程(合计×5%)				59725.223							17607.75	5	
	<b>60</b>		定認直接費合计				1254229.69							369762.8		
																_
					-†											
			-													

-

8

()

÷

•

Ĩ

### ESTIMATED TOTAL QUANTITY

### SHANGHAI PUDONG INTERNATIONAL AIRPORT PROJECT (FUEL STORAGE SYSTEM)

.

S	
PLOT PLA	
9	
K.	
3	
9	
$\leq$	
5	
DEPOT	
ल्ल	
3	
ě.	
<u>e</u>	
ŝ	
1	
FUEL SUPPL	
<u>.</u>	

FUELS	FUEL SUPPLY DEPOT ( PLOT PLAN )	UNIT	UNIT : RMB YUAN
Ŋ.	ITEM	FORMULA	COST
ε	DIRECT EXPENSE		1254229.69
8	OTHER DIRECT EXPENSE	(1)×4.87%	61080.99
6	SUB-TOTAL OF DIRECT EXPENSE	(1)+(2)	1315310.68
€	COMBINED INDIRECT EXPENCE	%67.× (2)	103909.54
ଚ	TOTAL	(3)+(4)	1419220.22
ତ	PROFIT	(5) × 5%	70961.01
e	DUTIAL EXPENCE	(3) × 3%	39459.32
8	COMPENSATION FOR MATERIAL		369762.84
6	TOTAL	(2)+(0)+(1)+(8)	1899403.39
( <u>9</u>	OTHER EXPENSE		6881.99
	ESTABLISHMENT CHARGE OF NORM COMPILATION	(3) × 0.05%	1183.78
	ENGINEERING QUALITY SUPERVISION COST	(9) × 0.15%	2849.11
	MANAGEMENT COST	(9) × 0.15% *	2849.11
(11)	TAX AND DUTTES	((0)+(10)) × 3.41%	65004.33
( <u>7</u>	CONSTRUCTION COST	(8)+(10)+(11)	1971289.71
}			

.

,

**ESTIMATION FOR CONSTRUCTION COST OF EQUIPMENT FACILITIES** 

SHANGHAI PUDONG INTERNATIONAL AIRPORT PROJECT FUEL SUPPLY SYSTEM Fuel Supply Depot-Servicer & Refueler Parking (Water Supply and Fire Fighting)

9914.48 1685.55 461.98 106.25 [(N)+(O)+(P)+(Q)]X3.41% (R) + (O) + (A) + (O) + (R)MECHANICAL COST SUMX 116% (D) + (E) +...+ (E) + (M) MATERIAL COST SUM × 80% (B) +11.83×2.5 (B) ∻11.83×2.4 (D) X 0.5% %08IX(a) (N) X 1.5% (N) X1.5% (B) × 6 5 % (B) X23% (A) + (C) (D) × 3 % (L) X3% ESTABLISHMENT CHARGE OF NORM COMPILATION SUBSIDY FOR CHANGE OF CONSTRUCTION SITE ENGINEERING QUALITY SUPERVISION COST ADJUSTMENT FOR EXPENSE OF LABOUR EQUIPMENT TRANSPORTION COST SUB-TOTAL OF DIRECT EXPENSE COMBINED INDIRECT EXPENSE NORMINAL DIRECT EXPENSE OTHER DIRECT EXPENSE CONSTRUCTION COST MANAGEMENT COST EXPENSE OF LABOR MECHANICAL AGIO TAX AND DUTIES EQUIPMENT COST NITIAL EXPENSE MATERIAL AGIO PROFIT COTAL <u>م</u> ર્સ ઝ ਰ ਘ ਘ ਹ ਸ ਜ - ่ ะ ิส์ ź źó Ó ∢ ต์ ບ໌

4791.80 143.75 93.72 97.63 1275.87 17.78 1970.00 9581.50 301.84 300.28 14.37 \$31.56 59.10 14.37 2.40

-658-

:

)

2	
暴	

3

0

.

TABLE OF COST ESTIMATES FOR EQUIPMENT INSTALLATION ENGINEERING

Shanghai Pudong International Airport Project Fuel Supply System Fuel Supply Depot --- Servicer & Refueler Parking (Water Supply and Fire Fighting)

ー ** ** ** **	机械致	中价         中价         合价         单价         合价         单价         合         中		0.00 [137.79   413.37   54.91   164.73   77.85   233.55   5.03   15.09   铰碎管   米   30.00   17.00	0.63	20.00 4.14 0.41 3.51 0.35 0.63 0.06	3.47 49.04 21.18 6.35 142.29	50.00 72.14 7.21 14.79 1.48 57.35 5.74 5.74	00 94.00 108.24 21.65 362.74	300.00   1780.51   356.10   87.54   17.51   1692.97   338.59	500.00 855.71 171.14 58.44 11.69 797.27 159.45	3.47 16.35 21.18	0.00 238.93 955.72 57.25 229.00 181.68 726.72 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1970.00 2071.95 461.98 1594.84 15.33	103.60									
没备资 (	单合			0:00	100.00 20	200.00	500.00	500.00	3000.00	1500.00 3(		1500.00		 51										
¥ —		며 		3	7	0.1	0.3	0.1	0.2	0.2	0.2	0.1	4					 			_			
8		ġ		10米	¢	水 <u>0</u> 1	く 2 1	10个	10组	10/1	10.纸	1041	¥ 21									_	<b> </b>	
	设备及安核工程名称		治年库	皖祥纲管	截比阀	水龙头	ほ気	家市口	<b>\$\$</b> \$\cdot \cdot	拉共小银斗	洗函纸		排水铸铁管	合 计:	案星工程势:									
资		復		24-32	24-20	24-87	24-103	24-104	24-88	24-93	24-71	24-102	24-37							ļ				
		ц.			~	m	4	5	Q	~	03	\$	0			1	1	1	1	1				

ESTIMATION FOR CONSTRUCTION COST OF EQUIPMENT FACILITIES

SHANGHAI PUDONG INTERNATIONAL AIRPORT PROJECT FUEL SUPPLY SYSTEM FUEL SUPPLY DEPOT-OUTDOOR WATER SUPPLY AND DRAINAGE

EXPENSE OF LABOR		16779
OTHER DIRECT EXPENSE	(B) X 2 3 %	3859
SUB-TOTAL OF DIRECT EXPENSE	(A) + (C)	515611
COMBINED INDIRECT EXPENSE	(B) X 1 8 0 %	30202
PROFIT	(B) × 6 5 %	10906
INITIAL EXPENSE	(D) × 3 %	3586
ADJUSTMENT FOR EXPENSE OF LABOUR	(B) ÷11.83×2.4	3404
SUBSIDY FOR CHANGE OF CONSTRUCTION SITE	(B) ÷11.83×2.5	3546
MATERIAL AGIO	Material Cost SUM × 80%	74261
MECHANICAL AGIO	Mechanical Cost SUM × 116%	2171
EQUIPMENT COST		6500
EQUIPMENT TRANSPORTION COST	(L) × 3%	195
TOTAL	$(D) + (E) + \dots + (L) + (M)$	254291
ESTABLISHMENT CHARGE OF NORM COMPILATION	(D) X 0.5%	8
ENGINEERING QUALITY SUPERVISION COST	(N) X1.5%	. 381
MANAGEMENT COST	(N) × 1 · 5 %	381
TAX AND DUTIES	[ (N) + (0) + (P) + (Q) ] X3.41%	1108
CONSTRUCTION COST	(N) + (O) + (B) + (Q) + (R)	26312

9

۰.

.

-660-

Į

.

### TABLE OF COST ESTIMATES FOR EQUIPMENT INSTALLATION ENGINEERING

### Shanghai Pudong International Airport Project Fuel Supply System

	h	F		Г												Γ
Name of equipment	<u> </u>	Amount	Cost for equit	-	Cost for install	tallation(RMB yen )				Among				Not including material	ng material	
Installation engineering			Price	Tatal cost	Price	Tatal cost	Labor fee(RMB yen)	RMB yen)	Material for	Material (se(KMB yen)	Machine for(RMB yen)	MB yen)	Name	Unit Totle	Price	Tatal cost
~			-				Price	Tatal cost	Price	Tatal cost	Price	Talal cost		Amount	~_	
宝外给排水消防部分:														-		
Galvanized steel pipe	10m	6.0			246.01	1476.06	121.77	730.62	89.17	535	35.07	210				
Cast iron pipe for water supply Dg30	10m {	6.5			246.01	1599.07	121.77	15.167	89.17	580	35.07	228				
Cast iron pipe for water supply Dg100	10m	9.0			246.01	2214.09	121.77	1095.93	89.17	803	35.07	316			• •	
Cast iron pipe for water supply Dg200	10m	1.5			246.01	369.02	121.77	182.66	89.17	134	35.07	53				
ferroconcrete pipe for drainage Dg300	1 ôm	0.02 20.0			246.01	4920.20	121.77	2435.40	89.17	1783	35.07	201				
ferroconcrete pipe for drainage Dg400	10m	10.0			246.01	2460.10	121.77	1217.70	89.17	892	35.07	351				
Gate valve Dg25	ĊB.	0.1	200.00	200.00	128.05	128.05	74.02	74.02	8.47	8.47	45.56	45.56				
Gate valve Dg80	Ċ9	5.0 1	100.00	500.00	430	21.50	3.55	17.75	0.63	3.15	0.12	0.60				
Fire hydrant SS100	žž	2.0	1500.00	3000.00		245.08	15.54	31.08	107.00	214.00		0.00				
S5-3-1 [Well for water supply Dg1000	•	5.0	0.00	0.00		8100.00	327.65	1638.25	1292.59	6462.95		0.00				
SS-3-1 [Weil for water supply Dg1200		50	0.00	0.00		8100.00		1638.25	1292.59	6462.95		0.00				
Well for water supply Dg1200		<u>5</u> 0	0.00	0.00		8100.00	327.65	1633.25	1292.59	6462.95		00.0				
S5-3-1 [Drainage well Dg1000	ž	9.0	0.00	00.0	1620.00	14580.00	327.65	2948.85	1292.59	11633.31		0.00				
S5-3-1 Well for water indicator	Ł	50	500.00	1000.000			412.26	824.52	3393.80	6787.60	133.01	266.02				
S5-3-1 Storm water inlet	set	7.0			7137.36	49961.52	216.33	1514.31	4500.00	31500.00		0.00				
Water indicator LXL type	cā.	1.0	800	800												
Water indicator LXL type	CA.	1.0	1000	1000												
		~														
							2762.92								-	
										-	-				ļ	
			00.0	6500.00		110152.34	~~ -	16779.09		14261.39		2170.89				
						\$507.62									_	
	÷															
						115659.96			 							
					~											
									_	-					 -	

**A** 

.

.

**ESTIMATION FOR CONSTRUCTION COST OF EQUIPMENT FACILITIES** 

SHANGHAI PUDONG INTERNATIONAL AIRPORT PROJECT FUEL SUPPLY SYSTEM Fuel Supply Depot-Office Building (Water Supply and Fire Fighting)

EXPENSE OF LABOR OTHER DIRECT EXPENSE		24735.54
TER DIRECT EXPENSE		2713.35
	(B) × 2 2 %	624.07
OCU-LOLAT OF DIRECT EXPENSE		25359 61
COMBINED INDIRECT EXPENSE		28.84.03
PROFIT		1763.68
INITIAL EXPENSE		760.79
ADJUSTMENT FOR EXPENSE OF LABOUR	(B) ÷ 1 1.8 3 × 2.4	550.47
ANGE OF CONSTRUCTION SITE	(B) + 11.83×2.5	573.40
	MATERIAL COST SUM × 80%	7822.15
0	MECHANICAL COST SUM × 116%	368.25
EQUIPMENT COST	-	19770.00
EQUIPMENT TRANSPORTION COST	(L) × 3%	593.10
	$(D) + (E) + \dots + (L) + (M)$	62445.48
ESTABLISHMENT CHARGE OF NORM COMPILATION	(D) X0.5%	17.68
ENGINEERING QUALITY SUPERVISION COST		27.67
MANAGEMENT COST		10.21
_		
	(x)+(0)+(b)+(d)]×3.4.1%	107/061
CONSTRUCTION COST (N) +	(N) + (O) + (P) + (Q) + (R)	64612.56
•	-	

**(**)

Ð

S.

:

TABLE OF COST ESTIMATES FOR EQUIPMENT INSTALLATION ENGINEERING

Shanghai Pudong International Airport Project Fuel Supply System Fuel Supply Depot ---Office Building (Water Supply and Fire Fighting)

		ន			4505.00	2032.55										4750.00	11287.55		7043			T		-	3 <b>4 3</b> 7.1
R	4 9 9	5	-	-	17.00	7.67		Ī		-						50.00						Γ			
#	ہ پارچ				265.00	265										95.00									
	147 P	4 }			*	×.										*									
ţ;	¢	¢			数件管	燈袋										将大称负付									
	Į.	34	12 21		133.30	182.24	1.92										317.46								
ŧ.	- 43	1 W W	+ 20 +	-	5.03	45.56	0.12																		
	(主)	Т	12.0L		2063.03	33.88	10.08	0.38	2903.88	170.75	34.41	326.47	1523.67	956.72	28.46	1725.96	 9777.68								
	<u> </u>	11111 M (A)	47DL		77.85	8.47	. 0.63	0.63	483.98	142.29	57.35	362.74	1692.97	72.767	142.29	181.68									
:		( <u>7</u> ()	5. DL		1455.12	296.08	56.80	2.11	74.52	25.42	8.87	97.42	78.79	70.13	4.24	543.88	2713.35		•						
Ħ	-	. <b>F</b>	1.0.4		54.91	74.02	3.55	3.51	12.42	21.18	14.79	108.24	87.54	58.44	21.18	57.25									
(光)	\$			-	3651.44	512.20	68.80	2.48	2978.40	196.16	43.28	423.00	1602.46	1026.85	32.69	2269.84	12807.61	640.38							
会数数	田 (今日)			}	137.79	128.05	4.30	4.14	496.40	163.47	72.14	470.00	1780.51	855.71	163.47	238.93									
(光)	\$ \$	5	-		0.00	800.00	1600.00	120.00	9000006	600.00	300.00	2700.00	1350.00	3000.00	300.00	0.00	 19770.00								
<b>安公</b> 想		 5 }			00.00	200.00	100.001	200.00	1500.00	500.00	500.00	3000.000	1500.00	2500.00	1500.00					 					
数		ţ			26.5	4	16	0.6	6	1.2	0.6	0.9	60.	1.2	0.2	9.5			_	 	 				
क्ष		Ę	a a		10米	¢	4	10个	茶	10个	10个	10纸	10组	10组	1041	10米				-					
	<b>沙久及会然丁投久狭</b>			办公校	键铁钢管		一截止阀	水 沈 头	室内消火松	「地類	24-104   治打口	<b>茻式大便器</b>	秩式小便斗	沃西汶		排水体软管	습 :::	李星工程势:					-	-	
词 设	: !	đ			24-32	24-19	24-20	24-87	24-54	24-103	24-104	24-88	24-93	24-71	24-102	24-37							 		
à		¢	-			2	ŝ	4	S	\$	~	8	ہ	2	11	2				 					

Ø

.

ESTIMATION CONSTRUCTION COST OF EQUIPMENT FACILITIES

SHANGHAI PUDONG INTERNATIONAL AIRPORT PROJECT FUEL SUPPLY SYSTEM FUEL SUPPLY DEPOT

		' T		码位 kg 0.04 29.80 1	20.03 0.03	m ² 1.48	kg 1.80	1.00	发格瓦块 米 1.03 350.0 [36]	螺纹阀门DN20   ←   2.02   250.0		木过滤器DN20 个 1.01   50.0   51	↑ 2.02															
Ð	杜娥奴 (光)	<b>单价 合价</b>	4.73 620					21.62		4.57 251							 						 : 					
	<b>材料数 (元)</b>	中 아 소 아	12.46 1.632					136.60 2,322	9.73 642								 						 					
Ħ	× (王)	\$\$ ₽	1.660					274	3,611	1,092							 											
(市)	へ、 合	1	3,912 12.67					2,964 16.11	4,253 54.71	4,047 19.85							 									 		
( 4.42 m)			29.86					174.33	64.44								 						 					
(市) 称公式	<u>_</u>									3000 165,000							 					-						
宗		闼	131					17	<b>66</b>								 						 					
Ŵ	 }	হা	ΚW					4	Ŵ	\$																		•
SUPPLY DEPOT	设备及变数工程名称		经遗水系统配备	1				法性通じ	[24-119]曾道保温DN133以内	风机盘管暗较			•															
版 的EL	¥ ¥	ф 57	23-46					24-58			-		 				 						 -					
ž		ġr					<u> </u>	5	ŝ	4	ŝ	Ŷ	~	.66	4-	L	L.	<b></b>	<u> </u>		<b> </b>			L	<u> </u>		L	ļ

8

A TION RECOMBINATION CONSTRUCTION COST OF EQUIPENT INSTAL

S)

SHANGHAI PUDONG INTERNATIONAL AIRPORT FUEL SUPPLY SYSTEM FUEL SUPPLY DEPOT (AIR-CONDITION)

i

18,542	6,636	1,526	20,068	11,945	4,313	602	1,346	1,402	6,123	17,607	165,000	4,950	233,367	10	350	350	7,350	241,427
		(2) × 2 3 %	(1) + (3)	(2) × 1 8 0 %	(2) × 6 5 %	(4) × 3%	(2) ÷11.83×2.4	(2) ÷11.83×2.5	Material Cost SUM × 8 4 %	Mechanical Cost SUM × 116%		(12) × 3 % ·	(4) + (5) +···+ (12) + (13)	(4) × 0.5%	(14) X1.5%	(14) X 1.5%	[[(14)+(15)+(16)+(17)]×3.41%	(14) + (15) + (16) + (17) + (18)
Norminal Direct Expense	Expense of Labor	Other Direct Construction Cost	Sub-Total of Direct Expense	Combined Indirect Expense	Profit	Initial expense	Adjustment for Expense for Labor	Subsidy for Change of Constrction Site	Material Agio	Mechanical Agio	Equipment cost	Equipment Transportion Cost	Total	Establishment Charge of Norm Compilation -	Engineering Quality Supervision Cost	Management Cost	Tax and Duties	Construction Cost
() ()	3	о Э	(+)	(3)	()	6	8	6)	61	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)

ESTIMATION CONSTRUCTION COST OF EQUIPMENT FACILITIMES

SILANGILM PUDONG INTERNATIONL ARPORT (FUEL SUPPLY SYSTEM)

	PROJI	CT NAM	PROJECT NAMEROWER SUPPLY AND INSTRUMENT (FUELSUPPLY DEPOT)	US LEU	PLY DEF	vor)									
						Equipment Costs	-	Installation Work Costs	Vork Costs		Including (in	Including (in Installation Work Costs)	Vork Costs)		
	CZ	Morm	Description of Works	Unit	ŝ					Expense of Labor	of Labor	Material expense	cxpcnse	Mechanical expense	cxpcnsc
		Code				Unit VALIES	Total Value	Unit VALATE	Total Value	Unit VALUIE	luc	Unit VALUE:	Unit VALUE Total Value	5	Total Value
	-		Plaw meter				0	0	0		0		0	1	â
/涂 ** "	;	10-199	Type turbire meter 6"	Š	1	S4.100	54,100	105.21	105	84.47	84	3.41	3	17.33	- 17
3	2	10-199	Type turbire meter 4"	Set	2	45.680	91.360	105.21	210	84.47	169	3.41	7	17.33	35
~\$	4	10-199	Standard flow meter • .6"	Set	-	\$5,100	85,100	105.21	105	84.47	84	3.41	3	17.33	17
	s.	10-187	Bourdon pressure gauge Y-100 0-1 6Pa	Set	6	250	1,500	8.65	· 52	~261S	36	1.79	11	0.94	6
	و	10-485	Nedde valve M20" 1.5 GI/2" PN 1.6Mp	Set	9	250	1,500	22.75	137	12.54	75	4.34	26	S.87	35
	~		Control cable PVC/SWAPVC.0.5KV 2+2.5	кя	0.07	3,650	256	0	0		0		0		0
	8		PVCSWAPVC-0.5KV 2-1.5	Кa	0.1	2,960	296	0	0		0	; - 1	0		0
	0		Power cable				0	0	0		0		0		0
	10		PVCSWAPVCIKY 3"6+1"4	К,	0.67	15.100	10,117	0	0		0		0.		•
-64	11		Sleeve Pipe	Χg	100	S	5,500	. 0	0	-	0		0		0
66-	12	2-1036	Explosion-proof control station	IdSci	0.2	1,500	300	18.57	4	9.82	2	8.75	2		0
	13	22-151	Grounding conductor copper 40*4	10m	35	36	1,244	30.1	1.054	16.44	575	9.22	323	4.44	155
	14	22-140	Earth electrode	<b>k</b> ct	ន	200	10,594	148.53	7.872	92.75	4,916	5.13	272	50.65	2,684
 .×	15	22-137	Lightning protection copper O8	8	ន	36	1,884	43.23	2,291	27.71	1,469	7.45	395	8.07	428
**	91	2-438	Power distribution board	Ķ	7	200,000	400.000	80.47	161	43.77	88	12.97	26	23.73	47
- 	17		Plucescent fitting 2*40W	Set	201	1.50	30.150	103.76	20,856	40.81	8,203	62.95	12,653		0
	<u>×</u>	3-8-	Street lighting 4*40W II=5.5m	Ş	12	4.000	48,000	383.38	4,601	217.22	2.607	141.36	1.696	24.8	298
	2	х Ц	Physical light 4*100W II=15m	ÿ	1	60.000	120.000	212.68	425	106.34	213	56.33	113	50.01	100
	ย		2-fiange receptacle	Set	28	20	2.100	0	0		0		0		0
	5		Flush mounted switch 250V,10A	ŝ	41	21	615	0	0		0		0		0
	ß		Wire cable PVC/SWAPVC.0.5KV 2.5	5	1.15	1.040	1.196	0	0		0		0		0
	ຄ		PVC/SWAPVC-0.5KV 4	К'n	1.1	1.300	1,430	0	0		0		0		0
	2	10-324	Distribution board	Set	1	2,500	2,500	66.44	66	41.88	42	5.66	6	18.9	19
	22														
	26														
	27														
	ន							••••••							
	ຄ						0	0	0		0		0		0
	õ		TUTAL				869,742		37,939		18.562		15.535		3,842

0

Ø

Ş

# ESTIMATION CONSTRUCTION COST OF EQUIPMENT FACILITIMES

..

SHANGHAI PUDONG INTERNATIONL AIRPORT (FUEL SUPPLY SYSTEM)

	PROJECT NAME POWER SUPPLY AND INSTRUMENT (FUELSUPPLY DEPOT)	POT)	
۷	NORMINAL DIRECT EXPENSE	11	37,939
Ŕ	EXPENSE OF LABOR	0.0	18,562
υ	OTHER DIRECT EXPENSE	Bx23%	4,269
۵	SUB-TOTAL OF DIRECT EXPENSE	A+C	42,208
ຝ	COMBINED INDIRECT EXPENSE	Bx180%	33,411
Ŀ,	PROFIT	Bx65%	12.065
υ	INTELAL EXPENSE	Dx3%	1,266
н	ADJUSTMENT FOR EXPENSE OF LABOUR	B/11.83x2.4	3,766
	SUBSIDY FOR CHANGE OF CONSTRUCTION SITE	B/11.83x2.5	3,923
_	MATERIAL AGIO	MATERIAL COST SUM × 66%	10,253
к	MECHANICAL AGIO	MECHANICAL COST SUM x 97%	3.726
r 	EQUIPMENT COST		869,742
W	EQUIPMENT TRANSPORTION COST	1x3%	26.092
Z	TOTAL	D+E+F+G+H+I+J+K+L+M	1,006,453
0	ESTABLISHMENT CHARGE OF NORM COMPLIATION	Dx0.5%	21
۵.	ENGINEERING OUALITY SUPERVISION COST	Nx1.5%	1.510
0	MANAGEMENT COST	Nx1.5%	1.510
R	TAX AND DUTTES	(N+0+P+Q)3.41%	34,424
s	CONSTRUCTION COST	N+O+P+O+R	1,043,918

ł

**B** 

议  $\langle \cdot \rangle$ 毖 *4*< ЗĮĮ jα る 元 笂 中国民航机场建设总公 设计总负责人 祾 专业负责人 臣 4459975 一九九六年十二月 国民航机场规划设计 狡 生 值 ЯĮ 上海浦东国际机场 航空加油站 漢 ** ** ** 熨 ₽ 影く 弬 设计部总工程师 毛毛 国 项 獵

1

8

<u>s</u>

ESTIMATED TOTAL QUANTITY

I

SHANGHAI PUDONG INTERNATIONAL AIRPORT PROJECT FUEL SUPPLY SYSTEM

FUEL SI	FUEL SUPPLY DEPOT OFFICE BUILDING (BUILDING	WORKS)	UNIT : RMB YUAN
ÖN	ITEM	FORMULA	соят
ε	DIRECT EXPENSE ( BUILDING WORKS)		1,418,872
જે	OUT-OF-POCKET EXPENSE (BUILDING WORKS)	(1)×5%	70,944
ê	OTHER DIRECT EXPENSE (BUILDING WORKS )	((1)+(2))×3.5%	52,144
(7)	SUB-TOTAL OF DIRECT EXPENSE	(1)+(2)+(3)	1,541,959
છ	COMBINED INDIRECT EXPENSE	((1)+(2)+(3))×12%	185,035
(9)	TOTAL (BUILDING WORKS)	(1)+(2)+(2)	1,726.994
ε	PROFIT	⟨¢⟩×9%	155,429
3	INITIAL EXPENSE	%E×(t)	46,259
S	ADJUSTMENT EXPENSE OF LABOR	LABOR-DAY × 2.4	33,600
(01) (01)	SUBSIDY FOR CHARGE OF CONSTRUCTION SITE LA	LABOR-DAY x 2.5	35,000
Ê	COMPENSATION FOR MAIN MATERIAL	TOTAL CONTRACT PRICE FOR MAIN MATERIAL -TOTAL BUDGETARY PRICE FOR MAIN MATERIAL	495,846
(12)	COMPENSATION FOR MACHINE-TEAM	TOTAL BUDGETARY PRICE (96) -TOTAL BUDGETARY PRICE (93)	30,159
(:)	COMPENSATION FOR MINOR MATERIAL	MATERIAL EXPENSE FOR BUILDING WORKS 1.18%+FOR HOISTING $\times$ 4.81%+ FOR PILING $\times$ 17.25%	13,479
(14)	TOTAL	(6)+(7)+(8)+(9)+(10)+(11)+(12)+(13)	2,536,766
(15)	OTHER EXPENSE	(4)×0.5‰+(14)×3‰	8,381
(91)	TAX AND DUTIES	((14)+(12))×3.41%	86.790
(11)	CONSTRUCTION COST	(14)+(15)+(16)	2,631,937

Ŷ

0

. .

Ĵ,

(CONTRACT)

8

.

強	名 私	工程量	书位	华价	令令	λτ <del>μ</del>	<b>처</b> 전	主材差	20
			出 記	社転工税					
1041	网轮换立基础建设LSm以内C20	254.9700 立米	立米	125,9400	108,602	1,670.92	10 085 11	63.270.14	
1166	钢砼基础做现论的设格础类C20	米石 0011.99	大 大	2022 255	36,860	342.34	31,161,61	18,549.01	1
	· · · ·		<b>-</b>		1 45,462	2,013.26	108, 751.53	81,819.17	
			柱	柱梁工程					
2007	I现该钢砼在(矩形)用长1.8m以内C20	+五0200五米	¥ 村	702.6200	100,439	1.147.88	82.205.04	47,811.73	
2020	现品研發業(短形)C30	米石10050-631	₩¥	615.8100	116,407	11.731,1	95.981.871	57,426.54	
	小许	• ••	•••		216,896	2,334,99	178,186.91	105,238.27	1
		-	붶	描史工程					
3012	框架外墙标准砖1砖	*本1.9300年*	¥	43.5200	42,298	953.66	29,004.99	17,925.40	
3038	恒架内地标准码1砖	1.521.3500年米	十米	41.3200	104,182	1-282.1	HS.CIC.18	43,307.46	
2005	标准码外域1环	米中 002900 年米	1 1 1 1	62.6000	10,681	190.17	7,986.72	4,821.53	
3103	俗詞回聲反制水聲石间聲音口	[e;]0000'81		158.2300	2,848	56.21	2,009.70	3,639.05	
3117	快皮水落管45cm	米头亚[0009:19	<b>洋大米</b>	14.3200		11.22	123.37	1,266.43	
3126	女儿编诗铁出水驾管 \$100	√000001		39.5200	395	3.27	358.10		
3134	朝舌双转外脚手架高12m内	1,704.9700 平米	米米	4.4500	1.92.7	148.16	5.421.80	2,093.36	
3152	键管据发码手架离3.61-5.80m	2,302,9000 平米	₩ *	2.2200	5.112	287.17	1,750.20	669.68	
	<u>ላት</u>				173,985	3,237.30	129,288,42	73,722,91	
			极、地	、屋面工程	•				
4096	<b>块构面压花岗岩水瓷砂浆结合</b> 层	135.0700 平米	**	402.5600	54,374	96.12	53,110.87	-6,917.30	ĺ
4001	平整场地	770.1200 平米	平米	4.2900	3,304	118.29	1,940.70	1,287.95	
4002	室内回埃土室内外革整45cm内	770.1200 平米	₩ *	1.8-100	1,417	129.61			
6007	快速试验增浓 Iom F	770.1200 平米	米米	0.8900	685	6.85	592.99	410.70	
4011	<b>禁层役(1cm厚)C15</b>	762.5200 平米	<b>末米</b>	1.4300	1,129	52.9	1,006.53	26.412	
4020	地面防護层的滑巷材二战三油	84.9600 平米	平 米	10.1900	866	5.74	85'181	516.31	
4111	现论钥砼有采板板厚10cmC30	2.351.7000 平米	*	61.1600	143,830	1,751.31	114,457.24	67,541.76	
4283	敬敬水CIS	米本 0066 801	¥ 本	26.7900	2,920	36.75	2,458.81	1.721 99	
\$\$5-252	多彩途科天佛抹灭面	1,884.5800 平米	下米	11.5850	21,833	166.60	19,221.96	855.79	
4325	轻锦龙骨天惚绒面石着极不上人	418.3200	₩ <del>*</del>	44.2800	18,523	148.09	16,603.12	1,125.28	
4098	<b>秋料面层回质地砕水泥砂浆结合</b> В	2,239,7700	**	60.8500	142,375	928.65	129.880.63	137,054.60	·
4291	地面段合於C20層光抗政治面	27.1200 4 *	**	779.2000	21,132	56.34	20,349.76	-1,715.14	
And A	19 11 12 12 12 12 12 12 12 12 12 12 12 12								

·

.

ц Ц	5 内 行 行	工程量 一单位	いすの	\$ \$	- 二茶	这世纪	土村芝 各江	
1060	应置取獲成三代乙戌十名破敗1mm可	29.6200 ^{pp}	3.1.0700	23,606	42.40	28,026.52	799.15	
1003	、 軟原道器業(cm 算	₩ m  0085.trt,1	0.8900	1,285	12.85 <mark>1</mark>	ריבוויו	20.29	1
4262	医望望为胜祸,长井祠岳故	* H 000 H *	241.0400	1,271	21.23	\$00°	61762	r
4239	现法规公司休共投码C20回原档识组	米中10097.9r1	229,0600	33,548	624.42	24,549.67	10°001 H	
1231	<b>家站下非大校</b> 卅	47.2000	116.7800	5.512	36.95	5.000.84	1.199.89	- 1
	- 子 注 子		-	489,603;	4,319,45	425.254.40	230.640.92	-· T
			门窗工程					·· 1
5103	<b>銀白色铭合金留拾</b> 拉	327.0000 中米	236:9500	97,281	248.03	93,071.16	••	'r
50-10	凝末燕目來檢行	108.4800 甲米	152.3100	25,001	209.27	23,075.02	644.28j	r
507	值也被预望火藏石	关中 00.67.08	35.2700	2,847	21.14	1,751.84	805.48	
5104	一般白色铝合金银圈穴	米井 0010 65	178.9900	10,568	24.86	10,055.10		,
5105	黨自會對心全國共并	米中 0001.63	251.7100	20,917	63.16	19,846.77		
5000	我自由的合成全级建筑建立成数	米中10091.51.	379.6900	5,984	16.39	5,726.24		7
2605	「「「「「」」「」」	1.0000	124.4500	. 124	J. 0.44	118.99		
	14th			163.282	653.29	159,645,12	1,449.76	
			装饰工程					·
6044	花瓷母(単分)水泥砂茶120=150諸国	米井 0050 655	27.4800	14,821	212.45	12,054.47	26.732.61	7
6148	多影像戽墙,铁圈状灰笛	关于129.8800年米	• 11.1700	64,003	422.29	57,126.90	2.601.94	
6049	无强直段(其份)水说砂浆95-45墙面	1,244,0500 74	64.7300	80,527	738.09	70,985.49	2,265.04	1
<b>获2-147</b>	福面墙岩路窗(木芯骨光夹板蔽形)五夹板	61:9200 月米	7028.60	3,953	34.64	3,515.01	655.60	
	テキ		. 	163,304	1,407.47	143.081.87	32,255.19	
		見扱、	<b>另短、</b> 你道瑟些 相	王程				i
7138	「記次大流や泉地	37.7800 XX	103.5300	1166	34.49	3,451.96	877.65	
	<u>ት</u> ቲ			116,£	34.49	3,451.96	877.65	
-	6t			1,356,543	14,000.25	1,142,260.21	526,003.88	7
			土方机械进出场势					
	限带式电动挖土机(盔斗挖土机)	1.0000 14 14	259.0000	859				1
	今年			829			• • •	T
			土方及泥浆外运					1
	土力运费(潮东及浦西内环战外)	2,049,0000 立米	30.0000	61.470			-	<u> </u>
	T T	-		ULF IN			<u></u>	

.

3

.

-

ġ

.

.

.

## **ESTIMATED TOTAL QUANTITY**

SHANGHAI PUDONG INTERNATIONAL AIRPORT PROJECT FUEL SUPPLY SYSTEM

.

:

•

UEL S	FUEL SUPPLY DEPOT SERVICER & REFUELER PARKING (BUILDING WORKS)	RKING (BUILDING WORKS)	IT: RMB YUAN
NO.	ITEM	FORMULA	COST
(1)	DIRECT EXPENSE ( BUILDING WORKS)		955,184
(2)	OUT-OF-POCKET EXPENSE (BUILDING WORKS)	(I)×5%	47,759
(3)	OTHER DIRECT EXPENSE (BUILDING WORKS)	((1)+(2))×3.5%	35,103
(4)	SUB-TOTAL OF DIRECT EXPENSE	(1)+(3)+(3)	940'800'1
છ	COMBINED INDIRECT EXPENSE	((1)+(2)+(3))×12%	124,566
ତ	TOTAL (BUILDING WORKS)	(1)+(2)+(3)+(2)	1,162,612
ε	PROFIT	. ************************************	104,635
(8)	INITIAL EXPENSE	(d)×3%	31,141
(6)	ADJUSTMENT EXPENSE OF LABOR	LABOR-DAY X2.4	26,412
(01)	SUBSIDY FOR CHARGE OF CONSTRUCTION SITE	LABOR-DAY X2.5	27,513
(11)	COMPENSATION FOR MAIN MATERIAL	TOTAL CONTRACT PRICE FOR MAIN MATERIAL -TOTAL BUDGETARY PRICE FOR MAIN MATERIAL	304,383
(12)	COMPENSATION FOR MACHINE-TEAM	TOTAL BUDGETARY PRICE (96) -TOTÁL BUDGETARY PRICE (93)	24,856
(13)	COMPENSATION FOR MINOR MATERIAL	MATERIAL EXPENSE FOR BUILDING WORKS 1.18%+FOR HOISTING ×4.81%+ FOR PILING ×17.25%	8,726
(14)	TOTAL	(6)+(7)+(8)+(9)+(10)+(11)+(12)+(12)	1,690,278
(15)	OTHER EXPENSE	(4)×0.5%+(14)×3%	5,590
(16)	TAX AND DUTIES	((14)+(15))×3.41%	57,829
3	CONSTRUCTION COST	(14)+(15)+(16)	1,753,697

-673-

.

Shanghai Pudong International Aurport Project (Fuel Supply De Services & Priviller Parking (Building Works)

-

di Şi		工行政	母行		40 合	VTX V	码科双	* 5 *	络 定
			我昭、打	J 柱 T 路					
1003	街臺總線推得无效發怒水準	165.1200 27.*	۵ <b>%</b>	139.5700	23,046	201.28	20,671.37	13,497.37	
1041	朝松独立基础性欲1.5m以内C20	米江 0000-00	2/ <del>*</del>	425.9400	38,718	\$95.70	27,661.78	22,556.60	
1027	· 有铁式保险带型基础提供1.5m以合C20	195.7800124米	¥	431.2100	84,422	833.16	68,231.29	48,978.83	
	チキ				146.186	1,630.14	116,564.44	85.032.80	
			柱弦	次工程					
2007	现此期轻在(近形)用长1.8m以内C20	36.4800 立米		702.6200	25,632	292.79	20,967.97	12,195.30	
2005	[现说朝我棋(如形)周长2.5m以为C20	54.800012.¥	*	658.8100	36,103	307.65	30,185.48	17,040.73	
2020	现长数点 第八百光入20	米元 00500 立米	法法	615.8100	118,266	1,206.07	97,515,31	58,344.00	
2122	无粮西联被协方往	米本10000716E	*	82.0700	32,089	426.74	26,658.38	1,547,93	
2113	월3.6m 傳攝3m 강 순 사 다	¥社 0040.ET	₩ ₩	18.7700	146.1	84.14	389.30	78.01	Ì
2114	超3.6m年#3m以內裝	¥71 0010.121	¥ ¥	21.8500	2,863	130.49	1,341.54	392.30	
	ホシ				216,324	2,507.88	177,057.98	90,198.27	
			頭	趨勢工程					
3012	機械外導終進於1時	米社 0098:098	₩ ₩	43.5200	37,465	844.68	26,221.80	15,876.93	
3038	有线及基条所设1段	1,785.6900平米	¥ *	41.3200	73,785	1,124.27	57,588.50	30,671.55	
3103	浴鳥回聲毀物水聲石间聲落口	2.0000	E	158.2300	316	6.25	233.30	404.34	
3116	快庆水幕堂30cm	41.2000 م次朱米	<b>风大米</b>	10.2900	424	6.15	353.50	584.65	
3126	女儿猫转快出水弯管 \$100	8.0000	4	39.5200	316	2.62	286.48		
2134	。 每 卷 及 排 外 期 予 架 通 1 2 m A	1,328.2400中米	<b>卡</b>	4.4500	116'5	115.42	4,223.80	1,630.81	
3147	· 医当用甲基子宫 and hom 以上的角	米山0090-162-1	₩ *	1.1900	2,132	122.71	376.19	373.14	
3152	每份编计算得找第3.61-5.80m	米山0009:806'1	年米	2.2200	4,237	238.00	1,450.54	555.02	
	-A-t-				124,586	2,460.10	11.402	\$0,096.44	
			<b>救</b> 、 我	屋面工程					
4001	年間這西	米山0009'805'1	年米	4.2900	8,188	293.16	4,809.67	3,191.94	
4002	室内回执土室内外离差45cm内	★由 0009'806'1	<b>卡米</b>	1.8400	3,512	321.22		~~~	
4009	全层道磁播状1cm厚	2,794.7400 年米	<b>末</b> *	0.8900	2,487	24.87	2,151.95	1,490.43	
408 L	更体面层细石论光形4cm 厚	7,648,7000年米	**	0060'11	29,374	201.78	21,533.93	01.111.21	
4083	故体面际组石农母编成1cm厚	2,648.7000 平米	**	1.8400	4,874	48.74	4,184.95	2,857.42	
4011	整成论(1cm厚)C15	¥-₩ 0064.6	<b>卒</b> 米	1.4800	14	0.12	12.45	8.83	
4071	整体面质水沉砂浆低光压实2cm	¥×± 002032	**	6.2500	428	12.91	324,60	238.87	
4098	一等其國和國國世界大國的教育全國	*# 0009 01	<del>`</del> *±	60.8500	1.862	12.15	1,698.61	1,792,43	

.

· · ·

穆

9

ŝ

Æ

.

.

•

0

Shanghai Pudong International Airport Project (Fuel Supply T t) Servicer & Refueller Parking (Building Works)

3	0			-				ŀ
97 58	89 X2	工稿证	et کا	40 10	¢₽ 40		材料查	主材差 备注
402079.	地面防衛层沥清告材1位2油	17.7300 平米	۲ <u>×</u>	6.8300	1221	0.79	21.111	72.66
-1066	快平层细石砼3cm厚无筋	¥ ☆ 0020051	۲ <del>.</del> .	6.1800	66	191	60'11	48.64
1115	规法钢砼有架板板厚10cmC30	米本 0009 806 1	 *≭	61.1600	116,730	1,421.33	92,891.56	54,815.76
4129	现论我压高超3.6m每增3m	米 士 0009'806'1	¥.	2.1300	4,065	154.02	2,271.23	557,88
4276	伸縮雄地面沥安砂菜伸站は	21.6000	¥	3.1700	8	1.52	51.19	28.54
4281	伸缩雄增面油使麻丝铁皮鱼面	10.8000	*	15.2000	164	2.77	132.62	157.14
0223	律铂线度面法没麻丝其线铁皮瓷面不靠墙	21.6000 **		51.1500	1,105	23.12	<b>816.05</b>	845.47
4283	社教水CIS	¥→ 0064.67	 *+	26,7900	1,326	16.69	1,116.49	78:.92
4284	论核谋CIS	6.2200 中米	۲¥	40.0700	230	3.15	210.81	147.69
<b>X5-252</b>	多彩涂料天棚抹衣面	1.893.5700 平米	*	11.5850	21,937	167.39	19,313.66	8:65.87
4325	经研发者关期纸面石者反不上人	15.0300 月米	**	44.2800	999	5.32	5965	CT-01-
4046	国面站稳压半型国函故851朱油聚久阳2.0mm。	米中 008,6000 中米	¥ *	29.7300	\$6,838	227.05	53,574.40	5,2,70.03
4060	是面的物质三元乙戌丁基橡胶1mm库	米市 0009 806 1	×.	34.0700	65,026	96.38	63,709.07	1,316.61
4262	预制错论隔篷,水平递阳核	152,4000 中米	*	74,0600	11,139	186.07	7,894.50	5,413.26
	Att				330,328	3,632.16	277,476.54	95,546.92
			<u>.</u>	口窗工程				
5103	<b>取日色怎么窗准</b> 边	17.4000 年米	**	296.9500	5,167	13.17	4,943.34	
S040	硬木柩三夹板门	8.7300 月米	*	152.3100	1.480	12.07	1,331,25	37.17
502	<b>蟼合极预</b> 耕水磨石	3.1400 平米	۲ <del>×</del>	35.2700	111	3.55	68.14	31.33
	++				6,758	28.79	6,342.73	05.30
			挅	<b>敥钻</b> 土糨				
6044	花瓷砖(差价)水泥砂茶130=150墙面	73.6200 平米	**	27.4800	2,023	29.00	1,645.41	3,648.94
6047	天韓國朝(進台)大說影茶(20=7548回	米本 0076-165	<b>⊬</b> *	32.8100	32,546	386.76	27,446.98	1,268.49
6143	多悲谤科境,住面状灭面	3-532.8100 平米	<b>₩</b>	11.1700	39,461	260.37	35,222.12	1,604.25
	4·H				74,030	676.13	64,314.51	6,521.68
		思惑、	段、防腐	1、 保温 隔热 工程	「超」			-
7138	现论水说珍珠岩	76.3400	¢.¥	103.5300	506.7	69.70	61.579,8	1,773.42
	4t				506.7	69.70	6,975,19	1,773.42
	숨갂				\$11306	11.004.90	739,465.50	329.238.03
			14 24	十方九级洪出场费				
	展市式电动挖土机(重斗挖土机)	1 0000 台次	5X	859.0000	859			
i								

•

:

•

ł

Shanghai Pudong International Airport Project (Fuel Supply Depot) Servicer & Refueller Parking (Building Works)

	1
2	
255	
5	
Smond	-
L'arking	
X Keneller	
8	
CTMCCT CTMCCT	

緒也 谷 祭 谷	<b></b>		<				
<b>小</b> 社			ر الله الله	人 工 致	初料资	王列楚	<b>王</b> (1) (1) (1) (1) (1) (1) (1) (1)
おく			080				
			22	-1			
		土方及泥浆外运					
	1		Vic av				_
十方近极(通共及循西内环线外)	1,607.0000 1.		∧17*0 <b>+</b>				
*			48,210	1			

-676-:

1

1

9

.

## **ESTIMATED TOTAL QUANTITY**

.

## SILANGHAI PUDONG INTERNATIONAL AIRPORT PROJECT FUEL SUPPLY SYSTEM

.

ũ	יטבו או	FUEL SUPPLY DEPOTGUARD (BUILDING WORKS)	UNIT:	T: RMB YUAN
L	NO.	ITEM	FORMULA	cost
ليسيا	(1)	DIRECT EXPENSE ( BUILDING WORKS)		27,701
L	(2)	OUT-OF-POCKET EXPENSE (BUILDING WORKS )	(1)×5%	285,1
لمعما	(5)	OTHER DIRECT EXPENSE (BUILDING WORKS )	((1)+(Z))×3.5%	810'1
	(4)	SUB-TOTAL OF DIRECT EXPENSE	(1)+(2)+(3)	30,104
L	(2)	COMBINED INDIRECT EXPENSE	((1)+(3))×12%	3,612
	(9)	TOTAL ( BUILDING WORKS)	(1)+(2)+(3)+(2)	33,717
]				
<b></b>	6	PROFIT	(6)×9%	3,034
	(8)	INITIAL EXPENSE	(d)×3%	903
	(6)	ADJUSTMENT EXPENSE OF LABOR	LABOR-DAY x 2.4	614
 -	(01)	SUBSIDY FOR CHARGE OF CONSTRUCTION SITE LABOR-DAY X2.5	LABOR-DAY x 2.5	640
	(11)	COMPENSATION FOR MAIN MATERIAL	TOTAL CONTRACT PRICE FOR MAIN MATERIAL -TOTAL BUDGETARY PRICE FOR MAIN MATERIAL	6,830
	(12)	COMPENSATION FOR MACHINE-TEAM	TOTAL BUDGETARY PRICE (%) -TOTAL BUDGETARY PRICE (93)	327
لىا	(13)	COMPENSATION FOR MINOR MATERIAL	MATERIAL EXPENSE FOR BUILDING WORKS 1.18%+FOR HOISTING ×4.81%+ FOR PILING ×17.25%	268
<b>I</b>	(14)	TOTAL	(6)+(7)+(8)+(9)+(10)+(11)+(12)+(13)	46,333
	(15)	OTHER EXPENSE	{4}×0.5‰+(14)×3‰	154
	(91)	TAX AND DUTIES	{(14)+(15)}×3.41%	1,585
	(17)	CONSTRUCTION COST	(14)+(15)+(16)	48,072
1				

· ·

0

•

I

SHANGHAI PUDONG INTERNATIONAL AIRPORT PROJECT (FUEL SUPPLY DEPOT )

:

指动 め 券 1 倍減 4 0 4 0 4 0 1 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Guard (B)	Guard (BUILDING WORKS)					N V	-	* -		七社 約 一 久	ス (ス)
<ul> <li>2049 法勉强保険的水能や笑いで45時回</li> <li>2049 法勉强保険的水能や笑いで45時回</li> <li>2049 法勉强保険的水能や笑いで45時回</li> <li>2014 (11100)</li> <li>2014 (11100)</li> <li>2014 (11100)</li> <li>2014 (11100)</li> <li>2138 (11100)</li> <li>2</li></ul>	d ţ		弦	まま こ こ し し し し	1) 1	4 4	5 (1)			F344 92 :	-	2
30.45     天海頭球(唐術)水滴砂菜9.5%-15等面     85.5000 平米     6.1.300       14.8     多彩漆草道、汽箔式式面     7.5.3700 平米     11.1700       14.8     多彩漆草道、汽箔式式面     7.5.3700 平米     11.1700       14.8     羽雀水调等奏增     11.1700     11.1700       13.5     羽雀水调等奏增     1.1.1700     11.1700       13.6     羽雀水调等奏增     1.1.1700     1.1.1700       13.7     小市     1.6.00124     1.03.5300       14.8     九市     1.6.00124     1.03.5300       14.4     九市     1.0.000124     1.03.5300       小市     九市     1.1.000     1.03.5300       小市     九市     1.0000     1.03.5300       小市     1.0000     1.000     1.000       小市     1.1.0000     1.1.000     1.1.000       小中     1.1.000     1.1.000     1.1.000				-	12	医洋丁酸						[
3049         X園部所(6 ft) (A ft)         11 700           6145         多%添花猫、花箔笑衣面         *5,3700 年米         11 700           7135         獨送水泥学奏哲         11 700         11 700           7135         國送水泥学奏哲         11 700         11 700           7135         國送水泥学奏哲         11 700         11 700           7135         國送水泥学奏哲         103.5300         11 700           7136         國送水泥学奏哲         103.5300         11 7000           74         土方利或沿出场費         1.0000         土方利或沿出场費           小计         土方法费(清东及浦面内环线外)         1.0000         1.0000           上方         小计         土方没完美外运         1.0000         1.0000		1	100 10 IN 20		※目 voos	61.7300		122.2	16.02	54. 565	156.22	
6145     多彩茶塔:茶油客天茶田     5.100       小ボ     小ボ     戦勢、防衛、余館福流上橋       138<	0049	大面包和(前台)不易写我?	THE REAL PROPERTY OF			1002111		ict 8	\$ \$	FT 152	22.22	
小学	61 <u>-1</u> 8			· · ·	2-100/-2						122.25	
7138<		1.4.24						6,396	56.46	5,647.19	KT-061	Ţ
7138 现法不需举责任 103.5300 14计 64 1.64001正米 103.5300 64 上方组织范上的(哲斗范士的) 1.0000台次 859.0000 小计 上方运费(请东及浦西内环线外) 1.0000台米 30.0000 上方运费(请东及浦西内环线外) 1.70000 白米 30.0000					1	1、 介館 温登	쪭	•				- ]
7138 现货水泥等发程 444						103 53001		170	1.50	1.19.85	38.10	
小市     小市     上方道残(道东及浦西内环线外)     1.0000     1.0000     859.0000       東市汽車装施上約(置斗控上站)     1.0000     1.0000     859.0000       小市     土方道残(道东及浦西内环线外)     17.0000     20.0000       木中     17.0000     20.0000	7138	政治不完全权益		-						130 02 1	- 21 22	
合计     土方机械进出场费       「     土方松桃道出场路       「小计     1.0000<台次		大学		•				Þ.	100-1	147.07	21.00	Ţ
<ul> <li>土方机械进出场费</li> <li>土方机械进出场费</li> <li>武电泳挖土机(指斗挖土机)</li> <li>1.0000台次</li> <li>859,0000</li> <li>859,0000</li> <li>1.0000台次</li> <li>859,0000</li> <li>859,0000</li> <li>1.0000台次</li> <li>30,0000</li> </ul>									-			
四部汽电头的土的(汽斗技士机) (小市 上方道鉄(清衣及浦西内环线外) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0000) (1.0		44						26,332	256.26	22,687.65	7,156.65	T
报告式电动抢士机(指斗抢土机) 小计 上方道费(消东及浦西内环线外) 17.000012					十方 1	机按出出来的			•			
运费(清东及浦西内环线外) 17,0000 21米		一致市民电影花小艺(加斗	(二十二)		.0000	859.0000		ŝ				
运费(消东及浦西内环线外) 17,0000(21米		14.4				•		359			•	
<b>盆勢(消东及浦西内环线外)</b> 17.0000 ⁽ ご米					大 七 七	及泥浆外运						
<b>运费(消东及浦西内环线外)</b> 17.00001275					1	~~~~		410	•••			
		土方运费(消东及浦西内)	下後かり	1	1,000011米	20:00.05						Ĩ
		**				<b>*</b>		25				
		14.1.										

. • •

·

()

:

-678-

8

Estimated Total Quantity SHANGHAI PUDONG INTERNATIONAL AIRPORT PROJECT (FUE. PPLY DEPOT )

Guard (BUILDING WORKS)

							ŀ
閉	公 次	- 1 2 2 4 の 4 の 4 の	46	40 ¢¢	 赵王子	対料次	比如腔 一级?
		設用	<b>3. 打 枯 L 稻</b>				
1001	<b>探問名示袖常用数弦架大电</b>	3,4200 17 %	139.5700	11.5 1	4.17	128.15	2-9.56
1102.7	演成其態格市到為聲影及1.5m以均C20	*110001 +	101 2100	018.1	18.21	1,201,62,1	1,070,74
	ホチー			2.323	22.3%	1,919,77	1,350.30
			柱梁工程				
2111	市省市(北限)地位C20	米日 008800	10052.0 <b>5</b> 5	1787	4.53	408.58	256.431
	おき			787	4.53	408.58	256.434
			語必日節				
5002	家说华年월18	67.54001千米	ó2.000	4,228	75.28	3,101.55	1,908.61
3027	名谥於治松18	11.2500 年米	55.8500	ú28 <mark>1</mark>	9.13	492.55	291.00
2112	wost发发是	朱沃田(000136)	14.3200	3	1.22	51.94	157.75
3126	女儿道等联出大统治中100	2.0000	39.5200	64	0.65	71.62	
134	每番双语外母手张连13m名	米山 0021700	4.4500	124	15.0	349.71	131.55
				5,508	95.50	4,148.35	2,468.91
		<b>数</b>	、海、屋岡工福				
4001	中夏怒進	米中100053-96	4.2900	157	5.61	92.06	60 ⁻ 19
1002	道内回块土面内外说着45mmR	米中 0065.96	0013.1	. 67	6.15		- • • -
4009	包围站路道探1cm F	36.53001 中米	0.3900	. 33	0.33	28.13	19.48
4011		33.2800 平米	1.4300	49	0.42	43.93	31.18
4098	次計画和回反応以外にの泊	33.2800 平米	60.5300	2,025	13.21	1,847.37	1,949,41
4283	發散次CIS	19.3600 平米	26.7900	519	ó.53	436.76	305.33
¥5-252	————————————————————————————————————	36.5000 中米	11.5850	423	5.23	372.29	16.57
1-901-	故毕师大武令天3cm耳	朱中 0000 年 *	3.6600	267	4.80	200.75	1-40.00
4060	应用帮助用出之而干的收敛1mm运	米中 0005.90	0010.LE	1,244	1.34	1,218.37	34.74
4262	该制成设备展大平边的校	2.3400 年米	74.0600	173	2.90	122.53	22.28
5825	战国铁台阶C20大范围	4.2800	\$9.8400	256	3.83	51-061	146.28
	4.H			5,213	48.85	4.561.94	2,788.85

26.44

10.00

5,851.97

6,238 33

37.17

1,231.25 57.51

12.07 2.99 26.95

11.89

4,665 1,480

296.9500 152.3100 35.2700

15.7100 中米

使日色名含含花粒

安合板预制水度石 **硬木柜三夹板**门

5103 5040 5073

よく

9.7200 平米 2.6500 平米

部工題し

4,463.21

0

公注

.

.

-679-

R.

### HYDRANT PIPING

Ø

-681-

Table of Cost Estimates For Equipment & Installation Engineering

Sha	nzhai	Shanzhai Pudong International Airport Project Fuel Supply System	bort F	roject I	ruel Sup	ply Syster	n				-	Unit: RMB Yuan	an	<b>ب</b>	Page 1	
	۱ ۱	2	_		Μ.N.	Weight(t)			Price					Total cost		
t t	Tamer	Titte of equipment			Ť	Total	Purchase	Installation	Including(in	installation   Including(in Installation engineering)	sngineering)	Purchaso	Installation	Including (In Installation engineering)	altation engine	Bering)
			Ť	amount			õ		Main	Construc-	Labor fee in	5		Main	Construc-	ni eet.rodal
Ż	number	r material or fee			weight	weight	aquipment	engineering	material	ş	construction	equipment	engineering	material	ų	construction
		Fuel Hydrant Piping														
		Process pipeliae														
1	3-2001	3-2001 X52 Seamed pipe Dg3(3)	8	3,646	0.0700	255.22		10,368	CK8.8	1,485	470		2,646,121	611,782,5	200,675	056,011
1		3-2001 XS2 Scamed pipe Dg250	8	2,608	0.0520	135.62		10,356	8,871	1,485	470		1,404,439	1,203,050	065-102	- 63.740
1	3-2001	3-2001 XS2 Scamed pipe Dg150	E	412	0.0230	9.48		9,780	8,295	1,485	470		92.675	78,603	14.072	4,454
Ī		1 S240 Spiral welded pipe Dg700	E	130	0.1720	22.49		9.722	8,237	1.485	470		218,648	185,250	30.39	10,570
ž		SZ40 Spiral welded pipe Dg600	E	11,104	0.1530	1,698.91		9.722	8,237	1.485	470		16.516.822	13,993,936	2.522,884	7934,489
<u>°</u>		1 S240 Spiral welded pipe Dg400	6	R	0.0720	2.38		9.722	8,237	1,485	470		660'02	172,91	3.528	1.117
Ĩ		3-2001 S240 Spirat welded pipe Dg350	8	82	0.0640	4,99		9.722	8,237	1,485	470		48,532	41.119	7,413	361
L		Sub-total											20,950,337	17,788,651	3,161,687	1,000,669
6		Cathodic Protection System														
2~1	1	Magnesium anode	set	164				3 S	550	38	4		120,212	90,200	30,012	7.544
22	2	Packing: bentonitic 55%,gypsum 25%.	к К	24,600				5	10	°	-		319,800	246,000	73,800	24,600
		mirabilite20%			_								0	-0	0	
2-3	3	Cable	8	1,910				16	12	4	1		30,560	22,920	7,640	0161
t Z	_	1-1091 Dist7 Dective well	¥.	14			4,400	250	100	150	75.00	61,600	3,500	1,400	2,100	1.050
25	5	Dective pole	¥.	18			200					3,600	0	0	c	0

5

• •

6)

ß

**8**.

**(**)

Table of Cost Estimates For Equipment & Installation Engineering

3

U.	hanch	Shanghal Pudone International Airport Project Fuel Supply System	or P	roject F	ucl Sup	ply Syster	u					Unit: RWS Yuan	an		Page 2	
1				,	No.	Weight(1)			Price					Total cost		
: البرنديين					ž	Total	Purchaso	Instatlation	Including(Ir	Instattation Including(in Installation engineering)	engineering)	Purchaso	Installation	Including (In Installation engineering)	untation engin	noring)
	won won		Š	amount	-		10		Main	Construc-	Labor fee In	5		Main	Construc-	Labor fee in
	No.   number	nber material or fee			#dipm	Maight	equipment	engineering	material	ton	construction	equipment	engineering	material	top	construction
`	4	Connersulfate reference clectivide	ž	ы			200			2	4	400	0	0	0	0
4		Cuthercoal										45,600	474.072	360,520	255611	35.104
, <b></b>	┦─															
	╞															
	╞	Enciliaies for Annos Refuelling							-							
		2-11bit Construction and OD 700	¥	2			8,5(8)	1001		1001	30	136,000	1.600	0	1,6603	024
.68	_	A-1133 Count of refue time and OD 403	ž	2			3,500	1001		1001	30	54,000	00971	0	1,600	1397
	· · · · · · · · · · · · · · · · · · ·		ş	ñ			4,400	152	100	051 0	22	122,021	7,000	2.800	4.210	2.100
سجرالم		L-11931 Voie Value	¥	<b>_</b>			2.300	91 [		16		5 11,000	88	-0	82	8
	-l		ž	Ĺ			2,200	16		16		S) S0,600	SYC		368	113
-	-Z	at API Hove counter	¥				()56	06		90		6 1.900	180	3	180	12
	[	Sub-total		ļ								378,700	10,428	2,38Ki	N.028	
									~							
	$\left  \right $															
	┟╸	Import equipment														
*		1-1041 Pit box	¥	84			7,449 USS	730	ĝ	\$ <del>\$</del>	ä	2SU 017.25.0	5 (3.00)	0 25,230	01222	18.90
~	4 4 4	2-1045 4"Hydraid valve	NCI NCI	84			17,190 USS	510		510	8 8	1,443,940 USS	42,840		0 42,840	D 12.(4X)
	4 1	2-1045 General value Pg16 Dg(XR)	¥				25,946 USS	510		510	150	343.244 USS	5 7,140		0 2.140	2100
-{			ş	2			4,942 USS	510		510	150	49,420 USS	S.100		5,100	01 1.500
5		- a										2,4K2.340 UNS	(1)X1)'X11 5	0 25,20	02,550	0 35,100
~*												1				

...

Table of Cost Estimates For Equipment & Installation Engineering

.

Turbe         Unit         Total         Walk         Total         Constants         Contrast         Contrast <th>The of equipment         unit         Total         orticulation         Particulation         Paritotalization         Paritotalization<th></th><th></th><th></th><th></th><th>2</th><th>× ×</th><th>Weight(t)</th><th></th><th></th><th>Price</th><th></th><th></th><th></th><th></th><th>Total cost</th><th></th><th></th></th>	The of equipment         unit         Total         orticulation         Particulation         Paritotalization         Paritotalization <th></th> <th></th> <th></th> <th></th> <th>2</th> <th>× ×</th> <th>Weight(t)</th> <th></th> <th></th> <th>Price</th> <th></th> <th></th> <th></th> <th></th> <th>Total cost</th> <th></th> <th></th>					2	× ×	Weight(t)			Price					Total cost		
under de fais         under fais         under fais         under fais <th>und         matchedia         und         matchedia         und         und</th> <th>1</th> <th>Tame</th> <th></th> <th></th> <th></th> <th>ĩŝ</th> <th>Total</th> <th>Puchase</th> <th>Installation</th> <th>Including(In</th> <th>Installation</th> <th>engineering)</th> <th>Purchase</th> <th>Installation</th> <th>Including(In Ins</th> <th>tatlation engir</th> <th>eering)</th>	und         matchedia         und         matchedia         und	1	Tame				ĩŝ	Total	Puchase	Installation	Including(In	Installation	engineering)	Purchase	Installation	Including(In Ins	tatlation engir	eering)
maderial or (se)         weight         <	maderial of rise         weight         weight         weight         weight         weight         explorential         traited         bit		Ś.,			amount			8			Construc-	Labor fee in	ð		Main		Laboritee In
			Munder				weight	weight	equipment	engineering		ţ	construction	equipment	engineering	material	ş	construction
		<b></b>		USS:RMBY www=1:3.3										20,603,422				
		-		Immorting component extra charges 0.51757										10,663,713				
				Grand-total										31,267,135	118,080		92,580	35,100
		<b>-</b>			<b> </b>													
		_		Continued to Sectioned total										31.711.435	21.553.317		3,376,347	1,074,085
		_			-													
					L													
		- <b>-</b>																
		•			<u> </u>													
		⊧ <b>∤</b> ~~~										-						
		╉╼╍																
		1																
						<b> </b>										-2.00	, and	

**}** 

Ø

0

## Table of Cost Estimates For Equipment & Installation Engineering

... • *

				Wei	()) Maiser ()			Price .					Total cost	-	
	THA of an invited	-	-	ţ	Totel	Purchase	Installation	including(In	instaliation	Installation Including(In installation engineering)	Purchase	Installation		Including (In Installation engineering)	veering)
,* 		Ĩ	amount	:	•	ō,	· ·	Main	Construc-	Labor fee in	Jo		Main	Construc-	Construc- Labor foe in
No. number	ber " material or fee		:	weight	weight	equipment "	engineering	material	, toot .	construction	equipment	engineering	naterial	to	construction
-	Expeases with no adjustment														
	Pipe corrosion prevention														
	Pipe internal surface:036 four layers	m ²	010'00				ž					2.250,750			
~	Under ground pipe external Autface:	m ²	31,374				143					4,486,482			
<b> </b>	fizion bonded epoxy power coating				-										
<b> </b>	Sub-total											6,737,232			
<u> </u>															
<b> </b>															
	Čivil work														
	Pipeline Excavation and aubgrade	E	16,020				55					881.100			_
	treatment														
	Header pit 2.5X1.5	set	13				10,000					134,000			
-	Header pit(large type)	sci	3				12,000					36,010			
	Sub-total											1.047,100			
										~					
	Grand-total											7,784,332			
								••	_		-				_

Table of Cost Estimates For Equipment & Installation Engineering

Image: constrained or follower fol	The of experiment         weight         Authom         Proteination         Purchase         Purchase <th><u>ଅ</u> </th> <th>Shanghai Pudong International Airport Project Fuel Supply System</th> <th>T LO</th> <th>roject I</th> <th>uel Supl</th> <th>ply Syster</th> <th>a</th> <th>:</th> <th></th> <th></th> <th>1</th> <th>Unit: RMB Yuan</th> <th>an</th> <th></th> <th>Page 5</th> <th></th>	<u>ଅ</u>	Shanghai Pudong International Airport Project Fuel Supply System	T LO	roject I	uel Supl	ply Syster	a	:			1	Unit: RMB Yuan	an		Page 5	
The of opuloment         unt         Total         Purchase         Purchase         Purchase         Purchase           material or frag         unt         or         or         Nain         Constructure         Jaco         point         <	Tate of oou/fonetit         unt         and         and         and         meanination           manual inter of and         unt         annous         weight         erg/inventig         Main         Concinue-         Jacobarto         Parameter           Mainal inter of endo         0.01         Endo         Main         Concinue-         Jacobarto         2.35333           Mainal inter opera         0.07         Endo         Endo         Main         Concinue-         Jacobarto         2.35333           Mainal inter opera         0.07         Endo         Endo         Schoolange         Jacobarto					Wei	ght(t)		~	HCB					Total cost		
material of rise         ord	number         out         month         out         ou	5				ŤĊ	Total	Purchase	Installation	nctuding(in	Installation	<u> </u>	Purchase	Installation	Including(In Ins	taltation engin	sering)
matachal deric appende         weight         weight         evolutie	material or lase         weight         weight         outpress         bornautial or lase         bornautia or lase         bornautial or lase <thb< th=""><th></th><th></th><th>ţ</th><th></th><th></th><th></th><th>õ</th><th></th><th>- UEW</th><th>Construc-</th><th>Labor fee In</th><th>8</th><th>-</th><th>Main</th><th>Construc-</th><th>Labor tee In</th></thb<>			ţ				õ		- UEW	Construc-	Labor fee In	8	-	Main	Construc-	Labor tee In
Normal alerc cycleace         I         N171.AGS         2.353.317           Kolmala alerc cycleace         0.07         Rejnimer certrs         2.19.500         2.19.500         2.75.503           Kolmal aler fer cycleace         1.36         box (ex*20.4%         2.210.500         2.75.503         2.75.503           Adjammer far fer cycleace         1.36         box (ex*20.4%         2.75.040         2.75.503         2.75.503           Adjammer far fer cycleare         1.36         correction-stolear         2.13.020         2.75.503         2.75.503           Adjammer far fer fer maer manual admentancy         1.36         correction-stolear         2.75.503         2.75.503         2.75.503           Adjammer far for for maer manual admentancy         0.016         correction-stolear         2.75.503         2.75.503         2.75.503           Adjammer far for grane         0.016         0.016         correction-stolear         2.75.503         2.75.503           Correction-stolear         0.156         0.156         0.59.50         0.59.50         2.75.503         2.75.502           Correction-stolear cyclear         0.156         0.150         0.150         0.150         2.75.502         2.75.502           Correction-stolear cyclear cyclear         0.016         0.016<	Normal ancc capcac         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i	ž	-			weight	weight	equipment		materiai	tion		Moment	Subsecting	material	ç	construction
Requement transportion coal         0.07         Equipment coar7%         2.19,500         2.19,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500         2.79,500 <t< th=""><th>Boundment trender trender control         0.07         Equipment control         2.19, 200         2.19, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.70, 200         2.70, 200         <t< th=""><th>F4</th><th>T</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>31,711,435</th><th>710,622,12</th><th>18.177.171</th><th>3.376.147</th><th>1,074,085</th></t<></th></t<>	Boundment trender trender control         0.07         Equipment control         2.19, 200         2.19, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.79, 200         2.70, 200         2.70, 200 <t< th=""><th>F4</th><th>T</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>31,711,435</th><th>710,622,12</th><th>18.177.171</th><th>3.376.147</th><th>1,074,085</th></t<>	F4	T										31,711,435	710,622,12	18.177.171	3.376.147	1,074,085
Adjuncent for exponse of blow         2.60         ubote for the component from the co	Adjuntent for exponse of blow         2.60         ubote for 2.00%         2.72.03           Adjuntent for exponse of blow         1.35         correnticionation exponse/on-periode         3.130.060           Adjuntent for exponse         1.35         correnticionationation         3.130.060           Adjuntent for exponse         0.05         (5)*5%         2.74.05%         2.74.05%           Observice         0.05         (5)*5%         2.74.05%         2.74.05%         2.74.05%           Observice         0.05         (5)*5%         (5)*5%         2.74.05%         2.74.05%         2.74.05%           Observice         0.05         (5)*5%         (5)*5%         2.74.05%         2.74.05%         2.74.05%         2.74.05%           Observice         0.05         (5)*10%         (5)*5%         2.74.05%         2.74.05%         2.74.05%           Observice         0.05         (5)*10%         (5)*10%         2.74.05%         2.74.05%           Observice         1.05         (5)*10%         (5)*10%         2.74.05%         2.74.05%           Observice         1.05         (5)*10%         (5)*10%         2.74.05%         2.74.05%           Observice         1.05         (5)*10%         (5)*10%         2.74.05%	~			0.07	3	iquipment cost	She.					2,219,800				
Adjourneed fore for entioner muerial andmotinizy         1.36         (Construction-labour fee)(-16)(-16)         3.130.066           Sub-boal         0.05         (9.75%         (9.75%)         2.747.07           One-of-order actioner         0.05         (9.95%         (9.95%)         2.747.07           One-of-order actioner         0.05         (9.95%         (9.95%)         2.855.95%           One-of-order actioner         0.05         (9.95%)         (9.95%)         2.855.95%           One-of-order actioner         0.05         (9.95%)         (9.95%)         2.855.95%           One-of-order actioner         0.0168         (9.135%)         (9.95%)         2.855.95%           One-of-order actioner         0.0168         (9.135%)         (9.95%)         2.855.95%           Advancer actioner         0.0168         (9.95%)         (9.95%)         2.855.95%           Advancer actioner         1.627         (9.95%)         2.975.05%         2.975.05%           Advancer actioner         1.627         (9.95%)         2.975.05%         2.975.05%           Control actioner actioner         1.627         (9.95%)         2.975.05%         2.975.05%           Control actioner actioner         0.013         (1.974.15%)         2.975.05%	Adjourneed fore for under mutual addunckingy         136         Construction-lation regiment/795%         3,330,005           Sub-coult         0         0         0         0         0         3,736,732           One-effected reporter         0.05         (5)+56         (5)+56         2,767,732         2,756,732           One-effected reporter         0         0         0         0         0         1,7357           One-effected reporter         0         0         0         0         0         1,7357           One-effected reporter         0         0         0         0         0         1,7357         2,747,742           One-effected reporter         0         0         0         0         0         1,7357         2,747,742           One-effected reporter         0         0         0         0         0         1,7250         2,747,042           One-effected reporter for the out is a filter of reporter of the out is a filter of reportere out is a filter of reporter of the out is a filt	<u>ຕ</u>			2.60		labor fee*260%							2,792,620		2,792,630	2,792,620
Sub-tool         Sub-tool         Installation engineering-(i)         Installation engineering-(i)         Installation engineering-(i)         Installation         Installation <thinstallation< th="">         Installation         <thinsta< th=""><th>Sub-code         Sub-code         Sub-code         Sub-code         State         State</th><th><u> </u></th><th></th><th></th><th>1.36</th><th>y)</th><th>Construction-I</th><th>abour tee)*136%</th><th></th><th></th><th></th><th></th><th></th><th>208,061,6</th><th></th><th>3,130,805</th><th></th></thinsta<></thinstallation<>	Sub-code         Sub-code         Sub-code         Sub-code         State	<u> </u>			1.36	y)	Construction-I	abour tee)*136%						208,061,6		3,130,805	
Oncofector expense         0.05         (5)*5%         1373537           Total         1         (2)+0%         23450.5%           Total         1         (2)+0%         23450.5%           Ober direct expense         0.1684         (5) abour *1.6.8%         0.19.5%           Oper direct expense         0.0168         (5) abour *1.6.8%         0.19.5%           Oper direct expense         0.0018         (5) abour *1.6.8%         0.19.5%           Adjustment far for expense of labour is 8         0.0018         (7)+0%+(0+(0)         0.19.5%           Sub-Total of direct expense         1.627         (7)+0%+(0+(0)         0.19.5%         0.19.5%           Combined expense         1.677         (7)+0%+(0+(0)         0.19.5%         0.19.5%         0.19.5%           Combined expense         1.677         (1)+0(12)         0.19.5%         0.19.5%         0.19.5%           Combined expense         1.677         (1)+0(12)         0.19.5%         0.19.5%         0.19.5%           Combined expense         1.672         (1)+0(12)         0.19.5%         0.19.5%         0.19.5%           Combined expense         0.0018         (1)+0(12)         0.19.5%         0.19.5%         0.19.5%           Expense         1.0011 <th>Oncofector expense         0.05         (5°%         1373837         1373837           Taul         0         0         0         0         0         1373837         1373837           Taul         1         0         0         0         0         0         0         1373837           Taul         0         0         0         0         0         0         0         0         1373837         1373837           Obte direct expense         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         <th0< th="">         0         <th0< th=""></th0<></th0<></th> <th><u>~</u></th> <th></th> <th></th> <th></th> <th>4</th> <th>nstallation en</th> <th>)ineering+(3)+(4)</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>27,476,742</th> <th>18,177,171</th> <th>1256276</th> <th>3,866,704</th>	Oncofector expense         0.05         (5°%         1373837         1373837           Taul         0         0         0         0         0         1373837         1373837           Taul         1         0         0         0         0         0         0         1373837           Taul         0         0         0         0         0         0         0         0         1373837         1373837           Obte direct expense         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0 <th0< th="">         0         <th0< th=""></th0<></th0<>	<u>~</u>				4	nstallation en	)ineering+(3)+(4)						27,476,742	18,177,171	1256276	3,866,704
Total         (744)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746)         (746) <th< td=""><td>Total         (5)+(6)         (5)+(6)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)</td><td>•</td><th></th><td></td><td>0.05</td><td>Ű</td><td>\$)•5%</td><td></td><td></td><td></td><td></td><td></td><td></td><td>1373837</td><td></td><td></td><td></td></th<>	Total         (5)+(6)         (5)+(6)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)         (23:60.57)	•			0.05	Ű	\$)•5%							1373837			
Obser direct expense         0.1664         (5) labour "6,8/%         (61,15)           Expense of labour is \$         0.0138         (5) labour "4,09%         (61,15)         (71,15)           Kytuettreet fare for expense of labour is \$         0.0038         (5) labour "4,09%         (5) labour "10,250         (5) labour "10,250         (5) labour "10,250         (5) labour "10,250         (7) labour "10	Obser direct expones         0.1684         (5) abour 16,6/%         061,135         (6) 1,135           Expone of labour in 3         0.0438         (5) abour 4,0%         (5) abour 4,0%         (6) 1,135         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (7) 1,256         (	<u>^</u>				Ÿ	5)+(6)							22,850,579			
Expone of Labour is S         0.00498         (7) Labour "4,08%         172,505         102,505         102,505         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,606         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,606         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,605         500,705         500,705 <th< td=""><td>Expense of labour is 3         0.00408         (7) iabour 4,90%         197.30%         197.30%         197.30%         197.30%         500.661         500.661         500.661         500.661         500.661         500.661         500.661         500.661         500.661         500.661         500.661         500.661         500.661         500.661         500.661         500.661         500.661         500.661         70.413.062         70.413.062         70.413.062         70.413.062         70.413.062         70.413.062         70.413.062         70.413.062         70.413.062         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         <th70.66< th=""></th70.66<></td><td>∞</td><th></th><td></td><td>0.1684</td><td>3</td><td>5) labour *16.8</td><td>4%</td><td></td><td></td><td></td><td></td><td></td><td>651.153</td><td></td><td></td><td></td></th<>	Expense of labour is 3         0.00408         (7) iabour 4,90%         197.30%         197.30%         197.30%         197.30%         500.661         500.661         500.661         500.661         500.661         500.661         500.661         500.661         500.661         500.661         500.661         500.661         500.661         500.661         500.661         500.661         500.661         500.661         70.413.062         70.413.062         70.413.062         70.413.062         70.413.062         70.413.062         70.413.062         70.413.062         70.413.062         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66         70.613.66 <th70.66< th=""></th70.66<>	∞			0.1684	3	5) labour *16.8	4%						651.153			
Adjuntered for expense of labour in \$         2.60         (9)*2.00%         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         700.601         700.601         700.601         700.601         700.601         700.601         700.601         700.601         700.601         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705         700.705	Adjuntment fare for expense of labour is \$         2.60         (7)*3.60%         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601         500.601	<u>م</u>			0.0498	3	5) labour *4.98	8						192.562			192,562
Sub-Tool of direct expense         (7)+(8)+(9)+(10)         31,913,955         31,914,955         31,914,955         31,914,955         31,914,955         31,914,955         31,914,955         31,914,955         31,914,955         31,914,956         31,914,956         31,914,956         31,914,956         31,914,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956         31,912,956 <td>Sub-Total of direct capease         (7)+(9)+(9)+(1))         30,134,555         30,134,555         30,134,555         30,134,555         30,134,555         30,134,555         37,19,001         30,132,66         7,19,001         31,93,012         31,93,012         31,93,015         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,626,827         37,613,056         37,613,056         37,613,056         37,626,827         37,626,827         37,626,827         37,626,827         37,626,827         37,626,827         37,626,827         37,626,827         37,626,827         37,626,827         37,626,827         37,626,827         37,626,827</td> <td><u>×</u></td> <th>Adjustencet fare for expense of labour in 8</th> <td></td> <td>2.60</td> <td></td> <td>(9) 260%</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>199'005</td> <td></td> <td></td> <td>199'005</td>	Sub-Total of direct capease         (7)+(9)+(9)+(1))         30,134,555         30,134,555         30,134,555         30,134,555         30,134,555         30,134,555         37,19,001         30,132,66         7,19,001         31,93,012         31,93,012         31,93,015         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,613,056         37,626,827         37,613,056         37,613,056         37,613,056         37,626,827         37,626,827         37,626,827         37,626,827         37,626,827         37,626,827         37,626,827         37,626,827         37,626,827         37,626,827         37,626,827         37,626,827         37,626,827	<u>×</u>	Adjustencet fare for expense of labour in 8		2.60		(9) 260%							199'005			199'005
Combined expense         1.627         (Direct face.Other direct face) below fac ⁻¹ (6.2.7%         7,419,001           Total         (1)         (1)         (12)         33,931,256         37,612,056           Regineering supervision cost of quality         0.0015         (13)%(12)         33,931,256         37,612,056           Administrative management cost         0.0015         (13)%(16%         33,931,256         37,632,692           Administrative management cost         0.0014         (13)%(16%         33,931,256         37,205,692           Administrative management cost         0.0014         (13)%(16%         33,931,256         37,205,692           Total         0.00341         (16)         (16)%(17)         35,931,256         37,205,692           Total         0.00341         (16)%(17)         (16)%(17)         35,931,256         37,205,692           Explorering cost including tax         0.00341         (16)%(17)         (16)%(17)         35,931,256         37,205,692           Explorerer with no edivatione tax         0.00341         (16)%(17)         (16)%(17)         37,931,256         37,205,692           Explorerer with no edivatione tax         0.00341         (16)%(17)         (16)%(17)         37,931,256         37,930,931           Extrand Dutes	Combined exprens.         1.627         (Direct fare) bbour fee 162.7%         7.49,001         7.49,001           Total         (a)         (1)+(12)         35,931.256         37,613.956           Engineering urpervision cost of quality         0.0015         (13)•0.15%         35,931.256         37,613.956           Engineering urpervision cost of quality         0.0015         (13)•0.16%         107.313         107.313           Administrative management cont         0.0015         (13)•0.16%         31,917.266         37,632.592           Administrative management cont         0.0015         (13)•0.16%         31,917.266         37,632.592           Attrainistrative management cont         0.0015         (13)•0.16%         31,917.266         37,632.592           Attrainistrative management cont         0.00341         (10)•3.41%         31,917.266         37,632.592           Attrainistrative management controlling text         0.00341         (10)•3.41%         31,917.266         37,605.693           Explored cont including text         0.00341         (10)•3.41%         (10)•1         74,206.693           Explored cont         10         (16)•1         (16)•1         100         100.105           Explored cont         1         10         100.411         100.411	=				U	7)+(8)+(9)+(10							30,194,955			4,559,927
Total         (1)+(12)         37,612,056         37,612,056         37,612,056         37,612,056         37,612,056         37,612,056         37,612,056         37,612,056         37,612,056         37,612,056         37,612,056         37,612,056         37,612,056         37,612,056         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         107,318         108,324         107,318         107,318         108,324         108,324,329         108,324,329         108,326,329         108,326,329         108,326,329         108,326,329         108,326,	Total         (1)\(12)         33,931,236         37,613,036           Ragineering upervision cout of quality         0         0015         (13)*0.15%         107,313           Administrative management cont         0         0         0         101,314         107,313           Administrative management cont         0         0         015         (13)*0.16%         107,313           Administrative management cont         0         0         0         103         107,313           Administrative management cont         0         0         0         103         107,313           Administrative management cont         0         0         0         10         107,313           Administrative management cont         0         0         0         10         107,313           Administrative management cont         0         0         0         10         107,313           Administrative management controloging use         0         0         10         100,31,326         37,805           Administrative cont including use         0         0         10,01         10         10           Equipment explored         0         1         (16)         (16)+17         14,206,837           Eq	1			1.627	υ	Direct (are+Ot)	icr direct fare) labo	ur fec*162.7%					7,419,001			
Biginecriag supervision cost of quality         0.0015         (13)°0.15%         107.318         107.318           Administrative management cost         0.0015         (13)°0.16%         1.07.318         1.07.318           Administrative management cost         0.0015         (13)°0.16%         1.07.316         2.447.010           Administrative management cost         0.00341         (13)+(14)+(15)         3.7.031.256         37.238.592           Tax and Dutes         0.0341         (16)°7.341%         (16)°7.341%         3.497.010         2.447.010           Engineering cost including tax         0.0341         (16)+(17)         (16)·17         7.426.837         2.447.010           Engineering cost including tax         0.0341         (16)+(17)         (18+(19))         7.426.837         2.449.001           Engineering cost of         1         (18+(19))         (18+(19))         8.498.706         8.498.706         8.498.706           Part Hydrait Phoice         1         (18+(19))         (18+(19))         8.498.706         8.705.546         8.705.546	Bigineering supervision cost of quality         0.0015         (13)*0.15%         107.318         107.318           Administrative management cost         0         0         0         (13)*0.16%         107.318         107.318           Administrative management cost         0         0         0         (13)*0.16%         107.318         107.318           Administrative management cost         0         0         0         (13)*(14)*(15)         33.931.256         37.835.952           Tax and Ducies         0         0         0         (16)*3.41%         3.41%         2.447.010           Englenering cost including ux         0         0         1         (16)*17         7.4206.857         37.956.857           Englement angineering cost of         0         1         (16)*(17)         18.40%.706         8.40%.706           Englement angineering cost of         0         1         (16)*(17)         18.40%.706         8.40%.706           Englement angineering cost of         0         1         1(18*(19)         118*(19)         8.70%.506	1					(11)+(12)						33,931,236	37,612,956			
Administrative management ont         0.0015         (13)*0.16%         107,318         107,318           Tax and Dutes         Total         0.00341         (13)*0.16%         33,931,236         37,823,592         2447,010           Tax and Dutes         0.0341         (16)*3.41%         (16)*3.41%         33,931,236         37,823,592         2447,010           Englecering cost including tax         0.0341         (16)*3.41%         (16)*1         34,857         2447,010         2447,010           Englecering cost including tax         0.0341         (16)*(17)         (16)*(17)         34,957         2447,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,957,010         24,9	Administrative management ont         0.0015         (13)*0.16/6         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315         107.315 <t< td=""><td>7</td><th></th><td></td><td>0.0015</td><td>3</td><td>13)*0.15%</td><td></td><td></td><td></td><td></td><td></td><td></td><td>107.318</td><td></td><td></td><td></td></t<>	7			0.0015	3	13)*0.15%							107.318			
Total         (13)+(14)+(15)         33,931,236         37,828,592           Tax and Duties         0.0341         (16)*3.41%         3,931,236         37,828,592           Engineering coxt including tax         0.0341         (16)+(17)         2,447,010         2,447,010           Engineering coxt including tax         10         (16)+(17)         (16)+(17)         74,206,837           Expenses with no adjustment         10         (16)+(17)         (18+(19))         8,498,706           Fuel Hydraet Phoine         1         (18+(19))         (18+(19))         8,705,546         8,705,546	Total         (13)+(14)+(15)         33,931,236         37,838,592           Tax and Duties         0.0341         (16)+21%         37,831,236         37,838,592           Engineering cost including ux         0.0341         (16)+(17)         2,447,010         2,447,010           Engineering cost including ux         1         (16)+(17)         (16)+(17)         3,498,709           Expenses with no adjustment angineering cost of         1         (18+(19))         8,498,709         8,398,706           End Hydrant Piping         1         (18+(19))         (18+(19))         8,206,837         8,705,846	8			0.0015	C	13)*0.16%							815-001			
Tax and Dutien     0.0341     (16)*3.41%     2,447,010       Engineering cost including tax     0.0341     16,94(17)     74,206,837       Expenses with no adjustment     8,498,709     8,498,709       Equipment engineering cost of     (18+(19)     (18+(19)	Tax and Dutien     0.0341     (16)*3.41%     2,447,010       Engineering cost including tax     0.0341     (16)+(17)     74,206,827       Expension and justiment     1     14,206,827     14,206,827       Expension and justiment     1     14,206,827     14,506       Expension and justiment     1     14,206,827     14,506       Expension and justiment     1     18,419     82,705,546       Puel Hydrant Piping     1     18,419     11	-				¢	13)+(14)+(15)						9271236	37,828,592			
Engineering cost including tax     (16)+(17)       Pagiceering cost including tax     74,206,837       Expenses with no adjustment     8,498,709       Equipment engineering cost of     (18+(19)       Pack Hydrant Priving     82,705,546	Engineering cost including ux         74.206,837           Expenses with no adjustment         8,498,709           Equipment engineering cost of         (18+(19)           Fuel Hydrant Piping         8,206,837	2			0.0341	U	16)*3.41%							2,447,010			
Expenses with no adjustment Equipment engineering cost of Ruel Hydrant Photes	Expenses with no adjustment           Expenses         endiatement         8,498,709         8,498,709         8,498,709         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540         8,2705,540<	ñ				Ç	16)+(17)							74,206,837			
Equipment engineering cost of (18+(19) 82,705,546 Pael Hydrant Proine	Equipment engineering cost of (18+(19) 82,705,546 Fuel Hydrant Piping	<u>~</u>	9 Expenses with no adjustment											8,496,709			
		8	Equipment engineering cost of			C	(61)+81							82,705,546	(Include	2.482.340 USS)	SSD
			Fuel Hydraat Piping	_													

• •

•686- -

**)** 

•

.

A

:

•

ŝ

# ESTIMATION CONSTRUCTION COST OF EQUIPMENT FACILITIMES

.

Ø

SHANGHAI PUDONG INTERNATIONL AIRPORT (FUEL SUPPLY SYSTEM)

	é e l
	<u> </u>
	7.
	4
	T PIE
	δ.
	_
	F
	<b>F</b>
	6
	~
	22
	α.
	ίζ.
	ρ
	~
	<u> </u>
	T
	_
	a
	<b>F</b>
	$\supset$
	Œ.
	C
	T (FUEL H)
	-
	F
	1.
	<u>ם</u>
	-
	2.
	=
	~
	<b>~</b>
	E.
	-
	ŝ
	7
	a dia dia dia dia dia dia dia dia dia di
	ž
	$\sim$
	ы
	- <b>Z</b> .
	- ج
	~
	11
	1
	t SUPP
	e
	5
	<u> </u>
	~
	~~
	CO 1
	WER:
	- 52
	0
	MP-P(
	- Ci
1	
L.	- 5
l	-
i.	
	÷ for
Ľ	
1	Ē
1	- C I
	E a
	щ
	- 22
1	- C
	ROIFCT NAME:
i.	Ω.
	ρ.
	_

Bits         Expense of Labor         Material expense         Material expense         Material expense           13         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0<						Equipment Costs	nt Costs	Installation Work Costs	Vork Costs		Including (in	Including (in Installation Work Costs)	Work Costs)		
Mont         Mont VALUE         Teal Value         Unit VALUE         Teal Value <th>(</th> <th>2</th> <th>Description of Works</th> <th>Lloit</th> <th>ÅÇ.</th> <th></th> <th></th> <th></th> <th></th> <th>Expense</th> <th>of Labor</th> <th>Materia</th> <th>expense</th> <th>Mechanic</th> <th>l expense</th>	(	2	Description of Works	Lloit	ÅÇ.					Expense	of Labor	Materia	expense	Mechanic	l expense
Control reading after Street Way         Table Street Way         Table Street Way <thta< th=""><th>2</th><th></th><th></th><th>, </th><th>;</th><th>UNI VALUE</th><th>Total Value</th><th></th><th>Total Value</th><th>Unit VALUE</th><th></th><th>Cai</th><th>Total Value</th><th>Unit VALUE</th><th>Total Value</th></thta<>	2			, 	;	UNI VALUE	Total Value		Total Value	Unit VALUE		Cai	Total Value	Unit VALUE	Total Value
Saver Pype         Saver P		*		2	7.7	9,890			0		0		0		0,
2-655         Comment entity entitie         4 holes         10h         600         3.570         13.577         65         3.355         2.355         2.35         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         2.00         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0 <t< td=""><td>•]•</td><td></td><td></td><td>ž</td><td>8</td><td>S</td><td>1,000</td><td>0</td><td>0</td><td></td><td>0</td><td></td><td>0</td><td></td><td>0</td></t<>	•]•			ž	8	S	1,000	0	0		0		0		0
Z:100         Cannot buttices (ESB)         10ect         2:0         3.730         18.77         46         9.82         25         8.75         22         9           P         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	* ~	2.653		ļ Ē	8 ^{.9}		3,000	15.77	95	12.42	75	3.35	8		0
0     0     0     0     0     0       0     0     0     0     0     0     0       0     0     0     0     0     0     0       1     Strien-4 Firth Internation System     0     0     0     0     0       1     Strien-4 Firth Internation System     0     0     0     0     0       1     Strien-4 Firth Internation System     0     0     0     0     0       1     Strien-4 Firth Internation System     0     0     0     0     0       1     Strien-4 Firth Internation System     0     0     0     0     0       1     Strien-1     Km     4.40     12.105     53.262     0     0     0       1     M(Koati Arra Menoti)(able     N     0     0     0     0     0       1     M(Koati Arra Menoti)(able     Km     4.40     12.105     53.262     0     0     0     0       1     M(Koati Arra Menoti)(able     Km     4.40     12.105     53.262     0     0     0     0     0       1     M(Koati Arra Menoti)(able     N     0     0     0     0     0     0 <td< td=""><td>× 4</td><td>2-1036</td><td>Control button (ESB)</td><td>10set</td><td>L</td><td>1.500</td><td>3.750</td><td>18.57</td><td>46</td><td>9.82</td><td>25</td><td>8.75</td><td>8</td><td></td><td>0</td></td<>	× 4	2-1036	Control button (ESB)	10set	L	1.500	3.750	18.57	46	9.82	25	8.75	8		0
No.         Comment diaphy. system         Co					┞		0	0	0		0		0		0
Notice         No         No <th< td=""><td><u> </u></td><td></td><td></td><td></td><td></td><td></td><td>•</td><td>0</td><td>0</td><td></td><td>0</td><td></td><td>0</td><td></td><td>0</td></th<>	<u> </u>						•	0	0		0		0		0
Section: 4 Fight Information System         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	۰ ۱			-			0	0	0		0		0		0
Section-4 Flight information System         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	•			-			0		0		0		0		0
Camputer displict system (ent of carco)         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0		ļ	Saction-4 Elight Information System				0		0		0		0		0
L.N (Total Area Network) sable       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       <	ļ		Commuter distant sustern (and of come)				0		0		0		0		0
Dev         Low         Low <thlow< th=""> <thlow< th=""> <thlow< th=""></thlow<></thlow<></thlow<>	2		I AN 7 and Aven Network) mhle				0	0	0		0	 	0		0
1000000000000000000000000000000000000	1:			L.	ļ_	12,105	53.262	0	0		0		0		0
1       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0	12				-		0		0		0		0		0
131       131       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>c</td> <td></td> <td>0</td> <td></td> <td>0</td> <td></td> <td>0</td> <td></td> <td>0</td>							c		0		0		0		0
133.052       141       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0	:  <u>-</u>						0		0		0		0		0
1000000000000000000000000000000000000	1	}		<b> </b>			0		0		0	- 11-	0		0
0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0	:						0		0		0		0		0
1       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0	- -			Ļ			0		0		0		0		0
TOTAL       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0 <td></td> <td></td> <td></td> <td> </td> <td></td> <td></td> <td>0</td> <td></td> <td>0</td> <td></td> <td>0</td> <td></td> <td>0</td> <td></td> <td>0</td>							0		0		0		0		0
10       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0	3						0		0		0		0		0
138.055       141       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0	ءَ <u>۽</u>						0		0		0		0		0
TOTAL       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0 <td>3</td> <td></td> <td></td> <td> </td> <td></td> <td></td> <td>0</td> <td></td> <td>0</td> <td></td> <td>0</td> <td></td> <td>0</td> <td></td> <td>0</td>	3						0		0		0		0		0
TOTAL       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0 <td>1 2</td> <td> </td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td></td> <td>0</td> <td></td> <td>0</td> <td></td> <td>0</td> <td></td> <td>0</td>	1 2						0		0		0		0		0
	3 8			-			0		0		0		0		0
TOTAL     0     0     0     0       138.055     141     99     42	3 12			-			0		0		0		0		0
TOTAL     0     0     0     0     0       TOTAL     0     138.055     141     99     42	8			_	 		0		0		0		0		0
TOTAL     0     0     0     0       TOTAL     0     138.055     141     99     42	E	-			 		0		0		0		0		0
TOTAL     0     0     0       138,055     141     99     42	8	 					0		0		0	- 1	0		0
TOTAL 138,055 141 99	8						0		0		0		•		0
	R		TOTAL				138.055		141		8		42		

SHANGHAI PUDONG INTERNATIONL AIRPORT (FUEL SUPPLY SYSTEM)

.

•

.

ESTIMATION CONSTRUCTION COST OF EQUIPMENT FACILITIMES

	PROJECT NAME: POWER SUPPLY AND INSTRUMENT (FUEL HYDRANT PIPING)	PIPING)	
۲	NORMINAL DIRECT EXPENSE		141
8	EXPENSE OF LABOR	0.0	. 66
U	OTHER DIRECT EXPENSE	Bx23%	23
2	SUB-TOTAL OF DIRECT EXPENSE	A+C	164
ដ	COMBINED INDIRECT EXPENSE	Bx180%	178
μ.	PROFIT	Bx65%	28
U	INTIAL EXPENSE	Dx3%	S
Ħ	ADJUSTMENT FOR EXPENSE OF LABOUR	B/11.83x2.4	20
-	SUBSIDY FOR CHANGE OF CONSTRUCTION SITE	B/11.33x2.5	21
ĩ	MATERIAL AGIO	MATERIAL COST SUM x 66%	28
¥	MECHANICAL AGIO	MECHANICAL COST SUM × 97%	0
	EQUIPMENT COST		138,055
Х	BOUIPMENT TRANSPORTION COST	1x3%	4,142
z	TOTAL	D+B+F+G+H+I+J+K+L+M	142,677
o	ESTABLISHMENT CHARGE OF NORM COMPILATION	Dx0.5%	0
٩	ENGINEERING OUALITY SUPERVISION COST	%S1XN	214
ø	MANAGEMENT COST	%×1.5%	214
~	TAX AND DUTHES	(N+0+P+Q)3.41%	4,880
S	CONSTRUCTION COST	N+0+P+0+N	147.985

•

3

8

.

:: ,

.

-688-

