PART-2-2 First Aid Garage

Shanghai Pudong International Airport Project (Fire Fighting and Rescue Facilities)

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		+ <u>'</u>		Foreign Co	Foreign Cost Component	Local Cost Component	t Component	Combined
Š	Description of Works	Unit	Quantity)	(Yen)	(Chin	(China RMB)	China Total
				Rate	Amount	Rate	Amount	RMB
	FOUNDATION WORKS							
ĭ	Brick Foundation	M	46.56					
7	R.C. Foundation	M^3	44.42		-			
	-							
	R.C. Works		-					
3	R.C. Tie Column	M^3	9:38					
4	R.C.Bcams (C30)	M^3	5.70					
S	Columns, Higher Than 3.6m	M^3	9:38					
9	Beams, Higher Than 3.6m	M^3	5.70					
	Walls Works							
7	Standard Brick Wall	M^2	376.11					
∞	Standard Brick Partition	M^2	156.51					
م	Brick In Wall (Thickness=120cm)	M	47.73					
ន	Toilet Partition		1.00					
Ξ	Iron Sheet Rainwater Pipe (D45cm)	M^2	27.00					
12	Parapet Downspout Elbow (D100)	SET	90.9					
13	External Scaffolding (H<12m)	M^2	514.80					
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Shanghai Pudong International Airport Project (Fire Fighting and Rescue Facilities)

First Aid Garage (Building Works)

				Forcign C	Foreign Cost Component	Local Cost	Local Cost Component	Combined
ġ Z	Description of Works	Cnit	Quantity)	(Ycn)	(Chin	(China RMB)	China Total
:				Ratc	Amount	Rate	Amount	RMB
14	Full Scaffolding (3.61 <h<5.80m)< td=""><td>M^2</td><td>323.43</td><td></td><td></td><td></td><td></td><td></td></h<5.80m)<>	M^2	323.43					
- Tark								
	Ground, Floor Roof Works							
15	Land Grading	M^2	323.43					
16	Indoor Backfill	M^2	323.43					
17	Concrete Course (H=1cm) C10	M^2	16.25					
18	Bedding Mortar (Thickness=15mm)	M^2	1,874.88					
19	Concrete Ground (Thickness=40mm)	$ m M^2$	234.99					
20	Concrete Ground (Thickness=11mm)	M^2	234.99					
21	Concrete Course (H=60mm)	M ³	445.14					
22	Cement Mortar Ground	M^2	55.26					
23	Ement Mortar Course Bonding Tile	M^2	22.23					
22	Felt Water-Proof Course	M^2	3.30					
22	Asphalt Surface Course	M_2	3.30					
97	Level Coat Of Fine Ballast Concrete (Thickness=3cm)	M^2	3.30					
27	Level Coat Of Fine Baliast Concrete (Thickness=3cm)	.M ²	3.30		-	-		





Shanghai Pudong International Airport Project (Fire Fighting and Rescue Facilities)

Works)
(Building
Garage
First Aid

			-	Foreign Co	Foreign Cost Component	Local Cost	Local Cost Component	Combined
ģ	Description of Works	Unit	Quantity		(Yen)	(Chin	(China RMB)	China Total
	and the second of the second o	:		Rate	Amount	Ratc	Amount	RMB
28	Level Coat Of Cement Mortar (Thickness=2cm)	M^2	312.48			man Bayeri di Stir e Particul		
83	Polyurethane Water-Proof Course	M^2	312.48					
8	Elevated Roof Slab		313.48		VALUE APIC			
31	Cast-In Place R.C. Beam And Shed		314.48					
32	Cast-In Place R.C. Beam And Shed	M^2	315.48					
33	Cast-In-Place R.C. Slab, Floor Height>3.6m, Per 3m-Increment	M^2	316.48		:			
34	Water Shed Flat Sunshading Board	M^2	34.56					
35	Concrete Apron C15	M^2	51.48					
36	Concrete Ramp C15	M^2	90.47					
37	Concrete Steps C20	M^2	7.56					
	Door & Window Works							
38	Sliding Window Silver Aluminum Allay	M^2	41.49					
39	Soundproof Door	M^2	2.10					-
40	Steel Wood Casement Door	M^2	73.20					
41	Phywood-Veneered	M^2	25.21					

Shanghai Pudong International Airport Project (Fire Fighting and Rescue Facilities)

First Aid Garage (Building Works)

-									
				Foreign Co	Foreign Cost Component	Local Cos	Local Cost Component	Combined	72.0
Š	Description of Works	Carit	Quantity		(Yen)	(Chin	(China RMB)	China Total	
			-	Rate	Amount	Rate	Amount	RMB	
	Finish Work								7
42	Non Glazed Till 95*45	M^2	22.60						7
43	Ceramic Tile Facing In Wall	M^2	36.98						FOR LABOR
44	Multi-Color Paint Wall And Columns	M^2	469.57						
45	Multicolored Ceiling	M^2	312.48						T
46	Oil Painl Emulsion Paint	M^2	222.96						
47	Wood Door Oil Paint	M^2	100.51						1
								e de carrigación están en en execusar en	
	Acid-Resistant, Preservation, Heat Reserving Work	Work						Atlanta (A. C.	
48	Aerocite Leveling Course	M^3	15.62						Ī
				1					Ī
	Earth Works			:				-	Ī
\$	Earth Works	M^3	391.00	·					
									, ···
	Car Washing Stand				·				
50	Car Washing Stand	SET	1.00						X ZE ZZX
			-						
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Shanghai Pudong International Airport Project (Fire Fighting and Rescue Facilities) FIRST AID CARAGE POWER SUPPLY SYSTEM

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Itcm	Item				Foreign Cos	Foreign Cost Component	Local Cost	Local Cost Component	Combined
Š.	Description of Works		Unit	Unit Quantity	<u>አ</u>	(Yen)	China	(China RMB)	Total
<u>.</u>					Ratc	Amount	Ratc	Amount	China RMB
	HEAT EXCHANGE STATION CONTROL BOX			ľ			A		
7	LIGHTING/RECEPTACLE DISTRIBUTION BOX	PXT (R) -3		₽ -4		Water W.		g.m.	
m	EMERGENCY LIGHT	HJD 211		9					
4	HANGING-UP INDUSTRIAL LAMP	HGC 125-8 1*250W		25					
Ś	FLUORESCENT	HYG205-1C 1*40W		4				, and	· · · · · · · · · · · · · · · · · · ·
9	WATER ANDDUST PROOF OVERHEAD LIGHT	HXD217A 1*40W		ç 4					
۲-	CIRCULAR OVERHEAD LIGHT	HXD233A 1*40W	_	7					
<u>«</u>	WATER PROOF SOCKET	250V 10A		01					
٥	1 PHASE SOCKET	250V 10A		7			1900-2-10		
2	ONE SWITCH ENCLOSED	250V 10A		12					
	TWO SWITCH ENCLOSED	250V 10A		F-4					
12	POWER SUPPLY CABLE	W-1KV 3*25+1*16	E	49				· TED	~~
13	POWER SUPPLY CABLE	VV-1KV 3*6+1*4	E	35			de		
4	POWER SUPPLY CABLE	VV-1KV 3*4+1*2.5	E	61			opaky k m el m		
15	CABLE	BV-500V 2.5	E	750					
76	16 CABLE	BV-500V 4	E	250			incontrol control		
17	17 ELECTRIC PIPE	GS0	£	2				· ·	
8	ELECTRIC PIPE	G20	E	08					
21	ELECTRIC PIPE	G15	ш	320					

Shanghai Pudong International Airport Project (Fire Fighting and Rescue Facilities) Technological Design of Telephone For First Aid Garage

Itcm				Forcign Co	Foreign Cost Component	Local Cost	Local Cost Component	Combined
Ś	Description of Works	Cnit	Quantity		(Ycn)	(China	(China RMB)	Total
				Rate	Amount	Rate	Amount	China RMB
	Jumper Cabinet (XRHO1-1)	Sct	1					
4	Outlet Connection Unit	Sct	7					
w	Telephone Line	Σ	m					
4	Steel Pipe (G50)	Σ	16					
Ŋ	Steel Pipe (G15)	Σ	Ŋ					
9	Communication Cable	Σ	16					
							- Jeran	
			-				-Cut-Cut-	
							34-34	

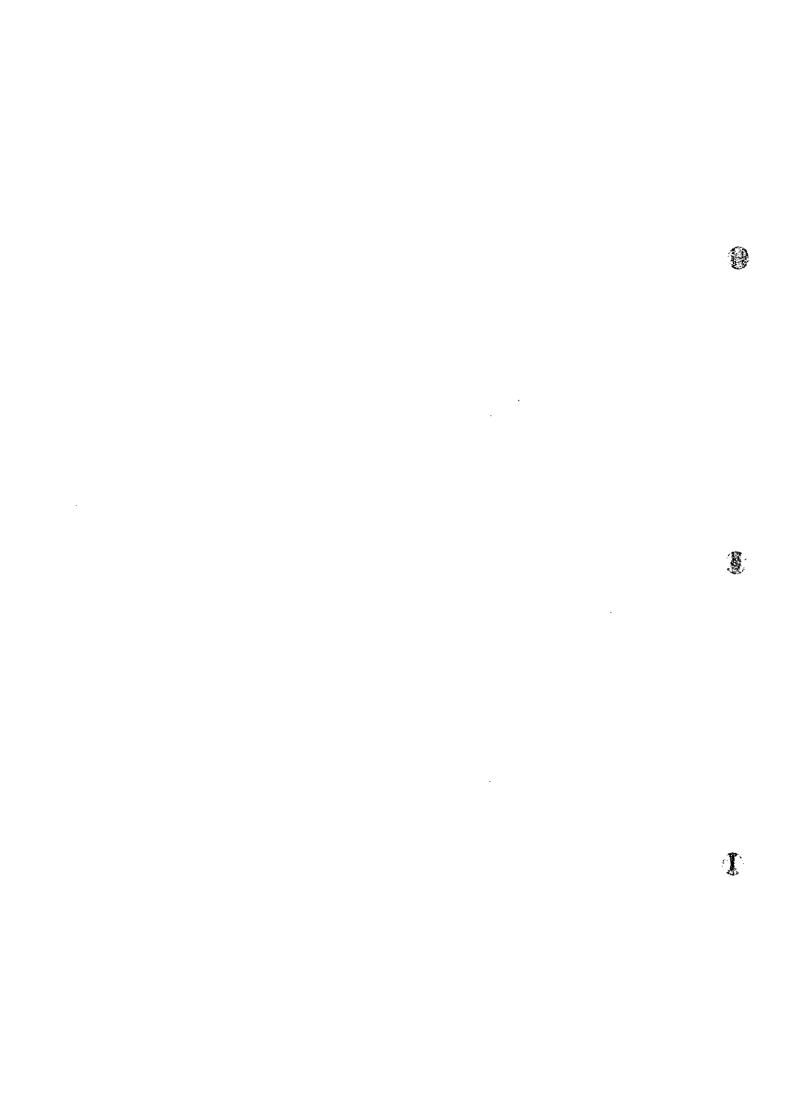
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Shanghai Pudong International Airport Project (Fire Fighting and Rescue Facilities) Indoor Water Supply And Sewage For first Aid Garage

Combined Total	China RMB							10. 40.400.000.000			AA & NOV. 40 % .			Dan Car of Artic	ناس من		
	il Cost Component (China RMB)	Amount								-Ndscon							
	Local (Ratc										.					
	Foreign Cost Component Local Cost Component (Yen) (China RMB)	Amount					م م			-				a Bandari'a Bari			
	Forcign (Rate											,				
C	Quantity		10	35	15	10	15	10	15	10	7	r-l	 4	end	4	4	
н	Unit		Σ	Z	Σ	×	Σ	Σ	Z	Z	Piece	Piece	Picce	Picce	Piece	Piece	
	rrks		DN80	DN65	DN50	DN40	DN25	DN15	DN100	DNS0	DN15	DNS0	DN40	DN25	MF8	SNA65	
	Description of Works		Galvanized steel pipe	Drainage cast iron pipe	Drainage cast iron pipe	Тар	Stop valve	Stop valve	Stop valve	Portable dry-powder extinguisher	Fire hydrant(90 single outlet)						
	Item No.		۲	7	т	4	Ŋ	9	1	∞	0	22	ij	12	13	77	

PART-2-3 Sub Fire Station

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Shanghai Pudong International Airport Project (Fire Fighting and Rescue Facilities)

Sub Fire Station (Building Works)

				Foreign C	Foreign Cost Component	3 S	Local Cost Component	Combined
ò.	Description of Works	Unit	Quantity		(Ycn)	(Chi	(China RMB)	China Total
:				Rate	Amount	Rate	Amount	RMB
	Foundation Works		10					
	Girder Strip Base C20 (H<1.5m)	M^3	209.87					
								A STATE OF THE STA
	Column & Beam Works		•					
7	R.C.Colums (C20) (H<1.8m)	M^3	46.08					
3	R.C.Beams (C30)	M^3	105.67					
4	Columns, Higher Than 3.6m, Add 3.0m	M^3	27.65					
5	Beams, Higher Than 3.6m, Add 3.0m	M^3	63.40					
	Walls Works	-						
9	Standard Brick Wall	M^2	718.63					
7	Standard Brick Partition	M ²	809.92					
8	Iron Sheet Rainwater Pipe (D45cm)	M	46.80					
6	Parapet Downspout Elbow (D100)	Set	6.00					·
10	Internal Scaffolding (H>3.6m)	M^2	565.95					
11	External Scaffolding (H<12m)	M^2	874.60					
12	Full Scaffolding (3.61 <h<5.80m)< td=""><td>M^2</td><td>1,142.33</td><td></td><td></td><td></td><td></td><td>-</td></h<5.80m)<>	M^2	1,142.33					-
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Shanghai Pudong International Airport Project (Fire Fighting and Rescue Facilities)

Sub Fire Station (Building Works)

				Foreign C	Foreign Cost Component		Local Cost Component	Combined
ö	Description of Works	Unit	Quantity		(Yen)	(Chi	(China RMB)	China Total
				Rate	Amount	Rate	Amount	RMB
	Slab, Ground, Proofworks							
13	Land Grading	M^2	665.28					
14	Indoor Backfill	M^2	665.28	-				
15	Bedding Mortar (Thickness=1cm)	M^2	164.07					
16	Bedding Concrete (Thickness=1cm C15)	M^2	543.78					
17	Ement Mortar Course Bonding Tile	M^2	556.86					
18	Asphalt Damp-Proof Course On Ground (One Felb Tow Pited)	M^2	85.50					
19	Level Coat Of Fine Ballast Concrete (Thickness=3cm)	M^2	66.66	-				,
20	Concrete Course (H=1cm) C10	M^2	43.62			-0024		
21	Level Coat Of Cement Mortar (Thickness=2cm)	M^2	1,086.78					
22	Hardwood Strip Flowing Floor	M^2	64.20					
23	Reinforced Fine Ballast Concrete Coat	M^2	393.21		V,340			
2	Bedding Mortar (Thickness=4cm)	M^2	392.79					
25	Per-0.5 Thickness Leveled Coat Of Concrete Mortar	M^2	392.79					
26	Paper-Faced Gypsum Ailing Without Person	M^2	221.97	-				
27	Glass Cloth Damp-Proof Course On Ground Lone Cloth The Pitch	M^2	643.08	:				





Shanghai Pudong International Airport Project (Fire Fighting and Rescue Facilities)

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Sub Fire Station (Building Works)

				Foreign (Foreign Cost Component	고 기	Local Cost	Combined
:			:)		Ŝ	Component	
óZ	Description of Works	ĊŽ.	Quantity		(Yen)	(Chi	(China RMB)	China Total
				Rate	Amount	Ratc	Amount	· · · RMB ·
28	Preiase Concrete Color Spab With Sand Course	M^2	614.88				*	
29	Cast-In Place Reinforced Concrete Bean And Shed	M^2	1,075.86					
30	Water Shed Flat Sunshading Board	M2	7.95				: :	:
31	31 Leveling Coat Of Fine Ballast Concrete Thichness=30cm	M^2	146.88	- - -		:		-
32	Steel Tube Handrail Along The Wall	M	20.70					
33	Monolithic R.C., Step C20	M^2	41.07					
34	Concrete Apron C15	M^2	65.88					
35	Concrete Ramp C15	M^2	122.40					yang palanggan.
36	Concrete Steps C20	M^2	12.60					
37	Cast-In-Site Slab (H<3.6m+3.0m)	M^2	645.52				encine 3.4	
	Door & Window Works							
38	Phywood-Vencered	M^2	84.61				-	
39	Sliding Window Silver Aluminum Allay	M^2	61.82			,,,,,		
40	Silver Aluminum Allay Casement Door	M^2	9.72			-		
41	Steel Wood Casement Door	$ M^2 $	70.74					

Shanghai Pudong International Airport Project (Fire Fighting and Rescue Facilities)

Sub Fire Station (Building Works)

							-	
				Foreign C	Foreign Cost Component	ე ლე	Local Cost Component	Combined
ġ Ż	Description of Works	Chit	Quantity	:	(Yen)	(Chin	(China RMB)	China Total
				Rate	Amount	Rate	Amount	RMB
	Finish Works							
42	Non Glazed Till 95*45	M_2^2	768.64					
43	Patlemed Tik Cement Mortar 150*150	\mathbb{Z}_2	405.54					
\$	Oil Paint Emulsion Paint	M_2^2	16.81					
\$	Five-Ply Wood Wall Faringand Dado	M^2	7.85					
46	Multi-Color Paint Wall And Columns	M^2	1,102.00					
47	Multi-Color Plaster Ceiling Slab	M^2	856.59					
	Acid-Resistant, Preservation, Heat Reserving Works							
48	1	\mathbb{M}^2	28.20				.,	
	Earth Works							
8	Earth Works	M³	850.00		1 M 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	

Shanghai Pudong International Airport Project (Fire Fighting and Rescue Facilities)

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	Combined Total	China RMB		
	Local Cost Component (China RMB)	Amount		
	Local Cost (China	Rate		
	Component	Amount		
- -	Foreign Cost Component (Yen)	Rate		, Prog. vi
	Quantity	<u> </u>	19 20.9 20.9 20.9 15	
	Unit	$\overline{}$	100 SQ.M. 100 SQ.M. 100 SQ.M. 100 SQ.M.	
Sub Fire Station PAVING	Description of Works		1 G30 CEMENT CONCRETE 22CM 2 2CM FINE STONE LEVELLING 3 15CM SECOND COAT CRUSHED STONE 4 15CM SECOND COAT CRUSHED STONE 5 GREENERY PATCHES	
Sub F	Itcm No.		- 1,5,5,4,6	

Shanghai Pudong International Airport Project (Fire Fighting and Rescue Facilities) SUB FIRE STATION POWER SUPPLY SYSTEM

Item				Toroion Co	Toroign Cost Commonst	1, 20, 100		
Š	Description of Works	ر ر	UnidOuantity		(Yen)	China	(China RMR)	Total
			<i>*</i>	Rate	Amount	Rate	Amount	China RMB
	POWER DISTRIBUTION BOX	XL-51						
4	LIGHTING/RECEPTACLE DISTRIBUTION BOX	PXT (R) -4	m					
w	FIRE ALARM CONTROL POWER	24V						
4	EXHALIST FAN POWER CONTROLPANEL		 -	······				
ν,	FIRE SOUND AND SHINE ALARM	HX100	15					
<u>ه</u>	EMERGENCY LIGHT	HJD 211	39	···-				
<u>۰</u>	HANGING-UP INDUSTRIAL LAMP	HGC 125-8 1*250W	15	·				
<u>د</u>	ONE TUBE GRILLE FLUORESCENT	HYG329-1C 1*40W	19					A
<u>م</u>	TWO TUBE GRILLE FLUORESCENT	HYG329-2C 1*40W	20					
2	BLAST FLUORESCENT	YB 3E-40 1*40W	F					
=	WATER ANDDUST PROOF OVERHEAD LIGHT	HXD217A 1*40W	2		7			LARCI
2	CIRCULAR OVERHEAD LIGHT	HXD233A 1*40W	4					
<u></u>	WALL FITTING	HBD 361 1*60W	_				A Zerovia so	
7	MAIN FIRE STATION SECTION ENVIRONMENT LIGHTING	HJ879C 4*200W	4	n-ww				and the same
55	I PHASE SOCKET	250V 10A	26	10 3 4.4.				
2	WATER PROOF SOCKET	250V 15A	4	· ·				
	3 PHASE SOCKET	380V 15A	9	·····				
8	ONE SWITCH ENCLOSED	250V 10A	33					h. Mark Deputs
6	TWO SWITCH ENCLOSED	250V 10A	4					
20	THREE SWITCH ENCLOSED	250V IOA	7					
7	DOUBLE-CONTROL SWITCH	250V 10A	4					AC - A CO
22	BLAST SWITCH	250V 10A	~ √				₩ S Mar	
33	BLAST AXIAL FAN CONTROL BUTTON	380V SA						, MOS.
24	POWER INTAKE CABLE	VV22-1KV 3*70+1*35	08 m		-			
23	POWER INTAKE CABLE	VV22-1KV 2*4	m 260					
					,		7	

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Shanghai Pudong International Airport Project (Fire Fighting and Rescue Facilities) SUB FIRE STATION POWER SUPPLY SYSTEM

2	2	SOR INC STATISTICS OF STATES								
<u> </u>	Item					Foreign Cos	Foreign Cost Component Local Cost Component	Local Cost	Component	Combined
-	ģ	Description of Works	<u> </u>	<u>Ā</u>	UnidQuantity	\(\frac{1}{2}\)	(Ycn)	(China	(China RMB)	Total
						Rate	Amount	Rate	Amount	China RMB
<u>L</u>	92	POWER SUPPLE CABLE	VV-1KV 3*16+1*10	E	s					
:	27	27 POWER SUPPLE CABLE	VV-1KV 3*10+1*6		50					A-3-C00
	28	POWER SUPPLE CABLE		<u>۔</u>	52					
	S	POWER SUPPLE CABLE	VV-1KV 3*4+1*2.5	<u> </u>	20					
	30	CABLE	BV-500V 16	E	250					
	33	CABLE	BV-500V 10		06					
	32	CABLE		E	180					
-	33	CABLE	BV-500V 4	æ	1160			,		
	35	CABLE	BV-500V 2.5	E	2500					
	35	FLEXIBLE CABLE	RV-2*1.5		140					
<i>3</i> 7	36	ELECTRIC PIPE	G40	E	20			. 4706 074.0		
	37	ELECTRIC PIPE		E	20				-	
	38	ELECTRIC PIPE		E	30					
	39	ELECTRIC PIPE	G20	E	8			··· ··································		
	07	40 ELECTRIC PIPE	G15	m	1540					

Shanghai Pudong International Airport Proicct (Fire Fighting and Rescue Facilities) Technological Design of Telephone Broadcast And TV Wiring For Sub Fire

1									
Description of Works Unit Quantity (Yen) (China RMB)	Item		·		Foreign Cost	t Component	Local Cost	Component	Combined
Samurication Cable Jumer Cablinet (Xillol-7)	2 Z	Description of Works	Cnit	Quantity	χ)	cn)	(Ching	RMB)	Total
Jumper Cabinet (XRII01-7) Set Jumper Cabinet (XRII01-2) Set TV Cabinet Set Two Branch of TV Set TV Socket Set Broadcast Socket Set Loud-speaker (5 W) Set Loud-speaker (10 W) M Coaxial Cable M Broadcawt Cable M Steel Pipe (G25) Kg Steel Pipe (G15) Kg Steel Pipe (G15) M Communication Cable IIPVY (5 x 2 x 0.5) M Buty Dest IIPVY (5 x 2 x 0.5) M Red brick Red brick Picce					Ratc	Amount	Rate	Amount	China RMB
Jumper Cabinet (XRII01-2) Ty Cabinet Ty Cabinet Two Branch of Ty Ty Socket Ty Socket Broadcast Socket Loud-speaker (5 W) Coaxial Cable Steel Pipe (650) Steel Pipe (650) Steel Pipe (615) Steel Pipe (515) Communication Cable Ilyy2 (5 x 2 x 0.5) M Communication Cable Ilyyy (5 x 2 x 0.5) M Red brick Red brick		Jumper Cabinet (XRN01-7)	Sct	Į					
TV Cabinet Sct Outlet Connection finit Sct Two Branch of TV Sct TV Socket Sct Broadcast Socket Sct Loud-speaker (5 W) Sct Loud-speaker (10 W) Sct Telephone Line M Coaxial Cable M Steel Pipe (625) Kg Steel Pipe (625) Kg Steel Pipe (625) Kg Steel Pipe (625) M Communication Cable IIYY2 (5 x 2 x 0.5) M Communication Cable IIPYY (5 x 2 x 0.5) M Duty Dest IIPYY (5 x 2 x 0.5) M Red brick Picce Picce	73	Jumper Cabinet (XRN01-2)	Sct	–					
Outlet Connection Unit Set Two Branch of TV Set TV Socket Set Broadcast Socket Set Loud-speaker (5 W) Set Loud-speaker (10 W) Set Loud-speaker (10 W) M Telephone Line M Coaxial Cable M Steel Pipe (650) Kg Steel Pipe (650) Kg Steel Pipe (650) Kg Steel Pipe (650) Kg Steel Pipe (615) Kg Communication Cable Kg Ilyy2 (5 x 2 x 0.5) M Duty Dest Ilpyy (5 x 2 x 0.5) M Red brick Red brick	6	TV Cabinet	Sct	pr4					
Two Branch of TV Set TV Socket Sct Broadcast Socket Sct Loud-speaker (5 W) Sct Loud-speaker (10 W) Sct Loud-speaker (10 W) M Coaxial Cable M Broadcawt Cable Kg Steel Pipe (650) Kg Steel Pipe (615) Kg Steel Pipe (615) Kg Communication Cable M Ilpyy (5 x 2 x 0.5) M Buty Dest Ilpyy (5 x 2 x 0.5) M Red brick Picce	4	Outlet Connection Unit	Sct	10					•
TV Socket	Ŋ	Two Branch of TV	Set	Ŋ					
Broadcast Socket	9	TV Socket	Sct	10					
Loud-speaker (5 W) Loud-speaker (10 W) Telephone Line Coaxial Cable Broadcawt Cable Steel Pipe (G50) Steel Pipe (G25) Steel Pipe (G15) Communication Cable Ilyy2 (5 x 2 x 0.5) M Duty Dest Red brick Red brick	^	Broadcast Socket	Sct	6					
Loud-speaker (10 %) Telephone Line Coaxial Cable Broadcawt Cable Steel Pipe (650) Steel Pipe (625) Steel Pipe (615) Steel Pipe (615) Communication Cable Ilyy2 (5 x 2 x 0.5) Communication Cable Ilyy2 (5 x 2 x 0.5) M Duty Dest Red brick Red brick	œ	Loud-speaker (5 W)	Set	9					
Telephone Line Coaxial Cable Broadcawt Cable Steel Pipe (G50) Steel Pipe (G15) Steel Pipe (G15) Communication Cable Ilyy2 (5 x 2 x 0.5) M Duty Dest Red brick Red brick	0	Loud-speaker (10 W)	Sct	ო					
Coaxial Cable M	10	Telephone Line	Σ	170					
Broadcawt Cable		Coaxial Cable	Σ	09					
Steel Pipe (G50)	12	Broadcawt Cable	Σ	120					
Steel Pipe (G25) Steel Pipe (G15) Communication Cable Ilyy2 (5 x 2 x 0.5) Communication Cable Ilpyy (5 x 2 x 0.5) Duty Dest Ilpyy (5 x 2 x 0.5) Red brick Red brick	13	Steel Pipe (G50)	Kg	15					
Steel Pipe (G15)	4	Steel Pipe (G25)	×	10					
Communication Cable IIYV2 (5 x 2 x 0.5) M Communication Cable IIPVV (5 x 2 x 0.5) M Duty Dest IIPVV (5 x 2 x 0.5) M Red brick Red brick	15	Steel Pipe (G15)	X	45					
IIYY2 (5 x 2 x 0.5) M Communication Cable IIPYY (5 x 2 x 0.5) M Duty Dest IIPYY (5 x 2 x 0.5) M Red brick Piece Piece	16	Communication Cable							
Communication Cable IIPVV (5 x 2 x 0.5) M Duty Dest IIPVV (5 x 2 x 0.5) M Red brick		IIYV2 $(5 \times 2 \times 0.5)$	Σ	44					
	2	Communication Cable							
Duty Dest 11PVV (5 x 2 x 0.5) Red brick Picce		×	*	9					
Red brick (5 x 2 x 0.5) M Picce	<u>«</u>	Duty Dest	Set		-				
Red brick Piece		IIPVV (5 x 2 x 0.5)	Σ	 <			•		
	61		Picce	008				:	

Shanghai Pudong International Airport Project (Fire Fighting and Rescue Facilities)

SUB FIRE STATION AC

Rate Amount
<i>ب</i>
'n
SET
U=220V Q _t =4.85KW
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Shanghai Pudong International Airport Project (Fire Fighting and Rescue Facilities)

SUB FIRE STATION EXHAUST

Itcm					Forcign Cost Component	Component	Local Cost	Local Cost Component	Combined
ċ	. Description of Works		Cnit	Quantity	(Yen)	(uc	(China	(China RMB)	Total
					Ratc	Amount	Ratc	Amount	China RMB
,	LOW-NOISE DIAGONAL	SWF7#							
	FLOW FAN	L=15334m³/h							
		H=370Pa							
		N=4KW						-	
		U=380V							
7		BDZ-12 3C#		e-4					
	LOW-NOISE AXIAL FAN	L=1600m ³ /h							
		N=0.06KW							
_		U=380V						مد ندرند	
'n	EXHAUST FAN	L=1200m ³ /h							
		N=50W							
		U=220V							
4	ALUMINUM ALLOY SINGLE- 500X320	500X320		9					
	LAYER LOUVER VENT								
S	MICRO-POROUS PLATE	1000X500		₹ ~4					
	SILENCER	L=2000mm/							
9	GALVARNIZED STEEL PLATE)=1.0mm)=1.0mm	°E	110					
^	UMBRELLA-TYPE HOOD	12#		e-4					
								○-3 -√-5-*	
							:		
									Parker To
			-					-	Para di la constanti di la con
		30,000							

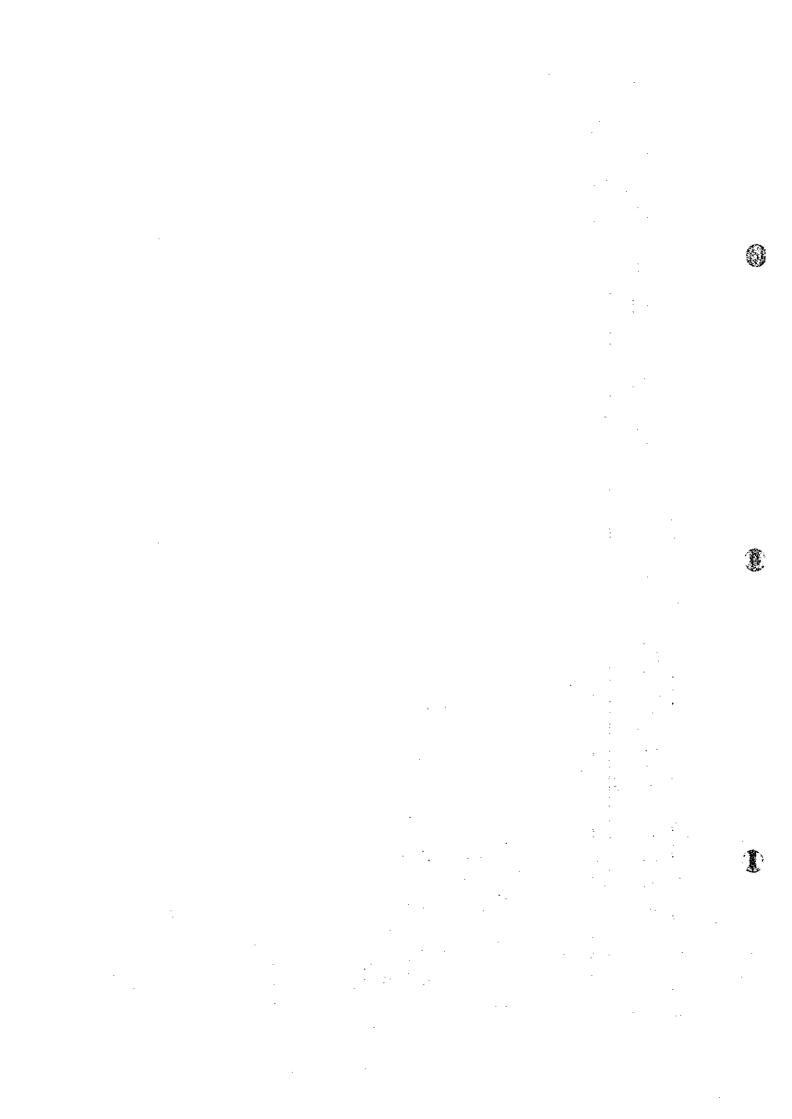
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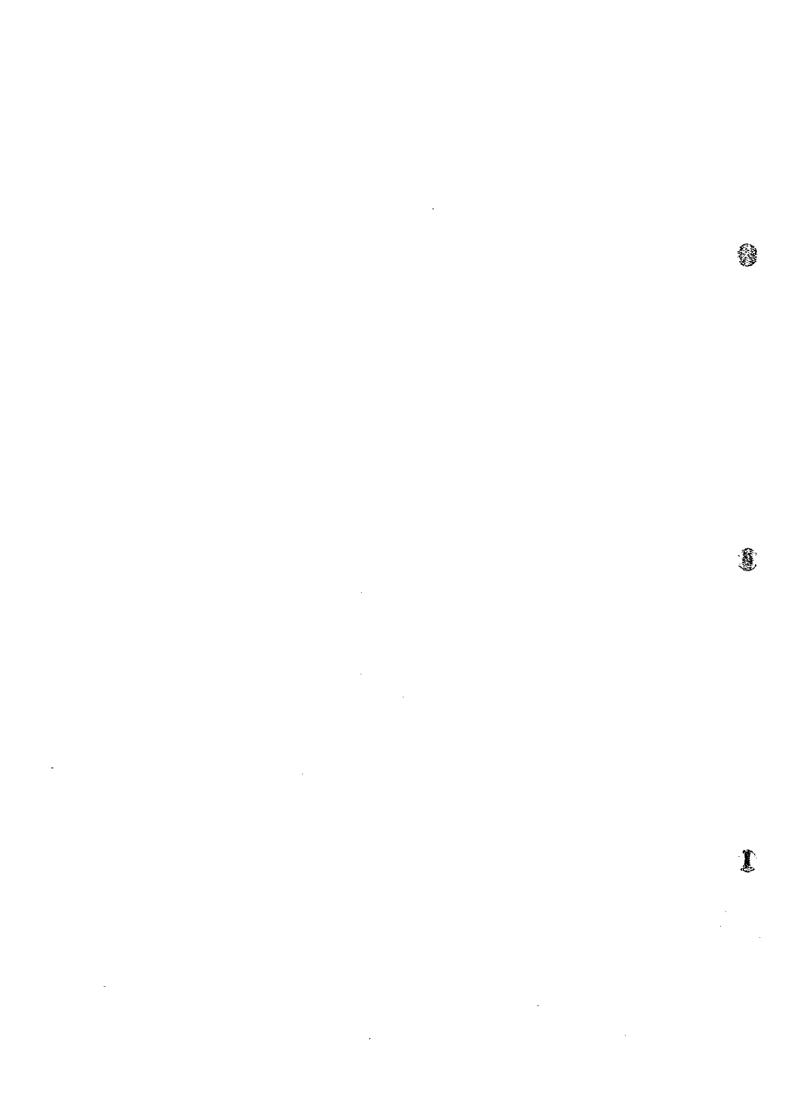
Shanghai Pudong International Airport Proje. (Airside Civil Works) Indoor Water Supply And Drainage For Sub fire Station

Itcm					Foreign Cost Component	Local Cost Component	Combined
ź	Description of Works		Cnit	Quantity	(Yen)	(China RMB)	Total
	Item	Model/Size			Rate Amount	Rate Amount	China RMB
	GALVANIZED STEEL PIPE	DNIS	E	15			
73	GALVANIZED STEEL PIPE	DN20	٤	æ	B-G		
m	GALVANIZED STEEL PIPE	DN25	E	25			
4	GALVANIZED STEEL PIPE	DN32	E	11			
v)	GALVANIZED STEEL PIPE	DN40	E	12			
હ	GALVANIZED STEEL PIPE	DN50	E	ų.			
۲-	GALVANIZED STEEL PIPE	DN65	E	16			
ж	GALVANIZED STEEL PIPE	DN%0	E	17			
<u>د=-</u>	CAST IRON PIPE FOR DRAINAGE	DNS0	E	15			
2	CAST IRON PIPE FOR DRAINAGE	DN75	E	٥			
=	CAST IRON PIPE FOR DRAINAGE	DN100	E	- 71			
27	FAUCET	DNIS		٥			
Ω.	STOP VALVES	DN25					
7	STOP VALVES	DN32		m			
15	STOP VALVES	DN40		71		-	
9	WASHING BASIN	\$60X480		4	_		
77	WASHING SINK	610X460		,(
ž	W.C PAN			•			
19	URINAL			9		, and Carlo	
ຊ	SHOWER NOZZLE			m			
73	HOT WATER HEATER	1.5%w		'n			
ដ	BOILING WATER	9.0Kw					
а	FLOOR DRAIN	DNS0					
\$	FLOOR DRAIN	DN75					
প্ত	INSPETION HOLE	DN100		1			
8	VENT CAP			-			-
23	FIRE EXTINGUISHER			8			
প্ল	FIRE HYDRANT	DN65		4			



PART-2-4 Fire Hydrant And Pump Room

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Fire Pump Station (Building Works)

				Fore	Foreign Cost Component	Local Cos	Local Cost Component	Combined
Š.	Description of Works	Cnit	Quantity	· ·	(Yen)	(Chir	(China RMB)	China Total
			·	Rate	Amount	Ratc	Amount	RMB
	Foundation Works			-				
1	Standard Of Brick Foundation Without R.C. Waterproof Bend	M^3	29.19					
2	Girder Strip Base C20 (H<1.5m)	M^3	38.07			-		
	Column & Beam Works							
8	R.C.Beams (C30)	M^3	7.10					
4	Columns, Higher Than 3.6m, Add 3.0m	M^3	8.10					
S	Beams, Higher Than 3.6m, Add 3.0m	M^3	7.11					
	Walls Works							
٧	Standard Brick Wall	M^2	366.47					
۲-	Standard Brick Partition	M^2	183.60					
œ	Iron Sheet Rainwater Pipe (D45cm)	M	20.60					
٥	Parapet Down spout Elbow (D100)	Set	4.00					
ន	External Scaffolding (H<12m)	M^2	518.40	_				
11	Internal Scaffolding (H>3.6m)	M_2^2	194.40					
12	Full Scaffolding (3.61 <h<5.80m)< td=""><td>M_2^2</td><td>294.74</td><td></td><td></td><td></td><td></td><td></td></h<5.80m)<>	M_2^2	294.74					

Shanghai Pudong International Airport Project (Fire Fighting and Rescue Facilities)

Fire Pump Station (Building Works)

				ည ို့ လိ	Foreign Cost Component	Local Cos	Local Cost Component	Combined
S.	Description of Works	Chrit	Quantity		(Yen)	(Chin	(China RMB)	China Total
				Rate	Amount	Rate	Amount	RMB
	Ground, Floor Roof Works							
13	Land Grading	Ž	294.74					
14	Indoor Backfill	\mathbb{Z}_2	294.74					
15	S Bedding Mortar (Thicknees=1cm)	M^2	284.31					
91	Bedding Concrete (Thicknees=1cm C15)	\mathbb{Z}_2	284.31					
2	Cement Mortar Coat Polishing And Solidifying Thicknes=2cm	M^2	284.31					
∞	Cast-In Place Reinforced Concrete Bean And Shed	M^2	294.74					
2	Cast-In-Place Slab (H<3.6m+3.0m)	M^2	294.74					
8	Concrete Apron C15	M^2	63.32					
지	Concrete Ramp C15	M^2	56.88					
22	Multicolored Spray-On Ceiling	M^2	294.74					
23	Level Coat Of Cement Mortar (Thickness=2cm)	M^2	568.62					
75	Waterproof Layer With E.P.D.M. Of Roof, H=1 mm	M^2	294.74					
25	Concrete Steps C20 With Cement Dressing	M^2	1.80					
97	Water Shed Flat Sun-shading Board	M^2	17.88					
	Door & Window Works							
7.7	Sliding Window Silver Aluminum Allay	M^2	7.56					
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			Fore: Con	Foreign Cost Component	Local Cos	Local Cost Component	Combined
Description of Works	Cnit	Quantity)	(Yen)	(Chir	(China RMB)	China Total
			Rate	Amount	Rate	Amount	RMB
Plywood-Veneered	M^2	10.08					
Silver Aluminunm Allay Louver Window	$ M^2 $	3.70					
Silver Aluminum Allay Casement Door	$ M^2 $	2.43					
Steel Window In The Transformer Bank	$ \mathcal{M}^2 $	29.16					
Steel window With Screen	$ M^2 $	5.40					
Door & Window Works							
Multi-Color Paint Wall And Columns	$ M^2 $	742.58					
Non Glazed Till 95*45	$ M^2 $	470.15					
Acid-Resistant, Preservation, Heat Reserving Work							
Cast-in-site perlite concrete	$ M^3 $	13.26					
		-					
Earth Works							
	M ³	154.00					
	aint Wall And Columns ill 95*45 it, Preservation, Heat Reserving Work stlite concrete	nd Columns ttion, Heat Reserving Work te	1d Columns M^2 1tion, Heat Reserving Work M^3 1ce M^3	1d Columns M^2 1tion, Heat Reserving Work M^3 1ce M^3	ad Columns M^2 ttion, Heat Reserving Work M^3 ie M^3	ad Columns M^2 M^2 M^2 M^2 M^3 M^3 M^3 M^3 M^3 M^3	ad Columns M^2 M^2 M^2 M^2 M^3 M^3 M^3 M^3 M^3 M^3

Shanghai Pudong International Airport Project (Fire Fighting and Rescue Facilities)

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FIRE PUMP STATION POWER SUPPLY L	
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No. Description of Works Unit Quantity Rate Amount Rate Amount China RMB 1 Illiede-PullaSE Transference Strib -100/10/0.4 2 2 4 4 4 4 4 4 4	Itcm					Foreign Cost	Foreign Cost Component	Local Cos	Local Cost Component	Combined
HighEr-Hisse Transformer Rate Amount Rate Rate Amount Rate Rate Amount Rate Rate Rate Amount Rate	Š	Description of Works		Unit	Quantity	(7	cn)	(Chin	a RMB)	Total
TIIRGE-PIASE TRANSFORMER	:					Rate	Amount	Ratc	Amount	China RMB
IIIGII -VOLTAGE SWITCII BOARD ZSI 018 IIIGII -VOLTAGE SWITCII BOARD ZSI 028 IIIGII -VOLTAGE SWITCII BOARD ZSI 022 LOW-VOLTAGE SWITCII BOARD MNS-05 LOW-VOLTAGE SWITCII BOARD MNS-23-73*3 LOW-VOLTAGE SWITCII BOARD MNS-07 LECTRIC CONTROL SWITCH BOARD SMC-00 TILES FOR VALVE RESSUR Y-150 - 220 METER RELAY LA10-2K LOW-VOLTAGE BUTTON LA10-2K LA10-2K LA10-2K LIGHTING/RECEPTACIE DISTRIBU XRM102-07-1 TION BOX SSWITCH MATER AND DUST PROOF OVERH-HD3215-2 EAD LIGHT MALL FITTING WALL FITTING HD1009 FLUORESCENT HD5025 HD1009 FLUORESCENT HD5025 HD1009 HD1009 HD1008 HD105 HD1009 HD1009 HD1008	_	THREE-PHASE TRANSFORMER	SCR-400/10/0.4		2			_		
IIIGII -VOLTAGE SWITCII BOARD 2S1 028 IIIGII -VOLTAGE SWITCII BOARD 2S1 002 LOW-VOLTAGE SWITCII BOARD MNS-05 LOW-VOLTAGE SWITCII BOARD MNS-23-73*3 LOW-VOLTAGE SWITCII BOARD MNS-60*3 LOW-VOLTAGE SWITCII BOARD MNS-60*3 LOW-VOLTAGE SWITCII BOARD MNS-07 VALVE CONTROL SWITCH BOARD SMC-00 ITIES FOR VALVE SMC-00 ITIES FOR VALVE SMC-11 ELECTRIC CONNECTION PRESSUR Y-150-220 METER RELAY I.FK-10 CONTROL BUTTON L.FK-10 CONTROL BUTTON L.FK-10 CONTROL BUTTON L.A10-2K IPHASE SOCKET LA10-2K LIGHTING/RECEPTACIE DISTRIBU XRM102-07-1 TION BOX SSWITCH WALL FITTING HD1009 FLUORESCENT HD5025 HD1008 FLUORESCENT HD5025	73	HIGH -VOLTAGE SWITCH BOARD	251 018	-	7					
III GII -VOLTAGE SWITCH BOARD ZSI 002	'n	HIGH -VOLTAGE SWITCH BOARD	ZS1 028		7				:	
LOW-VOLTAGE SWITCH BOARD MNS-23-73*3 LOW-VOLTAGE SWITCH BOARD MNS-23-73*3 LOW-VOLTAGE SWITCH BOARD MNS-60*3 MNS-60*3 MNS-60*3 LOW-VOLTAGE SWITCH BOARD SMC-00 ITIES FOR VALVE RC-00 ITIES FOR VALVE RC-10 ELECTRIC CONNECTION PRESSUR Y-150 -220 METER RL1-15A RELAY IZR-441-220V VALVE CONTROL UNIT LFK-10 - CONTROL BUTTON LA10-2K LIGHTING/RECEPTACLE DISTRIBU XRM102-07-1 TION BOX SWITCH WATER AND DUST PROOF OVERH HD3215-2 EAD LIGHT WALL FITING FLUORESCENT HD1009 FLUORESCENT HD3025	4	HIGH -VOLTAGE SWITCH BOARD	ZS1 002		7			:		
LOW-VOLTAGE SWITCH BOARD MNS-23-73*3 LOW-VOLTAGE SWITCH BOARD MNS-60*3 LOW-VOLTAGE SWITCH BOARD MNS-60*3 LOW-VOLTAGE SWITCH BOARD MNS-07 VALVE CONTROL SWITCH BOARD S00*750*2200 ELECTRICALLY OFERATED FACIL SMC-00 ITHES FOR VALVE RC-00 ELECTRIC CONNECTION PRESSUR Y-150 ~220 METER RL1-15A RELAY IZ8-441-220V VALVE CONTROL UNIT LFK-10 CONTROL BUTTON LA10-2K LIGHTING/RECEPTACLE DISTRIBU XRM102-07-1 TION BOX SWITCH 250V 5A WATER AND DUST PROOF OVERH-HD3215-2 EAD LIGHT WALL FITTING HD1009 FLUORESCENT HD5025	S		MNS-05		7					
LOW-VOLTAGE SWITCH BOARD WNS-07 VALVE CONTROL SWITCH BOARD WALL HITTING WALL HITTING WNS-07 WNS-	૭	LOW-VOLTAGE SWITCH BOARD	MNS-23-73*3		7				:	
LOW-VOLTAGE SWITCH BOARD VALVE CONTROL SWITCH BOARD 800*750*2200 ELECTRICALLY OFERATED FACIL SMC-00 ITHES FOR VALVE ELECTRIC CONNECTION PRESSUR Y-150220 METER FUSE RELAY VALVE CONTROL UNIT CONTROL BUTTON LA10-2K 1PHASE SOCKET LIGHTING/RECEPTACLE DISTRIBU XRM102-07-1 TION BOX SWITCH WATER AND DUST PROOF OVERH-HD3215-2 EAD LIGHT WALL FITTING HD5025 HD5025	^	LOW-VOLTAGE SWITCH BOARD	MNS-60*3		63			,	-	
VALVE CONTROL SWITCH BOARD 800*750*2200 ELECTRICALLY OFERATED FACIL SMC-00 ITIES FOR VALVE ELECTRIC CONNECTION PRESSUR Y-150220 METER FUSE RELAY VALVE CONTROL UNIT CONTROL BUTTON LA10-2K 1PHASE SOCKET LIGHTING/RECEPTACLE DISTRIBU XRM102-07-1 TION BOX SWITCH WATER AND DUST PROOF OVERH HD3215-2 EAD LIGHT WALL FITTING HD5025 HD5025	∞	:	MNS-07	•	~					
ELECTRICALLY OFERATED FACIL SMC-00 ITIES FOR VALVE ELECTRIC CONNECTION PRESSUR Y-150 ~220 METER FUSE RELAY VALVE CONTROL UNIT CONTROL BUTTON LA10-2K IPHASE SOCKET LIGHTING/RECEPTACLE DISTRIBU XRM102-07-1 TION BOX SWITCH WATER AND DUST PROOF OVERH-HD3215-2 EAD LIGHT WALL FITTING FLUORESCENT HD1009 FLUORESCENT HD5025	6	VALVE CONTROL SWITCH BOARD	800*750*2200		 -				:	
ELECTRIC CONNECTION PRESSUR Y-150 ~220 METER FUSE RLJ-15A RLJ-15A RLJ-15A 128-44J-220V VALVE CONTROL UNIT LA10-2K LA10-2K 1PHASE SOCKET LIGHTING/RECEPTACLE DISTRIBU XRM102-07-1 TION BOX SWITCH WATER AND DUST PROOF OVERH-HD3215-2 EAD LIGHT WALL FITTING HD1009 FLUORESCENT HD5025	130	ELECTRICALLY OPERATED FACIL	SMC-00		9		-			
ELECTRIC CONNECTION PRESSUR Y-150 ~220 METER FUSE RELAY VALVE CONTROL UNIT CONTROL BUTTON LA10-2K 1PHASE SOCKET LIGHTING/RECEPTACLE DISTRIBU XRM102-07-1 TION BOX SWITCH WATER AND DUST PROOF OVERH-HD3215-2 EAD LIGHT WALL FITTING HD1009 FLUORESCENT HD5025	,	ITIES FOR VALVE		ī			-	:	:	
METER RL1-15A FUSE 728-44J-220V VALVE CONTROL UNIT LFK-10 CONTROL BUTTON LA10-2K 1PHASE SOCKET 250V 15A LIGHTING/RECEPTACLE DISTRIBU XRM102-07-1 250V 5A YION BOX 250V 5A SWITCH 250V 5A WATER AND DUST PROOF OVERH-HD3215-2 EAD LIGHT WALL FITTING HD1009 FLUORESCENT HD5025	딞	ELECTRIC CONNECTION PRESSUR	Y-150 ~220		ო			:		
FUSE RLJ-15A RELAY 128-44J-220V VALVE CONTROL UNIT LFK-10 CONTROL BUTTON LA10-2K IPHASE SOCKET 250V 15A LIGHTING/RECEPTACLE DISTRIBU XRM102-07-1 250V 5A YMON BOX 250V 5A SWITCH 250V 5A WATER AND DUST PROOF OVERH-HD3215-2 EAD LIGHT WALL FITTING HD1009 FLUORESCENT HD5025		METER							~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
RELAY VALVE CONTROL UNIT LFK-10 CONTROL BUTTON LA10-2K LIGHTING/RECEPTACLE DISTRIBU XRM102-07-1 TION BOX SWITCH WATER AND DUST PROOF OVERH-HD3215-2 EAD LIGHT WALL FITTING FLUORESCENT HD5025 FLUORESCENT HD5025	22	FUSE	RLI-15A	÷	·	-				dekine rik
VALVE CONTROL UNIT CONTROL BUTTON IPHASE SOCKET LIGHTING/RECEPTACLE DISTRIBU XRM102-07-1 TION BOX SWITCH WATER AND DUST PROOF OVERH-HD3215-2 EAD LIGHT WALL FITTING FLUORESCENT HD5025	13	RELAY	JZ8-44J-220V	1	m					-
CONTROL BUTTON IPHASE SOCKET LIGHTING/RECEPTACLE DISTRIBU XRM102-07-1 TION BOX SWITCH WATER AND DUST PROOF OVERH-HD3215-2 EAD LIGHT WALL FITTING FLUORESCENT HD1009 FLUORESCENT HD5025	7	VALVE CONTROL UNIT	LFK-10	:	9	-			:	
IPHASE SOCKET LIGHTING/RECEPTACLE DISTRIBU XRM102-07-1 TION BOX SWITCH WATER AND DUST PROOF OVERH-HD3215-2 EAD LIGHT WALL FITTING FLUORESCENT HD5025	15	CONTROL BUTTON	LA10-2K		m				7m-4-2mm/	
LIGHTING/RECEPTACLE DISTRIBU XRM102-07-1 TION BOX SWITCH WATER AND DUST PROOF OVERH-HD3215-2 EAD LIGHT WALL FITTING HD1009 FLUORESCENT HD5025	16	1PHASE SOCKET	250V 15A		73					
TION BOX SWITCH SWITCH WATER AND DUST PROOF OVERH-HD3215-2 EAD LIGHT WALL FITTING FLUORESCENT HD5025	17	LIGHTING/RECEPTACLE DISTRIBU	XRM102-07-1		₩					
SWITCH WATER AND DUST PROOF OVERH-HD3215-2 EAD LIGHT WALL FITTING FLUORESCENT HD5025		TION BOX				-				
WATER AND DUST PROOF OVERH-HD3215-2 EAD LIGHT WALL FITTING FLUORESCENT HD5025	38	SWITCH	250V 5A		~	-	-			
EAD LIGHT WALL FITTING FLUORESCENT HD5025	ន	WATER AND DUST PROOF OVERH-	HD3215-2	-	~				· · · · · · · · · · · · · · · · · · ·	
WALL FITTING HD1009 FLUORESCENT HD5025		EAD LIGHT								
FLUORESCENT HD5025	8		HD1009	-	∞					
	[5]	FLUORESCENT	HD5025							

Shanghai Pudong International Airport Project (Fire Fighting and Rescue Facilities) FIRE PUMP STATION POWER SUPPLY LIGHTING

<u> </u>	Item	-			Foreign Cost	Foreign Cost Component	Local Co.	Local Cost Component	Combined
Ź	No. Description of Works		Unit	Quantity	χ)	(Yen)	(Chir	(China RMB)	Total
				L—	Ratc	Amount	Rate	Amount	China RMB
12	22 CEILING FAN	FREE		1					
4	23 HANGING UP INDUSTRIAL LAMP	HD3201-2	<u> </u>	∞				,	
7)	24 3-PHASE SOCKET	380V 15A		m					of agreed or special
<u>~~</u>	25 SWITCH ENCLOSED	250V SA		20					
	26 CABLE	BV-500 2.5mm ²	METER	250					an and and the
<i>γ</i>	27 CABLE	BV-500 4mm ²	METER	20					
~	28 LIGHTINING DISCHARGE WIRE	D8 CIRCLE STEEL	METER	140					
<u>ν</u>	29 GROUNDING ELECTRODE	50*50*5*2500	METER	8					
	30 EARTH WIRE	40*4	METER	200					
<u></u>	31 ELECTRIC PIPE	G100	METER	8				~~~	
(J)	32 ELECTRIC PIPE	080	METER	30			Macyzona		
(U)	33 ELECTRIC PIPE	G40	METER	105			-		w
	34 ELECTRIC PIPE	G20	METER	35				-	
(L)	35 ELECTRIC PIPE	G15	METER				nd-silve-Deal		t did a servi
(L)	36 POWER INTAKE CABLE	YLB-10KV 3*50	METER				-		
(L)	37 POWER SUPPLY CABLE	VV-1KV 3*95+1*50	METER	8					
(v)	38 POWER SUPPLY CABLE	VV-1KV 3*16+1*10	METER	-					
(T)	39 POWER SUPPLY CABLE	VV-1KV 3*4+1*2.5	METER	185					≥ -3 na (s
4	40 POWER CONTROL CABLE	KVV-500 19*1.5	METER	150			ilan kelkan		
	41 POWER CONTROL CABLE	KVV-500 6*1.5	METER	88					
	42 POWER CONTROL CABLE	KVV-500 5*2.5	METER	20			3 (D-49) B-		
4	43 CONTROL BUTTON BOX	LA10-2KAN		3			~~//L->-		-

Shanghai Pudong International Airport Project (Fire Fighting and Rescue Facilities) Technological Design of Telephone For Fire Pump Station

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Combined	Total	China RMB																			-			
Local Cost Component	(China RMB)	Amount																	:					
Local Cost	(China	Rate																-						
Foreign Cost Component	(Yen)	Amount																- :		-			-	
Foreign Co.		Ratc								ان ده وحصور	***************************************	**************************************			`						-			
	Quantity		F-4	2	m	20	20	20														·		
	Ë		Sct	Sct	Σ	Σ	Σ	Σ	· · · · · · · · · · · · · · · · · · ·	 .*.										- -				
	Description of Works		Jumper Cabinet (XRH01-1)	Outlet Connection Unit	Telephone Line	Steel Pipe (650)	Steel Pipe: (G15)	Communication Cable																
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Shanghai Pudong International Airport Project (Fire Fighting and Rescue Facilities)

FIRE PUMP STATION AC

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Item	2)				Foreign Cost	Foreign Cost Component	Local Cost Component	omponent	Combined
è Z	Description of Works		Unit	Quantity	(Yen)	(n)	(China RMB)	RMB)	Total
	Facilities	Specifications			Rate	Amount	Rate	Amount	China RMB
⊩	SPLIT WALL-TYPE	Q _L =2.4KW	SEI						
		Qn=3.1KW	-						Come M. adire
	OUTDOOR RY223VIC	N=1.13KW							
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Shanghai Pudong International Airport Project (Fire Fighting and Rescue Facilities)

Item					Foreign (Foreign Cost Component	Local Cos	t Component	Local Cost Component Combined Total
Š	Description of Works	orks	Unit	Quantity)	(Yen)	(Chir	(China RMB)	China RMB
	Name	Specification			Rote	Amount	Rote	Amount	•
r-1	Water Pump	8sh-9	Set	3					
7	Motor	Y280S,N=75kw	Set	ĸ					a veddy, ew e
<i>(</i> 1)	Electric Butterfly Valve	D971X-10,DN300	Set	m					Our care a
4	Electric Butterfly Valve	D971X-10,DN250	Set	ю		Man Parkin			
5	Slowly Check Valve	HH44T-10,DN250	Piece	m					· machine to whole
<u>پ</u>	Gate Valve	Z41T-10,DN400	Piece	7					
7	Butterfly Valve	D371X-10,DN200	Piece	7					
oo	Operated Single by Hand	WA2	Set	p=		24. 4.194.4			
٥	Derrick by Hand	HS2	Set	F					
0	Single Truck I steel Beam	32a	Σ	16		20.000			
=	Electric Contact Pressure Gage	YX-150,0-10	Piece	m					
12	Vacuum Gage	Z-150	Piece	m			. 1100-7-7-7-8		
5	Big/Small eccentricity Connector DN=300x200	DN=300x200	Piece	W					
4	Big/Small Connector	DN=250x125	Piece	m					A TANTONIA P
15	15 Flexible Rubber Connector	DN250	Piece	m					en de la como
16	16 Suction Horn Mouth	DN=300x450	Set	rs					over a surveil
11	17 Overflow	DN=300x200	Set	₽~4		-			en bereit virtue





Shanghai Pudong International Airport Project (fire Fighting and Rescue Facilities) Fire Pump Room

[tem	The second secon				Foreign C	Foreign Cost Component Local Cost Component Combined Total	Local C	ost Component	Combined Tota
i	Description of works	OINS	Unit	Quantity		Yen)	0	China RMB)	China RMB
	Name	Specification			Rote	Amount	Rote	Amount	
18	Valve Pit	D1400	Set	3					
6	Water-proof Sleeve	D377	Set	6					
20	Water-proof Sleeve	D273	Set	m				-	· Outrain and
77	Flexible Rubber Connector	DN300	Piece	'n					سن ست چوپيا
23	Water Level Float	-	Set						•
23	Float valve	100X-0200.DN201	Set	ped				gg _{ag} y yaqabbiy	
27	Ductile Iron Pipe	DN400	Z	12					
25	Ductile Iron Pipe	DN300	Z	39					n no had with the
56	Ductile Iron Pipe	DN200	M	25					ACCUMANT ACCUMANTS
27	Self-suction Pump	51-4A	Set	₩:A					
28	seamless Steel Pipe	D426x10	Z	13			- A-47-49-4		00.00 0 0738478
53	seamless Steel Pipe	D325x8	Z	ო			constant and a		-sprence section
30	seamless Steel Pipe	D273x7	Z	ო			haden kallingan fransk	ep.Quadek	
31	Galvanized Steel Pipe	DN50	×	ю			Calabia para		-
32	Galvanized Steel Pipe	DN25	Z	2				- -	
33	Galvanized Steel Pipe	DN20	Z	0		-		Now NOTE AND DESCRIPTION OF THE PERSON OF TH	
34	34 Gate Valve	Z41T-10,DN50	Piece	3			-	-	

Shanghai Pudong International Airport Project (fire Fighting and Rescue Facilities)

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Team					Foreign (Foreign Cost Component	I ocal Cos	Local Cost Component	Combined Total
N S	Description of Works	orks	Unit	Ouantity	9		(Chir	China RMB	China RMB
				,	2		-	,	
	Name	Specification			Kote	Amount	Kote i	Amount	
35	Rapid Connector	D50	Piece	ю		NOTE MADE			
36	Stop Valve	DN25	Ž	₽ ×4					
37	Stop Valve	DN20	Σ	F					
38	Water Tap	DN20	Z	·					
39	Iron Drainage pipe	DN75	Z	15					
40	Iron Drainage pipe	DN50	Σ	∞					
4	Floor Drain	DN50	Piece	g-stall		G. 184. 67 - 480 F			- 3-cov-on
42	Flexible Rubber Joint	DN200	Piece	M					
43	Flexible Rubber Connector	DN25	Piece	grand .		g Arva. Are in Common			
4	Flexible Rubber Connector	DN300	Piece	m			- Andrewson		
45	Seamless Steel Pipe	D159x5	Σ	12			4. 10. 1 0. 10. 10. 10. 10. 10. 10. 10. 10. 10. 1		
46	Butterfly Valve	D371X-10,DN200	X	N			and the second s		
47	Clean-out	DN50	Piece	prof.			eric employ		
					-				
					:	a december de Tale	CAGE VALUE	- -	
						-			
		1							



Shanghai Pudong International Airport Project (fire Fighting and Rescue Facilities) Fire Water Supply System For Flying Area (Southern Area)

Item	211.30 T. 100 T.				Foreign (Foreign Cost Component	Local C	ost Component	Local Cost Component Combined Total
Š	Description of works	OIKS	Unit	Quantity		(Yen)		(China RMB)	China RMB
	Name	Specification			Rote	Amount	Rote	Amount	
p=0	Ductile Iron Pipe	DN400	Z	810					
71	Ductile Iron Pipe	DN350	Σ	2720					An una Tr
m	Ductile Iron Pipe	DN300	Σ	539					- groß a zone and
4	Ductile Iron Pipe	DN250	Z	510					à-man-record
'n	Ductile Iron Pipe	DN150	Z	98				<u> </u>	vo. 53. serba
۵٬	Seamless Steel Pipe	D426x11	Σ	499					······································
7	Seamless Steel Pipe	D377×10	Σ	241					agraph and the control of the contro
ø	Seamless Steel Pipe	D325x9	Z	18				- W4 - 3	O Strake of the
0	Welded Steel Pipe	DN600	Z	468					. 200
10	Welded Steel Pipe	DN500	Σ	223					38-28-00-8-00-1
prod prod	Worm-driven Butterfly Valve	D341X-10,DN400	Set	∞					in. von «Zank
12	Worm-driven Butterfly Valve	D341X-10,DN350	Set	9					ne navada
13	Worm-driven Butterfly Valve	D341X-10,DN300	Set	7					
4	Fire Hydrant	SS100-1.0	Set	99					
15	Hydrant Chamber	D630	Set	99				371 - 30-992 3 - 30 -5	· Andrews (**.**
16	Special Non-standard Well Seat D600	D600	Set	99					B. Oliver St. Conference on the Conference on th
17	17 Valve Chamber	D1400	Set	2			-		

Shanghai Pudong International Airport Project (fire Fighting and Rescue Facilities)

Fir	Fire Water Supply System For Flying A	or Flying Area		(Southern Area	(23)	hern Area)			
Item	Description of Works	orks			Foreign (Foreign Cost Component	Local Cos	Local Cost Component	Combined Total
Š.			Ċ.	Quantity		(Yen)	(Chir	China RMB)	China RMB
	Name	Specification			Rote	Amount	Rote	Amount	n gerrinne Velkrinne
18	Valve Chamber	D1600	set	4					
15	Special Non-standard Well Seat D600	D600	Set	15	•				
20	Water Meter Chamber		Set	possi					Panica owale
77	Combined Exhaust Valve	MK-CAR, DNS0	Set	7					
2	Butterfly Valve	D71X-10,DN50	Set	71					and the same of th
							,		S-American de la companya de la comp
							XX. 30 (20 P)		aktiv V Meliv
									CO-A-T-TILL COME
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									Charles and the second
				# W			ON CORPUS RY		
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			T005/-						
				(4 lles min s)					
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Shanghai Pudong International Airport Project (fire Fighting and Rescue Facilities)
Fire Water Supply System For Flying Area (Northern Area)

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	rite water Supply System For Arying Area (1901 them Area)	Of Alymig Area	1011	CHEAN CAN					
Item		U/[#C			Foreign (Foreign Cost Component	Local Co	Local Cost Component	Combined Total
è Ż	Description of works	OIKS	Unit	Quantity		Yen)	(Chi	(China RMB)	China RMB
	Name	Specification			Rote	Amount	Rote	Amount	
	Ductile Iron Pipe	DN400	Z	1134					
<u>~</u>	Ductile Iron Pipe	DN350	Σ	4717					
n	Ductile Iron Pipe	DN300	Σ	623					24-53-
4	Ductile Iron Pipe	DN250	Σ	601					
S.	Ductile Iron Pipe	DN150	Σ	317					
•	Seamless Steel Pipe	D426x11	Z	519					
	Seamless Steel Pipe	D377x10	Z	371					
8	Seamless Steel Pipe	D325x9	Z	18					
	Welded Steel Pipe	DN600	Z	491				-	
10	Welded Steel Pipe	DN500	Z	346					
	1 Worm-driven Butterfly Valve	D341X-10,DN400	Set	9					
12	2 Worm-driven Butterfly Valve	D341X-10,DN350	Set	6					vazoriik. dina kolo kolo kolo kolo kolo kolo kolo kol
13	Worm-driven Butterfly Valve	D341X-10,DN300	Set	₽ -4					ممسيم من من
<u>, , , , , , , , , , , , , , , , , , , </u>	14 Fire Hydrant	SS100-1.0	Set	78		-			
	15 Hydrant Chamber	D630	Set	78	- - -	÷		-	de de la composição de la
~	16 Special Non-standard Well Seat D600	D600	Set	78					
	17 Valve Chamber	D1400	Set	2					

Shanghai Pudong International Airport Project (fire Fighting and Rescue Facilities) Fire Water Supply System For Flying Area (Northern Area)

Item	Description of Works	orks			Foreign (Foreign Cost Component	Local Cost	Component	Local Cost Component Combined Total
ġ Z			Cnit	Quantity		(Yen)	(China	(China RMB)	China RMB
	Name	Specification	-		Rote	Amount	Rote	Amount	
8.	Valve Chamber	D1600	set	16					
61	Special Non-standard Well Seat D600	D600	Set	17			ilo Manul vapor		
20	Water Meter Chamber		Set	₩.					and designation
73	Combined Exhaust Valve	MK-CAR, DN50	Set	т		alleksen en en en			
22	Butterfly Valve	D71X-10,DN50	Set	n					
							-Claric Conseque, Jac Zeg		
				amany. Want to			Walter State of the State of th		
		-	~ ~ · ~ · ·				THE PARTY OF THE P		
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							TO THE REAL PROPERTY.		
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Shanghai Pudong International Airport Project (fire Fighting and Rescue Facilities)

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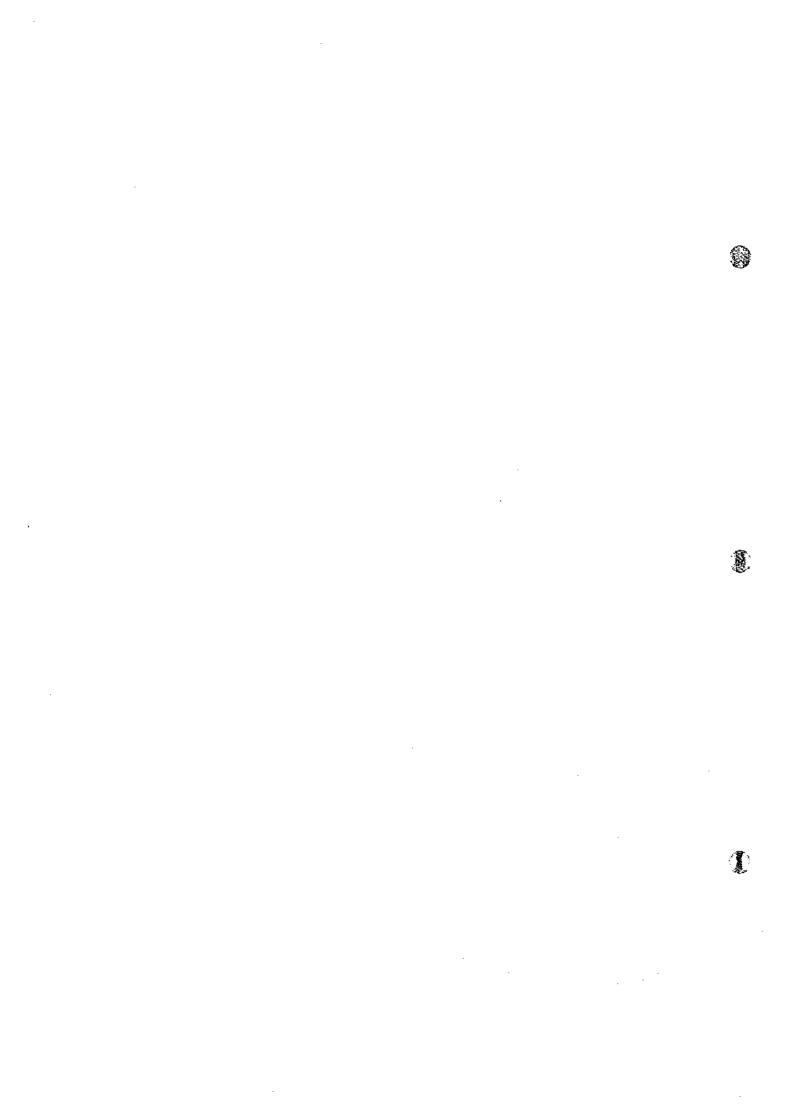
	Description of Works	Unit Quantity Yen) (China RMB) China RMB	Rote Amount Rote Amount	Welded Steel Pipe DN500 M 410	Scamless Steel Pipe DN325x9 M 630	Water Supply Ductile Iron Pipe DN400 M 450	Water Supply Ductile Iron Pipe DN300 M 3530	Galvanized Steel Pipe DN50 M 1625	Butterfly Valve DN400 D371x-1.0 Piece 5	Butterfly Valve DN300 D371x-1.0 Piece 23	Ball Valve DN50 Q41F-16 Piece 42	Stop Valve DN50 J11X-10 Piece 42	Underground Fire Hydrant SX100x65-1.0 Set 42	the Cast Iron Body and Cover FG48-1 Set 42	of the well(alloy aluminum)	Water Supply Hydrant DNS0 Piece 42	Water Supply Valve Well DN1800 Piece 5	Water Supply Valve Well DN1800 Piece 23	
Fire Water Supply for Apron	Description of V	4		Welded Steel I	Seamless Steel	Water Supply Ductile	Water Supply Ductile	Galvanized Stee	Butterfly Val	Butterfly Val	Ball Valve	Stop Valve	Underground Fire	the Cast Iron Body a	of the well(alloy alt	Water Supply H	Water Supply Val	Water Supply Val	
Fire	Item	o Z		~	<i>(</i> 1	W	4	Ŋ	v	\	∞	δ	01	Ħ		12	13	4	

Shanghai Pudong International Airport Project (Fire Fighting and Rescue Facilities)

Item Foreign Cost Component No. Description of Works Unit Quantity Foreign Cost Component 1 R.C. Column & Beam Works M³ 3.60 Amount 2 R.C. Works M³ 29.57 Amount 2 R.C. Wall (C20) M³ 54.38 Amount 4 R.C. Floor (C20) M³ 23.66 Amount Earth Works M³ 23.66 Amount	A II CA IEIKIIIE I AIIK								
M ³ 3.60 M ³ 29.57 M ³ 54.38 M ³ 23.66	Item No.	Description of Works		Quantity	Foreign Cost (Yo	t Component en)	Local Cos (Chin	Local Cost Component (China RMB)	Combined
ZZZZ					Rate	Amount	Rate	Amount	China RMB
Z Z Z	Colm	mn & Beam Works							
M. M. K.	1 R.C. (Column (C20L≤1.2m)	×	3.60					
Z Z Z	RC V	Vorks							
R. C. Wall (C20) M ³ R. C. Floor (C20) M ³ Farth Works	2 R.C. 1	Foundation (C20HS4.0m)	Σ̈́	29.57					
M ³		Wall (C20)	Z ³	54.38			************		
	4 R. C. 1	Floor (C20)	M,	23.66					
	Earth	ı Works							
6 Earth Works M' 591.00	6 Earth	Works	Ĭ.	591.00					

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PART-3 GRAND SUMMARY



No 1 S S	Item No. Description of Works Grand Summary Preliminary and General Items Z. Main Fire Station 3. First Aid Garage Substitute Station Substitute Station Substitute Station A. Substitute Station	Chait	Quanticy	Foreign Cost (Y Rate	Foreign Cost Component (Yen) Rate Amount	Local Cost (China Rate	Local Cost Component (China RMB) Rate Amount	Combined Total China RMB
, v 4	Fire Hydrant and Pump Room Subtotal of Bills (Items 1 to 5)							·
ж О	Specified Provisional Sums included in Subtotal of Bills Total of Bills Less Specified Provisional Sums (A-B)							
U M	Add Provisional Sum for Contingencies Allowance Tender Price (A+D) (Carried forward to Form of Tender)							

