JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

SCIENCE AND TECHNOLOGY COMMISSION OF SHANGHAL MUNICIPAL PEOPLE'S GOVERNMENT PEOPLE'S GOVERNMENT OF CHINA'S

DETAILED DESIGN OF SHANGHAI PUDONG INTERNATIONAL AIRPORT FINAL REPORT

VOLUME III... TENDER DOCUMENT (3 OF 3)

PART V BILL OF QUANTITIES

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JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

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VOLUME III
TENDER DOCUMENT (3 OF 3)

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DETAIL DESIGN

OF

SHANGHAI PUDONG INTERNATIONAL AIRPORT PROJECT FINAL REPORT

VOLUME III TENDER DOCUMENT

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Note) The dotted portion is included in this book.





(Manager)

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

SCIENCE AND TECHNOLOGY COMMISSION OF SHANGHAI MUNICIPAL PEOPLE'S GOVERNMENT, PEOPLE'S REPUBLIC OF CHINA

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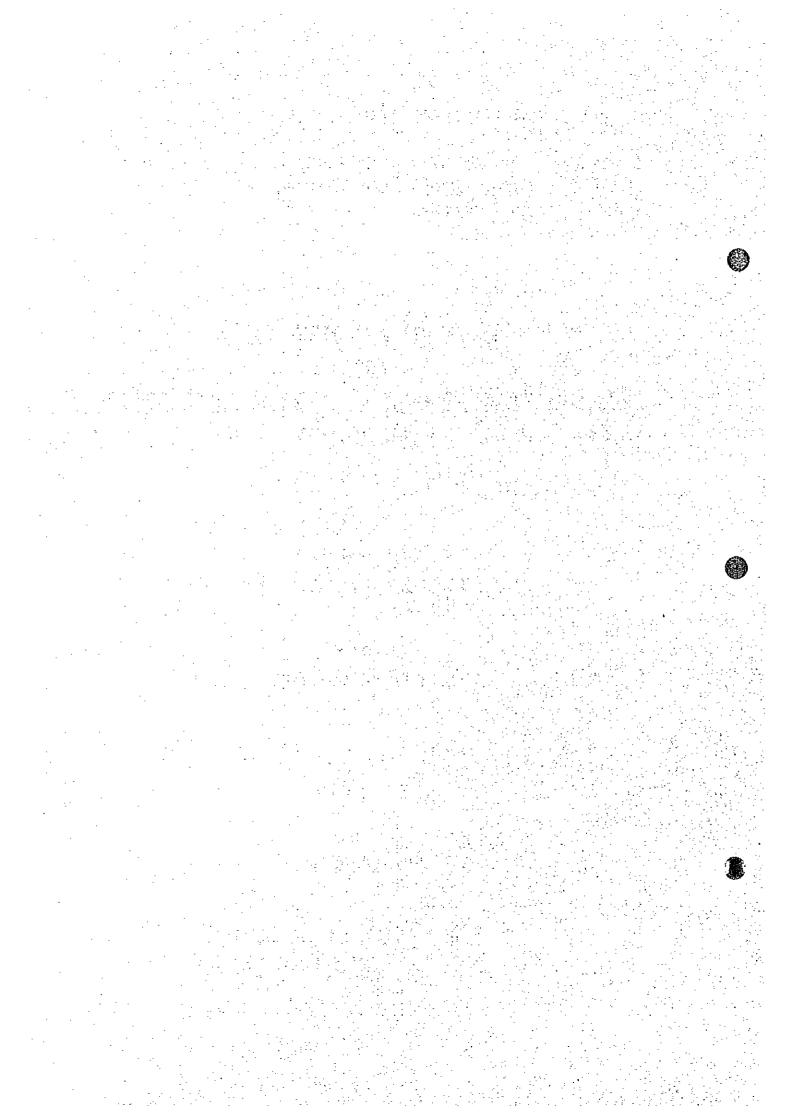
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TENDER DOCUMENT

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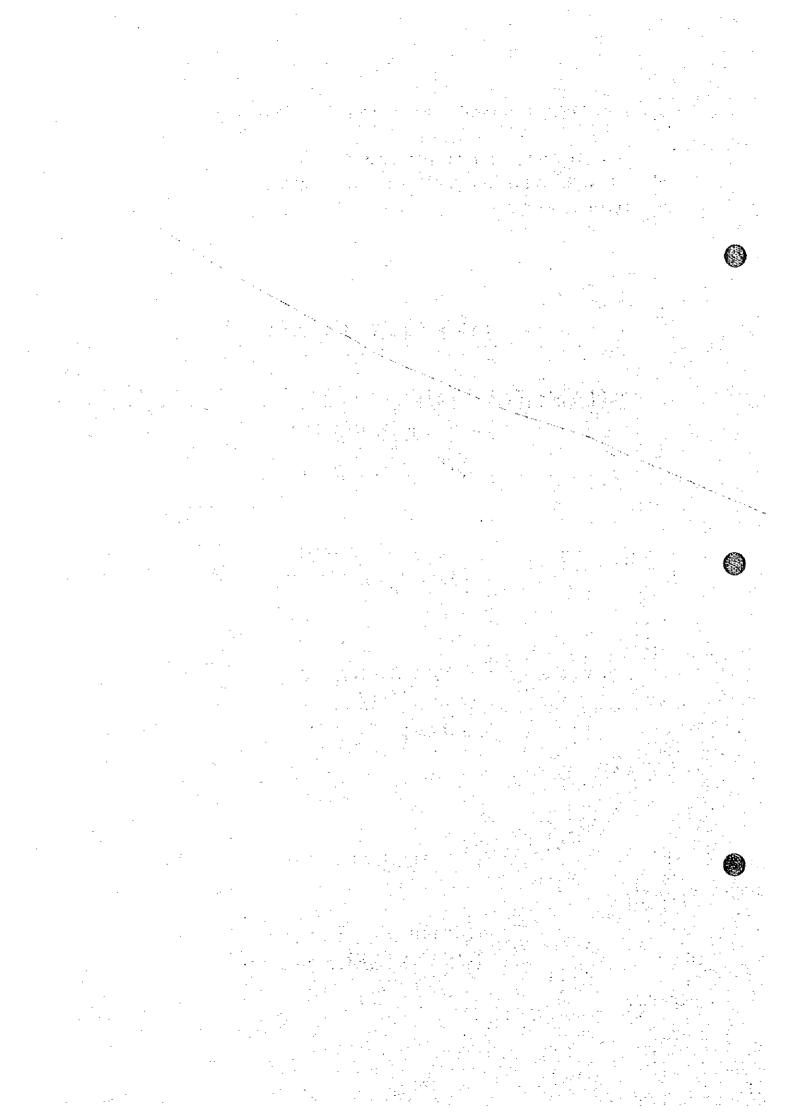
VOLUME III TENDER DOCUMENT

PART V-1
BILL OF QUANTITIES
FOR
AIRSIDE CIVIL WORKS

SEPTEMBER 1997

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NIPPON KOEI CO., LTD. NIKKEN SEKKEI LTD.



PEOPLE'S REPUBLIC OF CHINA SHANHAI MUNICIPAL PEOPLE'S GOVERNMENT

SHANGHAI PUDONG INTERNATIONAL AIRPORT PROJECT FINAL REPORT

TENDER DOCUMENT
PART V-1
BILL OF QUANTITIES
FOR
AIRSIDE CIVIL WORKS

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PREAMBLE TO BILL OF QUANTITIES

SECTION 1: PREAMBLE

INTRODUCTION 1.1

The Bill of Quantities (Schedule of Unit Rates, Prices and Quantities) comprises the 1.1.1 following parts:

Preamble Preliminary And General Items Direct Works Grand Summary The section of the first of

The Grand Total on the General Summary Sheet shall equal the amount of the estimated Contract Price set forth in the Form of Tender.

- The Bill of Quantities shall be used by the Shanghai Municipal People's Government 1.1.2 (the Employer) and or the Engineer for:
 - a) bid evaluations purposes

- b) the basis of remeasurement and valuation of estimated quantities
- c) the basis of evaluation for any variations or additional Works ordered under the Conditions of Contract
- d) assistance in the calculation of progress payments

.

e) computation of the Contract Price

GENERAL 1.2

The Bill of Quantities shall be read in conjunction with the Conditions of Contract, 1.2.1 Specification, Contract Drawings and all other Contract Documents relevant thereto and the cost of complying with the requirements and obligations thereof or which may be reasonably inferred therefrom shall be deemed to be included in the rates and prices set out in the Bill of Quantities.

- Descriptions shall identify the work covered by the respective items, but the exact nature 1.2.2 and extent of the work shall be ascertained from the Specification, Drawings and Conditions of Contract, as the case may be.
- The order of stating dimensions in descriptions shall be in the sequence of length, width 1.2.3 and height (or depth) unless otherwise described.
- Where work is shown, described, indicated in or reasonably inferred or implied from the 1.2.4 Specification and or Drawings but not specifically itemized in the Bill of Quantities, then the cost of such work shall be deemed to be included in the rates for the items associated with the particular work. No additional items, other than those stated in the Bill of Quantities, will be used to measure such work without the written consent of the Engineer.
- Where the Contractor does not insert a rate against an item (or items) in the Bill of 1.2.5 Quantities, the cost of carrying out the work described in the item(s) will be deemed to be included elsewhere and no measurement of the item(s) will be made.
- Unit rates and prices shall be expressed in Chinese Renminbi and Japanese Yen to a 1.2.6 maximum of two decimal places. And the second section of the section of the
- Throughout the Bill of Quantities the following abbreviations shall apply: 1.2.7

Abbreviation mm mm ²	Full Meaning millimetre square millimetre
m	metre
m ²	square metre
m ³	cubic metre
ha	hectare
ea	each
No	number
kg	kilogramme
km	kilometre
t	tonne
ltr	litre
LS	Lump Sum
PS	Provisional Sum,
MM	Man Month
MD	Man Day
Rate	Unit Rate

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Jan Billion Hall

- 1.2.8 The Bill of Quantities identifies and represents the Works to be carried out as part of this project. Sections of works that can not be accurately measured are noted as Lump Sum. Additionally Provisional Sums have been included, which sums shall be used in whole or in part, or not at all, or the instructions of the Engineer.
- 1.2.9 The General Principles of Measurement and Principles of Measurement for each part of the Bill of Quantities apply equally to all parts of the Bill of Quantities when relevant and are not limited to the parts in which they are contained.
- 1.2.10 Where reference is made to the "descriptions" or "as described" the term "descriptions" or "as described" shall mean the descriptions of the item(s) contained in the Bill of Quantities, the Specification or Drawings.

SECTION 2: PRELIMINARY AND GENERAL ITEMS

2.1 CONTRACTUAL ITEMS

2.1.1 General

- 2.1.1.1 For the purpose of Interim Payment Certificates, the amount entered against Contractual items in the Preliminaries and General Items Section will be certified as stated following:
 - (a) Performance Bond: the amount entered against this item will be certified in the Interim Payment Certificate following approval of the institution providing the security and receipt of the Performance Bond.
 - (b) Insurances: the amounts entered against these items will be certified in the Interim Payment Certificate following approval of the policies in accordance with the Conditions of Contract. Originals of receipts must be produced as evidence of payment.
 - (c) All other amounts entered against Preliminary and General Contractual items will be certified for payment in direct proportion to the accumulative value of certified Site construction Works.

2.2 SPECIFICATION ITEMS

2.2.1 General

: ;

- 2.2.1.1 For the purposes of Interim Payment Certificates, the amounts, entered against Specification Items in the Preliminaries and General Items Section will be certified as stated following:
 - (a) Contractor's Site Establishment on provision of the facilities and approval of the Engineer, 50% of the amount entered against this item will be certified for payment in the following Interim Payment Certificate. On completion of the Works, removal of the facilities and the making good of the area occupied thereby, all as specified and to the approval of the Engineer, 20% will be certified for payment in Final Payment Certificate. The remaining 30% will be certified for payment in equal monthly installments during the period for construction of the Works, providing that the facilities are maintained in accordance with the Contract and to the approval of the Engineer.

- (b) Construction Plant on completion of mobilizing, erecting, testing and commissioning as specified of all plant and equipment and approval of the Engineer, 60% of the amount entered against this item will be certified for payment in the following Interim Payment Certificate. On completion of the demobilization of all plant and equipment and the making good of any area occupied thereby and approval of the Engineer, 40% of the amount will be certified for payment in the following Interim Payment Certificate.
- (c) General Site Requirement on completion of the installations as specified and approval of the Engineer, 60% of the amount entered against this item will be certified for payment in the following Interim Payment Certificate. On completion of the Works removal of the installations and the making good of the area occupied thereby to the approval of the Engineer, 20% will be certified for payment in the next interim payment. The remaining 20% will be certified for payment in equal monthly installments during the period for construction of the Works, providing that the installations are maintained to the satisfaction of the Engineer.
- (d) Assistance to Engineer () the quantities stated will be measured in accordance with Clause 56 of the Conditions of Contract and the calculated amounts certified.
- (e) Site Investigation () where quantities are stated these will be measured in accordance with Clause 56 of the Conditions of Contract and the calculated amounts certified. Lump Sum amounts will be certified in direct proportion to the completion of that item.

(f) Document Submission and Other Matters - the amount entered against these items will be certified in installments in proportion to the particular items completed.

SECTION 3: DIRECT WORKS

3.1 METHOD OF MEASUREMENT

- 3.1.1 The method of measurement and computations to be used in determination of quantities of material furnished and of work performed under the Contract will be those methods generally recognized as conforming to good engineering practices in China. All work completed under the Contract will be measured by the Engineer or his authorized representatives using metric-ton unit system of measurement.
- 3.1.2 Where appropriate, quantities have been rounded off to nearest integer (<0.5 rounded down, ≥0.5 rounded up). However, quantities of items measurement in hectares, tonnes or quantities of high value items have been expressed to one place of decimals.
- 3.1.3 When the application of 3.1.2 would cause an entire item to be eliminated, then such an item is enumerated stating the size or weight as appropriate.

3.2 MEASURED WORKS

- 3.2.1 Quantities included under the Measured Works sections of the Bill of Quantities are estimated quantities based on the Scope of Works set forth in the Contract Documents and shall be subject to remeasurement in accordance with the provisions of the Contract and valued at the unit rates included therein. There shall be no basis of claim or adjustment of the unit rates and prices in he event that the quantity of Work performed for any item shown in the Bill of Quantities, as finally measured in accordance with the provisions of the Contract, is different from that shown in the Bill of Quantities.
- 3.2.2 Unless otherwise stated, all items shall be deemed fully inclusive of all that is necessary to fulfill the liabilities and obligations arising out of the contract and shall include, but not be limited to, the following
 - a) Labour, supervision and all associated costs
 - b) Materials, goods and all associated costs
 - c) Fitting, jointing and fixing materials and goods in position
 - d) Cutting to size and allowances for wastage of materials and goods
 - e) Provision of plant
 - f) Temporary works

- g) Maintenance and protection of finished work
- h) Establishment charges, overheads and profit
- 3.2.3 The Contract price shall be computed from the quantities of work entered in the Bill of Quantities and valued at the unit and lump sum prices tendered against the respective items in the Bill of Quantities hereto.
- 3.2.4 The Tenderer shall ensure that his tender prices are well balanced and that no section of the Bill of Quantities is heavily priced to cause lower prices in another section. The Employer reserves the right to require balancing of the Tender before acceptance.
- 3.2.5 Any difference between the cost of executing work of a similar description in different areas of the Site shall be allowed for in pricing the items concerned.

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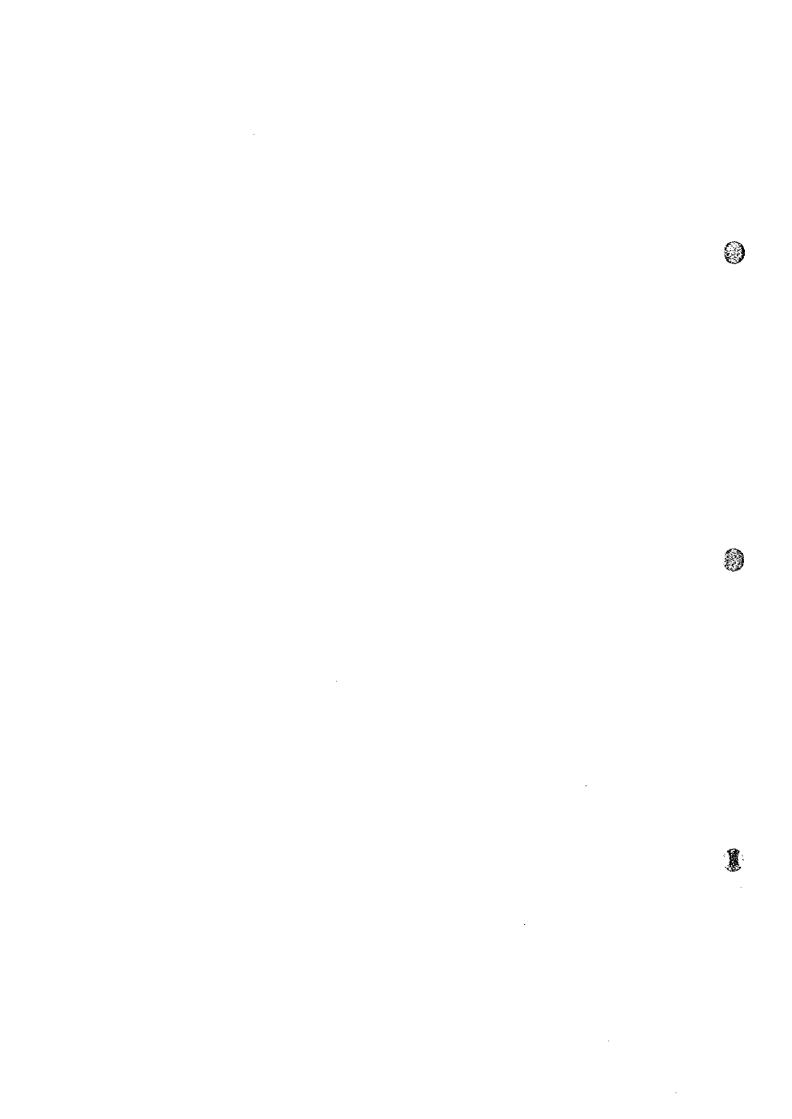
- 3.2.6 Except as otherwise provided in the Conditions of Contract, items included in the Preliminary and General items section shall not be subject to adjustment or remeasurement.
- 3.2.7 The CAAC 1-xxx numbers indicated in parenthesis within the "Description of Works "Column in the Bill of Quantities have been entered for the convenience of the Engineer in making cost estimations, and may be ignored by the Tenderer. The Tenderer shall compile all estimated prices on the basis of the Contract Documents.

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PART-1 PRELIMINARY AND GENERAL ITEMS

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	Local Cost Component (China RMB)	Amount									S. ANGEO	or other seasons and	A de Servicio	سسمي ر	a angunggung		n-63,66							
-	Local Co (Chi	Rate																						
	Foreign Cost Component (Yen)	Amount								wh & sufe						-								
s)	Foreign Cos	Rate																						
vil Work	Ouantity	,		y=4											·				post					
(Airside Civil Works)	Unit			Unit	Package	Package	Package	·							Package				Set			·	Set	
Shanghai Pudong International Airport Project (A	Description of Works	•	PRELIMINARY AND GENERAL ITEMS Contractual Items	Performance bond	Insurance of the Works	Third party insurance	4 Other insurance (specify) Total of Contractinal Items		Specification Items	Contractor's Site Establishment	a) Provide, maintain and remove on comple-	tion offices, yards, workshops, stores, lay-	downs areas accomodation and camps as	required including all costs of services, main-	tenance security, ground rentals and the like.	Construction Plant	a) Provide, install, test and commission, main-	tain and remove on completion a concrete	batching and mixing plant.	:	b) Provide, install, test and commission, main-	tain and remove on completion an asphalt	batching and mixing plant.	c) Provide, install, test and commission, maintain and remove on completion a stone
Shan	Item No.		-			m	4		М						-			2-4			·- ·			

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				rials ill of Quantities	t labour, plant,	ed by the	y Clause 36		ll of Quantities labour, plant,	oles for equired by the	•	erials,	oles to under-	panels to verify	of workmanship.				Bill of Quantities
	Description of Works		crushing plant. Sub-total	Testing, Commissioning and Trials a) Where not included in the Bill of Quantities	elsewhere, provide all specialist labour, plant, materials, equipment tools and consumables	for testing the Works as required by the	Specification and as required by Clause 36 of the Conditions of Contract		b) Where not included in the Bill of Quantities elsewhere, provide all specialist labour, plant,	equipment, tools and consumables for commissioning the Works as required by the	Specification.	c) Provide all labour, plant, materials,	equipment, tools and consumables to under-	take trials and prepare sample panels to verify	and to establish the standards of workmanship.	Sub-total	-	4 Samples	a) Where not included in the Bill of Quantities

Sha	Shanghai Pudong International Airport Project (Airside Civil Works)	Airside Ci	vil Work	3)				-
Item No	Description of Works	Unit	Ouantity	Foreign Cost Component (Yen)	Component (n)	Local Cost (China	I Cost Component (China RMB)	Combined Total
	-		,	Rate	Amount	Rate	Amount	China RMB
	specified and required by Clause 36 of the Contract to be provided for the Engineer's							
	approval	Package	-		a manya yakan ili ka			
	S General Site Requirements							
	the provision, maintenance and removal of							
	temporary access roads	Package	 -					
	b) Provide, erect and remove on completion				,			
	notice and sign boards.	Package	part.					
	c) Provide, erect and remove on completion	,						
	temporary fencing and gates as specified.	Package	pæl					
	d) Provide, erect and remove on completion							
<u></u>	temporary hoardings and gates as specified.	Package	pad					
	e) Allow for all costs associated with the		-					
	prevention of pollution, nuisance and	- ,					Prompt de	
	construction noise.	Package						
	f) Allow for all costs associated with Security,		 					
:	Safety and Protection.	Package						
	Sub-total							
	6 Site Investigation	:			-	-		

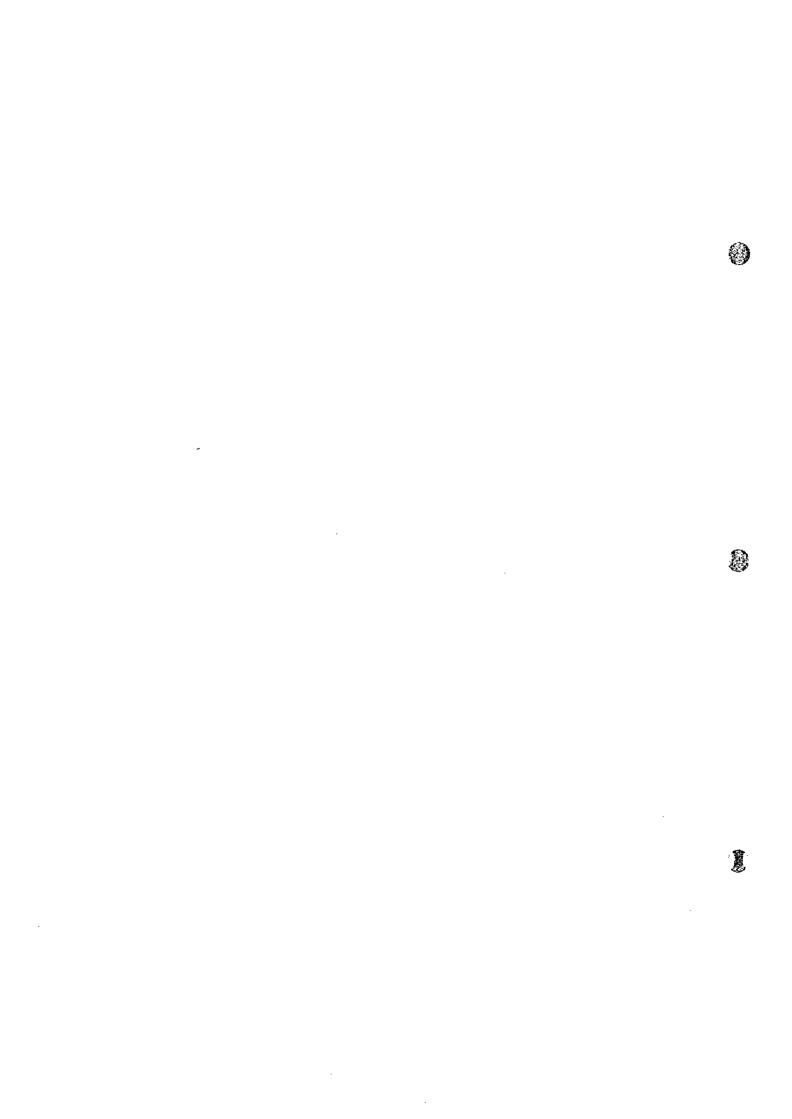
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		,		roleign Co	i Component	Local Cost Component	Component	Comomed
ż	Description of Works	i O	Quantity	_	(Yen)	(China RMB)	RMB)	Total
				Rate	Amount	Rate	Amount	China RMB
	a) Establish the coordinates system from existing fixed points and bench marks and							
	undertake a topographical survey of the areas						***Pu*ous*	
	specified.	Package	E-ray.				Emily State Security Security	
	b) Traverse survey	Package	4					
	vermen fine survey Orace central matter	~ ~~~				and Table and Ta	in'i ser Zanca. Can	
	Profile leveling	Package						
740	d) Process and plot on A1 size drawings the					(<u>*</u>		
	survey results	Package	_					
	e) Establish from given data the on-Site						A 2001 & 40	
	Site Investigation as specified.	Package	p-					
	S. Mochilitanian in the state of the state o							
	set-up and Demobilization including final						kak sa	
	demount	Package	F-4					
·	b) Boreholes including serting out demount							
	move and set up, drilling, sampling and in-situ							
	testing including backfilling and reinstatement		-			-		
	of the borehole working area	Package	pred	-		:		
	h) Modified CBR test	Set					Page Targeton dila Cada	

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Item				Item Foreign Cos	Foreign Cost Component	Local Cost	Local Cost Component	Combined
o Z	Description of Works	Unit	Quantity	(Y	(Yen)	(China	(China RMB)	Total
				Rate	Amount	Rate	Amount	China RMB
	i) Test pits, 2.0 × 2.0 (depth) × 1.5 m	Set Set						
	j) Plate bearing tests	set						
	k) Laboratory tests, including triaxial consolidation and triaxial tests.							
	sieve analysis and specific gravity tests.	set						
	Draft and Final Reports as specified Sub-total	Package						
7	7 Document, Submission and Other Matters			-				
	a) Progress photographs as specified	Package					mara, bayellig And	
	b) Operation and Maintenance manuals as					·		
	specified	Package	_					
	c) As-built Drawings as specified	Package	-			·		
-	d) Construction Standards as specified	Package	, —<					
	e) Where not included in the Bill of Quantities			A		one should be a second		
	elsewhere the Contractor shall allow for the			······································				
	preparation and handover of Spare Parts and					<u></u>		
	Spcial Tools as required by the Engineer and							
	or the instructions of the Engineer.	Package	pood.					
	Total of Specification Items			~ ~~~				
	Total of Preliminary General and Items							

PART-2 DIRECT WORKS



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1 11	(Yen) Rate Amount	. ((China RMB)	(China RMB)	Total
(%) = 18. (%) =	Rate				
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Local Cost Component Combined (China RMB) Total	Amount Ch	and the state of t						
Local ((Rate							
Foreign Cost Component (Yen)	Amount							_
Foreign Cos (Y	Rate							
Quantity		91,230 90,336 1,655,314					-	•
Unit		a" a" a"					 	_
Description of Works		Sub-total Planting of Runway Strip Full(100%) sodding (CAAC1-400) Seeding Sub-total	Total of Earth Works					
Item No.		10 10 10 10 10 10 10 10 10 10 10 10 10 1						

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Item	:	-	-	Foreign Cost Component	Component	Local Cost Component	Component	Combined
Š	Description of Works	Unit	Quantity	(Yen)	((China RMB)	RMB)	Total
				Rate	Amount	Rate	Amount	China RMB
1-2	Pavement Works							
	Direct Works							
	Runway						A and a section of the section of th	
	1 Cement concrete 5.0Mpa (T46cm)			4. 22. 4. 4.				
	(CAAC 1-214)	m ₂	55,800				- 4	
. 1	2 Cement concrete 5.0Mpa (T 45cm)							
	(CAAC 1-214)	H ³	4,800					
	3 Cement concrete 5.0Mpa (T42cm)				**************************************			
·	(CAAC 1-213)	"E	009,69	- A**				
-	4 Cement concrete 5.0Mpa (T39cm)			ale la maria la maria				
	(CAAC 1-213)	m ₂	1,903	~~~~				
	5 Cement concrete 5.0Mpa (T 37cm)							
	(CAAC 1-213)	ä	22,703		·- ·- ·			
-	6 Cement concrete 5.0Mpa (T35cm)				ouer (#Be-c			
	(CAAC 1-214)	m ²	3,400				<i>-</i>	
-	7 Cement concrete 5.0Mpa (T32cm)							
	(CAAC 1-213)	m ⁵	16,675		LEC-LOSE			
	8 Cement concrete 5.0Mpa (T42-37cm)			0.1				
	(CAAC 1-213)	m ²	4,075				**************************************	
	9 Cement concrete 5.0Mpa (T42-35cm)							
	(CAAC 1-213)	m,	1,700					
<u>-</u>	10 Cement concrete 5.0Mpa (T42-32cm)							
	(CAAC 1-213)	m,	33,350					
<u></u>	11 Cement concrete 5.0 Mpa (T46-37cm)							
:	(CAAC 1-213)	m ²	25,300	-Kalla-				-
<u>i</u>	12 Cement concrete 5.0Mpa (T46-39cm)				**************************************			
	(CAAC 1-213)	EE	1,500					
								5

Shanghai Pudong International Airport Project (Airside Civil Works)

Item		<u></u>		Foreign Cost	Foreign Cost Component	Local Cost	Local Cost Component	Combined
s S	Description of Works	Unit	Quantity	(X,	(Yen)	(China	(China RMB)	Total
				Rate	Amount	Rate	Amount	China RMB
Ξ	13 Cement concrete 5.0Mpa (T42-39cm)							
	(CAAC 1-213)	Ë	750				, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
4	14 Lime flyash stabilizated crushed stone			- A				
	(upper-subbase) (T 18cm) (CAAC 1-175)	Ë	492,196					
3	15 Lime flyash stabilizated crushed stone	·						
	(lower-subbase) (T 18cm) (CAAC 1-175)	æ	246,130					
9!	16 Asphalt coating on joint (T 2mm)							
	(CAAC 1-224)	3 ⁷	21,936					
7	17 Dummy joint cutting (W0.4cm, D8cm)						aria Tanama .	
	(CAAC 1-228)	E	48,311		- 7	-		
82	18 Dummy joint cutting (W0.8cm, D3cm)							
	(CAAC 1-230)	E	101,990					
19	19 PUT joint sealing (W0.8cm) (CAAC 1-233)	E	101,990				-Ch-ti⊃u+ má	
20	20 Traction type finishing (CAAC 1-225)	"E	241,556	•				
21	21 Grooving	m ⁵	170,700					
22	22 Curing (film) (CAAC1-236)	m ₂	241,556	ara, magana gala, As				
	Sub-total						er industrial dis	
N	Runway Shoulder			100p - <u>Q</u>)—a.				
	Precast concrete block (CAAC1-215)	E H	1,840					
ন	2 Cement concrete 5.0Mpa (T26cm)		`	- WAEL-RIVE	7	-	A.A.TO	
- - -	(CAAC 1-213)	m	48				area kraja de la	
m	Cement concrete 4.5Mpa (T 16cm)							
	(CAAC 1-209)	H ²	9,742	··			Parks Son and	
4	4 Cement concrete 4.5Mpa (T 12cm)	:	-	Parkitam				
	(CAAC 1-208)	B,	716				2-Eldharon	
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Combined	Total	China RMB																											-
Local Cost Component	(China RMB)	Amount													······································										-0				
Local Cost	(China	Rate					-	-0-11-22 -	,, ,,,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								hand na Dal Tallan						Mark John von				:		<u>-</u>
Foreign Cost Component	(Yen)	Amount																				taves 4		-					
Foreign Cos	(ک	Rate									4			A														·	
-	Quantity			2		2		14,016		13,772		244		648		164.5		10		8,735	1,828	8,715	10,506	10,506					
	Chit			m _z		m²		"m		m ₂		m ²		m,		m,		8		E	E	E	"E	m ₂	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
	Description of Works		5 Lime flyash stabilizated crushed stone	(upper-subbase) (T 18cm) (CAAC 1-175)	6 Lime flyash stabilizated crushed stone	(lower-subbase) (T 18cm) (CAAC 1-175)	7 Lime flyash stabilizated crushed stone	(upper-subbase) (T 16cm) (CAAC 1-175)	8 Lime flyash stabilizated crushed stone	(lower-subbase) (T 16cm) (CAAC 1-175)	9 Crushed stone for sub-base course	(T 20cm) (CAAC 1-193,194)	10 Asphalt coating on joint (T 2mm)	(CAAC 1-224)	1 Expansion joint board (T 2cm)	(CAAC 1-218)	12 Dummy joint cutting (W0.4cm, D8cm)	(CAAC 1-230)	13 Dummy joint cutting (W0.8cm, D3cm)	(CAAC 1-230)	14 PUT joint sealing (W2cm) (CAAC 1-220)	15 PUTjoint sealing (W0.8cm) (CAAC 1-232)	16 Traction type finishing (CAAC 1-225)	17 Curing(sheet) (CAAC1-234)		Sub-total			
Item	ģ		5		9		<u></u>		∞		Ó		2		p-44		12		5		7	15	16	17					

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A-Taxiway Cement concrete 5.0Mpa (T 45cm) (CAAC 1-214) Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) Lime flyash stabilizated crushed stone (lower-subbase) (T 18cm) (CAAC 1-175) Asphait Coating on joint (T 2mm) (CAAC 1-224) Dummy joint cutting (W0.8cm, D8cm) (CAAC 1-228) Dummy joint cutting (W0.8cm, D3cm) (CAAC 1-230) PUT joint sealing (W0.8cm) (CAAC 1-225) Traction type finishing (CAAC 1-225) Curing(film) (CAAC 1-236) Sub-total A-Taxiway Shoulder Cement concrete 4.5Mpa (T 12cm) (CAAC 1-208) Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175)	Item				Foreign Cos	Foreign Cost Component	Local Cost	Local Cost Component	Combined
A-Taxiuway A-T	ò	Description of Works	Chit	Quantity	(Y	en)	(China	RWB)	Total
A-Taxiway Cement concrete 5.0Mpa (T 45cm) Cement concrete 5.0Mpa (T 45cm) CCAAC 1-214					Rate	Amount	Rate	Amount	China RMB
1 Cement concrete 5.0Mpa (T 45cm) (CAAC 1-214) 2 Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) 3 Lime flyash stabilizated crushed stone (lower-subbase) (T 18cm) (CAAC 1-175) 4 Asphait Coating on joint (T 2mm) (CAAC 1-224) 5 Dummy joint cutting (W0.4cm, D8cm) (CAAC 1-228) 6 Dummy joint cutting (W0.8cm, D3cm) (CAAC 1-230) 7 PUT joint sealing (W0.8cm) (CAAC 1-235) 8 Traction type finishing (CAC 1-225) 9 Curing(film) (CAAC 1-236) Sub-total 1 Cement concrete 4.5Mpa (T 26cm) (CAAC 1-208) 2 Cement concrete 4.5Mpa (T 12cm) (CAAC 1-208) 3 Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² 4 Lime flyash stabilizated crushed stone (lower-subbase) (T 18cm) (CAAC 1-175) m² 6 Lime flyash stabilizated crushed stone (lower-subbase) (T 18cm) (CAAC 1-175) m²	'n	A-Taxiway							
CCAC 1-214) Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) Lime flyash stabilizated crushed stone (lower-subbase) (T 18cm) (CAAC 1-175) Asphait Coating on joint (T 2mm) (CAAC 1-224) Dummy joint cutting (W0.8cm, D8cm) (CAAC 1-230) PUT joint sealing (W0.8cm) (CAAC 1-233) R Traction type finishing (CAAC 1-225) Curing(film) (CAAC 1-236) A-Taxiway Shoulder Cement concrete 4.5Mpa (T 12cm) (CAAC 1-208) Cement concrete 4.5Mpa (T 12cm) (CAAC 1-208) Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) Lime flyash stabilizated crushed stone (dower-subbase) (T 18cm) (CAAC 1-175) Lime flyash stabilizated crushed stone (dower-subbase) (T 18cm) (CAAC 1-175)	-	Cement concrete 5.0Mpa (T 45cm)							
2 Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² Lime flyash stabilizated crushed stone (lower-subbase) (T 18cm) (CAAC 1-175) m² Asphait Coating on joint (T 2mm) m² (CAAC 1-224) m² 5 Dummy joint cutting (W0.8cm, D8cm) m (CAAC 1-228) 6 Dummy joint cutting (W0.8cm, D3cm) m² 7 PUT joint sealing (W0.8cm) (CAAC 1-233) m² 8 Traction type finishing (CAAC 1-225) m² 9 Curing(film) (CAAC 1-236) A-Taxiway Shoulder 1 Cement concrete 4.5Mpa (T 12cm) (CAAC 1-208) 2 Cement concrete 4.5Mpa (T 12cm) (CAAC 1-208) 3 Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² Lime flyash stabilizated crushed stone (dower-subbase) (T 18cm) (CAAC 1-175) m²		(CAAC 1-214)	"E	11,600					
(upper-subbase) (T 18cm) (CAAC 1-175) m² Lime flyash stabilizated crushed stone (lower-subbase) (T 18cm) (CAAC 1-175) m² Asphait Coating on joint (T 2mm) m² (CAAC 1-224) m² Dummy joint cutting (W0.8cm, D8cm) m² (CAAC 1-228) m² (CAAC 1-230) m² PUT joint sealing (W0.8cm) (CAAC 1-233) m² Traction type finishing (CAAC 1-225) m² Sub-total A-Taxiway Shoulder Cement concrete 4.5Mpa (T 26cm) m² (CAAC 1-208) Cement concrete 4.5Mpa (T 12cm) m² Cement concrete 4.5Mpa (T 12cm) m² Cement concrete 4.5Mpa (T 12cm) m² Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² Lime flyash stabilizated crushed stone (dower-subbase) (T 18cm) (CAAC 1-175) m²	(1)	Lime flyash stabilizated crushed stone							
3 Lime flyash stabilizated crushed stone (lower-subbase) (T 18cm) (CAAC 1-175) Asphalt Coating on joint (T 2mm) (CAAC 1-224) 5 Dummy joint cutting (W0.4cm, D8cm) (CAAC 1-228) 6 Dummy joint cutting (W0.8cm, D3cm) (CAAC 1-230) 7 PUT joint sealing (W0.8cm) (CAAC 1-233) 8 Traction type finishing (CAAC 1-225) 9 Curing(film) (CAAC 1-236) A-Taxiway Shoulder 1 Cement concrete 4.5Mpa (T 26cm) (CAAC 1-208) 2 Cement concrete 4.5Mpa (T 12cm) (CAAC 1-208) 3 Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² 4 Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² 4 Lime flyash stabilizated crushed stone		(upper-subbase) (T 18cm) (CAAC 1-175)	"E	235,592					
(lower-subbase) (T 18cm) (CAAC 1-175) m² (Asphait Coating on joint (T 2mm) m² (CAAC 1-224) 5 Dummy joint cutting (W0.4cm, D8cm) m (CAAC 1-228) 6 Dummy joint cutting (W0.8cm, D3cm) m (CAAC 1-230) 7 PUT joint sealing (W0.8cm) (CAAC 1-233) m² 1 8 Traction type finishing (CAAC 1-225) m² 1 8 Traction type finishing (CAAC 1-225) m² 1 8 Curing(film) (CAAC1-236) m² 2 Curing(film) (CAAC1-236) m² 1 Cement concrete 4.5Mpa (T 26cm) m² (CAAC 1-208) 2 Cement concrete 4.5Mpa (T 12cm) m² (CAAC 1-208) 3 Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m²	w	Lime flyash stabilizated crushed stone				10			
4 Asphalt Coating on joint (T 2mm) (CAAC 1-224) 5 Dummy joint cutting (W0.4cm, D8cm) (CAAC 1-228) 6 Dummy joint cutting (W0.8cm, D3cm) (CAAC 1-230) 7 PUT joint sealing (W0.8cm) (CAAC 1-233) 8 Traction type finishing (CAAC 1-225) 9 Curing(film) (CAAC 1-236) A-Taxiway Shoulder 1 Cement concrete 4.5Mpa (T 26cm) (CAAC 1-208) 2 Cement concrete 4.5Mpa (T 12cm) (CAAC 1-208) 3 Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) M2 Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) M2 Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) M2 Lime flyash stabilizated crushed stone		(lower-subbase) (T 18cm) (CAAC 1-175)	m ²	117,796					
(CAAC 1-224) m² CAAC 1-224 m CAAC 1-228 m CAAC 1-228 m CAAC 1-228 m CAAC 1-230 m Traction type finishing (CAAC 1-235) m² Traction type finishing (CAAC 1-225) m² Sub-total Sub-total Sub-total CAAC 1-208 m² Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² Cower-subbase)	4	Asphait Coating on joint (T 2mm)							
5 Dummy joint cutting (W0.4cm, D8cm) (CAAC 1-228) 6 Dummy joint cutting (W0.8cm, D3cm) (CAAC 1-230) 7 PUT joint sealing (W0.8cm) (CAAC 1-233) 8 Traction type finishing (CAAC 1-225) 9 Curing(film) (CAAC1-236) A-Taxiway Shoulder 1 Cement concrete 4.5Mpa (T 26cm) CAAC 1-208) 2 Cement concrete 4.5Mpa (T 12cm) (CAAC 1-208) 3 Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² Lime flyash stabilizated crushed stone		(CAAC 1-224)	Ë	11,600					
(CAAC 1-228) m (CAAC 1-228) m (CAAC 1-230) m (CAAC 1-230) m (CAAC 1-233) m Taction type finishing (CAAC 1-225) m Sub-total Sub-total Cament concrete 4.5Mpa (T 26cm) m² CAAC 1-208) m² CAAC 1-208 m² CAAC 1-175 m² CAAC 1-208 m² CAAC 1-175 m² CAAC 1-	Ŋ	Dummy joint cutting (W0.4cm, D8cm)							
6 Dummy joint cutting (W0.8cm, D3cm) (CAAC 1-230) 7 PUT joint sealing (W0.8cm) (CAAC 1-233) 8 Traction type finishing (CAAC 1-225) 9 Curing(film) (CAAC1-236) Sub-total A-Taxiway Shoulder 1 Cement concrete 4.5Mpa (T 26cm) (CAAC 1-208) 2 Cement concrete 4.5Mpa (T 12cm) (CAAC 1-208) 3 Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) ### Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) ### Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) #### ### ### ### ### ### ### ### ### #		(CAAC 1-228)	8	23,200					
(CAAC 1-230) 7 PUT joint sealing (W0.8cm) (CAAC 1-233) m 8 Traction type finishing (CAAC 1-225) m ² 9 Curing(film) (CAAC1-236) m ² A-Taxiway Shoulder 1 Cement concrete 4.5Mpa (T.26cm) m ² CAAC 1-208) 2 Cement concrete 4.5Mpa (T.12cm) m ² CAAC 1-208) 3 Lime flyash stabilizated crushed stone (upper-subbase) (T.18cm) (CAAC 1-175) m ² 4 Lime flyash stabilizated crushed stone (upper-subbase) (T.18cm) (CAAC 1-175) m ² Gower-subbase) (T.18cm) (CAAC 1-175) m ²	9	Dummy joint cutting (W0.8cm, D3cm)							
7 PUT joint sealing (W0.8cm) (CAAC 1-233) m 8 Traction type finishing (CAAC 1-225) m 9 Curing(film) (CAAC1-236) m 5 Sub-total A-Taxiway Shoulder 1 Cement concrete 4.5Mpa (T 26cm) m (CAAC 1-208) 2 Cement concrete 4.5Mpa (T 12cm) m (CAAC 1-208) 3 Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m 4 Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m 6 (Ower-subbase) (T 18cm) (CAAC 1-175) m 7 (Ower-subbase) (T 18cm) (CAAC 1-175) m		(CAAC 1-230)	E	48,978				D-7939/	
8 Traction type finishing (CAAC 1-225) m ² 9 Curing(film) (CAAC1-236) m ² Sub-total 1 Cement concrete 4.5Mpa (T 26cm) m ² 2 Cement concrete 4.5Mpa (T 12cm) m ² 3 Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m ² 4 Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m ² 1 Cower-subbase) (T 18cm) (CAAC 1-175) m ² 1 Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m ²	^	PUT joint sealing (W0.8cm) (CAAC 1-233)	E	48,978					
9 Curing(film) (CAAC1-236) Sub-total A-Taxiway Shoulder 1 Cement concrete 4.5Mpa (T 26cm) (CAAC 1-208) 2 Cement concrete 4.5Mpa (T 12cm) (CAAC 1-208) 3 Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) Hime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) Hime flyash stabilizated crushed stone (lower-subbase) (T 18cm) (CAAC 1-175) Hime flyash stabilizated crushed stone	∞	Traction type finishing (CAAC 1-225)	m ⁵	116,000		erv)ankvá			
A-Taxiway Shoulder Cement concrete 4.5Mpa (T 26cm) m² (CAAC 1-208) m² (CAAC 1-208) Cement concrete 4.5Mpa (T 12cm) m² (CAAC 1-208) Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² (Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² (Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² (Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² (Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² (Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² (Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² (Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² (Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² (Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² (Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² (Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² (Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² (Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² (Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² (Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² (Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² (Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² (Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² (Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² (Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² (Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) m² (Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-	0	Curing(film) (CAACI-236)	37	116,000					
A-Taxiway Shoulder Cement concrete 4.5Mpa (T 26cm) CAAC 1-208) CAAC 1-208) Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) Lime flyash stabilizated crushed stone (upwer-subbase) (T 18cm) (CAAC 1-175) Lime flyash stabilizated crushed stone		Sub-total		-					
A-Taxiway Shoulder Cement concrete 4.5Mpa (T 26cm) (CAAC 1-208) Chant concrete 4.5Mpa (T 12cm) (CAAC 1-208) Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) Lime flyash stabilizated crushed stone									
e e e	4	A-Taxiway Shoulder			- 				
a a a a		Cement concrete 4.5Mpa (T 26cm)							
E E		(CAAC 1-208)	B,	150					
a a a	4	Cement concrete 4.5Mpa (T 12cm)							
E E		(CAAC 1-208)	a,	25,740					
m ²	m	Lime flyash stabilizated crushed stone			_				
B ²		(upper-subbase) (T 18cm) (CAAC 1-175)	E E	091			, •		
m ²	4	Lime flyash stabilizated crushed stone			-				
		(lower-subbase) (T 18cm) (CAAC 1-175)	m ²	160		-			

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nanghai Pudong International Airport Project (Airside Civil Works)	
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No. Description of Works Unit Quantity Foreign Cost Component Local Cost Component Local Cost Component China RABE Amount Rate Amount China RABE Chi	Sha	Shanghai Pudong International Airport Project (Airside	t (Airsi	de Civil Works)	ks)					ĺ
Description of Works Unit Quantity Rate Amount Rat	Ten Ten		3		Foreign Cos	t Component	Local Cost	Component	Combined	
m² 27,456 Amount Rate Amount m² 27,456 Amount Amount <t< td=""><td>ŝ</td><td></td><td></td><td>Quantity </td><td>X)</td><td>en)</td><td>(China</td><td>RMB)</td><td>Total</td><td></td></t<>	ŝ			Quantity	X)	en)	(China	RMB)	Total	
"E"EEEEEE					Rate	Amount	Rate	Amount	China RMB	
"E "E E E E E E E E E E E E E E E E E E		S Lime flyash stabilizated crushed stone								
E EEEEE		(upper-subbase) (T 16cm) (CAAC 1-175)	Ë.	27,456						
"E E E E E E E E E E E E E E E E E E E	7,774	6 Lime flyash stabilizated crushed stone								111:11
E EEEEE		(lower-subbase) (T 16cm) (CAAC 1-175)	"E	27,456						THE PARTY
"E E E E E E E										
Ë E EEËË		(CAAC 1-224)	"E	8,245				<u> </u>		
E E E E E E		8 Expansion joint board (T 2cm)								
E EEE'E'E		(CAAC 1-218)	m,	308.9						
E EEEÉE		9 Dummy joint cutting (W0.4cm, D8cm)								
e e e 'e 'e		(CAAC 1-230)	E	30						
E E E É É		O Ashpalt coating or joint (W0.8cm, D3cm)								
3) E E E E E		(CAAC 1-230)	E	21,513						-
3) E E E		1 PUT joint sealing (W2cm) (CAAC 1-232)	٤	3,432						
Ë Ë		2 PUT joint sealing (W0.8cm) (CAAC 1-233)	E	21,450						
Ë		(3 Traction type finishing (CAAC 1-225)	ä	25,890						B.C. BT
Sub-tota]		(4 Curing(sheet)	E E	25,890						
		Sub-total								
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Combined Total	China RMB																							
Local Cost Component (China RMB)	Amount													and the second						.a. 1600c				
Local Cost (China	Rate																							
Foreign Cost Component (Yen)	Amount								M-4.ml											20				
Foreign Cos	Rate												******		30 - Th. 12						-		-	-
Quantity			116 290		236,720		118,360		11,629		23,258	,	49,100	49,100	116,290	116,290					-		-	
Unit			3	:	32		E		E B		E		E	8	m ₂	E		 	 					
Description of Works		B-Taxiway	Cernent concrete 5.0Mpa (T 45cm)	2 Lime flyash stabilizated crushed stone	(upper-subbase) (T 18cm) (CAAC 1-175)	3 Lime flyash stabilizated crushed stone	(lower-subbase) (T 18cm) (CAAC 1-175)	4 Ashpalt coating on joint (T 2mm)	(CAAC 1-224)	5 Dummy joint cutting (W0.4cm, D8cm)	(CAAC 1-228)	6 Dummy joint cutting (W0.8cm, D3cm)	(CAAC 1-230)	7 PUT joint sealing (W0.8cm) (CAAC 1-233)	8 Traction type finishing (CAAC 1-225)	9 Curing(film)(CAAC1-236)	TZIOI-ODC							
Item No.		S		71		m		4		'n	****	Ø		7	∞	0,						P-1-1-		

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irport Project (Airside Civil Works)	
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Item				Foreign Cost Component	Local Cost	Local Cost Component	Combined
Š	Description of Works	Unit	Quantity	(Yen)	(China	(China RMB)	Total
~~~				Rate Amount	Rate	Amount	China RMB
9	B-Taxiway Shoulder						
	Precast concrete block (CAAC1-215)	E	25,580				
N	2 Cement concrete 4.5Mpa (T 26cm)						
	(CAAC 1-208)	E E	150				-
(2)	3 Cement concrete 4.5Mpa (T 12cm)						-
	(CAAC 1-208)	H ²	29,327	<del></del>			
4	4 Lime flyash stabilizated crushed stone	٠					
	(upper-subbase) (T 18cm) (CAAC 1-175)	m,	160				
S	Lime flyash stabilizated crushed stone						
	(lower-subbase) (T 18cm) (CAAC 1-175)	m,	160				
9	6 Lime flyash stabilizated crushed stone						
	(upper-subbase) (T 16cm) (CAAC 1-175)	m ₂	34,021				
1	7 Lime flyash stabilizated crushed stone						
	(lower-subbase) (T 16cm) (CAAC 1-175)	m ₂	31,293				
Ø	8 Crushed stone for sub-base course				-tonder-A	,	
	(T 20cm) (CAAC 1- )	m ²	2,728				
Ø.	9 Asphalt coating on joint (T 2mm)						
	(CAAC 1-224)	m²	939,327				
9	10 Expansion joint board (T 2cm)						-
	(CAAC 1-218)	B ³	351.9	· · · · · · · · · · · · · · · · · · ·			
p-4	Dummy joint cutting (W0.4cm, D8cm)						
	(CAAC 1-230)	<b>E</b>	30		<b>M</b>		
12	Dummy joint cutting (W0.8cm, D3cm)	<u>-</u>					
	(CAAC 1-230)	8	24,502				
Ŋ	13 PUT joint sealing (W2cm) (CAAC 1-232)	E	3,910		-	·	
14	14 PUT joint sealing (W0.8cm) (CAAC 1-233)	E	24,439				
5	15 Traction type finishing (CAAC 1-225)	m ₂	29,477				·

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Item				Foreign Cost	Foreign Cost Component	Local Cost	Local Cost Component	Combined
Š.	Description of Works	Unit	Quantity	(X)	(Yen)	(China RMB)	RMB)	Total
				Rate	Amount	Rate	Amount	China RMB
16	16 Curing(sheet)	m²	29,327					
	Sub-total							
1	C-Taxiway							
p-4	Cement concrete 5.0Mpa (T 45cm)							
	(CAAC 1-214)	m ₂	9,964		**************************************		Company of the state of the sta	
2	2 Lime flyash stabilizated crushed stone							
	(upper-subbase) (T 18cm) (CAAC 1-175)	m ₂	20,578					
₍₄ )	3 Lime flyash stabilizated crushed stone					40040		
	(lower-subbase) (T 18cm) (CAAC 1-175)	m ²	10,289			P-Makes	<del></del>	
4	4 Asphalt coating on joint (T 2mm)						· · · · · · · · · · · · · · · · · · ·	
	(CAAC 1-224)	m ₂	966					
٠	5 Dummy joint cutting (W0.4cm, D8cm)							
	(CAAC 1-228)	æ	1,993			A.F.	····	
\$	6 Dummy joint cutting (W0.8cm, D3cm)							
	(CAAC 1-230)	E	4,207	**************************************			<b>~~</b>	
<u></u>	7 PUT joint sealing (W0.8cm) (CAAC 1-233)	E	4,207					
00	8 Traction type finishing (CAAC 1-225)	Ë	9,964	- Nation		era-kuku		
0	9 Curing(film)(CAAC1-236)	m ²	9,964			· ·	3-3- <del>3-4-3-4-3-4</del>	
	Sub-total							
						t-ra-vanca		
				- 1-0-0				
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C	Shan	Shanghai Pudong International Airport Project (Airside Civil Works)	(Airsi	de Civil Wor	ks)			-	
	Item	-		-	Foreign Cost Component	Component	Local Cost Component	Component	
7:	o Z	Description of Works	Cnit	Quantity [	(Yen)	(	(China RMB)	RMB)	
					Rate	Amount	Rate	Amount	
. <u> </u>	∞	C-Taxiway Shoulder							·
	<del></del>	Cement concrete 4.5Mpa (T 12cm)		***************************************					
-,		(CAAC 1-208)	'n,	4,628					
	1.4	2 Lime flyash stabilizated crushed stone							
		(upper-subbase) (T 16cm) (CAAC 1-175)	m ₂	4,953		dar manu	- Constitution of the Cons		-
	(Y)	3 Lime flyash stabilizated crushed stone					- Annaha - Annaha		
		(lower-subbase) (T 16cm) (CAAC 1-175)	$m^2$	4,953					
		4 Asphalt coating on joint (T 2mm)							
		(CAAC 1-224)	m,	1,481	ine seen.				
	<b>V</b> )	5 Expansion joint board (T 2cm)							
		(CAAC 1-218)	m ²	55.5					
- 11	·	6 Dummy joint cutting (W0.8cm, D3cm)							
-		(CAAC 1-230)	Ħ	3,857					
		7 PUT joint sealing (W2cm) (CAAC 1-233)	E	621					
	···	8 PUT joint sealing (W0.8cm) (CAAC 1-233)	B	3,857	~ <del>~~</del>		<i>ata - 2 - 2</i>		
	<u>~</u>	9 Traction type finishing (CAAC 1-225)	$m^2$	4,628					
	¥	10 Curing(sheet)	E	4,628	-				
		Sub-total			I <del> v. 1</del>				

Combined Total China RMB

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	Combined	Total	China Kivid															-							٠.		
	Local Cost Component	(China KMB)	AUDOUN										Cont and	CARREL TOTAL			d Commonthia										
-	Local Cost	China	Naic																								-
-	Component	Amount	Amount																								:
rks)	Foreign Cost Component	(Yen)	Naic											<del></del>		<del></del>	<del></del>										
side Civil Wo		Cuantity				12,502		25,848		12,924	<del></del>	1,250	-W vna-3	2,500		5,279	5,279	12,502	12,502				6,160		6,578	******	6,578
ct (Air						m,		"E		37		E		E		8	E	m,	B ²		-		B,		E		m ²
Shanghai Pudong International Airport Project (Airside Civil Works)		Description of Works		D-Taxiway	1 Cement concrete 5.0Mpa (T 45cm)	(CAAC 1-214)	2 Lime flyash stabilizated crushed stone	(upper-subbase) (T 18cm) (CAAC 1-175)	Lime flyash stabilizated crushed stone	(lower-subbase) (T 18cm) (CAAC 1-175)	4 Ashalt coating or joint (T 2mm)	(CAAC 1-224)	5 Dummy joint cutting (W0.4cm, D8cm)	(CAAC 1-228)	6 Dummy joint cutting (W0.8cm, D3cm)	(CAAC 1-230)	PUT joint sealing (W0.8cm) (CAAC 1-233)	8 Traction type finishing (CAAC 1-225)	9 Curing(film) (CAAC1-236)	Sub-total	D-Taxiway Shoulder	Cement concrete 4.5Mpa (T 12cm)	(CAAC 1-208)	Lime flyash stabilizated crushed stone	(upper-subbase) (T 16cm) (CAAC 1-175)	3 Lime flyash stabilizated crushed stone	(lower-subbase) (T 16cm) (CAAC 1-175) Asphalt coating or joint (T 2mm)
Shans	Item	V.	7	Ø	-		7		m		4		Ŋ		9			<b>∞</b>	Φ.		2	~		73		m	4

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December of Works	, .	, titue	Foreign Cos	Foreign Cost Component	Local Cost	Local Cost Component	Combined
OII OI WOLKS		, danien y	Rate	Amount	Rate	Amount	China RMB
	m ₂	1,970					
Expansion joint board (T 2cm)							
.`	m ²	73.9		-			
6 Dummy joint cutting (W0.8cm, D3cm)			,				
	£	5,133					
7 PUT joint sealing (W2cm) (CAAC 1-233)	٤	820					
8 PUT joint sealing (W0.8cm) (CAAC 1-233)	E	5,133					
9 Traction type finishing (CAAC 1-225)	m ²	6,160					
	ä,	6,160				E LONG XMM	
Sub-total							
	-						
Cement concrete 5.0Mpa (T 45cm)							
	Ë	5,050					
2 Lime flyash stabilizated crushed stone							
(upper-subbase) (T 18cm) (CAAC 1-175)	m ²	10,452					
3 Lime flyash stabilizated crushed stone				ntown II m			
(lower-subbase) (T 18cm) (CAAC 1-175)	m²	5,226					
Asphalt coating or joint (T 2mm)					عدم ويود		
	m ⁵	505	· ·				
5 Dummy joint cutting (W0.4cm, D8cm)							
	E	1,010					
6 Dummy joint cutting (W0.8cm, D3cm)		-	·				···· 4: · ·
	E	2,132		-			page manak
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Combined	lotai	China RMB																										
Local Cost Component	China KMB)	Amount						***																				
Local Cost	(China	Rate																						•			· ·	
Foreign Cost Component	(xen)	Amount																										
Foreign Cost	_	Rate																										-
	Quantity		5,050	5,050				2,470		2,642		2,642		790		29.6		2,058	329	2,058	2,470	2,470				5,050		13,091
; ; ;			m2	Ë				m,		m,	£restra	"E		m,		m,		8	E	E	m²	a,				100m ²	; ;	1000
Control of the second	Description of works		Traction type finishing (CAAC 1-225)	9 Curing(film)(CAAC1-236)	Sub-total	E-Taxiway Shoulder	Cement concrete 4.5Mpa (T 12cm)	(CAAC 1-208)	2 Lime flyash stabilizated crushed stone	(upper-subbase) (T 16cm) (CAAC 1-175)	3 Lime flyash stabilizated crushed stone	(lower-subbase) (T 16cm) (CAAC 1-175)	4 Asphalt coating or joint (T 2mm)	(CAAC 1-224)	5 Expansion joint board (T 2cm)	(CAAC 1-218)	6 Dummy joint cutting (W0.8cm, D3cm)	(CAAC 1-230)	7 PUT joint sealing (W2cm) (CAAC 1-233)	8 PUT joint sealing (W0.8cm) (CAAC 1-233)	9 Traction type finishing (CAAC 1-225)	10 Curing(sheet) (CAAC234)	Sub-total	F-Taxiway	1 Cement concrete 5.0Mpa (T 45cm)	(CAAC 1-214)	2 Cement concrete 5.0Mpa (T 37cm)	(CAAC 1-213)
Item	o Z		8	ō		12		_=_	7	. <u>~</u>	3		4		5.1		9		7	8	0	10		13	<u>~</u>	<u>~</u>	<del>~~</del>	

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'orks)	reign Cost Component Local Cost Component Co	(Yen) (China KMB) Total Rate Amount Rate Amount China RMB			2,133	42.052		21,026	1,775		4,055		8,559	8,559	20,274	20,274					8,478		9,050		0506		
Shanghai Pudong International Airport Project (Airside Civil Works)	Item	No. Description of Works Unit	3 Comment and some C Older (TAC 27cm)	<del></del>	(CAAC 1-213)	(upper-subbase) (T 18cm) (CAAC 1-175)	10,000,000	(lower-subbase) (T 18cm) (CAAC 1-175) m²	 (CAAC 1-224) m²	7 Dummy joint cutting (W0.4cm, D8cm)	(CAAC 1-228) m	8 Dummy joint cutting (W0.8cm, D3cm)	(CAAC 1-230) m	9 PUT joint sealing (W0.8cm) (CAAC 1-233) m	10 Traction type finishing (CAAC 1-225) m ²	11 Curing(film) (CAAC1-236)   m ²	Sub-total		14 F-Taxiway Shoulder	1 Cement concrete 4.5Mpa (T 12cm)	(CAAC 1-208) m ²	2 Lime flyash stabilizated crushed stone	(upper-subbase) (T 16cm) (CAAC 1-175) m ²	3 Lime flyash stabilizated crushed stone	(lower-subbase) (T 16cm) (CAAC 1-175)   m ²	4 Asphalt coating or joint (T 2mm)	Comment of the Commen

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Quantity (Yen) Rate Amount
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Item S	Description of Works	Item Description of Works Unit 0	Ouantity	Foreign Cost Component (Yen)	ponent	Local Cost (China	Local Cost Component (China RMB)	Combined Total	
;				- 1	Amount	Rate	Amount	China RMB	
6	9 PUT joint sealing (W0.8cm) (CAAC 1-233)	æ '	8,515						
0	10 Traction type finishing (CAAC 1-225)	E '	20,166	man var and w					
prof.	11   Curing(film) (CAAC1-236) Sub-total	'n.	20,166						
· <del>-</del>									
-									
36	G-Taxiway Shoulder	-		**************************************					
,	1 Cement concret 5.0Mpa (T26cm)			******					
	(CAAC 1-213)	'n.	79						
7	2 Cement concrete 4.5Mpa (T 12cm)								
	(CAAC 1-208)	3 ⁷	7,945						
ťΥ	3 deleted								
4	4 deleted								
Ś	5 Lime flyash stabilizated crushed stone								
	(upper-subbase) (T 16cm) (CAAC 1-175)	E E	8,482						
9	6 Lime flyash stabilizated crushed stone								
•	(lower-subbase) (T 16cm) (CAAC 1-175)	Œ	8,482						
1	7 Lime flyash stabilizated crushed stone								
	(upper-subbase) (T 18cm) (CAAC 1-175)	Ë	84				gaga marghan		
90	8 Lime flyash stabilizated crushed stone								
	(lower-subbase) (T 18cm) (CAAC 1-175)	"E	84						
υ\ 	9 Asphalt coating on joint(T 2mm)		-						
	(CAAC 1-224)	"E	2,547						•
7	10 Expansion joint board (T 2cm)		1						
	(CAAC 1-218)	Ë	95.3						

Shar	Shanghai Pudong International Airport Project (Airside Civil Works)	ct (Airs	ide Civil Wo	orks)			
Item No.	Description of Works	Toit	Organtity	Foreign Cost Component		Local Cost Component	Combined
				Rate Amount	Ra	Amount	China RMB
	Dummy joint cutting (W0.4cm, D8cm)						
	(CAAC 1-230)	£	30			g _{i,} aggana	
2	12 Dummy joint cutting (W0.8cm, D3cm)						
	(CAAC 1-230)	E	6,654		<del></del>	~ <del>~~</del>	
13	PUT joint sealing (W2cm) (CAAC 1-233)	E	1,059				
7	14 PUT joint sealing (W0.8cm) (CAAC 1-233)	E	6,654		***************************************	D-Triangle	
5.	15 Traction type finishing (CAAC 1-225)	Ë	8,024				············
9!	16 Curing(sheet) (CAAC1-234)	a,	8,024		A	ako ares	
	Sub-total						
	-						
7	H-Taxiway		-				
	Cement concrete 5.0Mpa (T 45cm)						
	(CAAC 1-214)	m ₃	12,804			<b>,, 21</b> See S	
~	2 Cement concrete 5.0Mpa (T 35cm)						
	(CAAC 1-213)	m,	12,990				
m	3 Cement concret 5.0Mpa (T45-35cm)						
	(CAAC 1-213)	m,	2,133				
4	4 Lime flyash stabilizated crushed stone				<del></del>	<del>Odmira</del> s	-15°
	(upper-subbase) (T 18cm) (CAAC 1-175)	ë.	57,794	•			······································
Υ	Lime flyash stabilizated crushed stone					1.00	
	(lower-subbase) (T 18cm) (CAAC 1-175)	m ²	28,897	**************************************			
Ø	Asphalt coating on joint (T 2mm)				······································		
	(CAAC 1-224)	m,	2,480	- - -			
<u>г</u>	7 Dummy joint cutting (W0.4cm, D8cm)	-	-				
	(CAAC 1-228)	E	5,585		· ·		
<b>∞</b>	8 Dummy joint cutting (W0 8cm, D3cm)	1	13.70			· · · · · · · · · · · · · · · · · · ·	
	(((((((((((((((((((((((((((((((((((((((	E	11.791				

1-233) m 117,91 m² 279,27 m² 279,27		Quantity	Foreign Cost Component	t Component	Local Cost	Local Cost Component	Combined
Description of Works  Unit Quantity  PUT joint sealing (W0.8cm) (CAAC 1-233) m 117,91  Traction type finishing (CAAC 1-225) m² 279,27  Curing(film) (CAAC1-236)  Sub-total  H-Taxiway Shoulder		Quantity		•			
PUT joint sealing (W0.8cm) (CAAC 1-233) m 117,91  Traction type finishing (CAAC 1-225) m ² 279,27  Curing(film) (CAAC1-236) m ² 279,27  Sub-total  H-Taxiway Shoulder		!	( <u>Y</u>	(Yen)	(China	(China RMB)	Total
PUT joint sealing (W0.8cm) (CAAC 1-233) m  Traction type finishing (CAAC 1-225) m ² Curing(film) (CAAC1-236) m ² Sub-total  H-Taxiway Shoulder			Rate	Amount	Rate	Amount	China RMB
Traction type finishing (CAAC 1-225) m ² Curing(film) (CAAC1-236) m ² Sub-total H-Taxiway Shoulder		117,91					
Curing(film) (CAAC1-236)  Sub-total  H-Taxiway Shoulder		279,27					
		279,27					
		_					
,							
	-						
Cement concrete 4.5Mpa (T 12cm)		<del></del>					
(CAAC 1-208) m ² 10,694		10,694					
2 Lime flyash stabilizated crushed stone		- vice-t-u-f-u					
		11,536				- American	
3 Lime flyash stabilizated crushed stone							
(lower-subbase) (T 16cm) (CAAC 1-175) m ² 11,536		11,536					
4 Asphalt coating on joint (T 2mm)							
(CAAC 1-224) 3,422	B,	3,422					
5 Expansion joint board (T 2cm)							
(CAAC 1-218) m ² 128.3	m	128.3					
6 Dummy joint cutting (W0.8cm, D3cm)	(III			W			
(CAAC 1-230) m 8,912	8	8,912					
7 PUT joint sealing (W2cm) (CAAC 1-233) m 1,425		1,425		·			
8 PUT joint sealing (W0.8cm) (CAAC 1-233) m 8,912		8,912					
		10,694		-			
m ₂		10,694					
Sub-total				-	-		-
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Combined	Total	China RMB																									
Local Cost Component	RMB)	Amount								, <u></u>									. <u></u>						Paccolled		
Local Cost	(China RMB)	Rate									<del>- 100 m</del>																
Foreign Cost Component	(Yen)	Amount																									-
Foreign Cost	(لا	Rate																									
	Quantity				8,313		119,79		2,133		46,684		23,342		1,953		4,485		9,468	9,468	22,425	22,425					8,666
	Unit				Ë		m		$m^2$		a,		E.		Ë	-8	E		E	æ	m,	H ₂					m,
	Description of Works		J-Taxiway	[] Cement concrete 5.0Mpa (T 45cm)	(CAAC 1-214)	2 Cement concrete 5.0Mpa (T 35cm)	(CAAC 1-213)	3 Cement concret 5.0Mpa (T45-35cm)	(CAAC 1-213)	4 Lime flyash stabilizated crushed stone	(upper-subbase) (T 18cm) (CAAC 1-175)	5 Lime flyash stabilizated crushed stone	(lower-subbase) (T 18cm) (CAAC 1-175)	6 Asphalt coating on joint (T 2 mm)	(CAAC 1-224)	7 Dummy joint cutting (W0.4cm, D8cm)	(CAAC 1-228)	8 Dummy joint cutting (W0.8cm, D3cm)	(CAAC 1-230)	9 PUT joint sealing (W0.8cm) (CAAC 1-233)	10 Traction type finishing (CAAC 1-225)	11 Curing(film)(CAAC1-236)	Sub-total		J-Taxiway Shoulder	Cement concrete 4.5Mpa (T 12cm)	(CAAC 1-208)  2 Lime flyash stabilizated crushed stone
Item	óZ		19	port.		7		m		4		5.1		<u> </u>		7		8		6	01	717			200	<u>~</u>	77

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Item				Foreign Cos	Foreign Cost Component	Local Cost	Local Cost Component	Combined	
ģ	Description of Works	Unit	Quantity	ک ک	(Yen)	(China	(China RMB)	Total	
				Rate	Amount	Rate	Amount	China RMB	
	(upper-subbase) (T 16cm) (CAAC 1-175)	, EE	9,374						
w	Lime flyash stabilizated crushed stone								
	(lower-subbase) (T 16cm) (CAAC 1-175)	m ⁵	9,374						
4	4 Asphalt coating on joint (T 2mm)		-						
	(CAAC 1-224)	Ë	2,773						
ν.	Expansion joint board (T 2cm)								
	(CAAC 1-218)	m ²	104.0				**************************************		
<u>۲</u>	7 Dummy joint cutting (W0.8cm, D3cm)								
	(CAAC 1-230)	E	7,222						
∞	8 PUT joint sealing (W2cm) (CAAC 1-233)	E	1,155						
0	9 PUT joint sealing (W0.8cm) (CAAC 1-233)	E	7,222						
10	10 Traction type finishing (CAAC 1-225)	m _z	8,666						
	11 Curing(sack)	B ²	8,666						
	Sub-total		·						
2.75									
<b></b>									
	K-Taxiway								
p	Cement concrete 5.0Mpa (T 45cm)	-100							
	(CAAC 1-214)	m ²	8,313						
 	2 Cement concrete 5.0Mpa (T 37cm)								
	(CAAC 1-213)	E E	12,983						
'n	Cement concret 5.0Mpa (T45-37cm)		-						
	(CAAC 1-213)	m ₂	2,133						
4	4 Lime flyash stabilizated crushed stone								
	(upper-subbase) (T 18cm) (CAAC 1-175)	ä	48,568						
5	Lime flyash stabilizated crushed stone								
	(lower-subbase) (T 18cm) (CAAC 1-175)	m ²	24,284	į					

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Combined	Total	China RMB																					-				
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Local Cost	(China	Rate																						•			-
Foreign Cost Component	(Yen)	Amount																									
Foreign Cost	_	Rate																							·		
	Quantity			2,093		4,686		9,892	9,892	23,429	23,429				6,659		10,434		10,434		3,091		115.9		8,049	1,288	8,049
	Cnit			a,		E		E	E	'n,	B ⁵				m ²		'n,		m ²		m ²		m		E	E	E
	Description of Works		6 Asphalt coating on joint (T 2mm)	(CAAC 1-224)	7 Dummy joint cutting (W0.4cm, D8cm)	(CAAC 1-228)	Dummy joint cutting (W0.8cm, D3cm)	(CAAC 1-230)	9 PUT joint sealing (W0.8cm) (CAAC 1-233)	10 Traction type finishing (CAAC 1-225)	11 Curing(film)(CAAC1-236)	Sub-total	K-Taxiway Shoulder	Cement concrete 4.5Mpa (T 12cm)	(CAAC 1-208)	2 Lime flyash stabilizated crushed stone	(upper-subbase) (T 16cm) (CAAC 1-175)	3 Lime flyash stabilizated crushed stone	(lower-subbase) (T 16cm) (CAAC 1-175)	Asphalt coating on joint (T 2mm)	(CAAC 1-224)	Expansion joint board (T 2cm)	(CAAC 1-218)	6 Dummy joint cutting (W0.8cm, D3cm)	(CAAC 1-230)	PUT joint sealing (W2cm) (CAAC 1-233)	8 PUT joint sealing (W0.8cm) (CAAC 1-233)
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Combined	Total	China RMB																										
Local Cost Component	(China RMB)	Amount				-																					.tra	
Local Cost	(China	Rate																										
Component	en)	Amount									و المارية المارية المارية المارية المارية المارية المارية المارية المارية المارية المارية المارية المارية المارية		u-martin.		-72					-							· · · · · · · · · · · · · · · · · · ·	
Foreign Cost Component	(Yen)	Rate									~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~												<del>- 1200</del>					
	Quantity	· ·	659'6	659,6		 <del></del>			8,024		13,091	,	2,133	:	48,120		24,060		2,073		4,650		9,816	9,816	23,248	23,248		
	Chit		m,	E.		 			m,		Ë		Ë		Ë.		a"		37		E	~~~	E	E	Ë	a,		
Item	Description of Works		9 Traction type finishing (CAAC 1-225)	10 Curing(sheet) (CAAC1-234)	Sub-total		L-Taxiway	1 Cement concrete 5.0Mpa (T 45cm)	(CAAC 1-214)	2 Cement concrete 5.0Mpa (T 37cm)	(CAAC 1-213)	3 Cement concret 5.0Mpa (T45-37cm)	(CAAC 1-213)	4 Lime flyash stabilizated crushed stone	(upper-subbase) (T 18cm) (CAAC 1-175)	5 Lime flyash stabilizated crushed stone	(lower-subbase) (T 18cm) (CAAC 1-175)	6 Asphalt coating on joint (T 2mm)	(CAAC 1-224)	7 Dummy joint cutting (W0.4cm, D8cm)	(CAAC 1-228)	Dummy joint cutting (W0.8cm, D3cm)	(CAAC 1-230)	9 PUT joint sealing (W0.8cm) (CAAC 1-233)	10 Traction type finishing (CAAC 1-225)	11 Curing(film) (CAACI-236)	Sub-total	-
Item	S S		6	2			23			7		(n		4		2		9		~		∞		6	10	-	-	

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	Description of Works	Cnit	Quantity	(Yen)	(u	(China RMB)	RMB)	Total	25 XX
			_	Rate	Amount	Rate	Amount	China RMB	
24 L	L-Taxiway Shoulder								ľ
<u> </u>	Cement concrete 4.5Mpa (T 12cm)						erze destard		
<u>ٽ</u>	(CAAC 1-208)	m ²	9,469	4		arak Silve			
2 1	Lime flyash stabilizated crushed stone		<del>,</del>				recier to		
<u>ਦ</u>	(upper-subbase) (T 16cm) (CAAC 1-175)	m ²	10,210						
<u></u>	3 Lime flyash stabilizated crushed stone		• ***	•					
<u> </u>	(lower-subbase) (T 16cm) (CAAC 1-175)	m ²	10,210	-CA-C					222
4	4 Asphalt coating on joint (T 2mm)								- char
<u> </u>	(CAAC 1-224)	Œ.	3,030	<del></del>	**************************************				
<u>い</u> 田	5 Expansion joint board (T 2cm)								- 2 12
<u>ੁ</u>	(CAAC 1-218)	a,	113.6	<del> </del>					
<u>θ</u>	6 Dummy joint cutting (W0.8cm, D3cm)		and the second second						
<u>ڪ</u>	(CAAC 1-230)	E	7,891	<del></del>					
7	PUT joint sealing (W2cm) (CAAC 1-233)	E	1,262						2:27
8 P	8 PUT joint sealing (W0.8cm) (CAAC 1-233)	E	7,891						<u> </u>
9 T	9 Traction type finishing (CAAC 1-225)	m ²	9,469			an file file of			
10 0	10 Curing(sheet) (CAAC1-234)	H ²	9,469						2525
	Sub-total			*****					24-41
25 1	L-1 Taxiway								
2	Cement concrete 5.0Mpa (T 45cm)								- T-
<u>੫</u>	(CAAC 1-214)	B ²	8,024	-	e e e e e e e e e e e e e e e e e e e				
<u>2</u>	2 Lime flyash stabilizated crushed stone		-		-				
<u>ਦ</u>	(upper-subbase) (T 18cm) (CAAC 1-175)	m,	16,520		,	,:			
<u>1</u> m	Lime flyash stabilizated crushed stone								
	(lower-subbase) (T 18cm) (CAAC 1-175)	EG ²	8,260			:	:		
4 A	Asphait coating on joint (1 2mm)								

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Combined	Total	China RMB																-										
Local Cost Component	(China RMB)	Amount					-		ermo d'AS	and the second														,				
Local Cost	(China	Rate																								<b></b>		
Component	en)	Amount																				÷1.3000			~2~ <del>~</del>	- Spring Andrews 47	-	
Foreign Cost Component	(Yen)	Rate																,200								-=-		
	Quantity		802		1,605		3,388	3,388	8,024	8,024		-			3,461		3,802		3,802		1,108		41.5		2,884	461	2,884	3,461
	Unit		m,		E		E	٤	m,	Ë					m ₂		H ₂		Ë		E		Ë		E	E	E	m
Item	Description of Works		(CAAC 1-224)	5 Dummy joint cutting (W0.4cm, D8cm)	(CAAC 1-228)	6 Dummy joint cutting (W0.8cm, D3cm)	(CAAC 1-230)	7 PUT joint sealing (W0.8cm) (CAAC 1-233)	8 Traction type finishing (CAAC 1-225)	9 Curing(film) (CAAC1-236)	Sub-total		L-1 Taxiway Shoulder	1 Cement concrete 4.5Mpa (T 12cm)	(CAAC 1-208)	2 Lime flyash stabilizated crushed stone	(upper-subbase) (T 16cm) (CAAC 1-175)	3 Lime flyash stabilizated crushed stone	(lower-subbase) (T 16cm) (CAAC 1-175)	4 Asphalt coating on joint (T 2mm)	(CAAC 1-224)	5 Expansion joint board (T 2cm)	(CAAC 1-218)	6 Dummy joint cutting (W0.8cm, D3cm)	(CAAC 1-230)	7 PUT joint sealing (W2cm) (CAAC 1-233)	8 PUT joint sealing (W0.8cm) (CAAC 1-233)	9 Traction type finishing (CAAC 1-225)
Item	Š			ν.		9		<b>~</b>	00	6		 	26			~		m		4	-	v.	-	φ	de regionale plane e de company de la company de la company de la company de la company de la company de la co	7		5

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Combined	Total	China RMB																								
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Local Cost	(China	Rate																	<b>***</b>							
Foreign Cost Component	(Yen)	Amount																				 				
Foreign Cos	۲)	Rate																								
	Quantity		3,461				8.239		17,006		8,503		824		1,648		3,479	3,479	8,239	8,239		- -		3,461		3,802
	Carr.		Ë	-			3,		ä,		m ²		a,		٤		٤	٤	m ²	m,				m,		m ²
	Description of Works		10 Curing(sheet) (CAACI-234)	Sub-total	W.Tovinou	Cement concrete 5 OMns (T 45cm)	(CAAC 1-214)	2 Lime flyash stabilizated crushed stone	(upper-subbase) (T 18cm) (CAAC 1-175)	Lime flyash stabilizated crushed stone	(lower-subbase) (T 18cm) (CAAC 1-175)	4 Asphalt coating on joint (T 2mm)	(CAAC 1-224)	5 Dummy joint cutting (W0.4cm, D8cm)	(CAAC 1-228)	6 Dummy joint cutting (W0.8cm, D3cm)	(CAAC 1-230)	7 PUT joint sealing (W0.8cm) (CAAC 1-233)	8 Traction type finishing (CAAC 1-225)	9 Curing(film) (CAAC1-236)	Sub-total	M-Taxiway Shoulder	Cement concrete 4.5Mpa (T 12cm)	(CAAC 1-208)		(upper-subbase) (T 16cm) (CAAC 1-175)
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Combined	Total	China RMB																									į
Local Cost Component	(China RMB)	Amount									-			and the second													
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Component	n)	Amount																									
Foreign Cost Component	(Yen)	Rate			0.7																						·
	Quantity			3,802		1,108		41.5		2,884	461	2,884	3,461	3,461				11,742		24,208		12,104		1,174		2,348	
	Cuit			m,		m ⁵		Ë		٤	E	E	Ë	ä,		 	<b></b>	Ë		E E		3		B,		<b>E</b>	
	Description of Works		3 Lime flyash stabilizated crushed stone	(lower-subbase) (T 16cm) (CAAC 1-175)	4 Asphalt coating on joint (T 2mm)	(CAAC 1-224)	5 Expansion joint board (T 2cm)	(CAAC 1-218)	6 Dummy joint cutting (W0.8cm, D3cm)	(CAAC 1-230)	7 PUT joint sealing (W2cm) (CAAC 1-233)	8 PUT joint sealing (W0.8cm) (CAAC 1-233)	9 Traction type finishing (CAAC 1-225)	10 Curing(sheet) (CAAC1-234)	Sub-total	 M-1 Taxiway	1 Cement concrete 5.0Mpa (T 45cm)	(CAAC 1-214)	2 Lime flyash stabilizated crushed stone	(upper-subbase) (T 18cm) (CAAC 1-175)	3 Lime flyash stabilizated crushed stone	(lower-subbase) (T 18cm) (CAAC 1-175)	Asphalt coating on joint (T 2mm)	(CAAC 1-224)	5 Dummy joint cutting (W0.4cm, D8cm)	(CAAC 1-228)	6 Dummy joint cutting (W0.8cm, D3cm)
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Item				Foreign Cos	Foreign Cost Component	Local Cost Component	Component	Combined
ģ	Description of Works	Unit	Quantity	(Y	(Yen)	(China RMB)	RMB)	Total
				Rate	Amount	Rate	Amount	China RMB
	(CAAC 1-230)	E	4,958					
w ····	8 PUT joint sealing (W0.8cm) (CAAC 1-233)	E	4.958				<del>*************************************</del>	
~	9 Traction type finishing (CAAC 1-225)	Ë	11,742					
2	10 Curing(film) (CAAC1-236)	Ë	11,742			***************************************		
	Sub-total							
30	M-1 Taxiway Shoulder							
	Cement concrete 4.5Mpa (T 12cm)					gar _{ij} ge-present	<del></del>	
* C += =	(CAAC 1-208)	m ²	3,764					
	2 Lime flyash stabilizated crushed stone							
	(upper-subbase) (T 16cm) (CAAC 1-175)	a,	4,105					
ω	3 Lime flyash stabilizated crushed stone				olowsky. N		***************************************	
	(lower-subbase) (T 16cm) (CAAC 1-175)	Ë	4,105				Production and the	
4	4 Asphalt coating on joint (T 2mm)		-				BF3.clarb. To	
	(CAAC 1-224)	Ë	1,205				r Everale Sale	
δ.	5 Expansion joint board (T 2cm)							-
	(CAAC 1-218)	ĽE	45.2				Lunder 14 A	
9	6 Dummy joint cutting (W0.8cm, D3cm)						an Paris	
	(CAAC 1-230)	E	3,137				***************************************	
_	7 PUT joint sealing (W2cm) (CAAC 1-233)	E	461				gr _a comen y	
∞	8 PUT joint sealing (W0.8cm) (CAAC 1-233)	E	3,137		programo - S.	Charles E	-	
0	9 Traction type finishing (CAAC 1-225)	a"	3,764					
2	10 Curing(sheet) (CAAC1-234)	. B	3,764	-				
	Sub-total	-				-		-
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		_	Rate		u0-EP				<del></del>				<del></del>					······			-1 <u></u>		·					
	Foreign Cost Component	(Yen)	Amount						o de la composición de la composición de la composición de la composición de la composición de la composición d				-							<b>.</b>								
orks)	Foreign Cost	_	Rate																					-				•
ide Civil W		Quantity				12,502		25,848		12,924		1,250	-	2,500		5,279	5,279	12,502	12,502			_		6,160		6,578		6,578
ect (Airs		Chit				Ë	-	m ²		ű H		m ²		£		8		a ^z	E E					Ë		a,		т <u></u>
Shanghai Pudong International Airport Project (Airside Civil Works)		Description of Works		N-Taxiway	1 Cement concrete 5.0Mpa (T 45cm)	(CAAC 1-214)	2 Lime flyash stabilizated crushed stone	(upper-subbase) (T 18cm) (CAAC 1-175)	3 Lime flyash stabilizated crushed stone	(lower-subbase) (T 18cm) (CAAC 1-175)	4 Asphalt coating on joint (T 2mm)	(CAAC 1-224)	5 Dummy joint cutting (W0.4cm, D8cm)	(CAAC 1-228)	Dummy joint cutting (W0.8cm, D3cm)	(CAAC 1-230)	7 PUT joint sealing (W0.8cm) (CAAC 1-233)	8 Traction type finishing (CAAC 1-225)	9 Curing(film) (CAAC1-236)	Sub-total		N-Taxiway Shoulder	Cement concrete 4.5Mpa (T 12cm)	(CAAC 1-208)	2 Lime flyash stabilizated crushed stone	(upper-subbase) (T 16cm) (CAAC 1-175)	3 Lime flyash stabilizated crushed stone	(lower-subbase) (T 16cm) (CAAC 1-175)
hang	Item	ò		31			77		m		4		S		9			00	6			32	_		7		3	ξ.

Project (Airside Civil Works)   Foreign Cost Component   I		ocal Cost Component Combined (China RMB)	Amount China RMB		n. 445 s 344		à reliadire su						and and ready	essantino ve	- Anna Bandar	de men hall			post when		- Sagrado de la Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de Caractería de	A Production of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the C					
Description of Works								<del></del> -								<del></del> -	·-••		-					<del></del>		-	
Ehai Pudong International Airport Project (Airside Civi CAAC 1-224)  Expansion joint board (T 2cm)  (CAAC 1-224)  Expansion joint board (T 2cm)  (CAAC 1-218)  Dummy joint cutting (W0.8cm, D3cm)  (CAAC 1-230)  PUT joint sealing (W2cm) (CAAC 1-233)  PUT joint sealing (W0.8cm) (CAAC 1-225)  Traction type finishing (CAAC 1-225)  Puraxiway  Cement concrete 5.0Mpa (T 45cm)  (CAAC 1-214)  Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175)  Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175)  Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175)  CAAC 1-224)  Dummy joint cutting (W0.8cm, D8cm)  (CAAC 1-228)  Dummy joint cutting (W0.8cm, D3cm)  (CAAC 1-230)  PUT joint sealing (W0.8cm) (CAAC 1-233)  m 4,66  PUT joint sealing (W0.8cm) (CAAC 1-233)  m 4,66  PUT joint sealing (W0.8cm) (CAAC 1-233)  m 4,66  PUT joint sealing (W0.8cm) (CAAC 1-233)	l Works)		Rate	7.1		o,		33	21	33	20	20				 92		22		21		<u>\$</u>					 2
phai Pudong International Airport Project  Description of Works  (CAAC 1-224)  Expansion joint board (T 2cm) (CAAC 1-218)  Dummy joint cutting (W0.8cm, D3cm) (CAAC 1-230)  PUT joint sealing (W2cm) (CAAC 1-233)  PUT joint sealing (W2cm) (CAAC 1-233)  Traction type finishing (CAAC 1-225)  Curing(sheet) (CAAC1-234)  Sub-total  P-Taxiway  Cement concrete 5.0Mpa (T 45cm) (CAAC 1-214)  Lime flyash stabilizated crushed stone (lower-subbase) (T 18cm) (CAAC 1-175)  Lime flyash stabilizated crushed stone (lower-subbase) (T 18cm) (CAAC 1-175)  Asphalt coating on joint (T 2mm) (CAAC 1-224)  Dummy joint cutting (W0.8cm, D8cm) (CAAC 1-228)  PUT joint sealing (W0.8cm, D3cm) (CAAC 1-230)	(Airside Civil	-			·		<b></b>								<del></del>	 				<del></del>	<del></del> :		<del></del>			· ——	10 000
	thai Pudong International Airport Project				Expansion joint board (T 2cm)		Dummy joint cutting (W0.8cm, D3cm)	(CAAC 1-230)	PUT joint sealing (W2cm) (CAAC 1-233)	PUT joint sealing (W0.8cm) (CAAC 1-233)	-		Sub-total		F-Jaxiway			<del></del>			ing on joint (T 2mm)			(CAAC 1-228)	Dummy joint cutting (W0.8cm, D3cm)		 8 Traction tone finishing (CAAC 1-224)

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Description of Works   Unit   Quantity   Rate   Amount   Rate   Cement concrete 4.5Mpa (T 12cm)   m²   4,668   Rate	Item	Item Fore			Foreign Cost Component	Component	Local Cost	Local Cost Component	Combined	
P-Taxiway Shoulder   Rate   Amount   Rate   Amount   Rate	Ž		Cnit	Quantity	(Ye	en)	(China	RWB)	Total	****
P-Taxiway Shoulder  Cement concrete 4.5Mpa (T 12cm)  (CAAC 1-208)  Lime flyash stabilizated crushed stone (Upper-subbase) (T 18cm) (CAAC 1-175)  Lime flyash stabilizated crushed stone (lower-subbase) (T 18cm) (CAAC 1-175)  Lime flyash stabilizated crushed stone (lower-subbase) (T 18cm) (CAAC 1-175)  Lime flyash stabilizated crushed stone (lower-subbase) (T 16cm) (CAAC 1-175)  Lime flyash stabilizated crushed stone (lower-subbase) (T 16cm) (CAAC 1-175)  Machalt coating on joint (T 2mm)  (CAAC 1-214)  Expansion joint board (T 2cm)  (CAAC 1-218)  Dummy joint cutting (W0.8cm, D3cm)  (CAAC 1-230)  PUT joint sealing (W2cm) (CAAC 1-233)  PUT joint sealing (W2cm) (CAAC 1-233)  Traction type finishing (CAAC 1-225)  Curing(sheet) (CAAC1-225)  Machalt Coatial  Sub-total					Rate	Amount	Rate	Amount	China RMB	
P-Taxiway Shoulder    Cement concrete 4.5Mpa (T 12cm)   m²   4,6 (CAAC 1-208)   m²   4,6 (CAAC 1-214)   m²   Lime flyash stabilizated crushed stone (Upper-subbase) (T 18cm) (CAAC 1-175)   m²   Lime flyash stabilizated crushed stone (Iower-subbase) (T 18cm) (CAAC 1-175)   m²   4,6 (Upper-subbase) (T 18cm) (CAAC 1-175)   m²   4,6 (Upper-subbase) (T 16cm) (CAAC 1-175)   m²   4,6 (Iower-subbase) (T 16cm) (CAAC 1-175)   m²   4,6 (Iower-subbase) (T 16cm) (CAAC 1-175)   m²   1,1 (CAAC 1-224)   m²   5 (CAAC 1-224)   m²   1,1 (CAAC 1-230)   m²   1,1 (CAAC 1-230)   m²   1,2 (CAAC 1-230)   m²   1,2 (CAAC 1-230)   m²   1,2 (CAAC 1-230)   m²   1,2 (CAAC 1-230)   m²   1,2 (CAAC 1-230)   m²   1,2 (CAAC 1-233)   m²   1,2 (CAAC 1-230)   m²   2 (CAAC 1-235)   m²   3,2 (Curing(sheet) (CAAC1-234)   m²   4,4 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC1-234)   m²   1,2 (CAAC		Sub-total								
P-Taxiway Shoulder    Cement concrete 4.5Mpa (T 12cm)   m²   4,6     (CAAC 1-208)   m²   4,6     (CAAC 1-214)   m²     Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175)   m²     Lime flyash stabilizated crushed stone (lower-subbase) (T 18cm) (CAAC 1-175)   m²     Lime flyash stabilizated crushed stone (upper-subbase) (T 16cm) (CAAC 1-175)   m²   4,6     (Lime flyash stabilizated crushed stone (lower-subbase) (T 16cm) (CAAC 1-175)   m²   4,6     (Lime flyash stabilizated crushed stone (lower-subbase) (T 16cm) (CAAC 1-175)   m²   4,6     (CAAC 1-224)   m²   5     CAAC 1-218)   m²   5     Dummy joint cutting (W0.8cm, D3cm) (CAAC 1-230)   m   3,6     (CAAC 1-218)   m²   4,6     PUT joint sealing (W2cm) (CAAC 1-233)   m²   4,6     Traction type finishing (CAAC 1-225)   m²   4,6     Caac 1-230   m²   4,6     Traction type finishing (CAAC 1-225)   m²   4,6     Caac 1-230   m²   4,6     Traction type finishing (CAAC 1-225)   m²   4,6     Caac 1-230   m²   4,6     PUT joint sealing (W0.8cm) (CAAC 1-233)   m²   4,6     Caac 1-230   m²   4,6     PUT joint sealing (W0.8cm) (CAAC 1-233)   m²   4,6     Caac 1-230   m²   4,6     Caac 1-230   m²   4,6     Caac 1-230   m²   4,6     PUT joint sealing (W0.8cm) (CAAC 1-233)   m²   4,6     Caac 1-230   m²   4,6										
EEEEEEE	34			- <del>(4 - 3 - 6) -</del>						
E E E E E E E E E E E E E E E E E E E		Cement concrete 4.5Mpa (T 12cm)								
LE LE LE LE LE EEELLE		(CAAC 1-208)	m ₂	4,668						,
E E E E E E E E E E E E E E E E E E E	·	2 Cement concrete 5.0Mpa (T 26cm)		-						
E E E E E E E E E E E E E E E E E E E		(CAAC 1-214)	m ₂	109	· · · · · ·					
E E E E E E E E E E E E E E E E E E E		3 Lime flyash stabilizated crushed stone								
EEEEEEE	<del></del>	(upper-subbase) (T 18cm) (CAAC 1-175)	35	116					•	
EEEEEEE		4 Lime flyash stabilizated crushed stone								
E E E E E E E E E E E E E E E E E E E	====	(lower-subbase) (T 18cm) (CAAC 1-175)	'n,	116						
EEEEEEE										
E E E E E E E E E E E E E E E E E E E		(upper-subbase) (T 16cm) (CAAC 1-175)	a,	4,981						
E E E E E E E E E E E E E E E E E E E		6 Lime flyash stabilizated crushed stone								
E E E E E E E E E E E E E E E E E E E		(lower-subbase) (T 16cm) (CAAC 1-175)	Ë	4,981		***************************************				
E E E E E E E E E E E E E E E E E E E		7 Asphalt coating on joint (T 2mm)								
E EEEEE		(CAAC 1-224)	E	1,500						
E E E E E E E E E E E E E E E E E E E	<del></del>	8 (Expansion joint board (T 2cm)				,				
EEEEE		(CAAC 1-218)	"E	56.0		Au				
EEEEEE		9 Dummy joint cutting (W0.8cm, D3cm)								
EEEE		(CAAC 1-230)	E	3,936						
E E E	<b></b>	O PUT joint sealing (W2cm) (CAAC 1-233)	E	622						
B B		1 PUT joint sealing (W0.8cm) (CAAC 1-233)		3,890					-	
Curing(sheet) (CAAC1-234) m ² Sub-total		2 Traction type finishing (CAAC 1-225)	ä	4,777		-				
		(3 Curing(sheet) (CAAC1-234)	37	4,777						
		Sub-total								

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Local Cost	(China	Rate																									:	
Foreign Cost Component	(Yen)	Amount																										
Foreign Cos		Rate					Plan - Plan	Pierra salizaci	************		s,																	
	Quantity				322,817		76,614	-	46,875		11,825		3,800		930,142		465,017	-	43,698		92,386		195,037	195,037	461,931	461,931		
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-	Description of Works		Loading Apron	Cement concrete 5.0Mpa (T45cm)	(CAAC 1-214)	2 Cement concrete 5.0Mpa (T39cm)	(CAAC 1-213)	3 Cement concrete5.0Mpa (T32cm)	(CAAC 1-213)	4 Cement concrete 5.0Mpa (T45-32cm)	(CAAC 1-213)	5 Cement concrete 5.0Mpa (T39-32cm)	(CAAC 1-213)	6 Lime flyash stabilizated crushed stone	(upper-subbase) (T 18cm) (CAAC 1-175)	7 Lime flyash stabilizated crushed stone	(lower-subbase) (T.18cm) (CAAC 1-175)	Asphalt coating on joint (T 2mm)	(CAAC 1-224)	9 Dummy joint cutting (W0.4cm, D8cm)	(CAAC 1-228)	10 Dummy joint cutting (W0.8cm, D3cm)	(CAAC 1-230)	11 PUT joint sealing (W0.8cm) (CAAC 1-233)	Traction type finishing (CAAC 1-225)	Curing(film) (CAAC1-236)	Sub-total	
Item	 0 2		35	27		2		(7)		4		2		5		7	<u>~</u>	8	<u></u>	6	<u> </u>	10[	$\simeq$	II.	12/1	13 (		

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Combined Total China RMB

Š	เล็ก	Shanghai Pudong International Airport Project (Airside Civil Works)	t (Airs	ide Civil W		:			
Ľ	Item				Foreign Cost Component		ocal Cost (	Local Cost Component	
<u></u>	ò	Description of Works	Unit	Quantity	(Yen)		(China RMB)	RMB)	
					Rate Amount		Rate	Amount	
Ľ	36	Cargo Apron							
	_	Cement concrete 5.0Mpa (T45cm)							
		(CAAC 1-214)	Ë	30,168					
	N	2 Cement concrete 5.0Mpa (T32cm)							
		(CAAC 1-213)	B,	4,155	***	· · ·			
	m	3 Cement concrete 5.0Mpa (T45-32cm)			•••••		g seguiperature en		
		(CAAC 1-213)	E.	1,385					_/_
	4	4 Lime flyash stabilizated crushed stone				<del>- Zulo</del> VII			
		(upper-subbase) (T 18cm) (CAAC 1-175)	Ë	72,154					
	\$	5 Lime flyash stabilizated crushed stone				····			
		(lower-subbase) (T 18cm) (CAAC 1-175)	B,	36,077					c- <b>et-te</b>
	9	6 Asphalt coating on joint (T 2mm)							
===	-	(CAAC 1-224)	m,	3,446		·			T-13-0
	7	7 Dummy joint cutting (W0.4cm, D8cm)				<del></del>			
		(CAAC 1-228)	E	7,142					
	ø	8 Dummy joint cutting (W0.8cm, D3cm)							
		(CAAC 1-230)	E	15,077					
	Φ	9 PUT joint sealing (W0.8cm) (CAAC 1-233)	E	15,077		,			
	10	10 Traction type finishing (CAAC 1-225)	Ë	35,708					**************************************
		11 Curing(film) (CAAC1-236)	3	35,708					
		Sub-total				· <u></u>			or the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of th
									<i>-</i>
	37	Apron Shoulder				-			
	grant	Cement concrete 4.5Mpa (T 16cm)					-		
		(CAAC 1-208)	Ë	13,966					~~~
	Ŋ	2 Cement concrete 4.5Mpa (T 12cm)				<b></b>		-	productive s

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Description of Works		~~	1		4- 4-																					er Ena			
Description of Works   Unit   Quantity   Fate   Amount	Combined Total	China RMB																											
Description of Works   Unit   Quantity   Fate   Amount	Component RMB)	Amount		- 35-4-4-	, <u>, , , , , , , , , , , , , , , , , , </u>										-								VA	CALCON					
Description of Works   Unit   Quantity	Local Cost (China	Rate																								-			- - -
Description of Works   Unit   Quantity	t Component en)	Amount																									:		
CAAC 1-208)  (CAAC 1-208)  (CAAC 1-214)  Precast concrete 5.0Mpa (T 26cm)  (CAAC 1-214)  Precast concrete block (CAAC1-215)  Lime flyash stabilizated crushed stone (lupper-subbase) (T 18cm) (CAAC 1-175)  Lime flyash stabilizated crushed stone (lupper-subbase) (T 18cm) (CAAC 1-175)  Lime flyash stabilizated crushed stone (lupper-subbase) (T 16cm) (CAAC 1-175)  Lime flyash stabilizated crushed stone (lupper-subbase) (T 16cm) (CAAC 1-175)  Lime flyash stabilizated crushed stone (Lower-subbase) (T 16cm) (CAAC 1-175)  Machine flyash stabilizated crushed stone (T20cm)(CAAC 1-193, 194)  Asphalt coating on joint (T 2cm) (CAAC 1-218)  Dummy joint cutting (W0.4cm, D8cm) (CAAC 1-218)  Dummy joint cutting (W0.8cm, CAAC 1-233)  Machine flyash staling (W2cm) (CAAC 1-233)  PUT joint sealing (W0.8cm) (CAAC 1-223)  Curing(sheet) (CAAC1-223)  Machine flyash stabilizated crushed (CAAC 1-223)  Curing(sheet) (CAAC1-223)  Machine flyash stabilizated crushed (CAAC 1-223)  Curing(sheet) (CAAC1-223)	Foreign Cos (Y	Rate																											
CCAAC 1-208)  (CAAC 1-208)  (CAAC 1-214)  Precast concrete 5.0Mpa (T 26cm)  (CAAC 1-214)  Precast concrete block (CAAC1-215)  Lime flyash stabilizated crushed stone (Upper-subbase) (T 18cm) (CAAC 1-175)  Lime flyash stabilizated crushed stone (Iower-subbase) (T 18cm) (CAAC 1-175)  Lime flyash stabilizated crushed stone (Upper-subbase) (T 16cm) (CAAC 1-175)  Lime flyash stabilizated crushed stone (Iower-subbase) (T 16cm) (CAAC 1-175)  Crushed stone for Sub-base course (T20cm)(CAAC 1-193, 194)  Asphalt coating on joint (T 2mm) (CAAC 1-224)  Expansion joint board (T 2cm) (CAAC 1-230)  Dummy joint cutting (W0.8cm, D3cm) (CAAC 1-230)  PUT joint sealing (W2cm) (CAAC 1-233)  PUT joint sealing (W0.8cm) (CAAC 1-225)  Curing(sheet) (CAAC1-234)  Sub-total	Quantity		5,829		12,334	26.4		13,058		13,058		21,586		21,234		352		3,174		293.4		2,467	-	21,704	3,260	16,496	32,129	32,129	
No. Description of Works  (CAAC 1-208)  3 Cement concrete 5.0Mpa (T 26cm) (CAAC 1-214)  4 Precast concrete block (CAAC1-215) 5 Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) 6 Lime flyash stabilizated crushed stone (upper-subbase) (T 18cm) (CAAC 1-175) 7 Lime flyash stabilizated crushed stone (upper-subbase) (T 16cm) (CAAC 1-175) 8 Lime flyash stabilizated crushed stone (upper-subbase) (T 16cm) (CAAC 1-175) 9 Crushed stone for Sub-base course (T20cm)(CAAC 1-193, 194) 10 Asphalt coating on joint (T 2mm) (CAAC 1-224) 11 Expansion joint board (T 2cm) (CAAC 1-230) 13 Dummy joint cutting (W0.8cm, D3cm) (CAAC 1-230) 14 PUT joint sealing (W2cm) (CAAC 1-233) 15 PUT joint sealing (W0.8cm, CAAC 1-233) 16 Traction type finishing (CAAC 1-225) 17 Curing(sheet) (CAAC1-234) Sub-total	Unit		m ²		m ₂	Ë		"E		Ë		m ₂		3,		m _z		m ²		E		E		E	E	E	B,		
NON S	Description of Works		(CAAC 1-208)		(CAAC 1-214)		Lime flyash stabilizated crushed stone	(upper-subbase) (T 18cm) (CAAC 1-175)	Lime flyash stabilizated crushed stone	(lower-subbase) (T 18cm) (CAAC 1-175)	Lime flyash stabilizated crushed stone	(upper-subbase) (T 16cm) (CAAC 1-175)	Lime flyash stabilizated crushed stone	(lower-subbase) (T 16cm) (CAAC 1-175)	Crushed stone for Sub-base course	(T20cm)(CAAC 1-193,194)	Asphalt coating on joint (T 2mm)	(CAAC 1-224)	Expansion joint board (T 2cm)	(CAAC 1-218)	Dummy joint cutting (W0.4cm, D8cm)	(CAAC 1-230)	Dummy joint cutting (W0.8cm, D3cm)	(CAAC 1-230)	PUT joint sealing (W2cm) (CAAC 1-233)	PUT joint sealing (W0.8cm) (CAAC 1-233)	Traction type finishing (CAAC 1-225)	Curing(sheet) (CAAC1-234)	Sub-total
	S S						S		8		~		∞		6		10		<u></u>		12		131		4	151	16	17	

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Shanghai Pudong International Airport Project (Airside Civil Works)

				Foreign Cos	Foreign Cost Component	Local Cost Component	Component	Combined
Description of Works	S	Cnit	Quantity	_	(Yen)	(China RMB)	RMB)	Total
				Rate	Amount	Rate	Amount	China RMB
Overrun								
Cement concrete 5.0Mpa (T 26cm)	u)	-						
(CAAC 1-214)		a,	7,560					
Lime flyash stabilizated crushed stone	tone							
(upper-subbase) (T 18cm) (CAAC 1-175)	1-175)	"E	7,744					
Lime flyash stabilizated crushed stone	tone		`					
(lower-subbase) (T 18cm) (CAAC 1-175)	1-175)	Ë	7,744					
4 Asphalt coating on joint (T 2mm)							market	
(CAAC 1-224)		æ	437					
5 Dummy joint cutting (W0.4cm, D8cm)	)8cm)							
(CAAC 1-228)		E	1,512					
6 Dummy joint cutting (W0.8cm, D3cm)	3cm)						nerod with	
(CAAC 1-230)		<b>E</b>	1,512					
7 PUT joint sealing (W0.8cm) (CAAC 1-233)	AC 1-233)	E 	3,192					
8 Traction type finishing (CAAC 1-225)	25)	Ë	7,560					-
9 Curing(film) (CAAC1-236)		, E	7,560		agestern en		ana Aderia	
	-							
Sub-total								
Steel Works,					المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراج			
Hauling and Curing of Sub-base Materials	e Materials							
I Fabrication of reinforcement bar( \$≤10)	<b>♦≤</b> 10)	ton	215.60					
(CAAC1-412)								
2 Fabrication of reinforcement bar( $\phi > 10$ )	(01<\$)	ton	1,348.58	·				
(CAAC1-413)								
3 Making (grooving depth >0.8cm) (CAACI-285)	n) (CAAC1-285)		13,437					
4 Making (grooving depth 0.4-0.8cm)(CAAC1-284)	3cm)(CAAC1-284	m ²	24,431					

Rate   Amount   Rate   Amount   Amoun	Item No.	Description of Works	Unit	Quantity	Foreign Cost Component (Yen)	Component	Local Cost Component (China RMB)	Component RMB)	Combined Total	
Fueling hydrant well, Water supply hydrant well (CAAC1-419)  Making and fabrication of tie bar (CAAC1-414) ton Making and fabrication of earthling(CAAC1-418) ton Making and fabrication of earthling(CAAC1-418) ton Making and fabrication of anchor bar(CAAC1-417) ton Hauling of semi-manufactured cement concrete m³ Hauling of sub-base materials (CAAC1-439) m³ Curing of sub-base course (CAAC1-197) ton Sub-total  Marking  Marking  Runway(Yellow, W10m) m² Runway(Yellow, W0.5m-3.0m) m² Taxiway(Yellow, W0.15m-0.3m) m² Apron (Yellow, W0.15m-0.3m) m² Apron (Yellow, W0.6m) m² Apron (Yellow, W0.05m) m² Apron (Yellow, W0.05m) m² Apron (Yellow, W0.05m) m² Apron (Yellow, W0.05m) m² Apron (Red, W0.2m) m²					Rate	Amount	Rate	Amount	China RMB	
(CAAC1-419)  Making and fabrication of tic bar (CAAC1-416)  Making and fabrication of slip bar (CAAC1-414)  Making and fabrication of earthling(CAAC1-418)  Making and fabrication of anchor bar(CAAC1-417)  Making and fabrication of anchor bar(CAAC1-417)  Hauling of semi-manufactured cement concrete  Hauling of sub-base materials (CAAC1-197)  Marking  Marking  Sub-total  Runway(Yellow, W1.5m-3.0m)  Marking  Runway(Yellow, W0.15m-0.3m)  Taxiway(Yellow, W0.15m-0.3m)  Apron (Yellow, W0.15m-0.3m)  Apron (Yellow, W0.6m)  Apron (Yellow, W0.2m)  Marking	5	Fueling hydrant well, Water supply hydrant well	ton	3.42						
Making and fabrication of tie bar (CAAC1-416)  Making and fabrication of slip bar (CAAC1-414) ton  Making and fabrication of earthling(CAAC1-418) ton  Making and fabrication of anchor bar(CAAC1-417) ton  Hauling of semi-manufactured cement concrete  Hauling of sub-base materials (CAAC1-439)  Curing of sub-base materials (CAAC1-440,441) ton  Sub-total  Runway(Yellow, W10m)  Runway(Yellow, W0.5m-3.0m)  Runway(Yellow, W0.15m-0.3m)  Taxiway(Yellow, W0.15m-0.3m)  Apron (Yellow, W0.15m-0.3m)  Apron (Yellow, W0.6m)  Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal Macanal		(CAAC1-419)								
Making and fabrication of slip bar (CAAC1-414) ton Making and fabrication of earthling(CAAC1-418) ton Making and fabrication of anchor bar(CAAC1-417) ton Hauling of semi-manufactured cement concrete Hauling of sub-base materials (CAAC1-497) m ³ Curing of sub-base materials (CAAC1-440,441) ton Sub-total  Marking  Runway(Yellow, W10m) m ² Runway(Yellow, W0.5m-3.0m) m ³ Runway(Yellow, W0.15m-0.3m) m ³ Apron (Yellow, W0.15m-0.3m) m ² Apron (Yellow, W0.15m-0.3m) m ³ Apron (Yellow, W0.00m) m ³ Apron (Red, W0.2m) m ³	9	Making and fabrication of tie bar (CAACI-416)	ton	474.08						
Making and fabrication of earthling(CAACI-418)  Making and fabrication of anchor bar(CAACI-417)  Making and fabrication of anchor bar(CAACI-417)  Hauling of sub-base materials (CAACI-439)  Curing of sub-base course (CAACI-497)  Hauling of metal materials (CAACI-440,441)  Sub-total  Runway(Yellow, W10m)  Runway(Yellow, W1.5m-3.0m)  Runway(Yellow, W0.9m)  Taxiway(Yellow, W0.15m-0.3m)  Taxiway(Yellow, W0.15m-0.3m)  Apron (Yellow, W0.15m-0.3m)  Apron (Yellow, W0.05m)  Apron (Yellow, W0.05m)  Apron (Yellow, W0.2m)  Sub-total  Sub-total	7	Making and fabrication of slip bar (CAAC1-414)	ğ	1,659.18						
Making and fabrication of anchor bar(CAAC1-417) Hauling of semi-manufactured cement concrete Hauling of sub-base materials (CAAC1-439)  Curing of sub-base course (CAAC1-440,441)  Hauling of metal materials (CAAC1-440,441)  Sub-total  Runway(Yellow, W10m) Runway(Yellow, W1.5m-3.0m)  Runway(Yellow, W0.9m)  Taxiway(Yellow, W0.15m-0.3m)  Apron (Yellow, W0.15m-0.3m)  Apron (Yellow, W0.05m)  Apron (Yellow, W0.05m)  Apron (Yellow, W0.05m)  Apron (Red, W0.2m)  Sub-total  Sub-total	∞	Making and fabrication of earthling(CAACI-418)		2.28						
Hauling of semi-manufactured cement concrete m³ Hauling of sub-base materials (CAAC1-439) m² Curing of sub-base course (CAAC1-197) m² Hauling of metal materials (CAAC1-197) ton Sub-total  Marking Runway(Yellow, W10m) m² Runway(Yellow, W0.5m-3.0m) m² Runway(Yellow, W0.15m-0.3m) m² Apron (Yellow, W0.15m-0.3m) m² Apron (Yellow, W0.15m-0.3m) m² Apron (Yellow, W0.2m) m² Apron (Red, W0.2m) m²	σ	Making and fabrication of anchor bar(CAAC1-417)	ţ	0.15				deren eser		
Hauling of sub-base materials (CAAC1-439)  Curing of sub-base course (CAAC1-197)  Hauling of metal materials (CAAC1-440,441)  Sub-total  Runway(Yellow, W10m)  Runway(Yellow, W0.9m)  Runway(Yellow, W0.15m-0.3m)  Taxiway(Yellow, W0.15m-0.3m)  Apron (Yellow, W0.15m-0.3m)  Apron (Yellow, W0.05m)  Apron (Yellow, W0.05m)  Apron (Yellow, W0.05m)  Apron (Yellow, W0.05m)  Sub-total	10	Hauling of semi-manufactured cement concrete	"E	567,760						
Curing of sub-base course (CAAC1-197)  Hauling of metal materials (CAAC1-440,441)  Sub-total  Marking  Runway(Yellow, W1.5m-3.0m)  Runway(Yellow, W0.9m)  Runway(Yellow, W0.15m-0.3m)  Taxiway(Yellow, W0.15m-0.3m)  Apron (Yellow, W0.15m-0.3m)  Apron (Yellow, W0.05m)  Apron (Yellow, W0.2m)  Apron (Yellow, W0.2m)  Sub-total	F	Hauling of sub-base materials (CAACI-439)	E.	735,839						
Hauling of metal materials (CAAC1-440,441) ton  Sub-total  Marking  Runway(Yellow, W10m) m² Runway(Yellow, W1.5m-3.0m) m² Runway(Yellow, W0.9m) m² Taxiway(Yellow, W0.15m-0.3m) m² Apron (Yellow, W0.15m-0.3m) m² Apron (Yellow, W0.6m) m² Apron (Yellow, W0.6m) m² Apron (Yellow, W0.6m) m²	12	Curing of sub-base course (CAAC1-197)	3"	4,060,148						
Sub-total  Marking  Runway(Yellow, W10m)  Runway(Yellow, W1.5m-3.0m)  Runway(Yellow, W0.9m)  Taxiway(Yellow, W0.15m-0.3m)  Apron (Yellow, W0.15m-0.3m)  Apron (Yellow, W0.6m)  Apron (Yellow, W0.2m)  Apron (Red, W0.2m)  Sub-total	13	Hauling of metal materials (CAAC1-440,441)	ton	7,132						
Marking  Runway(Yellow, W10m)  Runway(Yellow, W1.5m- 3.0m)  Runway(Yellow, W0.9m)  Taxiway(Yellow, W0.15m-0.3m)  Apron (Yellow, W0.15m-0.3m)  Apron (Yellow, W0.6m)  Apron (Yellow, W0.2m)  Apron (Red, W0.2m)  Sub-total										
Marking  Runway(Yellow, W10m)  Runway(Yellow, W1.5m-3.0m)  Runway(Yellow, W0.9m)  Taxiway(Yellow, W0.15m-0.3m)  Apron (Yellow, W0.15m-0.3m)  Apron (Yellow, W0.6m)  Apron (Yellow, W0.2m)  Sub-total	e er elde Chaffe Silv	Sub-total		· ·				A SU-Conflict		
v(Yellow, W10m)       m²         v(Yellow, W1.5m-3.0m)       m²         v(Yellow, W0.15m-0.3m)       m²         v(Yellow, W0.15m-0.3m)       m²         (Yellow, W0.15m-0.3m)       m²         (Yellow, W0.6m)       m²         (Red, W0.2m)       m²         Sub-total       m²		Marking		Court to The Comment A				See Collective Collect		
y(Yellow, W1.5m- 3.0m)       m²         y(Yellow, W0.15m-0.3m)       m²         y(Yellow, W0.15m-0.3m)       m²         (Yellow, W0.15m-0.3m)       m²         (Yellow, W0.6m)       m²         (Red, W0.2m)       m²         Sub-total       m²	<b>F</b> (	Runway(Yellow, W10m)	n,	2,400						
y(Yellow, W0.9m) y(Yellow, W0.15m-0.3m) m ² (Yellow, W0.15m-0.3m) m ² (Yellow, W0.6m) m ² (Red, W0.2m) m ² Sub-total	73	Runway(Yellow, W1.5m-3.0m)	B ⁷	3,192				e dake ek		
y(Yellow, W0.15m-0.3m) m ² (Yellow, W0.15m-0.3m) m ² (Yellow, W0.6m) m ² (Red, W0.2m) m ² Sub-total	m	Runway(Yellow, W0.9m)	3,	7,845		~				
(Yellow, W0.15m-0.3m) m ² (Yellow, W0.6m) m ² (Red, W0.2m) m ² Sub-total	4	Taxiway(Yellow, W0.15m-0.3m)	3 ⁷	13,573						
(Yellow, W0.6m) m² (Red, W0.2m) m² Sub-total	Ŋ	Apron (Yellow, W0.15m-0.3m)	32	9,607				ametri shi		
(Red, W0.2m) m² Sub-total	9		3,	387						
:	1		m ²	864		-				
Sub-total					. •				- -	
		Sub-total	-							
									-	-
				-						

Shan	Shanghai Pudong International Airport Project (Airside Civil Works)	irside	Civil Works				:
Item No.	Description of Works	Unit	Quantity		Foreign Cost Component (Yen)	Local Cost Component (China RMB)	Component RMB)
			-	Rate	Amount	Rate	Amount
4	Anchor Beam						
	1 Excavation	Ë	3,370				
.,,	2 Concrete 5.0 Mpa	Ë	1,614				
***	3 C-15 Concrete	Ë	3,972				
*	4 Reinforcement bar( $\phi > 10$ )	ton	198.95				
				-	******		
	Sub-total	:					
			-				
	Total of Pavement Works				*****		
7		· ,- «-					
					- ton		
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Combined Total China RMB

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Combined	Total	China RMB																									
Component	RMB)	Amount			and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s	<del></del>									**************************************							44	et inset		:		
Local Cost Component	(China RMB	Rate													Dale Charles			-		-		SOURCE TO	-		Part Control		
Foreign Cost Component	(Yen)	Amount											·····	2+4.7****										-			
Foreign Cos	<u>ل</u> )	Rate																									
	Quantity							186,739	21,130	2,017		6,434			1,887	89	2,630	4,517	4,517	4,334	16,635	140,476	41,248	2,353	27,576	42,992	1,291
	Cnit				ior nierradriiseadoni			ີ ຍ	ິE	Ē		E —			<u>E</u>	E	_E	E.	E	E —	E	E E	ິຣ	E E	E.	"E	m
	Description of Works			Direct Works	A		1. Masonry Ditch	1 Excavation (CAACI-028)	Masonry Work (CAACI-371)	3 Wooden expancion board (T2cm)	(CAAC1-233)	4 Gritstone bedding (CAAC1-287)	Sub-total	Box Culvert, U-shape Drain	Steel fibre precast concrete cover (C45)	2 In-situ concrete cover(C30) (S6-3-41)	Precast concrete cover(C30) (CAAC1-401)	Fabrication of precast cover (CAAC1-406)	Cover hauling( S=3000m) (CAAC1-444,445)	Concrete box culvert(C25) (CAAC1-376)	In-situ concrete(C25) (CAACI-375)	Excavation (CAAC1-028)	Backfilling with ordinary soil (CAAC1-332)	10 Backfilling with crushed stones (CAACI-332)	Backfilling with concrete(c7.5) (CAAC1-332)	12 Joint sealing (CAACI-391)	PVC expansion board(T 2cm) (CAAC1-218)
Item	Š.		-3		Area A		=	F~4	63	m		4		4	p	7	m	4	Ś	9		60	O,	. 10	purd provid	12	13

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Shan	Shanghai Pudong International Airport Project (Airside	- 4	Civil Works)	()					Į.
Item				Foreign Cos	Foreign Cost Component	Local Cost	Local Cost Component	Combined	
o N	Description of Works	Unit	Quantity	(X	(Yen)	(China RMB)	RMB)	Totai	
				Rate	Amount	Rate	Amount	China RMB	7
4	14 Cement concrete bedding( C15) (CAAC1-294)	E	4,860						•
15	15 Crushed stones bedding (CAACI-287)	Ë	4,006						
16	16 Fabrication of reinforcement bar( \$≤10)		54,215						-
	(CAAC1-412)						agampanan		
7.7	17 Fabrication of reinforcement bar( φ>10)	4.5	2,212,19						
	(CAAC1-413)								
18	18 Type A Cast steel grating cover (E-2)	<u>.</u>	19.81						
19	19 Type A Cast steel grating cover (E-2)	<u>.</u>	19.28						
2	20 Hauling of semi-manufactured cement concrete	E	53,494						
	(CAAC1-436,437)								
7	21 Hauling of metal materials (CAACI-440,441)	<b></b>	2,754.34						
	Sub-total								
	Total of Area A		-						
Area B	<b>Q</b>								
<b>~</b>	1. Masonry Ditch								
,I	Excavation (CAAC1-028)	E_	186,739						
<i>(</i> 1	2 Masonry Work (CAAC1-371)	E.	21,130						
m	3 Wooden expancion board (T2cm)	E E	2,017						
	(CAAC1-233)								
4	4 Gritstone bedding (CAACI-287)	Ë	6,434						
	Sub-total								
				ge income			-		
vi -	2. Box Culvert, U-shape Drain								
<b>F</b> -4	1 In-situ concrete cover(C30) (86-3-41)	Ē	108		m*mah4/2*				
	2 Precast concrete cover(C30) (CAAC1-401)	ີ ສີ	2,087	,,,,,,					
<del></del>	3 Fabrication of precast cover (CAAC1-406)	E	2,087				and the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t		
4	4 Cover hauling (S=3000m) (CAAC1-444,445)	, E	2,087			-			H

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Combined	Total	China RMB																						NA VANCO			
Component	RMB)	Amount					ricos mátes <b>II</b>		***************************************	an percentual de			- 4- DF 4-	<del></del>				a colores	E-FW see.				is Since a Description			4.	
Local Cost Component	(China RMB)	Rate						e et proper e		~ <del>~~~</del>	<del>g des</del> Yaliffe				entre confl	•		-				•				**************************************	
Component	'u)	Amount							***************************************				<del></del>					· · · · · · · · · · · · · · · · · · ·	<del></del>						-		
Foreign Cost Component	(Yen)	Rate			•											PPCAL								S-TOMBAC	:		
	Quantity		2,997	9,592	97,216	33,548	1,763	13,181	67,658	767	2,506	2,386	29,589		1,025.29	Den view voer	1.01	28,384		1,321.18	·						•
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	Description of Works		S Concrete box culvert(C25) (CAAC1-376)	In-situ concrete(C25) (CAACI-375)	Excavation (CAAC1-028)	Backfilling with ordinary soil (CAACI-332)	Backfilling with crushed stones (CAAC1-332)	10 Backfilling with concrete(C7.5) (CAAC1-332)	11 Joint sealing (CAACI-391)	12 PVC expansion board(T 2cm) (CAACI-218)	13 Cement concrete bedding( C15) (CAAC1-294)	14 Crushed stones bedding (CAAC1-287)	15 Fabrication of reinforcement bar( \$≤10)	(CAAC1412)	16 Fabrication of reinforcement bar(φ>10)	(CAAC1413)	17 Section steel grating cover (E-3)	18 Hauling of semi-manufactured cement concrete	(CAAC1-436,437)	19 Hauling of metal materials (CAACI-440,441)	Sub-total		Total of Area B		Total of Drainage Works		
Item	o Z		SIC	6 [[	7 E	∞ Ω	8 6	10 B	11 1	12 P	13 C	14 C	15 F	<u>ੁ</u>	16FE	<u> </u>	178	18 H	<u> </u>	19 H	-						

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S	anghai Pudong Inte	Shanghai Pudong International Airport Project (Airside Civil Works)	(Airsi	de Civil Wo	ırks)				
Item No		Description of Works	Unit	Quantity	Foreign Cos (Y	Foreign Cost Component (Yen)	Local Cost Compa	Cocal Cost Component (China RMB)	Combined Total
					Rate	Amount	Rate	Amount	China RMB
1-4		Regulating Pond and Pump Station Direct Works				namen a ship-like			
₹	Area A								
pe el	Regulating Pond		-	·					
	1 Excavation and hi	Excavation and hauling of soil to fill area							
	(CAAC 1-058)		E E	96,121					
	2 Masonry work (T	2 Masonry work (T30cm) (CAAC 1-371)	E	6,994					
	3 Joint sealing (CAAC 1-391)	AC 1-391)	m ²	23,314					
		Sub-total							
<u>, c</u>	Prima Station								
1	t unit clation			i					
===	1   Machine excavation (CAAC 1-058)	ion (CAAC 1-058)	Ē	7,021		. <del></del>			
	2 Manual excavation (CAAC 1-028)	on (CAAC 1-028)	Ē	221					
u.	3 Disposal of residu	3 Disposal of residual Materials (CAAC 1-108)	EH.	4,999					
	4 In-situ concrete (C20) (CAAC 1-375)	(C20) (CAAC 1-375)	m³	1,811					
	5 Leveling concrete	S Leveling concrete (C15) (CAAC 1-294)	E.E.	44					
	6 Wooden form		a°	197					
	7 Maccadam stone	7 Maccadam stone bedding (CAAC 1-287)	m³	177					
	8 Backfilling with c	8 Backfilling with ordinary soil (CAAC 1-332)	E E	2,243					
	9 Reinforcement ba	9 Reinforcement bar (CAAC 1-413, 440, 441)	ton	198					
	-	Sub-total					- No. 44 - 10	~~~~~	
m	Control Room								
	1 Manual excavation	uc	E	105					
,	2 Disposal of residual Materials	ual Materials	E.	54					
<u> </u>	3 In-situ concrete (C20)	(C20)	Ê	79					
	4 Leveling concrete (C15)	e (C15)	m,	6				and the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of th	

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Combined	Total	China RMB																							
Local Cost Component	(China RMB)	Amount		haf haden and						WARRIE A. WALL		Security State		COMPANY.			·		indered a State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of State of St				-		- :
Local Cost	(China	Rate																							
Component	'u)	Amount				,																		 	: : :
Foreign Cost Component	(Yen)	Rate																<del></del>	~						* * * * * * * * * * * * * * * * * * * *
	Quantity		16	28	51	9	kaza <u>d</u>		nent	:	9	S		\$	·	77		·		73	10				
	Cnit		E	E	Ē	ton	Lot		i Equipa		ea	ន		ន		89		8	g	g	E	LS		 	
	Description of Works		S Wooden form	6 Maccadam stone bedding	7 Backfilling with ordinary soil	8 Reinforcement bar	9 Finishing work	Sub-total	 Furnishing and Installation of Pumping Equipm	Storm water pump ( $\Phi$ 1, 200mm×120m ³ /m	×2.92m×90kW)	2 Flap valve (\$\Phi\$ 1,200mm)	3 Automatic raking machine (W2.0m×H5.0m	×2.2kW)	4 Automatic raking machine (W2.0m×H5.0m	×2.2kW)	5 Flood gate (sluice type, W2.0m x H2.0m x	6.0kW)	6 Water level indicator	7 Stop logs (W2.25m x H1.0m (5 pieces))	8 PVC pipe for pumps	Electrical equipment	Sub-total	Total of Area A	
Item	Š.		S	9	7	8	Ó		4	p4		7	ι,		4		'n		9		80	<u> </u>			

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Scription of Works  Unit Quantity Rate Amount  and d hauling of soil to fill area  d hauling of soil to fill area  m 107,056  (T30cm) (CAAC 1-371)  M 7,024  CAAC 1-391)  Sub-total  Sub-total  At 4,999  Se (C20) (CAAC 1-287)  m 1,811  rete (C15) (CAAC 1-287)  m 2,243  the ordinary soil (CAAC 1-332)  m 105  m 1	5	Y.	Shankana a deemk ameer aan bare a rejeer (Ans)	1010101	uc Strii Works)	(2017)					
Legulating Pond         Unnt         Quantity         (Yen)         (Yen)           cegulating Pond         Accavation and hauling of soil to fill area         m³         107,056           CAAC 1-058)         m³         7,024           State oncy work (T30cm) (CAAC 1-371)         m³         23,412           Sib-total         m³         7,024           Sub-total         m³         7,021           Janual excavation (CAAC 1-058)         m³         4,999           resitu concrete (C20) (CAAC 1-237)         m³         1,811           seveling concrete (C20) (CAAC 1-234)         m³         1,811           seveling with ordinary soil (CAAC 1-332)         m³         2,243           cinforcement bar (CAAC 1-413, 440, 441)         ton         198           control Roon         m³         105           Sub-total         m³         105           solutore (C20)         m³         2,243           cinforcement bar (CAAC 1-413, 440, 441)         ton         198           control Roon         m³         105           seveling concrete (C20)         m³         79           eveling concrete (C20)         m³         9	11	em		;		Foreign Cos	t Component	Local Cost	Local Cost Component	Combined	
cgulating Pond         Kate         Amount           xcavation and hauling of soil to fill area         m²         107,056           AACI -0.88)         m²         7,024           Aasonry work (T30cm) (CAAC 1-371)         m²         23,412           Sub-total         m²         221           Sub-total         m²         221           Aanual excavation (CAAC 1-0.88)         m²         4,999           reveling concrete (C20) (CAAC 1-2.84)         m²         4,44           reveling concrete (C15) (CAAC 1-2.87)         m²         1,811           reveling concrete (C15) (CAAC 1-2.87)         m²         2,243           reveling concrete (C15) (CAAC 1-3.32)         m²         2,243           centforcement bar (CAAC 1-413, 440, 441)         ton         198           centforcement bar (CAAC 1-413, 440, 441)         ton         105           centforcement bar (cavation         m³         7,94           Sub-total         m³         7,94           seveling concrete (C20)         m³         7,9           centforcete (C20)         m³         2,243           centforcement bar (cavation         m³         7,9           seveling concrete (C20)         m³         7,9	Z	<u>o</u>	Description of Works	Cart	Quantity			(China	(China RMB)	Total	
cegulating Pond  xcavation and hauling of soil to fill area  CAAC 1-058)  fasonry work (T30cm) (CAAC 1-371)  Sub-total  fachine excavation (CAAC 1-058)  fanual excavation (CAAC 1-028)  hisposal of residual Materials (CAAC 1-108)  hisposal of residual Materials (CAAC 1-294)  m³  faccadam stone bedding (CAAC 1-287)  faccadam stone bedding (CAAC 1-375)  m³  faccadam stone bedding (CAAC 1-332)  fackfilling with ordinary soil (CAAC 1-332)  cenforcement bar (CAAC 1-413, 440, 441)  Sub-total  fanual excavation  fanual excavatio						Kate	Amount	Rate	Amount	China RMB	
Regulating Pond   Excavation and hauling of soil to fill area (CAAC 1-058)   m³   107,0   T,0	¥.	เรา	<b>a</b>		AP. (****				-t		-
Excavation and hauling of soil to fill area (CAAC 1-058)   Masonry work (T30cm) (CAAC 1-371)			Regulating Pond								
(CAAC 1-058)   Masonry work (T30cm) (CAAC 1-371)   m³   107,0     Masonry work (T30cm) (CAAC 1-371)   m³   7,0     Joint sealing (CAAC 1-391)   m³   23,4     Pump Station   Sub-total   m³   7,0     Machine excavation (CAAC 1-058)   m³   2,8     Manual excavation (CAAC 1-028)   m³   4,9     In-situ concrete (C20) (CAAC 1-294)   m³   1,8     Leveling concrete (C15) (CAAC 1-294)   m³   1     Maccadam stone bedding (CAAC 1-287)   m³   1     Maccadam stone bedding (CAAC 1-332)   m³   1     Maccadam stone bedding (CAAC 1-287)   m³   1     Sub-total   Materials   m³   1     Leveling concrete (C20)   m³   1     Leveling concrete (C15)   m³   1     Leveling concrete (C15)   m³   1     Leveling concrete (C15)   m³   1     Maccadam stone (C15)   m³   1     Leveling concrete (C15)   m³   1		=	Excavation and hauling of soil to fill area	<del> Pi-</del> -							
2 Masonry work (T30cm) (CAAC 1-371) m³ 7,0 3 Joint sealing (CAAC 1-391) m² 23,4	-		(CAAC 1-058)	Ê	107,056						
3   Joint sealing (CAAC 1-391)   m ²   Sub-total   Sub-total   Sub-total   Sub-total   Machine excavation (CAAC 1-058)   m ³   7,0     2   Manual excavation (CAAC 1-028)   m ³   4,9     3   Disposal of residual Materials (CAAC 1-375)   m ³   1,8     4   In-situ concrete (C15) (CAAC 1-294)   m ³   1,8     5   Leveling concrete (C15) (CAAC 1-294)   m ³   1     7   Maccadam stone bedding (CAAC 1-287)   m ³   1     8   Backfilling with ordinary soil (CAAC 1-332)   m ³   2,2     9   Reinforcement bar (CAAC 1-413, 440, 441)   ton   1     Sub-total   Manual excavation   m ³   1     1   Manual excavation   m ³   1     2   Disposal of residual Materials   m ³   3   In-situ concrete (C15)   m ³   4   Leveling concrete (C15)   m ³   4   Leveling concrete (C15)   m ³   4   Leveling concrete (C15)   m ³   4   4   Leveling concrete (C15)   m ³   4   4   4   4   4   4   4   4   4		7	Masonry work (T30cm) (CAAC 1-371)	æ	7,024						
Sub-total   Sub-total		w	Joint sealing (CAAC 1-391)	Ë.	23,412		observation (Constitution Constitution Const				-,
Pump Station			Sub-total								
Fump Station   1   Machine excavation (CAAC 1-058)   m ³   7,0   2   2   2   3   2   2   2   2   3   2   3   2   3   2   3   2   2											
Machine excavation (CAAC 1-058)   m ³   7,0     Manual excavation (CAAC 1-028)   m ³   4,9     In-situ concrete (C20) (CAAC 1-375)   m ³   1,8     In-situ concrete (C15) (CAAC 1-294)   m ³   1     Wooden form   m ³   1     Wooden form   1   Maccadam stone bedding (CAAC 1-287)   m ³   1     Sackfilling with ordinary soil (CAAC 1-332)   m ³   2,2     Reinforcement bar (CAAC 1-413, 440, 441)   ton   1     Sub-total   Control Room   Materials   m ³   1     Disposal of residual Materials   m ³   1     Leveling concrete (C20)   m ³   1     Leveling concrete (C15)   m ³   1     Manual excavation   m ³   1     Leveling concrete (C15)   m ³   1     Leveling concrete (C15)   m ³   1     Manual excavation   m ³   1     Manual excavation   m ³   1     Manual excavation   m ³   1     Leveling concrete (C15)   m ³   1	71	···	Pump Station								
2 Manual excavation (CAAC 1-028)  3 Disposal of residual Materials (CAAC 1-108)  4 In-situ concrete (C20) (CAAC 1-375)  5 Leveling concrete (C15) (CAAC 1-294)  6 Wooden form  7 Maccadam stone bedding (CAAC 1-287)  8 Backfilling with ordinary soil (CAAC 1-332)  9 Reinforcement bar (CAAC 1-413, 440, 441)  1 Sub-total  Control Room  1 Manual excavation  2 Disposal of residual Materials  3 In-situ concrete (C20)  4 Leveling concrete (C15)  3 In-situ concrete (C15)  4 Leveling concrete (C15)		p-oj	Machine excavation (CAAC 1-058)	Ë	7,021						
3 Disposal of residual Materials (CAAC 1-108) m³ 4,9 4 In-situ concrete (C20) (CAAC 1-375) m³ 1,8 5 Leveling concrete (C15) (CAAC 1-294) m³ 1 7 Maccadam stone bedding (CAAC 1-287) m³ 1 8 Backfilling with ordinary soil (CAAC 1-332) m³ 2,2 9 Reinforcement bar (CAAC 1-413, 440, 441) ton Sub-total Control Room 1 Manual excavation 2 Disposal of residual Materials m³ 1n-situ concrete (C20) m³ 3 In-situ concrete (C20) m³ 4 Leveling concrete (C15) m³		7	Manual excavation (CAAC 1-028)	Ë	221						
In-situ concrete (C20) (CAAC 1-375)   m'   1,8     Leveling concrete (C15) (CAAC 1-294)   m'   1     Wooden form   m'   1     Maccadam stone bedding (CAAC 1-287)   m'   1     Backfilling with ordinary soil (CAAC 1-332)   m'   2,2     Reinforcement bar (CAAC 1-413, 440, 441)   ton   1     Sub-total   Sub-total   m'   1     Manual excavation   m'   1     Disposal of residual Materials   m'   1     Leveling concrete (C20)   m'   m'   1     Leveling concrete (C15)   m'   m'   1     Leveling concrete (C15)   m'   m'   1     The situ concrete (C15)   m'   m'   m'   m'   m'   1     The situ concrete (C15)   m'   m'   m'   m'   m'   m'   m'   m		m	Disposal of residual Materials (CAAC 1-108)	Ë	4,999						
Control Room   Control Canal Cantrol Room   Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Canal Ca	<del></del> -	4	In-situ concrete (C20) (CAAC 1-375)	Ë	1,811						
Wooden form   The control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the c		S	Leveling concrete (C15) (CAAC 1-294)	E.	44						
Maccadam stone bedding (CAAC 1-287)   m ³   2,2     Backfilling with ordinary soil (CAAC 1-332)   m ³   2,2     Reinforcement bar (CAAC 1-413, 440, 441)   ton   1     Sub-total   Sub-total   m ³   1     Manual excavation   m ³   1     Disposal of residual Materials   m ³   1     In-situ concrete (C20)   m ³   1     Leveling concrete (C15)   m ³   1		Ø	Wooden form	Ë	197						
8 Backfilling with ordinary soil (CAAC 1-332) m ³ 2,2 9 Reinforcement bar (CAAC 1-413, 440, 441) ton 1 Sub-total  Control Room 1 Manual excavation 2 Disposal of residual Materials m ³ 3 In-situ concrete (C20) m ³ 4 Leveling concrete (C15) m ³	****	~	Maccadam stone bedding (CAAC 1-287)	E	177						
9 Reinforcement bar (CAAC 1-413, 440, 441) ton Sub-total  Control Room    Manual excavation   m ³   1   Disposal of residual Materials   m ³   1   In-situ concrete (C20)   m ³   1   Leveling concrete (C15)   m ³   m ³   1		00	Backfilling with ordinary soil (CAAC 1-332)	Ē	2,243		-		~~~		
Sub-total   Control Room   1   Manual excavation   m³   1   2   Disposal of residual Materials   m³   1   3   In-situ concrete (C20)   m³   4   Leveling concrete (C15)   m³   m³   m³   m³   m³   m³   m³   m		0	Reinforcement bar (CAAC 1-413, 440, 441)	ton	198						
Control Room    Manual excavation   m³   1     Disposal of residual Materials   m³   1     3   In-situ concrete (C20)   m³   m³   4   Leveling concrete (C15)   m³   m³   m³   m³   m³   m³   m³   m			Sub-total								
1 Manual excavation 2 Disposal of residual Materials 3 In-situ concrete (C20) 4 Leveling concrete (C15)			Control Boom								
E E E	)	-	Manual excavation	3	105						
n n		~	Disposal of residual Materials	Ê	45						
e E		m	In-situ concrete (C20)	Ê	79					-	
		4	Leveling concrete (C15)	B	6						
E		\sqrt{\chi}	Wooden form	E	16				y - The most		

le Civil Works)	
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Combined	Total	China RMB							_ ***							- P. C. S.							AND AND A	·	
Local Cost Component	(China RMB)	Amount													-0										·
Local Cost	(China	Rate									·									-					 -
Foreign Cost Component	(Yen)	Amount	***************************************			Tarket	all-natural statements							yer - per			Fact est		de disease						
Foreign Cos	(ل	Rate			-	-								····		~	-,,								
	Quantity		28	51	9	<b>P</b>		i nent	<b></b>	9	\$		. 5		7		kd		7	10				-	
	S S	-	m.	Ĩ.	ton	Lot		[quipn		ę	ន		ea		ea		ន	es es	ę	E	LS				u o
	Description of Works		Maccadam stone bedding	7 Backfilling with ordinary soil	8 Reinforcement bar	9 Finishing work	Sub-totai	i Furnishing and Installation of Pumping Equipm	Storm water pump (Ф1,200mm×120m³/m	×2.92m×90kW)	Flap valve ( $\Phi$ 1,200mm)	Automatic raking machine (W2.0m×H5.0m	×2.2kW)	Automatic raking machine (W2.0m X115.0m	×2.2kW)	5 Flood gate (sluice type, W2.0m x H2.0m x	6.0kW)	6 Water level indicator	7 Stop logs (W2.25m x H1.0m (5 pieces))	PVC pipe for pumps	Electrical equipment	4	מתפונסוים	Total of Area B	rotal of Negulating Four and Fump Station
ltem	o Z		9	7	80	6		4	1004	-	7	8		4		5.1	v	9	<u></u>	<b>∞</b>	6				

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	Combined Total	China RMB																-							
	Local Cost Component (China RMB)	Rate Amount					and should be a second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the second by the					encimate a												-	
	Foreign Cost Component (Yen)	Rate Amount														-									
Civil Works	Ouantity	,				29,666	<del></del>	29,666		34,958		34,958	29,666	29,666			1,758	157	157			146.7	157.6	3,630	
Airside	Unit					3,		ä		æ		m ²	m ²	æ,			Ē	m³	E			ton	ton	E E	
Shanghai Pudong International Airport Project (Airside Civil Works)	Description of Works		Appurtenant Works Direct Works	Perimeter Road, Maintenance Road	Fine asphalt concrete surface course(T 3cm)	(CAAC1-257,258)	2 Course asphalt concrete base course(T 6cm)	(CAAC1-249,250)	3 Lime flyash stabilized crushed stones	(Upper-subbase)(T15cm)(CAAC1-175,176)	4 Lime flyash stabilized crushed stones	(Lower-subbase)(T15cm)(CAAC1-175,176)	$5 \text{Tack coat}(0.4\text{kg/m}^2)$ (CAAC1-263)	6 Prime coat(0.8kg/m²) (CAAC1-265)	Sub-total	Perimeter Fence (Brick Type)	1 Brick work (CAAC 1-427)	2 In-situ concrete (C15) (CAAC 1-294)	Maccadam stone b	Suo-total	Perimeter Fence (Steel Bar Type)	Reinforcement bar (CAAC 1-413, 440, 441)	Structural steel	3 In-situ concrete (C15) (CAAC 1-294)	Sub-total
Shang	Item		1-5	ped	e1		71		m		4		ς.	9		_ 72	<del></del>	~~	(U		W	<u>~</u>	77	<del>~~~</del>	

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1 7			٠	Foreign Cos	Foreign Cost Component	Local Cost	Local Cost Component	Combined
Š	o. Description of Works	E C C	Quantity	(Y	(Yen)	(China	(China RMB)	Total
				Rate	Amount	Rate	Amount	China RMB
77	Gate	ęs	4					
<u>w</u>	Blast Fence							
	1 Blast wall (CAACI-376)	Ê	1,896					
	2 Reinforcing web (CAAC1-376)	£	1,128					
	3 Footing foundation (CAAC1-294)	m ³	3,444					
	4 Concrete subslab (CAAC1-294)	E E	298					
	5 Crushed stone (CAAC1-294)	Ê	865					
	6 Reinforcement bar (CAAC1-413)	ton	534					
	Sub-total							
و	GSE Route (Pass, Passage)		-					
	l Fine asphalt concrete surface course(T 4cm)	37	30,059					
	(CAAC1-257,258)							
	2 Course asphalt concrete base course(T 6cm)	m ²	30,059					
	(CAAC1-249,250)	-	-					
	3 Lime flyash stabilization for crushed stones(T18cm)	m ²	33,336					
day new Tr	(CAACI-175,176)	(						
	4 Lime flyash stabilization for crushed stones(T18cm)	ŽE	33,336			-		
	5 Crushed stones for sub-base course(T 20cm)	m ₂	33,336					
	(CAAC1-193,194)							-
	6 Tack coat(0.4kg/m2) (CAAC1-263)	m ²	30,059					
	7 Prime coat (AAC1-265)	m ²	30,059					
	Sub-total		-					

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Sh	Shanghai Pudong International Airport Project (Airside Civil Works)	irside	Civil Work	(s		
Item				Foreign Cost Component	Local Cost Component	Combined
ġ Z	5. Description of Works	E C	Quantity	(Yen)	(China RMB)	Total
				Rate Amount	Rate Amount	China RMB
<u>^</u>	Hauling and Curing of Sub-base Materials					
	1 Hauling of sub-base materials (CAACI 439)	Ë	29,155			
	2 Curing of sub-base course (CAAC1-197)	a°	59,725			
	3 Hauling of metal materials (CAAC1-440,441)	ton	1,279			
	Sub-total					
ø	Power Cable Duct					
	1 Excavation	Ë				
-/	2 Crushed stone bedding	m,				
	3 Filling with sand	Ë				
	4 In-situ concrete (C20) (CAAC 1-375)	Ë				
	5 Cement mortar (M7.5)	m²				
	Sub-total					
٥	Miscellaneous Steel Works					
	1 Rebar for lighting facilities	ton			anarai a d	
	2 Rebar for hydrant pit	ton			-C-Partico	٠
	3 Ankor bar	ton				
	4 Steel work for earthing	ton				
	Sub-total					
2	Precast Concrete Pile	E				
<del></del>	(0.45m x 0.45m x 25m)					
	Total of Appurtenant Works					
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