

PART-3 GRAND SUMMARY



Shanghai Pudong International Airport Project (Airside Civil Works)

Item No.	Description of Works	Unit	Quantity	Foreign Cost Component (Yen)		Local Cost Component (China RMB)		Combined Total China RMB
				Rate	Amount	Rate	Amount	
1	Grand Summary							
	Preliminary and General Items							
2	Earth Works							
3	Pavement Works							
4	Drainage Works							
5	Regulating Pond and Pump Station							
6	Appurtenant Works							
A	Subtotal of Bills (Items 1 to 6)							
B	Specified Provisional Sums included in Subtotal of Bills							
C	Total of Bills Less Specified Provisional Sums (A-B)							
D	Add Provisional Sum for Contingencies Allowance							
E	Tender Price (A+D) (Carried forward to Form of Tender)							



PART-4 SCHEDULE OF DAYWORKS RATES



Shanghai Pudong International Airport Project (Airside Civil Works)

Item No.	Description of Works	Unit	Quantity	Foreign Cost Component (Yen)		Local Cost Component (China RMB)		Combined Total China RMB
				Rate	Amount	Rate	Amount	
1	Schedule of Dayworks Rates							
	When instructed by the Engineer, the Contractor shall carry out works on a Daywork basis as provided for Clause 52.4 of the Conditions of Contract.							
	Labour							
	Daywork rates for labour shall include: wages, any bonus paid, daily travelling, tool and meal allowances and all prescribed payments including those in respect of time lost due to inclement weather. In addition to the amount of wages paid to workmen the daywork rates shall include for all statutory charges, including various relevant insurances, and public holidays with pay, industrial training levies, redundancy payment contribution, the cost of on-site supervision and staffing including foremen, small tools, protective clothing.							
		Bricklayer	Hr	1				
		Electrician	Hr	1				
		Carpenter/Joiner	Hr	1				
		Plumber	Hr	1				
		Painter	Hr	1				
		Roofer	Hr	1				
	Welder	Hr	1					
	Tiler	Hr	1					

Shanghai Pudong International Airport Project (Airside Civil Works)

Item No.	Description of Works	Unit	Quantity	Foreign Cost Component (Yen)		Local Cost Component (China RMB)		Combined Total China RMB
				Rate	Amount	Rate	Amount	
	Plasterer	Hr	1					
	Stonemason	Hr	1					
	Steelfixer	Hr	1					
	Scaffolder	Hr	1					
	Drainlayer	Hr	1					
	Concretor	Hr	1					
	Driver	Hr	1					
	Heavy equipment operator	Hr	1					
	Light equipment operator	Hr	1					
	Labourer	Hr	1					
	Helper	Hr	1					
2	Plant Dayworks rates for construction plant (already on Site) shall include in addition to the basic hourly rate for plant and on Site supervision. The cost of fuel and consumables, repairs, maintenance, insurance and time spent on general servicing. Where plant is lived in specifically for dayworks, the amount shall be at the full invoiced value for the hours worked including driver and attendants, fuels, insurance and transport, to which should be added consumables where supplied by the Contractor at 12.5 %.							

Shanghai Pudong International Airport Project (Airside Civil Works)

Item No.	Description of Works	Unit	Quantity	Foreign Cost Component (Yen)		Local Cost Component (China RMB)		Combined Total China RMB
				Rate	Amount	Rate	Amount	
	Bulldozer (55kW)	Hr	1					
	Bulldozer (75kW)	Hr	1					
	Bulldozer (90kW)	Hr	1					
	Bulldozer (105kW)	Hr	1					
	Motor scraper (3 m3)	Hr	1					
	Motor scraper (4 m3)	Hr	1					
	Motor scraper (8 m3)	Hr	1					
	Motor scraper (10 m3)	Hr	1					
	Carry-all scraper (8 m3)	Hr	1					
	Carry-all scraper (10 m3)	Hr	1					
	Carry-all scraper (12 m3)	Hr	1					
	Loader (1 m3)	Hr	1					
	Loader (2 m3)	Hr	1					
	Loader (2.5 m3)	Hr	1					
	Hydraulic excavator (backhoe) 0.6 m3	Hr	1					
	Hydraulic excavator (backhoe) 1.5 m3	Hr	1					
	Hydraulic excavator (backhoe) 2.0 m3	Hr	1					
	Dump truck (8 ton)	Hr	1					
	Dump truck (15 ton)	Hr	1					
	Crawler crane (20 ton)	Hr	1					
	Crawler crane (40 ton)	Hr	1					
	Truck crane (10 ton)	Hr	1					
	Truck crane (20 ton)	Hr	1					
	Truck crane (30 ton)	Hr	1					
	Truck crane (40 ton)	Hr	1					
	Steel wheeled roller (6 ton)	Hr	1					
	Steel wheeled roller (8 ton)	Hr	1					

Shanghai Pudong International Airport Project (Airside Civil Works)

Item No.	Description of Works	Unit	Quantity	Foreign Cost Component (Yen)		Local Cost Component (China RMB)		Combined Total China RMB	
				Rate	Amount	Rate	Amount		
	Steel wheeled roller (12 ton)	Hr	1						
	Steel wheeled roller (15 ton)	Hr	1						
	Tyre roller (12 ton)	Hr	1						
	Vibrating roller (8 ton)	Hr	1						
	Vibrating roller (12ton)	Hr	1						
	Concrete vibrator (50 mm)	Hr	1						
	Concrete mixer (10/4 cft)	Hr	1						
	Bench saw (450 mm)	Hr	1						
	Dumper (1 ton)	Hr	1						
	Compressor including tools (90 cft)	Hr	1						
	Compressor including tools (350 cft)	Hr	1						
	Welding plant including leads etc (300 amp)	Hr	1						
	Lighting tower (4 kva)	Hr	1						
	Traffic lights including generator (set)	Hr	1						
	Concrete saw (600 mm)	Hr	1						
	Barbending machine (30 mm)	Hr	1						
	Mobile hoist (20 m)	Hr	1						
	Mobile scaffolding (10 m)	Hr	1						
	Generator (25 kVA)	Hr	1						
	Generator (150 kVA)	Hr	1						
	Water pump (100 mm)	Hr	1						
	The Contractor shall add here and enter an hourly rate for any other construction plant already on Site and included in his schedule of plant for use on the Contract Works.								

Shanghai Pudong International Airport Project (Airside Civil Works)

Item No.	Description of Works	Unit	Quantity	Foreign Cost Component (Yen)		Local Cost Component (China RMB)		Combined Total China RMB
				Rate	Amount	Rate	Amount	
3	Materials Daywork rates for materials shall include the cost of materials delivered to site at the invoiced value plus 12.5 % to provide for head office charges and profit.							
	Sand for bedding	m ³	1					
	Debris for bedding	m ³	1					
	Crushed stone for bedding	m ³	1					
	Debris for sub-base	m ³	1					
	Crushed stone for sub-base	m ³	1					
	Lime stone for sub-base	m ³	1					
	Cobble stone	m ³	1					
	Fine aggregate for concrete	m ³	1					
	Coarse aggregate for concrete	m ³	1					
	Ordinary portland cement (No.325)	ton	1					
	Ordinary portland cement (No.425)	ton	1					
	Ordinary portland cement (No.525)	ton	1					
	Fly ash	m ³	1					
	Air entraining agent	litre	1					
	Reinforcing steel (deformed)	ton	1					
	Reinforcing steel (round)	ton	1					
	Structural steel frame	ton	1					
	Bituminous asphalt (No. 10)	ton	1					
	Bituminous asphalt (No. 30)	ton	1					

Shanghai Pudong International Airport Project (Airside Civil Works)

Item No.	Description of Works	Unit	Quantity	Foreign Cost Component (Yen)		Local Cost Component (China RMB)		Combined Total China RMB
				Rate	Amount	Rate	Amount	
	Bituminous asphalt (No. 60~100)	ton	1					
	Timber	m ³	1					
	Plywood	m ³	1					
	Joint compound	litre	1					

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

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

**DETAILED DESIGN
OF
SHANGHAI PUDONG INTERNATIONAL
AIRPORT
FINAL REPORT**

**VOLUME III
TENDER DOCUMENT**

**PART V-2
BILL OF QUANTITIES
FOR
AIRFIELD LIGHTING SYSTEM**

SEPTEMBER 1997

**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-2
BILL OF QUANTITIES
FOR
AIRFIELD LIGHTING SYSTEM

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SECTION 1

SCHEDULES OF PRICES



SECTION 1

SCHEDULE OF PRICES FOR AFL FACILITIES

PREAMBLE

1. The Schedules of Prices for the AFL facilities are divided into separate Schedules as follows:

Schedule No. 1	Summary of Tender Prices
Schedule No. 2	Itemized Tender Prices (including Mandatory Spare parts)
Schedule No. 3	Breakdown of Mandatory Tools, Appliances and Measuring Equipment
Schedule No. 4	Breakdown of Mandatory Spare Parts
Schedule No. 5	Recommended Services

Price Schedules for the AFL substations (building works) are attached after the AFL facilities.

2. The schedules do not generally give a full description of the work to be performed under each item and tenderers shall be deemed to have read the General specifications, the Technical Specifications and other Tender Documents and Drawings to ascertain the full scope of work included in each item prior to filling in the rates and prices. The entered rates and prices shall be deemed to include for the full scope aforesaid, including overheads and profit.
3. If Tenderers are unclear or uncertain as to the scope of any item, they shall seek clarification in accordance with Tender Documents prior to submitting their bid.
4. Prices shall be filled in indelible ink and any alternations necessary due to errors etc. shall be initiated by the Tenderer.

As specified in the Instructions to Tenderers, prices quoted by the Tenderer shall be fixed during the Tenderers performance of the Contract and shall not be subject to variation on any account. A Tender submitted with an adjustable price quotation will be treated as non responsive and rejected.

5. Prices shall be in foreign currencies (Japanese Yen) and local currency in Chinese RMB.

Tender Prices shall be quoted in the manner indicated in Instruction to Tenderers of the Tender Documents.

For each item, Tenderers shall complete each appropriate column, giving the Price Breakdown as indicated in the Schedules.

Prices given in the Schedules against each item shall be for the complete work covered by that item as detailed in the General Specifications, Technical Specifications, Drawings or elsewhere in the Tender Documents.

6. Where there are errors between the total of the amount given under the column for the Price Breakdown and the amount given under the Total Price, the former shall prevail and the latter will be corrected accordingly.

Where there is a discrepancy between the unit price and total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected.

Where there is a discrepancy between the total bid amount and the sum of total costs, the total cost shall prevail and the total bid amount will be corrected accordingly.

7. Payments will be made to the Contractor in the currency or currencies indicated under each respective item.

8. Items left blank will be deemed to have been included in other items. The TOTAL for each Schedule or the TOTAL of the Grand Summary shall be deemed to be the total price for executing the Facilities and sections thereof complete in accordance with the Contract, whether or not each individual items has been priced.

9. When requested by the Employer for the purposes of making payments of part payments, valuing variations or evaluating claims, for such their purposes as the Employer may reasonably require, the Contractor shall provide the Employer with a breakdown of any composite or lump sum items included in the Schedules.

SCHEDULES OF PRICES (BILL OF QUANTITY)
SCHEDULE NO. 1: SUMMARY OF TENDER PRICES OF AFL FACILITIES

Item No.	Particulars	Total Price	
		Foreign Currency	Local Currency
		()*	(RMB)
1	Precision Approach Lighting System (PALS)		
2	Sequence Flashing Lights (SFL)		
3	Precision Approach Path Indicator (PAPI)		
4	Runway Edge Lights (PEDL)		
5	Runway Threshold Lights (RTHL) and Wing Bar Lights (WBAR)		
6	Runway End Lights (RENL)		
7	Runway Center Line Lights (RCLL)		
8	Runway Touchdown Zone Lights (RTZL)		
9	Taxiway Center Line Lights (TCLL)		
10	Taxiway Edge Lights (TWYL)		
11	Stop Bar System (STBL)		
12	Runway Guard Lights (RGL)		
13	Taxiway Intersection Lights (TISL)		
14	Taxing Guidance Signs (TXGS)		
15	Wind Direction Indicator Lights(WDIL)		
16	Apron Floodlighting (FLO)		
17	Visual Docking Guidance System (VDGS)		
18	Aircraft Stand Identification Signs (ASIS)		
19	Road-Holding Position Lights		
20	Power Supply, Control and Monitoring System for Airfield Lighting System		
21	AFL Main Duct		
22	Power Distribution System (Main AFL Substation)		
23	Diesel Engine Generator (DEG): Main AFL Substation		
24	Uninterruptible Power Supply System (UPS): Main AFL Substation		
25	Power Distribution System (Secondary AFL Substation)		
26	Diesel Engine Generation (DEG): Secondary AFL Substation		
27	Uninterruptible Power Supply System (UPS): Secondary AFL Substation		
28	Control and Monitoring System for Power Distribution System		
29	Maintenance Room Equipment		
30	Mandatory Tools, Appliances and Measuring Equipment		
31	Mandatory Spare Parts		
32	Training		
	Tender Price Total		
33	Recommended Services		
	Grand Total		

* Specify the currency.

Name of Tender _____
Signature of Tenderer _____

SCHEDULES OF PRICES
SCHEDULE NO.2: ITEMIZED OF TENDER PRICES

Unit :
FC Unit :
LC Unit : CHINA RMB

Item No.	Particulars/Facilities	Unit	Qty	FOB Price		Ocean Freight to Port of Destination		insurance to Port of Destination		CIF Price (1)+(2)+(3)		Local Ex-Factory Price		Local transportation and Insurance to Site		Erection on Site and Insurance		Total	
				FC	LC	FC	LC	FC	LC	FC	LC	FC	LC	FC	LC	FC	LC		FC
6. Runway End Lights (RENL)																			
(1)	RENL surface-type red	pcs	22	(1)		(2)		(3)		(4)		(5)		(6)		(7)		(8)+(9)	(10)+(11)
(2)	Foundation for RENL	set	22																
(3)	Transformer housing box	pcs	22																
(4)	600V AFL secondary cable 20m with plug	set	4																
(5)	600V AFL secondary cable 30m with plug	set	8																
(6)	600V AFL secondary cable 40m with plug	set	8																
(7)	600V AFL secondary cable 50m with plug	set	2																
(8)	Galvanized carbon steel pipe (SGP 80)	lot	1																
(9)	Galvanized carbon steel pipe (SGP 50)	lot	1																
(10)	Flexible stainless pipe (80)	lot	1																
(11)	Flexible stainless pipe (50)	lot	1																
(12)	Auxiliary materials for piping	lot	1																
(13)	Plug and receptacle	lot	1																
(14)	Consumable and miscellaneous materials	lot	1																
(15)	Spare parts	lot	1																
Total of Item 6																			

Legend

FC : Foreign Currency Portion

LC : Local Currency Portion (RMB)

Tenderer

Signature

SCHEDULES OF PRICES
SCHEDULE NO.2: ITEMIZED OF TENDER PRICES

Unit :
FC Unit :
LC Unit : CHINA RMB

Item No.	Particulars/Facilities	Unit	Qty	FOB Price	Ocean Freight to Port of Destination	Insurance to Port of Destination	CIF Price (1)+(2)+(3)	Local Ex-Factory Price		Local transportation and Insurance to Site		Erection on Site		Total
								FC (1)	LC (6)	FC (2)	LC (7)	FC (3)	LC (4)	
9. Taxiway Center Line Lights (TCLL)														
(1)	TCLL narrow green/yellow (with shallow base)	pcs	6											
(2)	TCLL narrow green/green (with shallow base)	pcs	813											
(3)	TCLL wide green/green (with deep base)	pcs	1,093											
(4)	TCLL narrow green/green (with deep base)	pcs	139											
(5)	TCLL wide green/green (with shallow base)	pcs	119											
(6)	HSTCLL narrow green (with shallow base)	pcs	79											
(7)	HSTCLL wide green (with shallow base)	pcs	249											
(8)	HSTCLL narrow yellow (stb~R/with shallow base)	pcs	24											
(9)	HSTCLL narrow green (stb~R/with shallow base)	pcs	24											
(10)	HSTCLL wide yellow (stb~R/with shallow base)	pcs	66											
(11)	HSTCLL wide green (stb~R/with shallow base)	pcs	60											
(12)	Foundation for TCLL (typical)	set	1,912											
(13)	Foundation for TCLL (apron area) with TR housing	set	258											
(14)	Foundation for HSTCLL (typical)	set	502											
(15)	Transformer housing box	pcs	2,414											
(16)	Hand hole 400x400x500	pcs	8											
(17)	5kV AFL primary cable	lot	1											
(18)	Corrugated rigid synthetic resin pipe (FEP 80)	lot	1											
(19)	Corrugated rigid synthetic resin pipe (FEP 50)	lot	1											
(20)	600V AFL secondary cable 30m with plug	set	2,123											
(21)	600V AFL secondary cable 40m with plug	set	142											
(22)	600V AFL secondary cable 50m with plug	set	131											
(23)	600V AFL secondary cable 60m with plug	set	6											
(24)	600V AFL secondary cable 70m with plug	set	12											
(25)	Galvanized carbon steel pipe (SGP 80)	lot	1											
(26)	Galvanized carbon steel pipe (SGP 50)	lot	1											
(27)	Flexible stainless pipe (50)	lot	1											
(28)	Auxiliary materials for piping	lot	1											

Legend

FC : Foreign Currency Portion

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Tenderer

Signature

SCHEDULES OF PRICES
SCHEDULE NO.2: ITEMIZED OF TENDER PRICES

Unit
FC Unit
LC Unit : CHINA RMB

Item No.	Particulars/Facilities	Unit	Qty	FOB Price		Ocean Freight to Port of Destination	Insurance to Port of Destination	CIF Price (1)+(2)+(3)		Local Ex-Factory Price		Local transportation and Insurance to Site		Erection on Site and Insurance		Total
				FC	LC			FC	LC	FC	LC	FC	LC	FC	LC	
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
11.	Stop Bar Lights (STBL)															
(1)	STBL surface-type red	pcs	60													
(2)	STBL elevated-type red	pcs	24													
(3)	STBL surface-type red controllable	pcs	70													
(4)	STBL elevated-type red controllable	pcs	24													
(5)	TCLL narrow green/yellow controllable	pcs	6													
(6)	TCLL narrow green/green controllable	pcs	6													
(7)	TCLL wide green/yellow controllable	pcs	42													
(8)	TCLL wide green/green controllable	pcs	42													
(9)	Foundation for STBL surface-type	set	130													
(10)	Foundation for STBL elevated-type with normal beam	set	48													
(11)	Foundation for TCLL controllable	set	96													
(12)	Transformer housing box	pcs	192													
(13)	Microwave sensor	set	6													
(14)	Foundation for microwave sensor	set	12													
(15)	5kV AFL primary cable	lot	1													
(16)	Corrugated rigid synthetic resin pipe (FEP 80)	lot	1													
(17)	600V AFL secondary cable 10m with plug	set	48													
(18)	600V AFL secondary cable 20m with plug	set	72													
(19)	600V AFL secondary cable 30m with plug	set	94													
(20)	600V AFL secondary cable 40m with plug	set	60													
(21)	Galvanized carbon steel pipe (SGP 50)	lot	1													
(22)	Flexible stainless pipe (50)	lot	1													
(23)	Auxiliary materials for piping	lot	1													
(24)	Cable splice kit (5kV AFL primary cable)	lot	1													
(25)	Plug and receptacle	lot	1													
(26)	Earthing terminal	lot	1													
(27)	Consumable and miscellaneous materials	lot	1													
(28)	Spare parts	lot	1													
	Total of Item 11															

Legend

FC : Foreign Currency Portion

LC : Local Currency Portion (RMB)

Tenderer

Signature

SCHEDULES OF PRICES
SCHEDULE NO.2: ITEMIZED OF TENDER PRICES

Unit : CHINA RMB
FC Unit :
LC Unit :

Item No.	Particulars/Facilities	Unit	Qty	FOB Price		Ocean Freight to Port of Destination		Insurance to Port of Destination		CIF Price (1)+(2)+(3)		Local Ex-Factory Price		Local transportation and Insurance to Site		Erection on Site and Insurance		Total				
				FC	LC	FC	LC	FC	LC	FC	LC	FC	LC	FC	LC	FC	LC		FC	LC		
14. Taxing Guidance Signs (TXGS)																						
(1)	TXGS 2-letter	pcs	6	(1)		(2)		(3)		(4)		(5)		(6)		(7)		(8)	(9)+(8)	(10)	(11)	
(2)	TXGS 3-letter	pcs	21																			
(3)	TXGS 4-letter	pcs	40																			
(4)	TXGS 5-letter	pcs	25																			
(5)	TXGS 6-letter	pcs	21																			
(6)	TXGS 7-letter	pcs	20																			
(7)	TXGS 8-letter	pcs	7																			
(8)	TXGS 9-letter	pcs	16																			
(9)	Foundation for TXGS 2-letter	set	6																			
(10)	Foundation for TXGS 3-letter	set	21																			
(11)	Foundation for TXGS 4-letter	set	40																			
(12)	Foundation for TXGS 5-letter	set	25																			
(13)	Foundation for TXGS 6-letter	set	21																			
(14)	Foundation for TXGS 7-letter	set	20																			
(15)	Foundation for TXGS 8-letter	set	7																			
(16)	Foundation for TXGS 9-letter	set	16																			
(17)	Hand hole 400x400x500	lot	156																			
(18)	5kV AFL primary cable	lot	1																			
(19)	Corrugated rigid synthetic resin pipe (REP 80)	lot	1																			
(20)	Corrugated rigid synthetic resin pipe (REP 50)	lot	1																			
(21)	Auxiliary materials for piping	lot	1																			
(22)	Cable splice kit (5kV AFL primary cable)	lot	1																			
(23)	Plug and receptacle	lot	1																			
(24)	Earthing terminal	lot	1																			
(25)	Consumable and miscellaneous materials	lot	1																			
(26)	Spare parts	lot	1																			
			Total of Item 14																			

Legend

FC : Foreign Currency Portion

LC : Local Currency Portion (RMB)

Tenderer

Signature

SCHEDULES OF PRICES
SCHEDULE NO.2: ITEMIZED OF TENDER PRICES

Unit : CHINA RMB
FC Unit :
LC Unit :

Item No.	Particulars/Facilities	Unit	Qty	FOB Price	Ocean Freight to Port of Destination	Insurance to Port of Destination	CIF Price (1)+(2)+(3)	Local Ex-factory Price		Local transportation and insurance to Site	Erection on Site and Insurance		Total
								FC (RMB)	LC (RMB)		FC (RMB)	LC (RMB)	
16.	Apron Floodlighting (FLO)												
(1)	FLO lighting pole (25m) with lighting fixtures and etc	lot	52										(7)+(8)
(2)	FLO lighting pole (20m) with lighting fixtures and etc	lot	14										(9)+(10)
(3)	FLO control and monitoring system:	lot	1										
	Remote control panel for cargo area												
(4)	FLO control and monitoring system:	lot	1										
	Remote control panel for general control center												
(5)	FLO control and monitoring system:	lot	1										
	Remote control panel for maintenance area												
(6)	Switch box for FLO (outdoor type)	set	66										
(7)	Foundation for control cabinet	set	66										
(8)	Fence for FLO lighting pole	lot	66										
(9)	Man hole for foundation	pcs	66										
(10)	Man hole for boundary point (type-B)	pcs	14										
(11)	600V XLPE/PVC 35mm ² -4C	lot	1										
(12)	600V XLPE/PVC 25mm ² -4C	lot	1										
(13)	600V XLPE/PVC 16mm ² -4C	lot	1										
(14)	600V XLPE/PVC 10mm ² -4C	lot	1										
(15)	600V XLPE/PVC 25mm ² -3C	lot	1										
(16)	600V XLPE/PVC 16mm ² -2C	lot	1										
(17)	600V XLPE/PVC 10mm ² -4C	lot	1										
(18)	600V XLPE/PVC 6mm ² -2C	lot	1										
(19)	600V XLPE/PVC 4mm ² -2C	lot	1										
(20)	600V PVC 2mm ² -30C	lot	1										
(21)	Optical fiber cable	lot	1										
(22)	Corrugated rigid synthetic resin pipe (FER 80)	lot	1										
(23)	Auxiliary materials for piping	lot	1										
(24)	Grounding wire (H-14)	lot	1										
(25)	Cable marker tape	lot	1										
(26)	Earthing terminal	lot	1										

Legend

FC : Foreign Currency Portion

LC : Local Currency Portion (RMB)

Tenderer

Signature

SCHEDULES OF PRICES
SCHEDULE NO.2: ITEMIZED OF TENDER PRICES

Unit :
FC Unit : CHINA RMB
LC Unit : CHINA RMB

Item No.	Particulars/Facilities	Unit	Qty	FOB Price		Ocean Freight to Port of Destination		Insurance to Port of Destination		CIF Price (1)+(2)+(3)		Local Ex-Factory Price		Local transportation and Insurance to Site		Erection on Site and Insurance		Total	
				FC	LC	FC	LC	FC	LC	FC	LC	FC	LC	FC	LC	FC	LC	FC	LC
20. Power Supply, Control and Monitoring System for Airfield Lighting System																			
(1)	Constant current regulator 4kVA	unit	4																
(2)	Constant current regulator 7.5kVA	unit	6																
(3)	Constant current regulator 10kVA	unit	12																
(4)	Constant current regulator 15kVA	unit	35																
(5)	Constant current regulator 20kVA	unit	3																
(6)	Constant current regulator 25kVA	unit	6																
(7)	Constant current regulator 30kVA	unit	20																
(8)	Direction change-over switch	unit	62																
(9)	AFL control and monitoring system:	lot	1																
	AFL remote control panel for ATC (VFR room)																		
	STB remote control panel for ATC (VFR room)																		
	AFL remote control panel for supervisor (VFR room)																		
	STB remote control panel for supervisor (VFR room)																		
	Local control panel (main AFL substation)																		
	Local control console (main AFL substation)																		
	Graphic panel (main AFL substation)																		
	Data processing unit (main AFL substation)																		
	Programmable logical controller (main AFL substation)																		
	Local control panel (secondary AFL substation)																		
	Burnt-out detection or remote unit (1025 units)																		
	Communication interface, software and etc.																		
(10)	AFL direct speech phone	pcs	4																
(11)	600V PVC 2mm ² -30C	lot	1																
(12)	600V PVC 2mm ² -10C	lot	1																
(13)	Optical fiber cable	lot	1																
(14)	Communication cable for direct speech phone	lot	1																
(15)	2-pair communication cable	lot	1																
(16)	Corrugated rigid synthetic resin pipe (FEP 80)	lot	1																

Legend

FC : Foreign Currency Portion

LC : Local Currency Portion (RMB)

Tenderer

Signature

SCHEDULES OF PRICES
SCHEDULE NO.2: ITEMIZED OF TENDER PRICES

Unit : CHINA RMB
FC Unit :
LC Unit :

Item No.	Particulars/Facilities	Unit	Qty	FOB Price		Ocean Freight to Port of Destination		Insurance to Port of Destination		CIF Price (1)+(2)+(3)		Local EX-Factory Price		Local transportation and insurance to Site		Erection on Site and Insurance		Total		
				FC (1)	LC (2)	FC (2)	LC (3)	FC (3)	LC (4)	FC (4)	LC (5)	FC (5)	LC (6)	FC (6)	LC (7)	FC (7)	LC (8)	FC (8)	LC (9)	FC (9)
29. Maintenance Room Equipment																				
(1)	Light cleaning device	lot	1																	
(2)	Dry type cleaning device	lot	1																	
(3)	Hot water type parts cleaning device	lot	1																	
(4)	Simplified air leakage testing device	lot	1																	
(5)	Supersonic wave cleaning device	lot	1																	
(6)	Light distribution intensity measuring device	lot	1																	
(7)	Air compressor	lot	1																	
(8)	Light cleaning car	lot	1																	
(9)	Light measurement system	lot	1																	
(10)	Spare parts	lot	1																	
Total of Item 29																				

Legend

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Tenderer _____

Signature _____

**SCHEDULES OF PRICES
SCHEDULE NO.2: ITEMIZED OF TENDER PRICES**

Unit :
FC Unit :
LC Unit : CHINA RMB

Item No.	Particulars/Facilities	Unit	Qty	FOB Price		Ocean Freight to Port of Destination		Insurance to Port of Destination		CIF Price (1)+(2)+(3)		Local Ex-Factory Price		Local transportation and Insurance to Site		Total			
				FC	LC	FC	LC	FC	LC	FC	LC	FC	LC	FC	LC	FC	LC	FC	LC
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
30.	Mandatory Tools, Appliances and Measuring Equipment: Detail shall be described and breakdowned in the Schedule No. 3.	lot	1																
	Total of Item 30																		
31.	Mandatory Spare Parts: Summing up of Item No. 1 to No. 28 and breakdowned in the Schedule No. 4.	lot	1																
	Total of Item 31																		
32.	Training																		
(1)	Factory Training	lot	1																
(2)	On-the-Job Training (OJT) at Site	lot	1																
	Total of Item 32																		
33.	Recommended Services: Details shall be described and breakdowned in the Schedules No.5.	lot	1																
	Total of Item 33																		
	Total of Item 30, 31, 32 and 33																		

Legend

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Tenderer

Signature

