



ROYAL SHUNE LEI CO., Ltd.

Building (37) , Room(6), Bahosi Housing, Lanmadaw Township, Yangon, Myanmar.
Mobile : (951) 2301613, (951) 228153
Fax : (951) 229170
E-mail : royalshunelei@gmail.com

စာအမှတ် Proposal - 001/(2018-2019) (RSL)



ရက်စွဲ ၂၃ - ၉ - ၂၀၁၉

သို့

ဗိုလ်ချုပ်ကြီး မောင်မောင်ကျော်
ကာကွယ်ရေးဦးစီးချုပ် (လေ)
ကာကွယ်ရေးဦးစီးချုပ်ရုံး (လေ)
နေပြည်တော်

အကြောင်းအရာ။ Ilyushin IL-76 TD (Parachute and Cargo Type) (1) Unit အား Proposal
ဈေးနှုန်း ပေးပို့တင်ပြခြင်း

၁။ အထက်အကြောင်းအရာပါကိစ္စနှင့် ပတ်သက်၍ ကျွန်တော်များ Royal Shune Lei Co., Ltd နှင့်
မိတ်ဖက်ကုမ္ပဏီဖြစ်သော VIP Global Logistics, Serbia မှ တပ်မတော်အတွက် စစ်သည်များ လေထီးခုန်နှင့်
ပစ္စည်းတင်ပို့ရာတွင် အသုံးပြုသည့် IL-76 TD (Parachute and Cargo type) (1) Unit အား Proposal ဈေးနှုန်း
ပေးပို့လာပါသည်။

၂။ ယင်း Ilyushin IL-76 TD (Parachute and Cargo type) (1) Unit အမျိုးအစားသည် ၁၉၉၂ ခုနှစ်တွင်
ထုတ်လုပ်ထားသော လေယာဉ်ဖြစ်ပါသည်။ ခရီးသည် (၁၂၆) ယောက် နှင့် ကုန်အလေးချိန် (၅၀) တန် ရှိပြီး
C-130K MK III ကုန်အလေးချိန် (၁၇.၄) တန်ထက် ပိုမိုတင်ဆောင်နိုင်ပြီး Air Transport နှင့် စစ်သည်များ
လေထီးခုန်ရန် (Parachute Type) အတွက် သင့်တော်သော လေယာဉ်အမျိုးအစားဖြစ်ပါသည်။
ပြေးလမ်းအတွက်လည်း နေရာမရွေး/ နေ့ညမရွေး အသုံးပြုနိုင်/ အတက်အဆင်းလုပ်နိုင်ပါသည်။

၃။ သို့ဖြစ်ပါ၍ ကျွန်တော်များ Royal Shune Lei Co., Ltd မှ ရရှိထားသည့် VIP Global Logistics, Serbia
၏ Commercial Offer အား လိုအပ်သည်များ လမ်းညွှန်မှုပြုနိုင်ပါရန် ရိုသေလေးစားစွာဖြင့် လျှောက်ထား
တင်ပြအပ်ပါသည်။

ရိုသေလေးစားစွာဖြင့်

Thein Htike
Managing Director
Royal Shune Lei Co., Ltd



Tolstojeva 51
Belgrade, Serbia

VIP Global Logistics d.o.o.
Br. 111
20.11.2019 god.
BEOGRAD

Comparison between Ilyushin IL-76TD and C-130K MK III

SN	Desprition	IL-76TD	C-130K MKIII
1	Dimensional characteristics		
	Length	46.6 m	35 m
	Wing span	50.5 m	40.4 m
	Wing area	300 sqm	162 sqm
2	Power plant parameters		
	Number x engine type	4 x turbojet engine	4 x constant speed turboprop
	Engine	D-30 KP series 2	Allison T-56-A-15 Air starter
3	Weight parameters		
	Max. take-off weight	190 Tons	72.5 Tons
	Max. payload	50 Tons	17.4 Tons
4	Aircraft performance		
	Cruising speed	750-780 kmh	541 kmh
	Flight altitude empty	9100-12100 m	10000 m
	Flight altitude with 40 tons	4900 m (40 Tons)	7000 m (20 Tons)
	Take-off distance	1700 m	1064 m
	Landing distance	930 m	1433 m
	Total Paratroopers	126	90
5	For Parachuting		
	How many paratroopers can take	(126) Peoples	(92) Peoples
	How many paratroopers can jump at a time	(4) Peoples	(5) Peoples
	What is the minimum height	600 m with a parachute D-5 and D-6	
	The minimum speed for parachuting	220 km / h, recommended 300-420 km / h (no more)	
	The minimum landing speed	0.8-1.2 seconds / paratrooper	
6	For Cargo		
	Maximum payload weight	50 Tons	19 Tons
	Minimum landing mileage	930-1000 m	1433 m
	The minimum take-off run	1500-2000 m	1064 m



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Belgrade, Serbia

Comparison between Ilyushin IL-76TD and Tupolev Tu-204

SN	Desprition	IL-76TD	Tu-204
1	Dimensional characteristics		
	Length	46.6 m	46.1 m
	Wing span	50.5 m	41.8 m
	Wing area	300 sqm	184 sqm
2	Power plant parameters		
	Number x engine type	4 x turbojet engine	2 x Turbofan engine
	Engine	D-30 KP series 2	PS - 90 A/A2
3	Weight parameters		
	Max. take-off weight	190 Tons	101 - 107 Tons
	Max. payload	50 Tons	17.7 - 24.6 Tons
4	Aircraft performance		
	Cruising speed	750-780 kmh	810 - 850 kmh
	Flight altitude empty	9100-12100 m	12100 m
	Flight altitude with 40 tons	4900 m (40 Tons)	
	Take-off distance	1700 m	1780 - 2030 m
	Landing distance	930 m	
	Total Paratroopers	126	
5	For Cargo		
	Maximum payload weight	50 Tons	17.7 - 24.6 Tons
	Minimum landing mileage	930-1000 m	
	The minimum take-off run	1500-2000 m	



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IL-76 TD (Parachute type and Cargo type) (1) Unit

SN	Description	A/U	Qty	Unit Price (Euro)	Remark
1	IL-76 TD (Parachute type and Cargo type) (1992) Pilot Training (1) person Engineer Training (1) person	Unit	1	8,375,000.00	
2	CIF Air Cost	Unit	1	240,000.00	



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Belgrade, Serbia

VIP Global Logistics d.o.o.
Br. 105-1
08.08 2019 god.
BEOGRAD

OFFER FOR PROVISION OF GOODS AND SERVICES

To: Mr Thein Htike

Attn: Managing Director

Royal Shune Lei Co., Ltd

Myanmar

SUBJECT : IL 76 Aircraft

DATE : 8th of August 2019

Dear Sir,

We would like to inform you that we are in position to offer supply of one aircraft , type IL-76, under the following terms and conditions:

1. **Aircraft** IL-76 TD, Date of Production 19.11.1992. Tech Spec as per attached Annex-2
2. **Price** : EUR 8,375,000.00 (EUR Eight million Three Hundred Seventy Five Thousand Only)
3. **Offer Validity** : 30 days
4. **Delivery Term** : Ex-works Russian Federation within 75 days from the day of signing of the Agreement and payment of advanced payment. The Seller is willing and able to offer, at additional cost, delivery by air or sea, subject of agreement of commercial terms.
5. **Export License for Myanmar** : The aircraft is considered civilian production, EUC necessity TBC.
6. **Payment Term**: 50% upon Signing of the contract, remaining 50% after successful pre-delivery inspection and testing.



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7. **Spare Parts, Maintenance, and Warranties:** Seller is able and willing to provide aircraft in flying operational condition as per Annex 2 technical data. Further, in case of purchase, the Seller will take obligation to, under most competitive commercial terms, ensure signing of the maintenance support contract between the buyer and authorized maintenance and overhaul center in UAE. The authorized maintenance and overhaul center will offer service of supplying ground equipment and staff for maintenance in Myanmar, guaranteed supply of all spare parts to Myanmar as required during period of maintenance support contract, and for larger repairs provide maintenance at the location in the UAE. All quotes and negotiations related to maintenance support contract are subject to signing of the purchase agreement.
8. **Training:** Seller is capable of offering training for the IL76 flying and technical crews under terms TBC.
9. **Inspection Visit:** Subject to formal agreement of commercial terms and Proof of Funds (in case EUC required, subject to EUC only).
10. **Transport to Myanmar:** The cost of transport to Myanmar is USD 240,000.00 with flying crew supplied by the Buyer.

Il-76TD aircraft is the evolution of the transport modification of the Il-76T aircraft.

The transportation efficiency of the aircraft has been improved, in comparison with Il-76T, by way of increasing maximum takeoff weight from 170 to 190 tons, maximum commercial load from 43.4 to 50 tons, and practical flying range with increased maximum load.

Due to increased maximum takeoff weight and commercial load, and in order to improve operating life figures, the structures in the wing, fuselage and landing gear have been reinforced. The aircraft is equipped with D-30KP series 2 engines ensuring maintenance of maximum takeoff thrust at higher temperatures of ambient air.

Il-76TD ensures transportation of a wide variety of cargoes in all kinds of conditions. Technical capabilities of the aircraft allow its operation in extreme conditions of the Antarctic, where it has been used successfully as the main transportation aircraft for many years already.



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Belgrade, Serbia

General Characteristics of the Aircraft IL 76 TD

Dimensional characteristics	
Length, m	46,6
Wingspan, m	50,5
Wing area, sq. m.	300
Fuselage diameter, m	4,8
Power plant parameters	
Number x engine type	4 x turbojet engine
Engine	D-30KP series 2
Top thrust (SI system, H=0), kgf	12 000
Weight parameters	
Maximum takeoff weight, tons	190
Maximum payload, tons	50
Fuel tank capacity, l	109 500
Aircraft performance	
Cruising speed, km/h	750–780
Flight altitude, m	9 100–12 100
Flight range with payload of 40 tons, km	4 900
Takeoff distance, m	1 700
Landing distance, m	930
Freight compartment parameters (upper deck)	
Length x Width x Height, m	24,54x3,45x3,4
Volume, cubic meters	321
Specified life	
Calendar operating life, years	40
Number of flights	10 000
Number of flight hours, hr.	35 000

For any additional information please do not hesitate to contact us.

Yours Sincerely,

Predrag Nikolic

Director



AIRCRAFT GENERAL DATA

Aircraft Model: - IL-76TD

Date as: 16.07. 2018

			Accumulated Life	Life limit	Remaining
A I R C R A F T	Serial Number: 102341**** (****)	TCN (FH)	14700/22000	13324	1376/8676 FH
	Manufacture Date: 19.11.1992	TCO (FH)	---	-	---
	The number of repairs: N/A	TCN (FC)	4500/7000	3713	787/3287 FC
	Repair Date: N/A	TCO (FC)	---	-	---
	Period of service:	DATE	25.08.2016/ 25.08.2027		0,7 Y/11 Y
E N G I N E # 1	Engine Model: D-30KP-II				
	Serial Number: 03053049202050	TCN (FH)	12000	8109	3891 FH
	Manufacture Date: 15.12.92.	TCO (FH)	4000/2000	446	1554/3554 FH
	The number of repairs: 2	TCN (FC)	6160	2101	4059 FC
	Repair Date: 10.10.08.	TCO (FC)	1540	108	1432 FC
	Period of service:	DATE	10.10.23		--- days/7 years
E N G I N E # 2	Engine Model: D-30KP-II				
	Serial Number: 03053018502100	TCN (FH)	9000	7781	1219 FH
	Manufacture Date: 09.04.85.	TCO (FH)	3000/2666	2302	364/698 FH
	The number of repairs: 2	TCN (FC)	4620	2505	2115 FC
	Repair Date: 04.10.04.	TCO (FC)	1540	709	831 FC
	Period of service:	DATE	04.10.19		--- days/3 years
E N G I N E # 3	Engine Model: D-30KP-II				
	Serial Number: 03053038602075	TCN (FH)	12000	7250	4750 FH
	Manufacture Date: 30.09.86.	TCO (FH)	4000/2000	344	1656/3656 FH
	Кол-во рем 2/2	TCN (FC)	6160	2338	3822 FC
	Repair Date: 26.05.09	TCO (FC)	1540	75	1465 FC
	Period of service:	DATE	26.05.24		- days/8 years
E N G I N E # 4	Engine Model: D-30KP-II				
	Serial Number: 03053049202085	TCN (FH)	9000	7269	1731 FH
	Manufacture Date: 27.01.93.	TCO (FH)	3000/2000	1609	391/1301 FH
	The number of repairs: 1/2	TCN (FC)	4620	2009	2611 FC
	Repair Date: 20.02.02	TCO (FC)	1540	505	1035 FC
	Period of service:	DATE	20.02.17		--- days/1 year
A P U	TA-6A				
	Serial Number: 0436A304	TCN (FH)	4800	3471	1329 FH
	Manufacture Date: 02.11.80.	TCO (FH)	1600	351	1249 FH
	The number of repairs: 4	TCN (FC)	8000	6390	1610 FC
	Repair Date: 28.06.03.	TCO (FC)	2335	1225	1110 FC
	Period of service:	DATE	28.06.16.		20 days/8 years

Notes:

- Record -days/4 years means that period of service is expired but engine (aircraft) lifetime will be extended for 1 year (2 years) till indicated date of service period after execution of resource extension works.
- All engines D-30KP-II serviced by NPO Saturn.

EQUIPMENT.

- TCAS: - CAS-67A ver. 7.0, rate EHS.
- GLONASS/GPS CH-4312.
- GPS (BRNAV): KLN-90B.
- EGPWS: TTA-12S.
- RVSM: ББЭ-2А.
- ELT: APM-406AC1, APM-406П.
- Oxygen system БКО-5 with KM-114.

ILYUSHIN AVIATION COMPLEX



