

Pakistan International Airlines

Contract Management Division SCM Department Tel: +92-21-9904-5277

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Website: www.piac.com.pk

Tender Ref: GMCM/ENGG/SURPLUS/INV/01/2024

Dated: 29-02-2024
Tender Fee (Non-refundable):
PKR 15,000 (For local Bidders)
USD 500 (For foreign Bidders)

INVITATION TO TENDERS

(Instructions to Bidders Must Read Carefully)

M/s.	

Subject: Sale of surplus inventory

PIACL is pleased to invite the sealed tenders for sale of surplus inventory listed in the attached Annex A on 'As is Where is' basis. Bidders must submit their offers as mentioned on Annex A. The offers must be made on the prescribed form (Annex B).

Bidding Tender TORs can also be accessed on following link: www.piac.com.pk/corporate/sales-procurement/tenders

Prospective bidders may contact at dce.ebd@piac.aero, for additional information if required.

Terms & conditions of the tender are:

A) PREPARATION OF BIDS

Bids will be prepared on "Single Stage - Single Envelope" basis. All bidders must submit one sealed envelope on or before specified tender opening date/time with following documents:

- The Tender TORs, signed and stamped on all pages
- Tender Schedule (Annex A) duly filled, signed and stamped on every page.
- Banker's Cheque of PKR15,000/- (Non Refundable) for local bidders or swift details of USD 500 (Non Refundable) for Foreign Bidders as Tender Fee.
- Banker's Cheque (from any scheduled bank of Pakistan) of 5% of bid value as Earnest Money (Refundable/Interest Free) from Local bidders (**Foreign Bidders exempted**).

As an alternative, **password protected bidding document** may also be submitted through email along with proof of tender fee and/or Earnest Money deposit in PIA's account at Following email address.

dgmpm@piac.aero

Password shall be communicated after bid closing time i.e. 1030 Hrs (Pakistan Standard Time) /1530 Hrs GMT on Bid closing date, i.e. **01-04-2024**

The bid will not be considered if complete information required is not given therein.

Authorized signatures of individual signing the bid and other documents connected with the contract must specify whether signing as:

- Sole Proprietor or his attorney.
- A registered active partner of the firm or his attorney.



- For the firm per procreation.
- As secretary, Manager, Partner, etc., or their attorney in case of firms registered under Partnership Act.
- The Bidders must indicate whether their firm / company / organization etc is registered with PIA or not. If registered then specify PIA Registration number.

Sign & Seal of Bidder

B) RATES AND PRICES

- The Prices quoted must be net as per accounting unit as shown in the Tender Schedule (Exhibit B) exclusive of all duties / taxes and Government levies as applicable at the time of bidding.
- The Prices mentioned in the bid will be treated as firm till the completion of Contract.
- The Prices must be stated both **in words and figures** in PKR or USD. Additional information, if any, must be linked with entries on the Tender Schedule (Annex A).
- Foreign Bidders must bid in USD only. Local Bidders may bid in PKR as well. However one Bidder must bid in one currency only.
- Offers must be valid for 90 days. However the Bidder(s) may be requested to extend the validity of bids, in case of excusable delay.
- Rates must be written on PIA prescribed form attached as Tender Schedule, Exhibit B, otherwise Bids will not be entertained.
- Addition, deletion, correction, use of white fluid or over writing strictly not allowed otherwise tender may be out rightly rejected.

C) SUBMISSION OF TENDER

- You are required to send your sealed bids on "Single Stage Single Envelope Basis" clearly mentioning "Sale of surplus inventory" and addressed to GM Contract Management, Supply Chain Management (Store) Building, PIAC Head Office, JIAP Karachi-75200 by 01-04-2024. The bids may also be dropped in the tender box marked as "Tender Box Disposal Section" placed at the entrance of the PIA Supply Chain Management (Store) Building at mentioned address, or sent through courier, latest by 10:30 hours on the specified date. (Alternative, as mentioned in A above, may also be used when sending bids through email)
- Bid should be sealed with Scotch Tape, Bidder's signature and stamp affixed.
- Incomplete, tempered bids will not be considered.
- Bids received after stipulated date & time shall not be considered. The Corporation will not
 be responsible for any postal delays. The decision of PIACL in this respect shall be final
 and binding.
- The Bids should be accompanied by a 5% (five percent) of the total bid value having been deposited in terms of a Banker's Cheque [from any scheduled bank of Pakistan] payable at Karachi in lieu thereof in the name of M/s PAKISTAN INTERNATIONAL AIRLINES as interest free Earnest Money (Refundable). Earnest Money in any other shape shall not be accepted. Earnest Money deposited shall not be transferable as earnest money for any other tender. Bids without Earnest Money shall not be considered. The Earnest Money is not required from Foreign Bidders.



- Bids will be opened at **14:00 hours** the same day **(01-04-2024)** at Supply Chain Management (Store) Building. The Bidder(s) or their duly nominated representative(s) may witness the process, if desired so.
- Successful Bidder(s) shall have to execute the Purchase Agreement at the time of 25% Deposit.

Sign & Seal of Bidder

D) BIDS EVALUATION

- Bids will be evaluated on offered prices.
- If bids are received in both currencies, i.e. PKR and USD, rates will be converted into PKR, at the rate specified by PIA Finance on the date of bid opening, for bid evaluation purpose.

E) ACCEPTANCE OF TENDER

- Successful Bidder(s) will be notified about the same, through email (Notification). They shall have to remit 25% (twenty five percent) Deposit of the bid value within ten (10) business days of Notification, failing which PIACL may cancel/reject their offer(s).
- Remaining 75% amount is to be deposited within thirty (30) business days of Notification, failing which PIACL may cancel/reject their offer(s) and forfeit the 25% Deposit
- If the successful bidder(s) backs out of the bid at any stage, the deposited amount will not be refunded

PIA's Right to accept any Proposal and to reject any or All Proposals

- PIACL reserves the right (without limitation to any other right whatsoever) to accept or
 reject any offer, or to annul the bidding process and reject all offers at any time prior to
 contract award without incurring any liability to the affected Bidder(s). PIACL shall
 communicate the grounds for its rejection of all bids, if requested; but is not required to
 justify those grounds.
- PIACL also reserves the right (without limitation to any other right whatsoever) to award the consolidated contract in its entirety to a single Bidder or to award it in parts to more than one Bidder without incurring any liability to the affected Bidder(s).
- Extend the date of opening (if deemed necessary).

F) INSPECTION

- All available documents related with the tendered inventory will be uploaded on the link.
 After closing date of the tender, PIACL will not be bound to provide any documents additional to already uploaded
- Physical Inspection, if desired, can be done on or before **29-03-2024**. Only those bidders shall be allowed to inspect the items who have deposited the tender fee to PIA.
- For inspection, the bidders should contact for further guidance on/before 22-03-2024.

G) Bank Details

<u>USD Account</u> <u>PKR Account</u>

Bank: Citibank NA, 111 Wall Street, NY 10043, USA. Beneficiary: Pakistan International Airlines

Account No: 38136982 Swift Code: CITIUS33. ABA#: 021000089



Encl:

- List of Inventory Annex A
 Tender Form/Schedule Annex B
- 3. Purchase agreement Annex C

Sign & Seal of Bidder

Annex A: List of Inventory

CFM56 Life Limited Parts List				
S/N	NOMENCLATURE	PART NUMBER	SERIAL NUMBER	
1	FAN Shaft	335-006-414-0	J154329	
2	HPTR FWD Rot. Air Seal	1282M72P05	GWNSC218	
3	HPT FWD Rot. Air Seal	1282M72P05	GWNSC057	
4	HPTR FWD Shaft	1385M90P04	TMTKW543	
5	HPTR FWD ROT. AIR SEAL	1282M72P05	GWN0920C	
6	LPT Disk Stg 1	301-331-125-0	J211934	
7	LPT Disk Stg 2	301-331-227-0	BB647620	
8	LPT Disk Stg 2	301-331-227-0	BB685919	
9	LPT Stub Shaft	301-330-624-0	R017971	
10	HPC disk stg 3	1590M59P01	GWN004KD	
11	LPT Conical support	305-056-116-0	DA480822	
12	LPT Conical support	305-056-116-0	BB480162	
13	LPT disk stg 4	301-331-429-0	DB688579	
14	Stub shaft	301-330-624-0	J149695	
15	HPTR Rear shaft	9514M71P06	TMTDK242	
16	HPC 4-9 SPOOL	1588M89G03	GWN09413	
17	HPC 4-9 SPOOL	1588M89G03	GWN03A2J	
18	**HPT FWD ROT. AIR SEAL	1282M72P03	GWNKC347	
19	Booster Spool	335-009-306-0	R023490	
20	CDP Rot. Air Seal	1319M25PO2	GFFN3663	
21	FAN Disk	335-014-511-0	J175996	
22	HPT FWD Rot. Air Seal	1282M72P05	XAEJ5530	
23	HPT FWD Rot. Air Seal	1282M72P05	GWNGG325	
24	HPT FWD ROT. AIR SEAL	1282M72P05	GWNGJ556	
25	HPT FWD Shaft	1385M90P01	GWNY3230	
26	HPT FWD Shaft	1385M90P04	GWNGK514	
27	HPT FWD shaft	1385M90P04	GWNGN729	
28	HPT Rear Shaft	1864M91P02	TMTTH395	
29	HPT Rear Shaft	9514M71P07	TMTMS527	
30	HPT Rear Shaft	9514M71P04	GWNKC599	
31	HPT Rear Shaft	9514M71P07	DED23836	
32	HPT Rear Shaft	9514M71P04	DED22990	
33	LPT Conical support	305-056-116-0	J184470	



34	LPT Conical support	305-056-116-0	DA352697-J
35	LPT Conical support	305-056-116-0	DA481512-T
36	LPT Conical Support	305-056-116-0	J174896
37	LPT Conical Support	305-056-116-0	BA603315-G
38	LPT Conical support	305-056-116-0	DC055651-R
39	LPT Conical support	305-056-116-0	J188366
40	LPT Disk Stg 1	301-331-126-0	BA349771
41	LPT Disk Stg 1	301-331-126-0	BA338432
42	LPT Disk Stg 1	301-331-125-0	J183742
43	LPT Disk Stg 1	301-331-125-0	BA333176
44	LPT Disk Stg 1	301-331-125-0	J219030
45	LPT Disk Stg 2	301-331-227-0	BB132388
46	LPT Disk Stg 2	301-331-227-0	BB150473
47	LPT Disk Stg 2	301-331-227-0	J171595
48	LPT Disk Stg 2	301-331-227-0	BC063600
49	LPT Disk Stg 2	301-331-227-0	BB150474
50	LPT Disk Stg 2	301-331-227-0	BA588532
51	LPT Disk Stg 2	301-331-227-0	BB345191
52	LPT Disk Stg 3	301-331-322-0	BA662109
53	LPT Disk Stg 3	301-331-322-0	BA569401
54	LPT Disk Stg 3	301-331-322-0	BA682252
55	LPT Disk Stg 3	301-331-322-0	BA800298
56	LPT Disk Stg 3	301-331-322-0	J211960
57	LPT Disk Stg 3	301-331-322-0	BB877050
58	LPT Disk Stg 3	301-331-322-0	J175002
59	LPT Disk Stg 4	301-331-427-0	DA481542
60	LPT Disk Stg 4	301-331-429-0	BA975654
61	LPT Disk Stg 4	301-331-427-0	RO33355
62	LPT Disk Stg 4	301-331-427-0	J223641
63	LPT Disk Stg 4	301-331-427-0	DA702837
64	LPT Disk Stg 4	301-331-427-0	J170657
65	LPT Disk Stg 4	301-331-427-0	DA481563
66	LPT Shaft	301-330-067-0	FO16828
67	LPT Shaft	301-330-067-0	LAO96603
68	LPT Shaft	301-330-067-0	LAO86856
69	LPT Shaft	301-330-068	LAO96605-2
70	LPT Stub Shaft	301-330-626-0	RO31715
71	CDP Rot. Air Seal	1319M25PO2	GFF5DR9T
72	HPC Stg.3 Disk	1590M59P01	XAEH5257
73	HPC. 1-2 Spool	1589M66G02	GWN0FAL8
74	HPC 4-9 Spool	1590M29G01	GWNYF210
75	HPT Rear Shaft	9514M71P07	TMTRY251
76	HPT Rear Shaft	9514M71P07	TMTMS550
77	HPC FRONT SHAFT	1275M37P02	GWNGS162
78	HPC STG 3 DISK	1590M59P01	GWN01DW9
79	HPC 1-2 SPOOL	1589M66G02	GWNBP641



80	HPC 4-9 SPOOL	1590M29G01	GWNWS044
81	CDP ROT. AIR SEAL	1319M25P02	GFFR8DHW

CF6-80 TOOLS

S.NO	TOOL PART NO	NOMENCLATURER	QTY
1	2C14178G01	Adapter Set , Pedestal-CRF-Aft	01 SET
2	2C6164P03	Tool Set, Jack Screws	4
3	2C6164P04	Tool Set, Jack Screws	4
4	2C6164P05	Tool Set, Jack Screws	2
5	2C14655G02	Wrench Set – Torx, LPT Stationary Air seal	1
6	2C14731G02	Brackets Set Support, AFT FMU	1 SET
7	2C14165P02	Wrench Set – Low Pressure Turbine Rotor Disks	1
8	2C6621G01	Fixture, Gaging - Forward Fan Shaft / Fan Midshaft	1
9	2C6363G01	Adapters, Pedestal - Fan Midshaft	1 SET
10	2C6075G03	Protector, Fan Disk Bore - Stage 1	4
11	2C14756G01	Pressure Test Kit	1
12	2C8073G04	Fixture, Preload - Stage 1 Fan Blade Spacer	1
13	2C6958G01	Kit, Split Engine -Alignment	1
14	2C14738G01	ADAPTER SET, INSTALL/REMOVE -STAGE 1 FAN DISK NUTS	1
15	2C6645G01/G02	Puller, Vane Arm and Vane Spacer	3
16	2C6649G02	Tool, Nut Starting - Compressor Rotor Stage 3-9	1
17	2C6259G05	Fixture set, secure variable stator arm STG 3-6	1 SET
18	2C6894G02	Tool, Removal - Fan Spinner	1
19	2C14107G01	AGB Drive Shaft, Removal/Inst Tool	1
20	MSE-24 Or MSE-24E	Torque Multiplier	2
21	MSE-25	Torque Multiplier, 3,000 LB FT (4067 N.m)	1
22	MSE-41	Hydraulic Pump, Hand Operated	2
23	MSE-53	Lift Sling	1
24	MSE-57	Torque Multiplier	1
25	2C6815G01	Puller, Inner Race - No. 3 Bearing	1
26	2C14669G02	Puller, 4R BRG Inner Race/Seal and 4B Fwd Inner Race	1
27	2C14689G01	Adapter, Lift Combustor	1
28	2C14224P06	ADAPTER SET , PEDESTAL LPT MODULE , FWD	01 SET
29	2C6805G01	Wrench, Spanner Nut - No. 3 Bearing	1
30	2C14679P01	Sleeve, Retaining - 4B Bearing Stack-up	1
31	2C14924G01	Arbor, Balance, Fan Rotor	1
32	2C14703G01	Adaptor, Lift - STG 2 HPT Nozzle	1
33	2C14915G01	Shroud, Balance Compressor Rotor	1
34	2C14686G02	Adapter, Lift - Low Pressure Compressor	1
35	2C14902G01	Stand, Balance - Buildup, LPT Module	1
36	2C14772G01	Fixture, Clamping, LPT STG 1 Shroud	1
37	2C14156G02	Grinding Fixture, HPC Stator Vane tip grinding	1



382C14181G03Grinding Fixture, HPT Shroud grinding1392C14246G01Gauge inspection, Inter-stage seals, HPT1402C15026G02Inspection gauge., Rub coat .Spool shaft1412C15031G02Fix. Nut replacement, HPC,HPT disks,1422C6510G01Snubber Set, HPC Rotor Grinding1432C6529G05- G08Snubber Set, HPC Stator Grinding1442C6540G02Inspection gauge, 3-9 Spool rub coat1452C7140G03Adapter Set, HPC Rotor Blade tip Grinding1462C7372P44Machining Fixture, Fan stator case machining adapter plate1472C7411G03Machining fixture, Thermal shield1482C15004G03Inspection Fixture, Combustion Dome1492C15006G03Sizing Tool, Combustion Dome1502C15007G01Heat Treatment Fixture, Combustor Outer Liner1512C15008G01Heat Treatment Fixture, Combustor Inner/Outer Liner1522C15010G04Assembly/Inspection Fixture, Combustor Inner/Outer Liner1532C15610G01Re Sizing Fixture, Combustor Inner Liner1552C15611G01Re Sizing Fixture, Combustor Outer Liner1562C15623G01FIXTURE HEAT TREATMENT LINER, Combustor Inner Liner1572C7344G06/G08Hydraulic Expander Fixture, Combustion Dome1		1		
402C15026G02Inspection gauge., Rub coat .Spool shaft1412C15031G02Fix. Nut replacement, HPC,HPT disks,1422C6510G01Snubber Set, HPC Rotor Grinding1432C6529G05- G08Snubber Set, HPC Stator Grinding1442C6540G02Inspection gauge, 3-9 Spool rub coat1452C7140G03Adapter Set, HPC Rotor Blade tip Grinding1462C7372P44Machining Fixture, Fan stator case machining adapter plate1472C7411G03Machining fixture, Thermal shield1482C15004G03Inspection Fixture, Combustion Dome1492C15006G03Sizing Tool, Combustion Dome1502C15007G01Heat Treatment Fixture, Combustor Outer Liner1512C15008G01Heat Treatment Fixture, Combustor Unner/Outer Liner1522C15010G04Assembly/Inspection Fixture, Combustor Inner/Outer Liner1532C15051G02Axial Position Pressure Fixture, Combustion Dome1542C15611G01Re Sizing Fixture, Combustor Inner Liner1552C15623G01FIXTURE HEAT TREATMENT LINER, Combustor Inner Liner1	38	2C14181G03	Grinding Fixture, HPT Shroud grinding	1
412C15031G02Fix. Nut replacement, HPC,HPT disks,1422C6510GO1Snubber Set, HPC Rotor Grinding1432C6529G05- G08Snubber Set, HPC Stator Grinding1442C6540G02Inspection gauge, 3-9 Spool rub coat1452C7140G03Adapter Set, HPC Rotor Blade tip Grinding1462C7372P44Machining Fixture, Fan stator case machining adapter plate1472C7411G03Machining fixture, Thermal shield1482C15004G03Inspection Fixture, Combustion Dome1492C15006G03Sizing Tool, Combustion Dome1502C15007G01Heat Treatment Fixture, Combustion Dome1512C15008G01Heat Treatment Fixture, Combustor Outer Liner1522C15010G04Assembly/Inspection Fixture, Combustor Inner/Outer Liner1532C1501G02Axial Position Pressure Fixture, Combustion Dome1542C15610G01Re Sizing Fixture, Combustor Inner Liner1552C15611G01Re Sizing Fixture, Combustor Outer Liner1562C15623G01FIXTURE HEAT TREATMENT LINER, Combustor Inner Liner1	39	2C14246G01	Gauge inspection, Inter-stage seals, HPT	1
422C6510GO1Snubber Set, HPC Rotor Grinding1432C6529G05- G08Snubber Set, HPC Stator Grinding1442C6540G02Inspection gauge, 3-9 Spool rub coat1452C7140G03Adapter Set, HPC Rotor Blade tip Grinding1462C7372P44Machining Fixture, Fan stator case machining adapter plate1472C7411G03Machining fixture, Thermal shield1482C15004G03Inspection Fixture, Combustion Dome1492C15006G03Sizing Tool, Combustion Dome1502C15007G01Heat Treatment Fixture, Combustion Dome1512C15008G01Heat Treatment Fixture, Combustor Outer Liner1522C15010G04Assembly/Inspection Fixture, Combustor Inner/Outer Liner1532C15051G02Axial Position Pressure Fixture, Combustion Dome1542C15610G01Re Sizing Fixture, Combustor Inner Liner1552C15623G01FIXTURE HEAT TREATMENT LINER, Combustor Inner Liner1	40	2C15026G02	Inspection gauge., Rub coat .Spool shaft	1
432C6529G05- G08Snubber Set, HPC Stator Grinding1442C6540G02Inspection gauge, 3-9 Spool rub coat1452C7140G03Adapter Set, HPC Rotor Blade tip Grinding1462C7372P44Machining Fixture, Fan stator case machining adapter plate1472C7411G03Machining fixture, Thermal shield1482C15004G03Inspection Fixture, Combustion Dome1492C15006G03Sizing Tool, Combustion Dome1502C15007G01Heat Treatment Fixture, Combustion Dome1512C15008G01Heat Treatment Fixture, Combustor Outer Liner1522C15010G04Assembly/Inspection Fixture, Combustor Inner/Outer Liner1532C15051G02Axial Position Pressure Fixture, Combustion Dome1542C15610G01Re Sizing Fixture, Combustor Inner Liner1552C15611G01Re Sizing Fixture, Combustor Outer Liner1562C15623G01FIXTURE HEAT TREATMENT LINER, Combustor Inner Liner1	41	2C15031G02	Fix. Nut replacement, HPC,HPT disks,	1
442C6540G02Inspection gauge, 3-9 Spool rub coat1452C7140G03Adapter Set, HPC Rotor Blade tip Grinding1462C7372P44Machining Fixture, Fan stator case machining adapter plate1472C7411G03Machining fixture, Thermal shield1482C15004G03Inspection Fixture , Combustion Dome1492C15006G03Sizing Tool, Combustion Dome1502C15007G01Heat Treatment Fixture, Combustion Dome1512C15008G01Heat Treatment Fixture, Combustor Outer Liner1522C15010G04Assembly/Inspection Fixture, Combustor Inner/Outer Liner1532C15051G02Axial Position Pressure Fixture, Combustion Dome1542C15610G01Re Sizing Fixture, Combustor Inner Liner1552C15611G01Re Sizing Fixture, Combustor Outer Liner1562C15623G01FIXTURE HEAT TREATMENT LINER, Combustor Inner Liner1	42	2C6510GO1	Snubber Set, HPC Rotor Grinding	1
45 2C7140G03 Adapter Set, HPC Rotor Blade tip Grinding 46 2C7372P44 Machining Fixture, Fan stator case machining adapter plate 47 2C7411G03 Machining fixture, Thermal shield 48 2C15004G03 Inspection Fixture, Combustion Dome 49 2C15006G03 Sizing Tool, Combustion Dome 50 2C15007G01 Heat Treatment Fixture, Combustion Dome 51 2C15008G01 Heat Treatment Fixture, Combustor Outer Liner 52 2C15010G04 Assembly/Inspection Fixture, Combustor Inner/Outer Liner 53 2C15051G02 Axial Position Pressure Fixture, Combustion Dome 54 2C15610G01 Re Sizing Fixture, Combustor Inner Liner 55 2C15611G01 Re Sizing Fixture, Combustor Outer Liner 56 2C15623G01 FIXTURE HEAT TREATMENT LINER, Combustor Inner Liner	43	2C6529G05- G08	Snubber Set, HPC Stator Grinding	1
462C7372P44Machining Fixture, Fan stator case machining adapter plate1472C7411G03Machining fixture, Thermal shield1482C15004G03Inspection Fixture, Combustion Dome1492C15006G03Sizing Tool, Combustion Dome1502C15007G01Heat Treatment Fixture, Combustion Dome1512C15008G01Heat Treatment Fixture, Combustor Outer Liner1522C15010G04Assembly/Inspection Fixture, Combustor Inner/Outer Liner1532C15051G02Axial Position Pressure Fixture, Combustion Dome1542C15610G01Re Sizing Fixture, Combustor Inner Liner1552C15611G01Re Sizing Fixture, Combustor Outer Liner1562C15623G01FIXTURE HEAT TREATMENT LINER, Combustor Inner Liner1	44	2C6540G02	Inspection gauge, 3-9 Spool rub coat	1
472C7411G03Machining fixture, Thermal shield1482C15004G03Inspection Fixture, Combustion Dome1492C15006G03Sizing Tool, Combustion Dome1502C15007G01Heat Treatment Fixture, Combustion Dome1512C15008G01Heat Treatment Fixture, Combustor Outer Liner1522C15010G04Assembly/Inspection Fixture, Combustor Inner/Outer Liner1532C15051G02Axial Position Pressure Fixture, Combustion Dome1542C15610G01Re Sizing Fixture, Combustor Inner Liner1552C15611G01Re Sizing Fixture, Combustor Outer Liner1562C15623G01FIXTURE HEAT TREATMENT LINER, Combustor Inner Liner1	45	2C7140G03	Adapter Set, HPC Rotor Blade tip Grinding	1
48 2C15004G03 Inspection Fixture , Combustion Dome 1 49 2C15006G03 Sizing Tool, Combustion Dome 1 50 2C15007G01 Heat Treatment Fixture, Combustion Dome 1 51 2C15008G01 Heat Treatment Fixture, Combustor Outer Liner 1 52 2C15010G04 Assembly/Inspection Fixture, Combustor Inner/Outer Liner 1 53 2C15051G02 Axial Position Pressure Fixture, Combustion Dome 1 54 2C15610G01 Re Sizing Fixture, Combustor Inner Liner 1 55 2C15611G01 Re Sizing Fixture, Combustor Outer Liner 1 56 2C15623G01 FIXTURE HEAT TREATMENT LINER, Combustor Inner Liner 1	46	2C7372P44	Machining Fixture, Fan stator case machining adapter plate	1
492C15006G03Sizing Tool, Combustion Dome1502C15007G01Heat Treatment Fixture, Combustion Dome1512C15008G01Heat Treatment Fixture, Combustor Outer Liner1522C15010G04Assembly/Inspection Fixture, Combustor Inner/Outer Liner1532C15051G02Axial Position Pressure Fixture, Combustion Dome1542C15610G01Re Sizing Fixture, Combustor Inner Liner1552C15611G01Re Sizing Fixture, Combustor Outer Liner1562C15623G01FIXTURE HEAT TREATMENT LINER, Combustor Inner Liner1	47	2C7411G03	Machining fixture, Thermal shield	1
502C15007G01Heat Treatment Fixture, Combustion Dome1512C15008G01Heat Treatment Fixture, Combustor Outer Liner1522C15010G04Assembly/Inspection Fixture, Combustor Inner/Outer Liner1532C15051G02Axial Position Pressure Fixture, Combustion Dome1542C15610G01Re Sizing Fixture, Combustor Inner Liner1552C15611G01Re Sizing Fixture, Combustor Outer Liner1562C15623G01FIXTURE HEAT TREATMENT LINER, Combustor Inner Liner1	48	2C15004G03	Inspection Fixture , Combustion Dome	1
512C15008G01Heat Treatment Fixture, Combustor Outer Liner1522C15010G04Assembly/Inspection Fixture, Combustor Inner/Outer Liner1532C15051G02Axial Position Pressure Fixture, Combustion Dome1542C15610G01Re Sizing Fixture, Combustor Inner Liner1552C15611G01Re Sizing Fixture, Combustor Outer Liner1562C15623G01FIXTURE HEAT TREATMENT LINER, Combustor Inner Liner1	49	2C15006G03	Sizing Tool, Combustion Dome	1
522C15010G04Assembly/Inspection Fixture, Combustor Inner/Outer Liner1532C15051G02Axial Position Pressure Fixture, Combustion Dome1542C15610G01Re Sizing Fixture, Combustor Inner Liner1552C15611G01Re Sizing Fixture, Combustor Outer Liner1562C15623G01FIXTURE HEAT TREATMENT LINER, Combustor Inner Liner1	50	2C15007G01	Heat Treatment Fixture, Combustion Dome	1
532C15051G02Axial Position Pressure Fixture, Combustion Dome1542C15610G01Re Sizing Fixture, Combustor Inner Liner1552C15611G01Re Sizing Fixture, Combustor Outer Liner1562C15623G01FIXTURE HEAT TREATMENT LINER, Combustor Inner Liner1	51	2C15008G01	Heat Treatment Fixture, Combustor Outer Liner	1
542C15610G01Re Sizing Fixture, Combustor Inner Liner1552C15611G01Re Sizing Fixture, Combustor Outer Liner1562C15623G01FIXTURE HEAT TREATMENT LINER, Combustor Inner Liner1	52	2C15010G04	Assembly/Inspection Fixture, Combustor Inner/Outer Liner	1
55 2C15611G01 Re Sizing Fixture, Combustor Outer Liner 1 56 2C15623G01 FIXTURE HEAT TREATMENT LINER, Combustor Inner Liner 1	53	2C15051G02	Axial Position Pressure Fixture, Combustion Dome	1
56 2C15623G01 FIXTURE HEAT TREATMENT LINER, Combustor Inner Liner 1	54	2C15610G01	Re Sizing Fixture, Combustor Inner Liner	1
	55	2C15611G01	Re Sizing Fixture, Combustor Outer Liner	1
57 2C7344G06/G08 Hydraulic Expander Fixture, Combustion Dome 1	56	2C15623G01	FIXTURE HEAT TREATMENT LINER, Combustor Inner Liner	1
	57	2C7344G06/G08	Hydraulic Expander Fixture, Combustion Dome	1

CF6-80C2 LPT STATOR

S.NO	PART NAME	PART NO	SERIAL NO	STATUS	REMARKS
01	LOW PRESSURE TURBINE	2083M94G22	RRB01042	OVERHAULED	SERVICEABLE
02	STATOR (LPTS)	2083M94G22	RRB01001	OVERHAULED	SERVICEABLE

CF6-80C2 LPT EMU (ASSEMBLED)

S.NO	PART NAME	QTY.	REMAINING CYCLES	REMARKS
1	LPT Disk Stg-1	1	5215	
2	LPT Disk Stg-2	1	5215	
3	LPT Disk Stg-3	1	11189	
4	LPT Disk Stg-4	1	5109	
5	LPT Disk Stg-5	1	5215	
6	LPT Fwd. Shaft	1	5109	
7	LPT Blade Stg-1	118	N/A	
8	LPT Blade Stg-2	124	N/A	AC DEMOVED
9	LPT Blade Stg-3	88	N/A	AS REMOVED
10	LPT Blade Stg-4	88	N/A	
11	LPT Blade Stg-5	98	N/A	
12	LPT Vanes Stg-1	8	N/A	
13	LPT Vanes Stg-2	15	N/A	
14	LPT Vanes Stg-3	20	N/A	
15	LPT Vanes Stg-4	19	N/A	
16	LPT Vanes Stg-5	24	N/A	
17	LPT Casing	1	N/A	AD-2008-21-11 C/O



S/No.	PART NUMBER	ESN
1	GTCP660-4	P-37802
2	GTCP660-4	P-37888
3	GTCP660-4	P-38311
4	GTCP660-4	P-38053
5	GTCP660-4	P-38091
6	GTCP660-4	P-38315



Description		which is not applicable) In Figures	Offered Purchase Price In Words
Currency PK Serial# 1 2	·		
Serial#	·		
1 2	Details _	In Figures	
1 2	Details	In Figures	In Words
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