

INVITATION TO BID

Tender Ref: GMCM/ENGG/GE90/REPAIR/03/2025

1. Pakistan International Airline (PIA) invites quotations through EPADS and sealed bids from renowned (Eligibility as per Bidding Documents) Vendors on “Single Stage Two Envelope Basis”

for

“Repair / Overhaul of GE90 Series Engines installed on PIACL B777 Fleet”

2. Bidding documents containing detail terms and conditions, etc. are available electronically and can be downloaded from
3. PIACL Website <https://www.piac.com.pk/corporate/business-with-pia/tenders>
4. PPRA Website <https://www.ppra.org.pk/active-tenders>
5. EPADS-PPRA website <https://eprocure.gov.pk> through Supplier Login
6. Bids MUST BE submitted electronically through EPADS.
7. The bids must be prepared in accordance with the instruction in the bidding documents and must be submitted by **28-04-2025** before 10:30 AM. Bids will be opened on the same day at 11:00 AM.
8. Hard Copies of bids along with Original Bid Security instrument (for local bidders) MAY BE submitted to the undersigned before above given deadline (in addition to EPADS).

Pakistan International Airlines

GM Contract Management Division

1st Floor, Supply Chain Management Department
Building, [PIACL], Head Office Karachi Airport-75200
Pakistan

Tel: +92-21-99044216 / 5277

E-mail. gm.cm@piac.aero / contract.tech@piac.aero

Website: <http://web.piac.com.pk/>

IMPORTANT NOTES

Bidding documents, containing detailed terms and conditions, etc. are available and can be downloaded from PIA Website <https://www.piac.com.pk/corporate/sales-procurement/tender> as well as from E-PADS PPRA web site www.eprocure.gov.pk free of cost. Bidders need to get registered at E-web portal of E-PADS PPRA (**Federal PPRA**) to access the tender document and other relevant information including electronic bid submission. In case of any help regarding EPADS online submission, Following emails auditcell.scm@piac.aero and contract.tech@piac.aero may be contacted.

Bids should be submitted electronically ONLY through EPADS PPRA web portal. Manual submission of bid, without EPADS electronic bid is NOT acceptable. For registration and training on EPADS or in case of any technical difficulty in using EPADS, prospective bidder/s may contact Mr. Rizwan Mehmood, Director MIS Room No.109, 1st Floor, FBC Building Sector G-5/2, Islamabad or Helpline Contact No. 051-111-137-237.

The bids prepared in accordance with the instructions in the bidding documents must be submitted through EPADS web portal by closing time & date mentioned in the tender document. Bids will be opened on the same day at 11:00 AM through EPADS.

All interested bidders must register themselves at EPADS by using link: <https://eprocure.gov.pk/#/supplier/registration>

Original Bid Security and Tender Fee instrument MUST BE attached with the Technical Proposal and the reference / PayOrder copy must be submitted through EPADS online submission as well, before Tender Closing Date & Time (For Local Bidders only).

Note for International Bidders

International Suppliers/Vendors/Bidders are requested to register on EPADS if for assistance to get registered contact PIA Focal EPADS Mr. Wali Sohaib Najeeb email auditcell.scm@piac.aero and contract.tech@piac.aero.

In the event that Foreign bidders are unable to register on an EPAD, manual bids (subject to company management approval) may be submitted; but, in compliance with PPRA instructions, all bidders, whether local and foreign, must subsequently register on EPADS.

Tender for
Repair / Overhaul of GE90 Series Engines
installed on PIACL B777 Fleet

Section A - Instructions to Bidders

1. Scope of Tender

Pakistan International Airlines Corporation Limited (PIACL) invites “sealed proposals” from interested parties for the “Repair & Overhaul of GE90 Series Engines installed on PIACL B777 Fleet”. The services must include following,

- Complete Repair / Overhaul of GE90 Series Engine with upto date MOD status. (i.e. incorporation of all applicable ADs, Mandatory / Recommended SB’s)
- Quick turn Repair
- On-site Quick Turn Repair by On-wing Support Option
- Availability of Loaner engine to support operations of Aircraft

2. Mandatory Requirements

S/N	Mandatory Requirements	YES/NO
1.	Have in-house Repair / Overhaul Capability of GE90 Series Engines	
2.	Experience of GE90 Series Engine Overhaul in Last 03 Years	
3.	Provision of Lease engine as and when required by PIA	
4.	PIA requires any of the following certification for repaired / overhauled Engines. <ul style="list-style-type: none"> • EASA Form-1 • FAA Form 8130 • TCA Form 24-0078 	
5.	The Service Provider must get their facility audited and approved by Pakistan Civil Aviation Authority (PCAA 145)	
6.	PMA parts and DER repairs (With Customers Consent Only)	

- Offer MUST contain the above table duly filled with ‘YES’ to consider the proposal.

Evaluation of Proposals

Note: Proposals **must** contain the criteria table with offer mentioned against each field.

1. Technical Evaluation Criteria

Following Criteria will be used for Evaluation:

S/N	Criteria	Unit	Weightage	Bidders Offer
1	Turnaround time in days.	Number	10	
2	Maximum excusable days in TAT	Number	4	
3	Minimum Non-Excusable Days in TAT	Number	4	
4	Loaner Engine offer in case of extension of offered TAT (whether Excusable and/or Non-Excusable Days) with discounted rates	Agree / Not Agree	10	
5	Warranty Terms			
	a) On-wing life (Days)	Calendar Days	05	
	b) On-wing Life (Minimum 3000 FC)	Flight Cycles	05	
6	In case of engine failure within warranty period, it is mandatory to provide FOC loaner, repair and transportation both ways by the service provider	Agree / Not Agree	05	
7	Sharing in Transportation Charges to & from PIA base	100% Transportation will get full marks(10)	10	
		50% Transportation will get 5 marks		
8	Management of Engine Transportation	Agree /Not Agree	06	
9	On-site Quick Turn Repair by On-wing Support Team	Agree /Not Agree	05	
10	Availability of Induction Slot within 20 days after receipt of repair order from PIA	Agree / Not Agree	6	
11	Arrangement of PIA representatives for table inspection (Transportation ,boarding, lodging etc)	Agree / Not Agree	5	
	TOTAL		75	

Marks will be calculated as per following formula:

Obtained Marks (A) = (Best Offer / Service Provider's offer) x weightage

2. Financial Evaluation Criteria

S/N	Criteria	Units	Weightage	Fill Here
1.	Not To Exceed Price for work scope and points given in Annex-A and Annex-B (Including test & fuel charges)	USD	50	
2.	All Modules Fix Labour Charges (in case of work scope escalation or reduction)	USD	15	
3.	Non Routine (Out of work scope) Labor Rate	USD	02	
Replacement Parts				
4.	a) Used Serviceable Parts (LLPs)	% Pro-rate	03	
	b) Used Serviceable Parts (Non-LLPs)	% CLP	03	
	c) Rotable Exchange	% CLP	03	
	d) Component Repair	% CLP	03	
	e) Accessory & QEC Repairs	% CLP	03	
Standard Exchange Charges (% CLP)				
5.	a) For Used Serviceable Non-LLP's	% CLP	02	
Handling Fee Type				
6.	a) New Parts (Non-LLP)	% CLP	01	
	b) New Parts (LLP)	% CLP	01	
	c) Rotable Exchange	% CLP	01	
	d) Customer Furnished Equipment / Parts	% CLP	01	
	e) Used Serviceable LLP Parts	% OF INVOICE	01	
	f) Used Serviceable Non-LLP Parts	% OF INVOICE	01	
	g) Sub-contracted Services	%OF INVOICE	01	
Capping on Handling Charges				
7.	a) New Parts per Item and per Line Item	USD	01	
	b) New LLP Parts	USD	01	
	c) New Non-LLP Parts	USD	01	
	d) Used Serviceable Parts (LLPs)	USD	01	

	e) Used Serviceable Parts (Non-LLPs)	USD	01	
	f) Sub-Contracted work	USD	01	
	g) Sub-contracted Work per Item and per Line Item	USD	01	
8.	Payment Terms			
	a) Initial Payment at Induction (20% of NTE Cost)	% Invoice	05	
	b) 30% of NTE cost after Table Inspection	% Invoice	05	
	c) 50% of NTE cost after testing		05	
	d) Remaining Invoice after Delivery of engine within 30 days	Yes / No	05	
9.	Penalty per day in case of extended TAT	USD	02	
10.	Lease Engine Charges			
	Lease Engine hourly Rate	USD	10	
	Lease Engine cyclic Rate	USD	10	
	Lease Engine daily Rental	USD	10	
Total			150	

All financial offers must be in USD.

Marks will be calculated as per following formula:

Formula for all Dollar Value Points is **Obtained Marks = (Highest Offer / Bid Offer) x Weightage**

For remaining points **Obtained Marks = (Best Offer / Bidder's Offer) x weightage**

Total Marks Obtained = (40% x Marks obtained in Technical Evaluation) + (60% x Marks obtained in Technical Evaluation)

Annex-"A"

"Not to Exceed points" base price **"MUST INCLUDE"** following:

1. Preparation for testing and Engine Testing Charges (exclusive of Fuel & Oil)
2. Engine receiving inspections including BSI and inventory checks.
3. Detailed outgoing inspection with preparation for shipment.
4. All required labor (routine and non -routine work and repairs).
5. Consumable and expendable Material
6. Replacement of hardware will be preferable with used serviceable/overhauled in case original part is repairable or scrapped.
7. Exchange/Pool Material
8. Replacement of all type of Hardware (Including Non LLPs, each blade & Vane etc) scrapped part irrespective of their cost related for all level of worksopes i.L1, L2 , L3 &L4
9. Replacement of HPT S1 /2 Blades will be New/Overhauled with TSO/CSO 00/00

Annex "B"

Last shop visit documents of these two engines are available in Google drive link below.

<https://drive.google.com/drive/folders/1EHQOlld4SP3QQ6I6K7K4IrLBWQJ9OLRu?usp=sharing>

WORK SCOPE OF ESN: 906184 & 906251

Annex "B" (ESN 906184)

GE90 ENGINE WORKSCOPE DATA	
ESN	906184
ENGINE TYPE	GE90-100
Aircraft	BHV
Position	1
Reason of Removal	HPCR Damage
Date of Removal	11-03-2024
ECSN	10216
ETSN	52641
CSSLV	3527
TSLV	14491
CSO (HOT SECTION)	3537
TSO (HOT SECTION)	14491

S/N	ESN	MOD (CODE)	NOMENCLATURE	Workscope Required	Remarks
1	906-184	(21X/A)M21	FAN BOOSTER ASSY	Level 2	
2	906-184	(22X/B)M23	NO.1-2 BRG/ASSY	Level 2	
3	906-184	(61X/U)M32	IGB	Level 4	
4	906-184	(62X/V)M33	TGB	Level 4	
5	906-184	(31X/E)M51	HPC ROTOR	Level 4	
6	906-184	(32X/F)M52	HPC STATOR	Level 4	
7	906-184	(41X/F)M45	Combustor Diffuser	Level 3	
8	906-184	(410)M54	COMBUSTOR	Level 4	
9	906-184	(51X/T)M55	ST1 NOZZLE	Level 4	
10	906-184	(52X/L)M56	ST2 NOZZLE	Level 4	
11	906-184	(53X/M)M57	HPT ROTOR	Level 4	
12	906-184	(54X/N)M58	TCF ASSY	Level 4	
13	906-184	(56X/T)M61	LPT ROTOR/STATOR	Level 2	
14	906-184	(57X/S)M63	TRF ASSY	Level 4	
15	906-184	(58X/T)M64	LPT MID-SHAFT	level 2	
16	906-184	(64X/W)M71	AGB ASSY	Leve 3	

NOTES:

- 1 Engine to be build for stub life of Hpc ext case with mininum life of 3748 cycles.
- 2 All open ADs to be complied.
- 3 Consult engine last shop visit document for details of work done during the visit on each module.
- 4 Re work LLPs if applicable for enhancement of their life subject to extent of disassembly of module.
- 5 All accessories to be repaired as per GE90-100 Engine WSPG
- 6 Used LLPs to be installed for replacement to match engine build life.

important SBs:

Compliance of Mandatory SBs and Recommended SBs cat 2-5 in case of applicability comply the following SBs in case of applicability.
72-0676, 80-0031,72-0686,80-0016

Annex "B" (ESN 906251)

GE90 ENGINE WORKSCOPE DATA	
ESN	906251
ENGINE TYPE	GE90-100
Aircraft	8GZ
Position	1
Reason of Removal	HPTS1 NGVs distrss
Date of Removal	07-08-2024
ECSN	11021
ETSN	60438
CSLSV	3461
TSLSV	21208
CSO (HOT SECTION)	3461
TSO (HOT SECTION)	21208

S/N	ESN	MOD (CODE)	NOMENCLATURE	Workscope Required	Remarks
1	906-251	(21X/A)M21	FAN BOOSTER ASSY	Level 2	
2	906-251	(22X/B)M23	NO.1-2 BRG/ASSY	Level 4	
3	906-251	(61X/U)M32	IGB	Level 2	
4	906-251	(62X/V)M33	TGB	Level 2	
5	906-251	(31X/E)M51	HPC ROTOR	Level 2	
6	906-251	(32X/F)M52	HPC STATOR	Level 2	
7	906-251	(41X/F)M45	Combustor Diffuser	Level 3	
8	906-251	(410)M54	COMBUSTOR	Level 4	
9	906-251	(51X/T)M55	ST1 NOZZLE	Level 4	
10	906-251	(52X/L)M56	ST2 NOZZLE	Level 4	
11	906-251	(53X/M)M57	HPT ROTOR	Level 4	
12	906-251	(54X/N)M58	TCF ASSY	Level 2	
13	906-251	(56X/T)M61	LPT ROTOR/STATOR	Level 2	
14	906-251	(57X/S)M63	TRF ASSY	Level 2	
15	906-251	(58X/T)M64	LPT MID-SHAFT	level 2	
16	906-251	(64X/W)M71	AGB ASSY	Level 4	

NOTES:

- 1 Engine to be build for stub life of Spool 2-5 with mininum life of 3684 cycles.
- 2 All open ADs to be complied.
- 3 Consult engine last shop visit document for details of work done during the visit on each module.
- 4 Re work LLPs if applicable for enhancement of their life subject to extent of disassembly of module.
- 5 All accessories to be repaired as per GE90-100 Engine WSPG
- 6 Used LLPs to be installed for replacement to match engine build life.

important SBs:

Compliance of Mandatory SBs and Recommended SBs cat 2-5 in case of applicability
 comply the following SBs in case of applicability.
 72-0676, 80-0031,72-0686,80-0016