



PHL/NR/ENGG/TE-057

Date: 21-01-2022

TENDER ENQUIRY No.: PHL/NR/ENGG/TE-057 DATED 21-01-2022 FOR REPAIR / OVERHAUL OF BELL 407 ENGINE (M250 C47B) S/No.: CAE-848119 WITH OPTIONAL RENTAL ENGINE

Sealed quotes are invited only from Authorized Maintenance, Repair & Overhaul Centers (AMROC's) of Rolls Royce which are listed in Customer Support Directory of Rolls Royce for signing the contract to carry out the job specified on our Rolls Royce Engine listed at Appendix C. Bidders are also requested to provide the quote for providing RR M250 C47B engine on rent for the period till PHL's Engine **(M250 C47B) S/No.: CAE-848119** is returned back after service as per work scope required at Appendix C.

If you are a Rolls Royce Authorized Maintenance, Repair & Overhaul Centers (AMROC) (for Rolls Royce Engine), and having DGCA INDIA CAR-145 approval, we invite you to quote for carrying out the job specified against above component covering complete charges to carry out the job required including labor charges, materials, inspection, testing and certification charges etc as per our following terms and conditions listed below:

1. Total charges quoted should be on CPT, IGI Airport, New Delhi basis for the job specified in Appendix 'C' and should indicate and include charges for onward and return freight, disassembly, inspection, repair/overhaul, assembly, testing, certification, charges for material/labor/anticipated rework etc. Our insurance of Oriental Insurance Company Limited vide Policy No. 510000/43/2022/22 which is valid from 01/08/2021 to 31/07/2022 shall be mentioned in all shipping documents i.e., Invoice, Packing List etc.

Note:

- a. The quotes should be submitted strictly as per format given at Appendix 'A' for each component on a separate sheet.
 - b. Only the bids submitted as per Appendix 'A' will be considered and evaluated as per bid evaluation criteria given at Appendix 'B'.
2. The repair agency shall collect the Engine from the PHL premises (Rohini Heliport) for dispatch to the Rolls Royce Authorized Maintenance, Repair & Overhaul Center (AMROC) and shall also dispatch the Engine from Rolls Royce Authorized Maintenance, Repair & Overhaul Center (AMROC) to IGI Airport, New Delhi. Onward and return freight charges should be included in the quote and separately mentioned as onward and return freight charges for Engine.
 3. Turnaround time for carrying out the job mentioned above should be specified for each component. Liquidated Damages @ 0.5% of the cost of equipment overdue for each of the first four full weeks and then @ 1% for each subsequent full week of the delay thereafter will be applicable for delay in delivery due to reasons attributable to the repair agency. However, total amount of Liquidated Damages shall not exceed 10% of the cost of the equipment delayed. Should the delay in delivery is of more than three months; Pawan Hans Limited has the right to cancel unfulfilled part of the contract.
 4. All mandatory AD's/CEB's/Modifications (applicable till date) specified by OEM (Rolls Royce) shall be complied on the components during repair/overhaul.
 5. Warranty/guarantee applicable on the components after repair/overhaul of the job specified should be clearly mentioned in the quote. Warranty shall be applicable from the date of receipt of component (s) at PHL's facility.
 6. New spares/material obtained from OEMs only will be used during overhaul and price for the same charged to us will not exceed the listed price of the OEMs.
 7. Job required to be carried out as mentioned above shall be duly certified in appropriate documents and airworthiness release documents like EASA Form 1/FAA-8130-3 certificate or equivalent document will be provided along with the components after completion of the job.
 8. Approval certificate from Regulatory Authority of your country or EASA/FAA regarding capability of your facility to carry out the required job on Rolls Royce Engine components listed should be enclosed in the quote.





9. Validity of quotes shall be minimum 90 days. Itemized breakup for each price head should be clearly specified in the quote.
10. CAR-145 approval of Indian Regulatory Authority (DGCA) is mandatory and approval documents/certificates should be enclosed in the quote.
11. Being a Government of India Enterprise, payment terms listed below are only permitted by Pawan Hans Ltd. Therefore, confirmation of any one Payment Term out of four is mandatory, failing which, the quotation will not be considered.
 - a) Payment within 30 days after receipt of the component (complete in all respects), or
 - b) Payment through irrevocable letter of credit (LC) at sight for which all the bank charges are to be borne by the bidder/repair agency. LC opening terms shall be duly furnished by the company's authorized signatory with company seal & official letter head for submission to bank, or
 - c) Wire transfer against proof of shipment of goods. Wire transfer details shall be furnished in advance by the company's authorized signatory with company seal & official letter head. Wire transfer details can't be modified or changed at later stage, or
 - d) Advance payment only against matching bank guarantee.

☞ **PLEASE CONFIRM THE ACCEPTANCE OF ONE OF THE ABOVE PAYMENT TERMS.**

12. Average man hours and maximum man hours required to complete the job on each component as per past experience should also be specified.
13. PHL reserves all the rights to exercise or reject the commercial offer of rental engine. Based on operational requirements a formal decision in this regard shall be intimated separately to the qualifying bidder. Rental engine can also be returned to the agency before the contract validity.
14. The rental RR M250-C47B engine may be required for a period not less than actual TAT (turnaround time) of PHL's ENGINE (M250 C47B) S/No.: CAE-848119 till it is returned back after service. Hours available on the engine should be at least 300 hours.
15. The date of tender opening will be 1200 hours (Indian Standard Time) on 01-02-2022.
16. The wax sealed quotation should be submitted before the last date i.e., 1700 hours (Indian Standard Time) on 31-01-2022. The envelop shall be superscribed as **"TE-057 dated 21-01-2022 – Quotes for carrying out overhaul/repair on Bell helicopter/Allison engine components"** and it should reach us by 1700 hours (Indian Standard Time) on 31-01-2022 at the following address:

To,
In-Charge (PPC), NR,
PAWAN HANS LIMITED
(A Govt of India Enterprise)
Sector 36, Rohini Heliport,
NEW DELHI, INDIA-110085
Tel: +91-11-27902620

The quotes received only in wax sealed envelope by 1700 hours (Indian Standard Time) on 31-01-2022 will be opened on 01-02-2022 at 1200 hours (Indian Standard Time). In case you desire, your representative may be present on 01-02-2022 at 1200 hours at our New Delhi Office, during opening of quotations. Details of this tender are also available on our website www.pawanhans.co.in

17. RIGHT OF ACCEPTANCE: Pawan Hans Limited does not bind himself to accept the lowest or any other tender and reserves the right of accepting the whole or any part of the tender without assigning any reason whatsoever.
18. Bidders should confirm acceptance of all Terms and Conditions of this tender. Pawan Hans Ltd can accept or reject any offer received against the tender enquiry without assigning any reason whatsoever.

(...*Subrato-chanda*...)
Name: SUBRATO CHANDA

Designation: Deputy Chief Aircraft Engineer





1. APPENDIX 'A'

For Repair/Overhaul (TE-057 Dated 21-01-2022)

S/NO.	ESSENTIAL TENDER REQUIREMENT	TO BE FILLED BY THE BIDDER FOR EACH COMPONENT
Agency & Approval details		
1.1	Name and address of the overhaul/repair agency	
1.2.1	Regulatory authority's approval no. date & validity. Attach authenticated copy of approvals.	
1.2.2	Certificate from OEM/Aircraft manufacturer approving facilities as authorized maintenance centre/ customer support facility/ service centre (covering each item/component of equipment)	
1.3	Authenticated copy of scope of approval (The part nos. of the components offered for overhaul/repair must be available in the scope of approval)	
1.4	Approving authority	
1.5	A. Quoted price for each equipment for following works:	
	1. Initial shop examination	
	2. Disassembly	
	3. Cleaning	
	4. Inspection	
	5. Standard Kit (Mandatory consumables etc)	
	6. Machining, if required	
	7. Assembly	
	8. Testing and Certification	
	9. Total (Overhaul/Repair) charges including CPT	
1.6	Per hour labor rate applicable	
1.7	Turn around time (TAT) for overhaul/repair	
1.8	Detail of OEMs warranty/ guarantee for overhaul/ repair against each equipment	
1.9	Warranty/ Guarantee offered for overhaul/ repair against each equipment.	
1.10	Percentage discount offered on OEMs listed price of break down spares	
1.11	Attach copy of release certificate for rental engine	
1.12	Attach copy of log card for rental engine	





1.13	Rental Engine Charges: (i) Per Hour usage charges. (ii) Monthly rental charges if engine is not used.		
S/NO.	ESSENTIAL TENDER REQUIREMENT	TO BE FILLED BY THE BIDDER FOR EACH COMPONENT	
1.13	Rental Engine Charges: (i) Per Hour usage charges. (ii) Monthly rental charges if engine is not used.		
Payment Terms & Acceptance of Tender Terms & Conditions			
1.14	Payment Terms A. Payment within 30 days after receipt of the component (complete in all respects) B. Payment through irrevocable letter of credit (LC) at sight for which all the bank charges are to be borne by the bidder/repair agency. LC opening terms shall be duly furnished by the company's authorized signatory with company seal & official letter head for submission to bank. C. Wire transfer against proof of shipment of goods. Wire transfer details shall be furnished in advance by the company's authorized signatory with company seal & official letter head. Wire transfer details can't be modified or changed at later stage. D. Advance payment only against matching bank guarantee.		
1.15	All the terms and conditions as per the TE-057 dated 21-01-2022 are acceptable	Yes	No

(Signed by the bidder)





2. APPENDIX 'B'

For Repair/Overhaul (TE-057 Dated 21-01-2022)

TENDER EVALUATION CRITERIA (TE-057 DATED 21-01-2022)			
2.1	A. Quoted price for each equipment for following works:		40 (Max) (5 marks each entity)
	1. Initial shop examination		
	2. Disassembly		
	3. Cleaning		
	4. Inspection		
	5. Standard Kit (Mandatory consumables etc.)		
	6. Machining, if required.		
	7. Assembly		
	8. Testing and Certification		
	9. Total (Overhaul/Repair charges including CPT)		
2.2	Discount offered on OEM's spares required for repair/overhaul of components	Discount more than 5% on OEMs price List	15
		Discount up to 5% on OEMs price List	10
		As per OEM's price list (Nil discount)	5
		Quoted price more than OEM's price list	0
2.3	Labor rate	USD 50 per hour and below	15
		USD 51 to 60 per hour	12
		USD 61 to 70 per hour	9
		USD 71 to 80 per hour	6
		USD 80 and above per hour	3
2.4	Warranty	If same as OEM's warranty	10
		Less than OEM's warranty	5
2.5	TAT for overhaul	within 30 days	20
		within 31 to 40 days	15
		within 41 to 50 days	10
		within 51 to 60 days	5
		more than 60 days	0

Note –

- Proportionate decrease, with regard to L1 – 40 (Max), L2 = L1/L2 - x 40, L3 = L1/L3 - x 40, L4 = L1/L4 - x 40 & L5 = L1/L5 - x 40 for quoted OH/repair price
- At 2.1, 5 marks are allocated against each attribute.
- In case of units/equipment not requiring machining, standard kit replacement etc the prices are not quoted against the same marking against the concerned attribute and would be the maximum allocated of 5 marks for ease of evaluation.





3. APPENDIX 'C'

For Repair/Overhaul (TE-057 Dated 21-01-2022)

SCOPE OF WORK (TE-057 DATED 21-01-2022)					
S/N	Description	Part Number	Item S/No.	Present TSO/ TSN Component hours	Defect/ Job Required
1	Rolls Royce Bell 407 Engine (Model: M250-C47B)	23063392	CAE-848119	TSN: 5933:35 Cycles: 6803 TSO: 1253:01	2000 HOURS ENGINE INSPECTION IS REQUIRED TO BE CARRIED OUT
2	CEB 72-6064 Revision: 2	N/A	N/A	N/A	POWER TURBINE SUPPORT REWORK AND REIDENTIFICATION ON SERIES IV ENGINES
3	CEB-72-6067 Revision: 1	N/A	N/A	N/A	REPLACEMENT OF No. 2 BEARING
4	CEB-72-6071 Revision: 1	N/A	N/A	N/A	INSTALLATION OF IMPROVED TORQUEMETER THRUST (BALL) BEARING
5	CEB-72-6080 Revision: 1	N/A	N/A	N/A	No. 5 BEARING RETAINING RING REPLACEMENT
6	CEB 72-6081 Revision: 05	N/A	N/A	N/A	REPLACEMENT OF OIL DELIVERY TUBE (PICCOLO TUBE) IN GEARBOX ASSEMBLY
7	CEB A72-6086	N/A	N/A	N/A	REPLACEMENT OF ROLLS ROYCE SINGLE PIECE WIRE PATCH OUTER COMBUSTION CASE ASSEMBLIES (EXISTING OCC SHALL BE SENT ALONG WITH ENGINE)
8	CEB 72-6087 Revision: 1	N/A	N/A	N/A	GEARBOX OIL CHECK VALVE GUIDE & CHECK VALVE POPPET REPLACEMENT
9	CEB 72-6088	N/A	N/A	N/A	REPLACEMENT OF COMBUSTION LINER (EXISTING LINER SHALL BE SENT ALONG WITH ENGINE)
10	CEB 72-6089	N/A	N/A	N/A	REPLACEMENT OF OUTER COMBUSTION CASE P/No.: 23030911 (EXISTING OCC SHALL BE SENT ALONG WITH ENGINE)
11	Spur Adapter Gearshaft	M250-10022	YJ-36828	OC	REQUIRED TO BE REPLACED AS MINOR STEP IS FOUND DURING 2000 HOURS INSPECTION (EXISTING SHAFT ASSEMBLY SHALL BE SENT ALONG WITH ENGINE)
12	CSL 6153	N/A	N/A	N/A	REPLACEMENT OF No. 5 BEARING
13	Rolls Royce Bell 407 Engine (Model: M250-C47B)	23063392	TO BE PROVIDED BY BIDDER	TO BE PROVIDED BY BIDDER	(OPTIONAL) RENTAL ENGINE IS REQUIRED FOR THE PERIOD TILL PHL'S ENGINE (M250 C47B) S/NO.: CAE-848119 IS RETURNED BACK AFTER SERVICE
NOTE: If any CEB/CSL/TB which is due or found to be not complied on the engine, the same may be complied at bidder's facility					

