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GENERAL SPECIFICATION FOR OVERHAULING OF 01 X MI-171 SERIES HELICOPTER INCLUDING 2X ENGINET TB3-117BM). 1XMAIN GEAR BOX (BP-14) AND 1XAUXILIARY POWER UNIT (AM-9B-1) AND OTHERS ASSOCIATED AGGREGATES OF BANGLADESH ARMY

01	Repuirements				To be filled up by the bidder		
	Name of the Bidder with full address				To be mentioned		
)2	Name of the Principal with full address					To be mentioned	
03	Name of the authorized Plant/ MRO (Maintenance Repair and Overhaul) with full address from where the helicopter will be overhauled					To be mentioned	
04	The bidder must be the manufacturer or designer of MI-171 series helicopter or their authorized MRO (Maintenance Repair and Overhaul) by the manufacturer (enlisted in Armed Forces Division, Prime Minister's Office, Government of the People's Republic of Bangladesh to overhaul MI-171 series Helicopter). Necessary certificates are to be attached and without authorization certificate, offer/quotation will not be considered.					To be complied	
05	Authorized MRO may carryout overhauling of the helicopter at Bangladesh Army (BA) facilities (on-site) or MRO's facility (off-site) as per standard overhauling procedure mentioned in latest overhaul manual of Mi-171 series helicopter. All necessary entry to be made and signed by themselves. Technical details of the helicopter are appended below:					Separate price quotation to be mentioned if applicable	
	Helicopter Serial Number 171S0005 0157550U	Date of Manufacture/ Acceptance 06 July 2016	Total Service Life 35 years	Time Before 1st Overhaul Hours/ Years 2000/9	E000000000 000	nce SN) rs	
06	a. Time Between Overhaul (TBO) of the helicopter itself and all installed components/aggregates and accessories should be as per the existing bulletin/certificates of the respective components/ aggregates. TBO should be counted from the date of signing of the acceptance certificate in Bangladesh by both the bidder's specialist and BA representative after successful completion of overhauling job. b. All the life components of the helicopter due for overhaul within 2000 hrs/ 12 years, are to be overhauled. Armament components need not to be overhauled. c. Life components are to be overhauled from the authorized overhauling factory and necessary entry is to be made in relevant certificate/ log book. d. All the mandatory replaceable items are to be replaced with new one. e. All the rubberized hoses/pipes, tyres with tubes, chains & links, insulations for electrical wiring etc are to be replaced with new items.						
	d. All the e. All the	ponents are to b cessary entry is t mandatory replac rubberized hoses	o be made ceable item /pipes, tyre	in relevant certif s are to be repla s with tubes, ch	horized overt icate/ log boo ced with new ains & links,	auling k.	
	d. All the e. All the	ponents are to b cessary entry is t mandatory replac rubberized hoses	o be made ceable item /pipes, tyre	in relevant certif s are to be repla s with tubes, ch	horized overt icate/ log boo ced with new ains & links,	auling k.	
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Ser no			Repuirements			To be filled up by the bidder		
07	The bidder has	to comply the fo	llowings during	overhaul:		NI IV-THE WATER TO A STANFAR TO S		
	a. Tail Ro	To be complied						
	overhauling of t							
	b. Fuel Su tank of the helic							
	c. Inspectic conditional items found unstable d. Other I unserviceable d							
	e. Condition	,						
	No. 18 Company of the	brand new and date of their production must not before one year from the date of signing contract. All the replaced item must have Original Equipment						
	Manufacturer (0 with all installed (TB3-117BM),1:							
	[26] Feb. 107. 11.10			RO. Name of th	50. (5)			
	factory of aforer	mentioned majo	r components sh	nould be mention	ned,			
8	Technical details below:	s of the major co	omponents (Eng	ine, MGB, APU)	are appended	To be complied		
	Serial Number of Major Components	Date of Manufacture/ Acceptance	Total Service Life	Time Before 1 ^{nl} Overhaul Hours/ Years	Time Since New (TSN) Hours /Years			
	22578825021 55, 22578825021 56 (Engine)	21 Sep 2015	6000 hrs	2000/10	1509:49/09 1509:46/09			
	10401445236 44 (MGB)	29 Mar 2016	8000. hre	2000/10	1509:49/09			
	22509325002 25 (APU)	08 July 2015	900 Hrs	300/10	139:46/9			
9	All avionics equi in the test ben- items/wirings are are serviceable	ch as well as e to be repaired; and functional a	in the helicopte replaced to ens	r. Unserviceable ure that all avior	e or defective nics equipment	To be complied		
0	log books/ passport in English. Paint of the helicopter is to be removed by paint strip method and Helicopter is to be painted after overhaul as per the painting scheme provided by BA.					To be complied		
1	Warranty: a. Standard	To be mentioned/ complied						
	b. Any dis (overhauled & rectified/replace charges within t date of reporting more than 60 da be added with to	d at bidder's exp he shortest pos g such defects, gys, than the ful	nd within the, enses including sible time but n However, if the I period of grour	both way freight ot later than 60 helicopter grou	iod shall be and insurance days from the nded period is			
2	Any mandatory							

Ser		Repuir	ements		To be filled up
	of the he	elicopter must be carried out. (Compliance of	of all hulletins/modification	by the bidder
	is to be	ecorded in the logbook/ passp	ort in English)	•
3	Shipme	nt (Applicable for overhaulin	g in MRP's	facility only).	
	a. The	bidder is to ensure the ship	ment of co	ntracted helicopter to th	e To be complied
- 0	overhau	e			
	contract				
	 b. T duration Banglad overhaul 	s n er			
	c. T disasser of the sp the team	or s of			
	d. A	Il expenditure for disassembly	crating can	ving the Crates/Container	
	transport Engines, to over (Chattog related to bidder. E transport				
	e. A airworthy	d			
	f. T servicea				
	and one the helic minimum clearanc accomm will provi h. A flight cov will be c manual.	A y d d A			
	by bidde	13.11			
	Quality				
	Technic				
		Expenditure and duration to be			
	a. During	mentioned			
	Ser	items	No of	Duration	
	no	1.4.11	members	- •	
	1.	Helicopters and its	2	To be mentioned	
	2.	aggregates Engine & APU	1	To be mentioned	
	3.	MGB	1	To be mentioned	
	b.				
	logbooks documer c. fooding.	w.			
				Si.	SHEM OF

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Ser no	Repuirements	To be filled up by the bidder
	Pre Shipment Inspection (PSI)	
	a. After completion of overhauling job pre shipment inspection will be carried out by the cep)of Bangladesh Army(BA) consisting of 2x Aviation Engineer, 1 xFlight Engineer, 2x Pilot and 1x representative from Inspectorate for seven working days. Joint test flight will be conducted in presence of BA Avn pilot and by the test pilot of overhauling plant in the overhauling country. Joint test flight certificates will be signed by both party. The authorized representative or the chief inspector of the overhauling factory will inspect the helicopter and will certify the completion of the job both in overhauling country and Bangladesh (upon arrival in Bangladesh). The bidder will also ensure that BA team is allowed to check logbooks, certificates, replaced components and any of associated documents/items.	To be complied
	 b. The bidder is to intimate the overhaul schedule and plan of visit of BA team at least 12 (twelve) weeks before the schedule date of arrival in the factory for stage inspection and pre shipment inspection. 	
	c. The bidder will provide internal transportation for PSI team. Arrangement for entry in the overhauling country to be made by the bidder. All other cost will be borne by BA.	
15	The bidder may carry out pre-tender inspection of the helicopter at Army Aviation site at their own expenses before submitting the offer/quotation.	To be mentioned
16	The bidder is to offer/quote overhaul cost and freight charge with time line (both ways) by sea/air separately.	To be mentioned

