eksykuk vktłm jk"Vħ; çks kszdh I łafkku Hksiky

Maulana Azad National Institute of Technology Bhopal **Mkjr I jdkj] f'k(kk e**ky; dsv/khu jk'Vh; egRo dk I hFkku)

(An Institution of National Importance under MoE, Govt. of India)



Lifer fufonk i MrkN LIMITED TENDER ENQUIRY

I kexh@oLrpkuke Name of Goods/Items 2 DOF Helicopter Workstation

Website www.manit.ac.in Fax No: 0755-2670562

Email Address: info@manit.ac.in Telephone No: 0755-4051000, 0755-4052000

	∨uØef.kdk/INDEX			
Øekad	fooj.k/	i "B Øelid		
S No	Description	Page No.		
1	fufonk ∨keæ.k I pouk	03		
	Notice Inviting Tenders			
2	,d utj e egRoi.Ni tkudkfj; k	04		
	Important Information at a Glance			
3	cksynnkrk dsfy, funšk	05-08		
	Instructions to Bidders			
4	layXud&A lkexh dhek=k , ofiooj.k	09-10		
	ANNEXURE-I Bill of Quantity and Specifications			
5	layXud& AA eN; cksyn dk çk: i	11		
	ANNEXURE-II Price Bid Form			

ekSykuk vktkn jk"Vh; çkS|kfxdh l kEFkku] Hkki ky

Maulana Azad National Institute of Technology Bhopal Mkkjr Ijdkj] f'k{kke=ky; ds v/khujk"Vh; egRodk I LFkku½ (An Institution of National Importance under MoE, Govt. of India)

No. MANIT/ECE/2025:09

fufonkvkeæ.kl puk NOTICE INVITING TENDERS

I kexh@oLr dk uke 2 DOF Helicopter Workstation
Name of Goods/Items

mijkOr Ikexh@oLrq ds fy, fufonk, W vefi=r dh tkrh gA bPNpd fuekirk@vf/kdr Hkkxhnkj@, atsUI; k; vf/kd tkudkjh ds fy, I LFkku dh ocI kbW www.manit.ac.in vkj CPPP ocI kbW www.eprocure.gov.in/epublish/app ij vf/kd tkudkjh ds fy; s ykx&bu dj I drs gAfufonk nLrkost MkmuykM dj fof/kor: i I s mi &dy/I fpo 1/4k. Mkj, oa Ø; 1/2kSykuk vktkn jk"Vh; çkSj kfxdh I LFkku] Hkki ky& 462003 tek fd; k tk I drk gA

l Eiwkl fufonk e; nLrkost çLrq djus dh våre frffk -25/11/2025- vijklig 12-00 ctrdgål å.Fkkufunskd] fcukdkbækj.kcrk, fdlh; k läwklufonkdkiwkl; k vklikd: ilåohdkj; k vLohdkjdjusdkvf/kdkjljf{krgå

dyl fpo

fnukd@Date:03/11/2025

Tenders are invited for aforesaid Goods/ Items. Interested Manufacturers/Authorized Partner/Agenciesmay log on Institute website www.manit.ac.in and CPPP website www.eprocure.gov.in/epublish/app for further details. Tender Document can be downloaded and the duly completed be submitted to the Deputy Registrar(Stores & Purchase) Maulana Azad National Institute of Technology- Bhopal- 462003.

Last date of submission of complete tender document is 25/11/2025 up to 12.00 hours. The Director of the Institute reserves the right to accept or reject any or the entire tender in full or in part without assigning any reason whatsoever.

Registrar

e kSykukvktknjk"Vh; ckSjkfxahl kFkku lkki ky

Maulana Azad National Institute of Technology Bhopal

, d utj e egRoi.Ni tkudkfj; k					
IMPORTANT INFORMATION AT A GLANCE					
fufonkØekad , ofinukad	ANIT/ECE/2	2025:09			
Tender No & Date	Date: (03/11/2025			
fufonkdkdk;	Zk⊊@SC	OPE OF TE	NDER		
	4.10 - 2 - 2	012 01 12			
l kexh@oLr q lkl i {klrfooj.k		l ([; k	fVIi.kh		
Brief Description of Goods/Item	S	Quantity	Remarks		
-		-			
2 DOF Helicopter Workstati	ion	01	l y Xud&Ai jfoLrrfooj.k		
			Detailed Specification at Annexure-I		
fufonk dh vuækfurykxr		Rs. 13,50,0			
Estimated cost of Tender		10. 15,50,0	7.007		
vki firz , o l fkki ukdklfkku		ECE Depar	rtment at Institute		
Location of Supplies & Installatio	n	1			
fufonknLrkost dhmi yC/krk		www.manit.ac.in			
Availability of Tender Document	-	www.eprocure.gov.in/epublish/app			
fufonktekdjusds∨firefnukød, oale;		25/11/2025	up to 12:00 hours		
Last Date & Time of Submission		•			
Tender					
fufonk [kgyusdh fnuktd ,oale;	25/11/2025	at 15:00 hours			
Date & Time of Opening of Bids					
fufonko§krk dh vof/k		90 days fro	om the date of opening of		
Tender Validity period		the Technical Bid			
forj.k@vkifirldh vof/k		04 to 06 weeks from the date of issue			
Delivery/ Supply period		of Supply Order			
okj à /h∨of/k		01 year (s) from the date of successful			
Warranty Period		Installation & Commissioning of			
·		equipment/ items			
cksyhl j {kk@c; kukjkf′k		As per s	slab mentioned in the		
Bid Security/ EMD		document.			
fu"i knul j {kkj kf′k		As per s	slab mentioned in the		
Performance Security Amount		document			

	C	ckylnkrk dsfy; funkk@vuqsk/instructions to bidders
		-
1	Scope	of Supplies & Work:
	a	The Goods/ Items shall be supplied as per the Bill of Quantity and Specifications
		mentioned in ANNEXURE-I. However higher specification of equipment may
		be considered subject to their cost economics competitiveness.
	b	Bidder should supply illustrated leaflet giving technical details of Goods/ Item
		and attach the same with the tender to facilitate evaluation.
	c	Bidder should quote the price of only one best & appropriate model of
	,	Goods/Item available with them.
	d	Preference to Make In India products (For bids < 200 Crore):Preference shall be
		given to Class 1 local supplier as defined in public procurement (Preference to
		Make in India), Order 2017 as amended from time to time and its subsequent
		Orders/Notifications issued by concerned Nodal Ministry for specific
		Goods/Products. The minimum local content to qualify as a Class 1 local
		supplier is denoted in the bid document. If the bidder wants to avail the
		Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at
		which the local value addition is made along with their bid, failing which no
		purchase preference shall be granted. In case the bid value is more than Rs 10
		Crore, the declaration relating to percentage of local content shall be certified by
		the statutory auditor or cost auditor, if the OEM is a company and by a
		practicing cost accountant or a chartered accountant for OEMs other than
		companies as per the Public Procurement (preference to Make-in -India) order
		2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII
		order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII
		order dated 04.06.2020 are not eligible to participate.
	e	Purchase preference will be given to MSEs as defined in Public Procurement
		Policy for Micro and Small Enterprises (MSEs). If the bidder wants to avail the
		Purchase preference, the bidder must be the manufacturer of the offered product
		in case of bid for supply of goods. Traders are excluded from the purview of
		Public Procurement Policy for Micro and Small Enterprises. In respect of bid
		for Services, the bidder must be the Service provider of the offered Service.
		Relevant documentary evidence in this regard shall be uploaded along with the
		bid in respect of the offered product or service. If L-1 is not an MSE and MSE
		Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer)of margin
		of purchase preference /price band defined in relevant policy, such Seller shall
		be given opportunity to match L-1 price and contract will be awarded for
		25%(selected by Buyer) percentage of total QUANTITY.
	f	Where ISI certification marked goods are available in market, procurement
		should generally be limited to goods with those or equivalent marking only. The
		warranty/AMC required must be specified
	g	After the supply of Goods/ Items & Accessories as mentioned in the
		ANNEXURE-I, the bidder has to execute its installation at the designated
		location(s).No extra cost shall be paid for this reason.
2	Deliver	ry of Supplies & Installation:
	a	The purchaser interested for complete delivery of equipments along with
		Installation, Testing and Commissioning within the period as mentioned at
		IMPORTANT INFORMATION AT GLANCE sheet. However, the bidder has an
		option to submit the best delivery with installation time.

	b	The material shall be in for any damage during t			er shall be responsible	
	С	The insurance cover in			st the loss or damage	
		incidental to manufactu	•		•	
		installation shall be obt				
		purchases.	amed by blader in h	ins own name (ind not in the name of	
3	Warra	inty & After Sales Services:				
	a	The bidder shall offer on-site comprehensive warranty of equipmentsas				
		mentioned at IMPORTAL	NT INFORMATION	AT GLANCE	sheet at the designated	
		location & shall cover	each and every pa	rt of the equip	ments including parts	
		having limited life etc. The purchaser is not liable to pay any extra charges on				
		any account during war	ranty period.			
	b	The bidder shall ensure	to render after sale	s services duri	ng the warranty period	
		to the satisfaction of pu	rchaser.			
4	Eligibi	lity Criteria:				
	a	Bidder should be a Co	1 2		, , ,	
		operational from at lea	•	as on close da	ate of tender. Copy of	
		registration shall be atta				
	b	The Bidder/OEM must				
		years to Central/State				
		listed company in India				
	c	Bidder/OEM should ha		·		
		cost of tender) in last ye			is to be submitted.	
	d	The Earnest Money Dep		_ · ·		
	e	Bidder should have GS				
	f	Bidder should be authorized Distributor/ Dealer/ Partner of Original Equipment				
		Manufacturer (OEM). Copy of Authorization should be submitted.				
	-		Copy of Authorizati	ion snould be s	ubmitted.	
5		t Money Deposit:				
5	The bid	t Money Deposit: Ider is instructed to subm	nit EMD in the form	n of DD/FDR/F	RTGS/NEFT/BG/Bank	
5	The bid	t Money Deposit: Ider is instructed to submion slip along with bid	nit EMD in the form	n of DD/FDR/F	RTGS/NEFT/BG/Bank	
5	The bid	t Money Deposit: Ider is instructed to submion slip along with bidnt as per EMD slab ment	nit EMD in the form to prove the tran ioned below:	n of DD/FDR/F asfer of payme	RTGS/NEFT/BG/Bank ent to the purchaser's	
5	The bid deposit Account	t Money Deposit: Ider is instructed to submion slip along with bid at as per EMD slab ment Tender Value	nit EMD in the form to prove the transioned below:	n of DD/FDR/F asfer of payme	RTGS/NEFT/BG/Bank	
5	The bid deposit Account Less the	t Money Deposit: Ider is instructed to submit ion slip along with bid at as per EMD slab ment Tender Value an 2.50 Lakhs	nit EMD in the form to prove the transioned below: EMD F NIL	n of DD/FDR/F sfer of payme	RTGS/NEFT/BG/Bank ent to the purchaser's	
5	The bid deposit Account Less the Between	t Money Deposit: Ider is instructed to submion slip along with bid at as per EMD slab ment Tender Value	nit EMD in the form to prove the transioned below: EMD F NIL 2% of TenderValue	n of DD/FDR/Fusfer of payme	RTGS/NEFT/BG/Bank ent to the purchaser's	
5	The bid deposit Account Less the	th Money Deposit: Ider is instructed to submit as per EMD slab ment Tender Value an 2.50 Lakhs en 2.50 lakhs to 25.00	nit EMD in the form to prove the transioned below: EMD F NIL 2% of TenderValu off in nearest in 10	n of DD/FDR/Fusfer of payme	RTGS/NEFT/BG/Bank ent to the purchaser's	
5	The bid deposit Account Less the Between	th Money Deposit: Idder is instructed to submit ion slip along with bid at as per EMD slab ment Tender Value an 2.50 Lakhs en 2.50 lakhs to 25.00 Purchaser's Bank Acco	nit EMD in the form to prove the transioned below: EMD F NIL 2% of TenderValu off in nearest in 10 punt details:	n of DD/FDR/F asfer of payme Rate he rounded 00 rupees.	RTGS/NEFT/BG/Bank ent to the purchaser's Remarks	
5	The bid deposit Account Less the Between Lakhs	th Money Deposit: Ider is instructed to submit ion slip along with bid at as per EMD slab ment Tender Value an 2.50 Lakhs an 2.50 lakhs to 25.00 Purchaser's Bank Acco	nit EMD in the form to prove the transioned below: EMD F NIL 2% of TenderValue off in nearest in 10 punt details: Bank Name	n of DD/FDR/Fusfer of payme Rate He rounded O0 rupees. A/c No.	RTGS/NEFT/BG/Bank ent to the purchaser's Remarks IFS Code	
5	The bid deposit Account Less the Between Lakhs	th Money Deposit: Idder is instructed to submit ion slip along with bid at as per EMD slab ment Tender Value an 2.50 Lakhs en 2.50 lakhs to 25.00 Purchaser's Bank Acco	nit EMD in the form to prove the transioned below: EMD F NIL 2% of TenderValu off in nearest in 10 ount details: Bank Name State Bank of	n of DD/FDR/F asfer of payme Rate he rounded 00 rupees.	RTGS/NEFT/BG/Bank ent to the purchaser's Remarks	
5	The bid deposit Account Less the Between Lakhs	th Money Deposit: Ider is instructed to submit on slip along with bid at as per EMD slab ment Tender Value an 2.50 Lakhs an 2.50 lakhs to 25.00 Purchaser's Bank Acco Account Name Director MANIT Bhopal	nit EMD in the form to prove the transioned below: EMD F NIL 2% of TenderValu off in nearest in 10 cunt details: Bank Name State Bank of India	n of DD/FDR/F usfer of payme Rate ne rounded 00 rupees. A/c No. 10020150107	RTGS/NEFT/BG/Bank ent to the purchaser's Remarks IFS Code SBIN0001608	
5	The bid deposit Account Less the Between Lakhs	th Money Deposit: Ider is instructed to submit ion slip along with bid at as per EMD slab ment Tender Value an 2.50 Lakhs an 2.50 lakhs to 25.00 Purchaser's Bank Acco Account Name Director MANIT Bhopal The EMD will be retur	nit EMD in the form to prove the transioned below: EMD F NIL 2% of TenderValu off in nearest in 10 ount details: Bank Name State Bank of India ned to the unsuccess	n of DD/FDR/F asfer of payme Rate le rounded 00 rupees. A/c No. 10020150107	RTGS/NEFT/BG/Bank ent to the purchaser's Remarks IFS Code SBIN0001608 Don after placement of	
5	Less th Betwee Lakhs a	th Money Deposit: Ider is instructed to submit on slip along with bid at as per EMD slab ment Tender Value an 2.50 Lakhs an 2.50 lakhs to 25.00 Purchaser's Bank Acco Account Name Director MANIT Bhopal The EMD will be returned order and successful bid	nit EMD in the form to prove the transioned below: EMD F NIL 2% of TenderValu off in nearest in 10 to the transit of the tr	n of DD/FDR/F asfer of payme Rate The rounded DO rupees. A/c No. 10020150107 assful bidders so ID after supply	RTGS/NEFT/BG/Bank ent to the purchaser's Remarks IFS Code SBIN0001608 Don after placement of of material.	
5	The bid deposit Account Less the Between Lakhs	th Money Deposit: Ider is instructed to submit on slip along with bid at as per EMD slab ment Tender Value an 2.50 Lakhs an 2.50 lakhs to 25.00 Purchaser's Bank Accolored Account Name Director MANIT Bhopal The EMD will be returned order and successful bid and the seeking In the submit of the seeking In the submit of the submit of the seeking In the submit of the submit of the submit of the seeking In the submit of	nit EMD in the form to prove the transioned below: EMD F NIL 2% of TenderValue off in nearest in 10 punt details: Bank Name State Bank of India med to the unsuccess der shall get its EME EMD exemption,	n of DD/FDR/Fusfer of payme Rate The rounded DO rupees. A/c No. 10020150107 Sesful bidders so ID after supply must submit	RTGS/NEFT/BG/Bank ent to the purchaser's Remarks IFS Code SBIN0001608 oon after placement of of material. the valid supporting	
5	Less th Betwee Lakhs a	th Money Deposit: Ider is instructed to submit on slip along with bid at as per EMD slab ment Tender Value an 2.50 Lakhs an 2.50 lakhs to 25.00 Purchaser's Bank Accordance Account Name Director MANIT Bhopal The EMD will be returned order and successful bid document for the relegation of the submit of the relegation of the submit of the submit of the submit of the submit of the relegation of the submit	nit EMD in the form to prove the transioned below: EMD F NIL 2% of TenderValus off in nearest in 10 bunt details: Bank Name State Bank of India ned to the unsuccess der shall get its EME EMD exemption, evant category. Mane	n of DD/FDR/Fusfer of payme Rate The rounded DO rupees. A/c No. 10020150107 Seful bidders so ID after supply must submit anufacturers for payments.	RTGS/NEFT/BG/Bank ent to the purchaser's Remarks IFS Code SBIN0001608 Don after placement of of material. the valid supporting or goods and service	
5	Less th Betwee Lakhs a	th Money Deposit: Ider is instructed to submit on slip along with bid at as per EMD slab ment Tender Value an 2.50 Lakhs an 2.50 lakhs to 25.00 Purchaser's Bank Accordance Account Name Director MANIT Bhopal The EMD will be returned order and successful bid document for the releptor services	nit EMD in the form to prove the transioned below: EMD F NIL 2% of TenderValu off in nearest in 10 ount details: Bank Name State Bank of India med to the unsuccess der shall get its EME EMD exemption, evant category. Ma are eligible for	an of DD/FDR/F asfer of payme Rate The rounded DO rupees. A/c No. 10020150107 assful bidders so after supply must submit anufacturers for exemption from the supply of the supply anufacturers for exemption from the submit and the submit anufacturers for exemption from the submit anufacturers for exemption from the submit anufacturer for exemption from the submit anufacturer for exemption from the submit anufacturer for exemption for exemption from the submit anufacturer for exemption from the submit and the submit anufacturer for exemption for exemption for exemption for exemption from the submit and the submit	REMARKS Remarks IFS Code SBIN0001608 oon after placement of of material. the valid supporting or goods and service m EMD under MSE	
	The bid deposit Account Less the Between Lakhs a b	th Money Deposit: Ider is instructed to submit on slip along with bid at as per EMD slab ment Tender Value an 2.50 Lakhs an 2.50 lakhs to 25.00 Purchaser's Bank Acco Account Name Director MANIT Bhopal The EMD will be returned order and successful bid document for the releptor providers for services Category. Traders are expenses.	nit EMD in the form to prove the transioned below: EMD F NIL 2% of TenderValu off in nearest in 10 ount details: Bank Name State Bank of India ned to the unsuccess der shall get its EME EMD exemption, evant category. Mare eligible for excluded from the purchase to the province of the province o	an of DD/FDR/F asfer of payme Rate The rounded DO rupees. A/c No. 10020150107 assful bidders so after supply must submit anufacturers for exemption from the supply of the supply anufacturers for exemption from the submit and the submit anufacturers for exemption from the submit anufacturers for exemption from the submit anufacturer for exemption from the submit anufacturer for exemption from the submit anufacturer for exemption for exemption from the submit anufacturer for exemption from the submit and the submit anufacturer for exemption for exemption for exemption for exemption from the submit and the submit	REMARKS Remarks IFS Code SBIN0001608 oon after placement of of material. the valid supporting or goods and service m EMD under MSE	
5	The bid deposit Account Less the Between Lakhs a b	t Money Deposit: Idder is instructed to submit on slip along with bid at as per EMD slab ment Tender Value an 2.50 Lakhs an 2.50 lakhs to 25.00 Purchaser's Bank Accordance Account Name Director MANIT Bhopal The EMD will be returned and successful bid document for the releptor orders for services Category. Traders are extended to subment of Tender Document of Subment of Tender Document of T	nit EMD in the form to prove the transioned below: EMD F NIL 2% of TenderValu off in nearest in 10 ount details: Bank Name State Bank of India ned to the unsuccest der shall get its EME EMD exemption, evant category. Mare eligible for excluded from the purent:	n of DD/FDR/F asfer of payme Rate The rounded DO rupees. A/c No. 10020150107 Sell bidders so a supply must submit anufacturers for exemption from the particle of this possible of the payment of th	RTGS/NEFT/BG/Bank ent to the purchaser's Remarks IFS Code SBIN0001608 On after placement of of material. the valid supporting or goods and service m EMD under MSE olicy.	
	The bid deposit Account Less the Between Lakhs a b	th Money Deposit: Idder is instructed to submit on slip along with bid at as per EMD slab ment Tender Value an 2.50 Lakhs an 2.50 lakhs to 25.00 Purchaser's Bank Accordance Account Name Director MANIT Bhopal The EMD will be returned and successful bid document for the releptor providers for services Category. Traders are eximent of Tender Document o	nit EMD in the form to prove the transioned below: EMD F NIL 2% of TenderValus off in nearest in 16 ount details: Bank Name State Bank of India ned to the unsuccess der shall get its EME EMD exemption, evant category. Massare eligible for excluded from the purposent: ne date submission	n of DD/FDR/F asfer of payme Rate The rounded DO rupees. A/c No. 10020150107 The same of the supply of bids, the purple of bids, the purple of bids of the same of the same of the same of the purple of bids, the purple of	RTGS/NEFT/BG/Bank ent to the purchaser's Remarks IFS Code SBIN0001608 Doon after placement of of material. the valid supporting or goods and service m EMD under MSE olicy. Irchaser, may, for any	
	The bid deposit Account Less the Between Lakhs a b	t Money Deposit: Idder is instructed to submit on slip along with bid at as per EMD slab ment Tender Value an 2.50 Lakhs an 2.50 lakhs to 25.00 Purchaser's Bank Accordance Account Name Director MANIT Bhopal The EMD will be returned and successful bid document for the releptor orders for services Category. Traders are extended to subment of Tender Document of Subment of Tender Document of T	nit EMD in the form to prove the transioned below: EMD F NIL 2% of TenderValu off in nearest in 10 ount details: Bank Name State Bank of India med to the unsuccest der shall get its EMD exemption, evant category. Make are eligible for excluded from the punct: me date submission with initiative or in respect to the content of the punction of	an of DD/FDR/F asfer of payme Rate The rounded DO rupees. A/c No. 10020150107 The saful bidders so a submit anufacturers for exemption from the pure sponse to a clip.	Remarks Remarks IFS Code SBIN0001608 oon after placement of of material. the valid supporting or goods and service m EMD under MSE olicy. archaser, may, for any arification sought by a	

		comigandum will be notified/ published in a tendering website				
		corrigendum will be notified/ published in e-tendering website				
7	Price I	www.eprocure.gov.in/epublish/app and Institute website only.				
/						
	a b	The Prices should be quoted in Indian Rupees only. Purchaser (being a research Institution) is registered with the Department of				
	U	Scientific & Industrial Research (DSIR) for the purpose of availing custom duty				
		exemption in terms of GoI Notification No. 51/96-Customs dated 23 July 1996.				
		The bidder should quote their prices considering the exemption certificate. If				
		any certification needed by bidder, may be given to avail this benefit.				
	С	Bidder shall take into account all costs including unloading at the location of				
		purchaser, cartage etc. for giving delivery of material at site(s) before quoting				
		the rates. In this regard no claim what so ever shall be entertained.				
	d	The bidders are advised not to indicate any separate discount. Discount, if any,				
		should be merged with the quoted unit prices.				
	e	The price quoted in price bid shall be firm but subject to change in rate of				
		applicable taxes if any.				
	f	The Bidder should avoid the use of vague term such as "Extra as applicable".				
		Such offers shall be treated as non-responsive.				
	g	No extra payment shall be paid on account of any discrepancy in nomenclature				
		of items. The bidder shall seek clarifications if any before submitting the tender.				
8	Bid Su	bmission:				
		The bidder is instructed to give their offline offer through two bid system				
		(technical bid and financial bid in separate envelope) for this tender. The tender				
		must be placed in a properly sealed envelope super-scribed "Tender for the				
		Supply of "2 DOF Helicopter Workstation" with tender inquiry number and				
		its due date addressed to The Director, Maulana Azad National Institute of				
		Technology- Bhopal- 462003 and must reach the office of The Assistant				
		Registrar- Stores & Purchase, Maulana Azad National Institute of Technology, Bhopalon or before as mentioned at IMPORTANT INFORMATION AT GLANCE				
		sheet. The sealed Envelop should be consisting of followings:				
	a	Copy of Certificate of Registration of firm, GST Number and Income Tax PAN.				
	b	Copy of Purchase Order (PO) received from government shall be attached.				
	c	The Earnest Money Deposition Slip/Proof of payment. If any				
	d	Certificate mentioning of Turnover for the last year and OEM authorization letter.				
	e	BOQ Annexure-I and Price Bid Annexure-IIduly filled and signed.				
9	Evalua	tion of Bids:				
	The In	stitute may evaluate all the required goods/items in this tender together or				
	indeper	ndent depending upon nature of items & compatibility and compare the				
	quotati	ons determined to be substantially responsive i.e. which				
	a	are properly signed;				
	b	Confirm to the eligibility criteria of the vendor; and				
	С	Confirm to the terms & conditions, and technical specifications.				
	d	In case, required goods/items in this tender are independent and complete in				
		nature. Institute may evaluate independently as far as price is concerned for				
		placing order(s).				
10		y of Tender:				
	a	The tender shall be valid as mentioned at IMPORTANT INFORMATION AT				
		GLANCE sheet. Terms and financial details submitted in the bid shall be treated				
	1	as firm during the validity period.				
	b	In exceptional circumstances, prior to the expiry of the bid validity period, the				

	purchaser may request bidders to extend the period of validity of their bids. The						
1.1	NI - 4° 6° -	request and the responses shall be made in writing. Notification of Award:					
11	a	Prio succ lette cons	Prior to the expiry of the period of bid validity, the purchaser shall notify the successful bidder, in writing, that its bid has been accepted. The notification letter shall specify the sum that the purchaser will pay to the bidder in consideration of the <i>Supply of Goods/ Items</i> with the details of selected location.				
	b	Puro	chase/ Contract order request in advance M of product. In this	e for issuance of l	Purchase/ Contra	act o	order in favour of
12	Perfori	nanc	e Security Deposit	•			
	The b	idder	is required to	o submit Perfor	rmance Securit	y ii	n the form of
	DD/FD	R/R7	TGS/NEFT/BG/Ban	k Deposit after ins	tallation of mate	rial a	along with the bill
	to the I	nstitu	ite as per slab menti	oned below:			
			Contract Value		Rate		PSD Period
			.50 Lakhs	NIL			rranty period plus
		n 2.5	0 lakhs to 25.00	5% of TenderVal		two	month extra
	Lakhs			off in nearest in 1	.00 rupees.		
	a		chaser's Bank Acco				
	-		Account Name	Bank Name	A/c No.		IFS Code
			ctor MANIT Bhopal				SBIN0001608
	b	In case of breach of contract, performance security shall be forfeited and the bidder					
			shall be blacklisted for such period as decided by the competent authority in				
	0		addition to cancellation of order.				
	С		Performance Security shall be returned to the bidder without any interest, whatsoever, after completion warranty period as specified in the tender.				
13	Penalt			tion warranty perio	a as specifica in	tiic to	chacr.
	a The bidder shall indicate the period within which the ordered quantity will be supplied along with Installation & Commissioning of Goods/ Items. The bidder shall note that in case bidder fails to do so within the period of delivery indicated by the bidder in price bid of this tender, penalty @ 0.50 % on total value of the PO per week of delay would be levied subject to maximum 20 weeks. It means, the bidder shall have the liability of delayed supply to the maximum of 20 weeks after expiry of scheduled delivery date.						
14	Terms	of Pa	ayment:				
	a		Payment shall be allation of Goods/ It		days by purcha	aser	after supply and
15	Jurisdi	ction	1:				
	a		he event of any disp Bhopal court only.	ute the legal matte	er shall be subject	cted	to the jurisdiction
16	Details		ontact Persons for Q	uery if any			
Nam	ie		Dr Suryakant Gauta	am	Dr R.M. Yadav	7	
	gnation		Assistant Professo		Superintender		
Tel N			9780894250		78693-01955		
Ema						it.ac.	

eksykuk vktkn jk"Vh; çk"| ksxdh | kFkku] Hksiky

Maulana Azad National Institute of Technology Bhopal

	Lkkexh dhek=k,o;fooj.k		
	BILL OF QUANTITY AND SPECIFICATION		
SN	Name of Product/ Items	Qty	Remarks
	Item Title: 2 DOF Helicopter Workstation	01	
	• Elevation Angle Range: Approx. 120° (±60° from horizontal) in half-quadrotor configuration		
	• Pitch Angle Range: ±45° (total 90° from horizontal)		
	Yaw Angle Range: Continuous 360° rotation		
	Pitch Encoder Resolution: 2500–3000 counts/revolution		
	Yaw Encoder Resolution:> 4000 counts/revolution		
	• Propeller Thrust Constant: $\sim 5 \times 10^- \square \text{ N} \cdot \text{s/rad}$		
	• Inertial Thrust Constant: ~0.04 Nm/A		
	• Torque Constant (Pitch/Yaw): 55–60 Nm/A		
	• Inertial Measurement Unit (IMU): IIM-42652 Compact 6- Axis MEMS (3-axis gyroscope + 3-axis accelerometer)		
	• Tri-axis Gyroscope Range: ±400 to ±500 dps		
	• Tri-axis Accelerometer Range: ±1.5 g		
	• Computing Interface: USB 2.0		
	Software Compatibility: MATLAB®/Simulink® (fully documented system models and parameters)		
	Workstation must include:		
	• 2 DOF Helicopter Plant with reconfigurable setup (1 DOF, 2		
	DOF, half-quadrotor)		
	• Interface Panel (USB 2.0)		
	Real-Time Control Software for MATLAB/Simulink with		

open-architecture design

• Instructor and Student Manuals with complete curriculum coverage

Curriculum Must Covered:

- System Modeling and Dynamics
- Control System Analysis
- Classical and Modern Control Design
- Advanced Control Strategies
- Research Applications

Warranty:

• **Manufacturer Warranty:** 12 months & must be applicable from the date of installation and commissioning.

Installation & Commissioning:

- Standard installation scope must include setting up and demonstrating standard functioning of the OEM-supplied equipment.
- The machine must be installed within one month from the date of delivery at the campus to avoid deterioration in storage.
- Local remote support shall be available during Indian office hours.

Note: Drawing/ Design is enclosed	osed herewith.				
We confirm with our acceptance to the technical specifications with note as given above					
Date:		BIDDER'S NAME & SIGNATURE WITH SEAL			

	ANNEXURE-	II		
FORMAT FOR SUBMITTION OF BID PRICE				
To, The Director MANIT- Bhopal- 462 003				

Sub:	Tender Document No. MANIT/ECE/2025:09, Date: 03/11/2025
------	---

SN	Product Description with make & Model	Discounted unit price	Qty	Qty Price	GST	Total Price	
1	2	3	4	5	6	7(5+6)	
1	2 DOF Helicopter Workstation		01				
	Total offered Price						
Total	Total (In Words):						
Deliv	Delivery Period required:						
The 1	The followings things are confirmed and undertake by us that:						
a	The price quoted above are inclusive of basic price, statutory levies and taxes, duties,						
	Transportation, Inciden	Transportation, Incidental services (including Insurance, Loading/ unloading, Packing					
	& Forwarding charges,	& Forwarding charges, Installation etc.) at site.					
b	Taxes are subject to cha	ange/ revision.					
С	We agree with the terr selected, the execution					to Bidders" and if	

Date:		Signature of Authorized Bidder with proper rubber stamp
	Name:	
	Designation:	
	Mobile No:	