



Devi Ahilya Vishwavidyalaya

(Grade "A*" University, accredited by NAAC)

Institute of Engineering & Technology

Khandwa Road, Indore-452 017

Telephone : 91-731-2764385

Website : www.dauniv.ac.in, www.ietaavv.edu.in

IET/DAVV/2025-26/IET (SAE eBAJA 2026) competition/681

Date 26/12/2025

CLOSE TENDER ENQUIRY

To,

Closed tender enquiry for the department of IET- (SAE eBAJA 2026) competition 2026

Dear Sir,

Please quote your least prices for the item with the specifications as given under in a closed sealed envelope latest by 01/01/2026 at 5 PM.

Item Name: Constant Mesh Two Stage reduction Gearbox compatible for All Terrain Vehicle (AWD) participating in mBAJA 2026 and eBAJA 2026 competitions. The Required Specifications are as follows.

Gearbox	Gearbox Type	Constant-mesh 2 stage reduction gearbox for AWD	OUTPUT	Output 1	Alto tripod joint integrated with output gear
	Overall ratio	7.65		Output shaft	Tripod joint with 50mm minimum plunge depth
	Ratio stage 1	2.5		Output shaft length	167 mm
	Ratio stage 2	3.05		Output 2	Bevel Pair from Intermediate Shaft
GEARS	Gear pressure angle	20°	HOUSING	Bevel pair ratio	1
	Gear module	2.75 or 3		Gear housing	Aluminium casing for gearbox with openings for input, output and bevel shafts
	Gear face width	22 mm approx		Bevel housing	Transfer case bolted to gearbox housing with opening for bevel shaft
	Gear teeth profile	Involute Full Depth		Housing material	Al6061-T6
	Gears & Gear shaft Material	20MnCr5		Housing thickness	5 mm
INPUT	Input	From engine through CVT		Housing sealing	Rubber gasket/oil seals
	Input shaft	19 MM diameter with 5x5 key slot		Transfer Case inclination	10° with Horizontal
	Input pair inclination	45° with Horizontal		Casing mounting points	Min 8 Points
	Input shaft length	175 mm		Gear oil inlet and outlet	Different ports for fill and drain
			MISC.	Gearbox weight	<8 kg

In case of any query please contact Mr. Akhilesh Lodwal, Asst. Prof. (MED), IET DAVV, during office hours.

Please quote reference as above our terms & conditions are given overleaf. You have to supply order within 7 days once purchase order placed to you.

Yours Sincerely,

In-charge, Purchase



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Terms & conditions

The tender should go through the conditions, laid in the tender form carefully and submit the quotations per condition, laid deviation, if any, be clearly stated. Please also mention the net price inclusive of all taxes and other levies for the purpose comparison.

1. Sealed tenders subject to the under mentioned terms and conditions are invited for purchase of items listed overleaf your tender which must reach this office on or before the date shown overleaf. Tender received after due date will not be considered. Please write Institute's reference no & date on the sealed envelope.

2 The rates quoted should be firm and inclusive of all charges for delivery F.O.R. Institute inclusive of packing and forwarding etc.

3 No overwriting be done on the rates and units. The rates should always be quoted in both figures and words and correction if any must be signed by the Vendor (Authorized Signatory).

4 No claim for any tax or duty, not stipulated in the tender will be admitted at any stage.

5 Tenders may be accepted in part or in full or may be summarily rejected without assigning any reason.

6 Unless otherwise stipulated the tender will be valid for 90 days from the due date of opening the tender.

7 In case of dispute, the decision of the Institute shall be final.

8 The payment shall normally be made within 10-14 days, after satisfactory receipt/installation/ demonstration of the good as per the specification laid in the quotation and pre-audit by RSA. In some cases 90% payment is made through back against the inspection of the equipment at one of the either sites. Incase inspection is made at vendor's site the TA/DA shall be borne by the vendor rest 10% will be released after testing and successful installation of the item.

9 Along with quotation kindly Submit following. Information with documentary proof for e-payment;

a) Name of firm.

b) Name of Bank.

c) Account number of firm.

d) IFSC code of bank

e) Name of Bank Branch.

f) Address of firm. g) PAN Card of firm.

h) Phone no/Mobile no. of firm/Contract Person.

10 Clarification, if any, be sought from the institute before submitting the tender.