

Thapar Technology Campus, Bhadson Road
Patiala-147004, Punjab India
Phone: +91 175 2393869, 70
Email: pushap.raj@thapar.edu; atul.gupta@thapar.edu
URL: Thapar.edu

Enquiry No. TIET/CS/AG/20-21/20333
Date : Jan 27, 2021

Sub: Request for Quotation(s) for the Supply of MX-28T Robot Actuator (Motor)

Dear Sir,

We shall be grateful if you kindly let us have your lowest quotations for the following materials. THE QUOTATIONS SHOULD REACH THE UNDERSIGNED LATEST BY 3/2/2021 through courier or e-mail accompanied by appropriate illustrative literature/catalogues/pamphlets/technical details, samples and specifications as the case may be. On the quotation envelope/ subject the Enquiry Number & Date should be mentioned on the top of the Envelope/mail subject.

Sr. No.	Item Name	Qty.
1.	MX- 28T Robot Actuator (Motor) Make: Dynamixel Specificatoin Sheet Attached Note: Kindly send the technical & commercial quotes separately. Single quote will not be entertained.	7 Nos.

The offer sent by you must furnish the following details:

- | | |
|---|---|
| 1. Name, Make & specifications of each item. | 6. Delivery FOR Central Stores TIET. Patiala |
| 2. Price Breakup itemwise with MRP.
(Treat it mandatory) | 7. Insurance, Freight & other charges if any. |
| 3. Educational discount if any. | 8. Minimum Delivery Period. |
| 4. Validity of quotation should be at least 60 Days. | 9. Payment terms. Net 30 days against delivery & satisfactory installation at Thapar Institute, Patiala |
| 5. GST % | 10. Guarantee / Warranty Information. |
| | 11. Also please share your Companies Turnover and Market Share along with the offer. |

Regards,

Head Commercial

Sl. No.	Item(s) Comprehensive Specification	Qty.	
1.	MX-28T Dynamixel Actuator (Motor)	7	

Operating Voltage	12V
Stall Torque*	25.5 kg·cm 354 oz·in 2.5 N.m
No-load Speed	55 RPM
Weight	72g
Size	35.6 x 50.6 x 35.5 mm
Resolution	0.088°
Reduction Ratio	193 : 1
Operating Angle	0° ~ 360° or Continuous Turn
Max Current	1.4A @ 12V
Standby Current	100 mA
Operating Temp	-5°C ~ 80°C
Protocol	TTL Asynchronous Serial
Module Limit	254 valid addresses
Com Speed	8000bps ~ 3Mbps
Position Feedback	Yes
Temp Feedback	Yes
Load Voltage Feedback	Yes
Input Voltage Feedback	Yes
Compliance/PID	Yes
Material	Metal Gears & Engineering Plastic Body
Motor	Maxon RE-MAX
Manual Download	MX-28 manual
Controller List	<u>ArbotiX</u> <u>ROBOTIS CM-530</u> <u>ROBOTIS USB2DYNAMIXEL</u> <u>ROBOTIS CM-700</u> <u>ROBOTIS Open CM 9</u>