

INSTITUTE OF RADIO PHYSICS AND ELECTRONICS

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TENDER NOTICE

Ref. EQ/AHR/42/18-19

Date: 21st February, 2019

Quotations are invited from authorized vendors for supplying the undernoted item for the project entitled “**Providing limbic support to a partially paralytic person by generating movement to his/her paralytic hand by imitating the gesture of the other healthy hand and also develop ‘Sensation of touch’ to it**”, funded by SERB, Govt. of India, under Dr. Anisha Halder Roy, Radio Physics and Electronics Department, University of Calcutta. Suppliers are hereby requested to submit their quotations including documents of their current Trade License, GST, Service Tax, Registration Certificate, PAN, within 7 days from the publication of this notice in a sealed envelope addressed to the undersigned.

Sr. No	Item	Quantity																																		
1.	<p><u>Hitech HS-1100WP Ultra-Heavy Duty, Giant, Waterproof Servo</u></p> <p>Specification:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Operating Voltage Range (DC)</td> <td style="text-align: center;">11.1V – 14.8 V</td> </tr> <tr> <td>Speed (Second @60)</td> <td style="text-align: center;">.26 - .19</td> </tr> <tr> <td>Maximum Torque Range Kg/cm</td> <td style="text-align: center;">84 - 110</td> </tr> <tr> <td>No Load Operating Current Draw</td> <td style="text-align: center;">1,300 mA</td> </tr> <tr> <td>Stall Current Draw</td> <td style="text-align: center;">6,500 mA</td> </tr> <tr> <td>Dead Band Width</td> <td style="text-align: center;">2 μs</td> </tr> <tr> <td>Dimensions (Inches)</td> <td style="text-align: center;">2.52 x 1.30 x 2.87</td> </tr> <tr> <td>Dimensions (Metric)</td> <td style="text-align: center;">64.0 x 33.0 x 73.0</td> </tr> <tr> <td>Weight (Ounces)</td> <td style="text-align: center;">12.80</td> </tr> <tr> <td>Weight (Gram)</td> <td style="text-align: center;">363.0</td> </tr> <tr> <td>Motor Type</td> <td style="text-align: center;">5 Poles Cored Metal Brushless</td> </tr> <tr> <td>Gear Material</td> <td style="text-align: center;">Steel</td> </tr> <tr> <td>Bearing Type</td> <td style="text-align: center;">Quad Ball Bearing</td> </tr> <tr> <td>Output Shaft (type / Ømm)</td> <td style="text-align: center;">Mega 15</td> </tr> <tr> <td>Case Material</td> <td style="text-align: center;">CNC Aluminum</td> </tr> <tr> <td>Dust / Water Resistance</td> <td style="text-align: center;">IP 67</td> </tr> <tr> <td>Connector Gauge (AWG) / Strand Count</td> <td style="text-align: center;">20 / 80</td> </tr> </table>	Operating Voltage Range (DC)	11.1V – 14.8 V	Speed (Second @60)	.26 - .19	Maximum Torque Range Kg/cm	84 - 110	No Load Operating Current Draw	1,300 mA	Stall Current Draw	6,500 mA	Dead Band Width	2 μs	Dimensions (Inches)	2.52 x 1.30 x 2.87	Dimensions (Metric)	64.0 x 33.0 x 73.0	Weight (Ounces)	12.80	Weight (Gram)	363.0	Motor Type	5 Poles Cored Metal Brushless	Gear Material	Steel	Bearing Type	Quad Ball Bearing	Output Shaft (type / Ømm)	Mega 15	Case Material	CNC Aluminum	Dust / Water Resistance	IP 67	Connector Gauge (AWG) / Strand Count	20 / 80	2 no.
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Anisha Halder Roy
(Anisha Halder Roy)
Principal Investigator

Principal-Investigator
***Providing Limbic Support to Partially.....**
Sensatio of Touch*to it
SERB, DST, Govt. of India