


### Urgent - Expression of Interest for Indigenisation

Sl. No.	Name / Address of Unit	Nodal Officer	Category of item/ LRU	Name of system/LRU	Description	Photo	Last Date for submission of RFP	Projected Requirement (for five years)
1	Overhaul Division Hindustan Aeronautics Limited PB No: 1786 Bangalore - 560017	Name: Mr. Shivashankar Designation: DGM (DLE) Address: Overhaul Division, HAL, PB No. 1786, Vimanapura., Bangalore- 560017 Phone: 080-22321468 Mob: 9482259063 Email: offdle.ohl@hal-india.com	Electrical (KIRAN PROJECT)	High Energy Ignition Unit P/no. C44TS/1 (or C44TS/4)	<p>This unit is used for starting Jet engines of aircraft. Initially operates from aircraft battery/power supply. Input voltage is 16 to 32 V DC, each discharge produces energy of 6 joules across the spark plug. Shall provide minimum rate of 120 discharges per minute at 20 volts nominal DC.</p> <p><b>SPECIFICATIONS:</b></p> <p>1) INPUT VOLTAGE : 16-32VDC                  2) INPUT CURRENT AT 24V DC(Approx.): 2A Max                  3) OUTPUT VOLTAGE : 1.9 to 2.1 KV                  4) Storage Energy per discharge : 6 Joules                  5) Duration of Each discharge : 20 microseconds approx.                  6) Minimum frequency of discharge/min                  a. On 20 V DC input : 120 sparks                  b. On 16 V DC input : 102 sparks approx ( 85% of 'a')                  c. On 24 V DC input : 130 sparks approx. (108% of 'a')                  d. On 28 V DC input : 135 sparks approx. (113% of 'a')                  7) Weight : 2 Kg approx.</p>		<b>5th May 2018</b>	<b>40</b>