



# GOVERNMENT ENGINEERING COLLEGE

(Dept. of Technical Education, Govt. of Gujarat)  
Mavadi Kankot Road, Near Krishnanagar - Rajkot

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सत्यमेव जयते

No: GECR /2018/SSIP/MECH 03/ 1451

Date: 30/11/2018

To

## INQUIRIES

Subj.: Quotation of Items required for SSIP PoC/Prototype Making Project MECH 03: (As per Annexure attached).

Sir,

I request you to send your valued QUOTATION for the items mentioned in the statement enclosed (where necessary), with this letter. The following **Conditions** should be complied within your quotation and failure to which will render your quotation liable to rejection.

The quotation should be sent in a **sealed cover**. Outside the cover it should be clearly written **Quotation for SSIP PoC/Prototype Making Project MECH 03: Last date 21/12/2018**. If this writing is not shown outside the cover, the cover is likely to be opened earlier and be rejected.

1. The last date for receiving the quotation is **21/12/2018**, and the quotations will be opened at **16.00 hrs** on **27/12/2018**. You may remain present at the time and date of opening, if you so desire.
2. Your rates should be strictly **F.O.R. Institute, giving bifurcation of base price and applicable taxes**. The delivery and installation of items should be at Government Engineering College, Mavadi-Kankot road, Near Krishna Nagar, Rajkot.
3. The specifications of each item quoted should be completely described in the quotation. These specifications should be the same as those given in the statement enclosed herewith. In case you are unable to quote for one or more item/s, exactly as per the specifications of the tender/inquiry, you may quote for the item/s having identical or nearest resembling specifications stating respectively in accordance with specifications of the item offered by you differs with those prescribed by us.
4. Rate must be quoted in specified units mentioned in the tender/quotation form.
5. Conditional tender will not be accepted.
6. Quotation must be on letter pad and duly signed and stamped otherwise quotation will be rejected.
7. The validity period for the quotation should be at least 3 (three) months or more from the date of opening of tender/quotation. Tender/Quotation once submitted shall remain final and irrevocable.
8. Items should be given in same serial number in the quotations as given in the tender form.
9. The inspection of the materials for approving them will be done only after the receipt of the goods by this Institution. Payment will be made only after the receipt of totally ordered acceptable items. Every effort will be made to make payment at an earliest, but in no circumstances any offer of discount for early payment will be accepted and any such offer of discount shall mean that you desire to give the said discount, and the said discount will be deducted from your bill under all circumstances.

10. Goods/Articles ordered are not receivable by retrieving documents through bank as no Security Deposits or Earnest Money Deposit are taken from the bidders nor the inspection of goods is carried out prior to the dispatch.
11. This Office reserves the right to accept or reject any or all quotation/s without assigning any reason.
12. You may please note that you have to quote only those items which are ready in your stock and the delivery can be made within 28 days.

Encl: 1 Sheet

Yours faithfully,



PRINCIPAL,  
GOVT. ENGINEERING COLLEGE,  
RAJROT.

ANNEXURE - I

SR NO.	COMPONENT	SPECIFICATION	Quantity required
1	Raspberry pi3 B+	Chip Broadcom BCM2835 SoC Core architecture ARM11 CPU 700 MHz Low Power ARM1176JZFS Applications Processor GPU Dual Core VideoCore IV® Multimedia Co-Processor Provides Open GL ES 2.0, hardware-accelerated OpenVG, and 1080p30 H.264 high-profile decode Capable of 1Gpixel/s, 1.5Gtexel/s or 24GFLOPs with texture filtering and DMA infrastructure Memory 512MB SDRAM Operating System Boots from Micro SD card, running a version of the Linux operating system Dimensions 85 x 56 x 17mm Power Micro USB socket 5V, 2A	1
2	Pi camera with night vision	Specifications: CCD size : 1/4inch Aperture (F) : 2.9 Focal Length : 3.29MM Diagonal : 72.4 degree Sensor best resolution : 1080p Ideal imaging distance: 3mtr Dimensions: 25x24x6 (MM) Package Includes: 1x RPi Camera (E) 2x Infrared LED Board 1x 15-pin FFC	1
3	Stepper motor	Mosaic Part No.: STEPMOT-1 Manufacturer Part No.: 42BYG228 Size: NEMA 17 Drive system: Unipolar Step angle: 1.8° full step 0.9° half-step Phase/Windings: 4/2 Voltage & Current: 12V at 400 mA Resistance per Phase: 30 ohms Inductance per Phase: 23 mH Holding Torque: 2000 g-cm Detent Torque: 220 g-cm max Weight: 0.24 kg (0.5 lbs.) Max continuous power: 5 W Rotor Inertia: 22 g-cm Bearings: Ball Leads: 18 in. 26 AWG UL 1007 Insulation resistance: >100 MΩ at 500VDC Dielectric strength: 500V 50Hz/minute Mounting hole space diagonal: 1.73 in. Mounting screws: 3 mm dia. 0.5 mm pitch Shaft diameter: 0.197 in. (5 mm) Motor footprint: 1.7 in. × 1.7 in. Motor height: 1.5 in. Ambient temperature: -10°C to +55°C	2
4	Motor driver circuit	Brand Name Robodo Electronics EAN 0702535831295 Item Weight 30.0 grams Manufacturer Series Number L298 Part Number L298 UPC 702535831295	1
5	voltage control circuit	output 5V	1

*[Signature]*  
Signature of Mentor

*[Signature]*  
Signature of Head of Department