



GOVERNMENT ENGINEERING COLLEGE

(Dept. of Technical Education, Govt. of Gujarat)
Mavdi Kankot Road, Near Krishnanagar - Rajkot
email :- gec_raj_2004@yahoo.co.in Ph.9978287873



सत्यमेव जयते

No: GECR /Stores/SSIP /2018-19/CE/26-40/Hardware-Projects/PDM 11632

Date: 2/1/2019

To

INQUIRIES

Subj.: Quotation for Project no 26-40 (spec. as per Annexure-1).

Sir,

I have to request you to sent 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 at the institute address**. The quotations by email will not be accepted. Outside the cover it should be clearly written **Quotation of Project name and Inquiry Number**. If this writing is not shown outside the cover, the cover is likely to be opened earlier and be rejected. The details of Inquiry is as under.

Quotation for(Project Name)	Last Date and time for quotation receive	Quotation Validity Period	Delivery Period(Days)	Remarks if any
CE Department projects 26-40 – Hardware Projects	23/01/2019	90 Days	15 Days	

1. The quotations will be opened at **15.30 hrs** on **24/01/2019**. 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, inclusive of all taxes, GST**. In case of Sales Tax, we shall furnish the tax exemption "P" or "D" form, as and when necessary (and if required), as the case may be. This being a Govt. Institute you are allowed to charge the sales tax as per the norms laid-down by the Central/State Govt.
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. 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.
7. Items should be given in same serial number in the quotations as given in the tender form.
8. 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.
9. 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.
10. This Office reserves the right to accept or reject any or all quotation/s without assigning any reason.
11. The name of project and name of supplier must be mentioned on the cover of the quotation The covers without mentioning of the project name will not be considered.
12. The rate of items/services must be mentioned as per annexure-R attached here with and the quotation must be on letterhead and duly signed and stamped by authority otherwise will be rejected.
13. Incomplete quotation in any manner will be rejected without any intimation.
14. You have to quote only one rate of the item more than one rate will result in rejection of quotation.
15. Liquidated Damages: If the Seller fails to deliver any or all of the Goods/Services within the original/re-fixed delivery period(s) specified in the purchase order, the Authority will be entitled to deduct/recover the Liquidated Damages for the delay, @ 0.5% per week or part of the week of delayed period not exceeding 10% of the contract value without any controversy/dispute of any sort whatsoever.

Yours faithfully,

Encl: Annexure-I, Annexure-II, Annexure (R)


PRINCIPAL,
GOVT. ENGINEERING COLLEGE,
RAJKOT.

Annexure – I


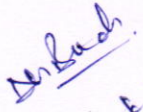
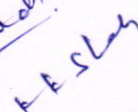
Name of Project :

Specification for Items/Services:

Sr. No.	Name of Item/Services	Specification of Item/Services	Quantity	Delivery Period
1	Raspberry Pi zero w	The Raspberry Pi Zero W extends the Pi Zero family. Launched at the end of February 2017, the Pi Zero W has all the functionality of the original Pi Zero, but comes with with added connectivity, consisting of: 802.11 b/g/n wireless LAN,Bluetooth 4.1,Bluetooth Low Energy (BLE),1GHz, single-core CPU, 512MB RAM,Mini HDMI and USB On-The-Go ports,Micro USB power,HAT-compatible 40-pin header,Composite video and reset headers,CSI camera connector	1	15 Days
2	Raspberry Pi 3B+	Broadcom BCM2837B0, Cortex-A53 (ARMv8) 64-bit SoC @ 1.4GHz 1GB LPDDR2 SDRAM, IEEE 802.11.b/g/n/ac wireless LAN, Bluetooth 4.2, BLE, Extended 40-pin GPIO header, Full-size HDMI, 4 USB 2.0 ports	3	15 Days
3	Relay card 4 Channel 5V	5V 4-Channel relay board controlled directly by micro-controller (Arduino, 8051, AVR, PIC, DSP, ARM, MSP430, TTL logic) need 50-60mA driver current	1	15 Days
4	Bread Board		3	15 Days
5	Power Adapter	5V, 2A	3	15 Days



J.D. Shw
K. K. Shw

6	Flick Zero	<p>Kit contains: 1 Flick Zero, 8 Plastic bolts, 4 Plastic spacers, 3 Stickers</p> <p>2 Info card, Technical Details: Chip: MGC3130 3D Tracking and Gesture Controller, Detection range: 0 to 15 cm in ideal circumstances, Temperature Range: -20? to +85?, Position Rate: 200 positions/sec</p> <p>Spatial Resolution: up to 150 dpi, Proximity and Touch Sensing</p> <p>Flick Large has a red/green dual colour LED that can be driven using pins LED1 and LED2, Flick Large has level shifting on board so can work with any microcontroller with either 5V or 3V3 power and data signals</p> <p>Compatible with the Hillstar Development Kit over USB on PC in order to use with a computer or to program new firmware onto the board.</p> <p>Available gestures: Swipe (east to west, west to east, north to south, south to north), tap and double tap (center, east, west, north, south), airwheel (clockwise, anti-clockwise) and touch (center, east, west, north, south), Works even through the Flick Large case, No detection blind spots, Low power design</p>	1	15 Days
7	L 298N Motor Driver Module	<ul style="list-style-type: none"> • The L298N driver module, Using • ST'S L298N chip can directly drive • Two 3-30v DC motor, And • provide a 5v output interface can 5v • Single-chip circuitry to supply, • Support 3.3V MCU control. 	1	15 Days
8	8GB Memory Card	Class 10, 8GB Memory Card	2	15 Days
9	Stepper Motor	Stepper Motor	3	15 Days
10	R307 Fingerprint Scanner	Optical Finger Print Sensor	1	15 Days
11	Raspberry Pi Camera Module	The Raspberry Pi Camera Module v2, Sony IMX219 8-megapixel sensor, supports 1080p30, 720p60 and VGA90 video modes, as well as still capture, 15cm ribbon cable to the CSI port on the Raspberry Pi	1	15 Days
12	Power Adapter 5V / 2.8 A	5V, 2.8 A	1	15 Days
13	Memory Card (32 GB)	Class 10, 32GB	1	15 Days

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14	16 X 2 LCD JHD 162A	LCD display module with Yellow Backlight SIZE : 20x4 (2 Rows and 16 Characters Per Row) Built-in industry standard HD44780 equivalent LCD controller Commonly Used in: Student Project, Collage, copiers, fax machines, laser printers, industrial test equipment, networking equipment such as routers and storage devices Operate with 5V DC LCD type: Characters	1	15 Days
15	PA2303 USB to RS232 TTL Converter Adapter	USB to TTL TTL to USB Adopt imported controller PL2303HX, which can stabilize the flash with high speed, 500mA self recovery fuse for protection	1	15 Days
16	RJ 45 Ethernet Cat 6 Cable (2 mtr)	RJ 45 Ethernet Cable - 2 Meter	1	15 Days
17	Wireless Finger Print Scanner	Wireless Finger Print Scanner with Wifi and USB Connectivity, Windows and Android OS Support, Resolution Equal or Above 500 dpi, Built in Battery upto 8 hours standby	1	15 Days
18	UNO R3 Arduino AT Mega 328P with USB Cable	CPU :- 8-bit AVR Number of Pins :- 28 Operating Voltage (V) :- +1.8 V TO +5.5V Communication Interface :- Master/Slave SPI Serial Interface(17,18,19 PINS) Programmable Serial USART(2,3 PINS) [Can be used for programming this controller] Two-wire Serial Interface(27,28 PINS)[Can be used to connect peripheral devices like Servos, sensors and memory devices] ADC Module 6channels :- 10-bit resolution ADC PWM channels :- 6 Internal Oscillator :- 8MHz Calibrated Internal Oscillator Program Memory Type :- Flash Program Memory :- 32Kbytes[10000 write/erase cycles] CPU Speed :- 1MIPS for 1MHz RAM :- 2Kbytes Internal SRAM EEPROM :- 1Kbytes EEPROM	1	15 Days
19	Jumper Wires	Male to Male, Male to Female, Female to Female	1	15 Days


 Mr. Bach
 H. S. S. S.

20	HC - 05 Bluetooth Module	<ul style="list-style-type: none"> • Profiles: Bluetooth Serial port Profile • Bluetooth protocol: Bluetooth Specification v2.0+EDR • Frequency: 2.4GHz ISM band, Modulation: GFSK(Gaussian frequency shift keying) • Emission Power: $\leq 4\text{dBm}$, class 2, Sensitivity: $\leq -84\text{dBm}$ at 0.1% BER • Speed: Asynchronous: 2.1Mbps(Max)/160kbps, Synchronous: 1 Mbps/1 Mbps • Security: Authentication and encryption • Power supply: +3.3V DC 50mA • Working temperature: $-20 \sim +75\text{centigrade}$ • Dimension: 26.9mm * 2.2mm 	1	15 Days
21	TCS3200 Color Recognition Sensor Detector Module	Power: 2.7V to 5.5V Size: 28.4 x 28.4mm (1.12 x 1.12") Interface: digital TTL High-resolution conversion of light intensity to frequency Programmable color and full-scale output frequency Communicates directly to microcontroller	1	15 Days
22	Rechargeable Battery	Lipo Battery, 3.7V, 450 mAh	1	15 Days
23	Memory Card 16GB (Class 10)	Class 10, 16 GB	1	15 Days
24	Raspberry Pi Case	Acrylic case with necessary slots for HDMI wires, power supply, SD Card and other connectors	3	15 Days
25	Raspberry Pi NoIR Camera Module V2	The Raspberry Pi Camera Module v2, Sony IMX219 8-megapixel sensor, supports 1080p30, 720p60 and VGA90 video modes, as well as still capture, 15cm ribbon cable to the CSI port on the Raspberry Pi	1	15 Days
26	PIR Sensor	HC SR 501	1	15 Days
27	Jumper Cables		30	15 Days
28	Adafruit AMG8833 IR thermal Camera Breakout	Interface: I ² C Sensing Range: $0^{\circ}\text{C} \sim 80^{\circ}\text{C}$ Sensitivity: $\pm 2.5^{\circ}\text{C}$ Sensor Type: Motion, Thermoelectric, PIR (Passive Infrared)	1	15 Days
29	T- Cobbler	Pin Spacing: 2.55mm (0.1in), Breadboard Pin Row Width: 15mm	1	15 Days

Mentor

Handwritten signatures:
 T. D. Dash
 Anurag
 H. S. Loh

Handwritten signature:
 Chitrag S. Thakur
 Head of Dept.

Annexure-R

Please find Rate of the item/Services as specified in inquiry of _____(Project Name)_____ vide inquiry number _____ as in below Table. The quoted rates are with acceptance of all the terms/conditions mentioned in the inquiry letter.

[illegible]

Sign and Stamp of the supplier

Note : The rates must be in the specified format as above and must be quoted on letterhead duly signed and stamped. The quotation with partial information/details will be liable for rejection.