



केंद्रीयविद्यालयएनएडीआलुवा

Kendriya Vidyalaya NAD, Aluva

एचएमटीकोलनीपोस्ट, कलमशेरि 683503 -

H.M.T.COLONY P.O, KALAMASSERY-683503

Tel: 0484-2532860 Fax: 0484-2558660

Email: kynadaluva@gmail.com, website: www.kynadaluva.gov.in

F.No./Comp/2017-18

Date: 26/12/2017

To

Sub: "Invitation for Quotations for supply of equipments for Atal Lab

Sir/Madam,

The Kendriya Vidyalaya Sangathan, a centrally funded Autonomous Body, is a Society registered under Societies' Registration Act, 1860. The Sangathan administers the Scheme of Kendriya Vidyalayas set up for imparting education to the children of transferable Central Govt. Employees.

1. Sealed competitive quotation from the Registered Firms/ Contractors is invited by the undersigned on behalf of the Kendriya Vidyalaya NAD Aluva for supply of the following items:

Sl.No	Particulars		Specifications	Qty	Rate
	Name				
1	Arduino Nano v3	USB Programmable		5	
2	Raspberry Pi 3	RASPBERRY PI 3 MODEL B		5	
3	Linear Voltage Regulator	7805 - TO220 Package		30	
4		7812 - TO220 Package		30	
5		7809 - TO220 Package		30	
6	Water Pump module	DC12V 3W Submersible		1	
7	Piezoelectric Plate		Normal Cu based 2.5cm Diameter approx	20	
8	8*8 LED Matrix Module		Max7219 Dot LED Matrix Module Mcu Control LED Display Module	5	
9	Bluetooth	HC 05 Working voltage 5v		10	
10	7 Segment Led Display		LED 4-Digit Display Module w/ Clock Point / 4-Pin Dupont Line for Arduino (20cm)	4	
11	GSM		SIM900A GSM Modem With SMA Antenna (GSM Module) Port Module for Arduino	3	
12	GPS		GY-NEO6MV2 new GPS module	3	
13	Laser Diode		650Nm 6Mm 5V Dc 5Mw Mini Laser Dot Diode Module	10	

14	LDR Module		Photosensitive Ldr Light Sensor Module	30	
15	Keypad		Universal 16 Key Switch Keypad	5	
16	Joy Stick		Joystick Module for Arduino	4	
17	Active Buzzer	small 5 volt		50	
18	Active Buzzer	big 5 volt		30	
19	Motor driver	L293d		5	
20	Sound Playback Module		Voice Board Recording Recorder Playback Module on Board Microphone with Mic Sound Audio Loudspeaker	5	
21	BO Motors With Wheel	Side Shaft BO Motor		12	
22	Node MCU / Wemos D1		WIFI Internet Development Board Module Node MCU	5	
23	Vibrating Motor	Vibrating Motor		30	
24	Alligator Connectors		Multi Colour Alligator Connectors	100	
25	Battery clips with DC Jack		9 volt battery clips with DC Jack	20	
26	RGB LEDs		Regular 5mm 3-5 volt Range	100	
27	LEDs (Red)		Regular 5mm 3-5 volt Range	500	
28	LEDs (Green)		Regular 5mm 3-5 volt Range	500	
29	LEDs (Blue)		Regular 5mm 3-5 volt Range	500	
30	Diodes	IN4007 DO-41 (10)		2	
31		3.3v Zener		2	
32		IN4148 DO-41 (10)		2	
33	Push Button Switch	Tactile Switch Micro 2 pin		100	
34	555 timer ic	555 timer ic		50	
35	Atmega16u2		Individual IC (DIP) - DIP \	5	
36	MPR121	Capacitive touch module		10	
37	Capacitive Touch Switch	Capacitive Touch Switch		5	
38	MQ Series	MQ-3 Alcohol - Ethanol Sensor		2	
39		MQ-7 High Sensitivity CO Carbon Monoxide Sensor		2	
40		MQ - 2 Smoke Detection		2	
41		MQ-135 Air Quality Sensor		2	
42	Pulse Rate Heart Sensor		Pulse Rate Sensor Finger Basedwore on the finger orearlobe Working voltage 3-5V	2	
43	Relay Module		5V 10A 2 Channel Relay Module	10	
44	Soil Moisture Sensor		Soil Moisture Detection Humidity Sensor Module	3	
45	Touch Sensor	Capacitive Touch Sensor		3	
46	Metal touch sensor module			3	
47	Rain Drop Sensor		Rain Sensitive , Rain Drop Detection Sensor	3	
48	Flex Sensor	Flex Sensor 2.2 Inches		5	

49	Temperature Sensor	Temperature Sensor Lm35		20	
50	Force Pressure Sensor		force sensitive resistor with sensing area, 1.75x1.5",	2	
51	Color Recognition Sensor		TCS3200 Color Recognition Sensor	2	
52	Water Flow Sensor	Arduino Compatible		1	
53	Sound Sensor		Sound Sensor Module, Microphones module	5	
54	IR Sensors Array for Line Following		IR Sensors Array for Line Following	5	
55	10000 Mh 5 volt Power Bank		10000 Mh 5 volt Power Bank	5	
56	150 RPM BO Motor	150 RPM BO Motor		10	
57	L298 Motor Driver	L298 Motor Driver Shield or relative Driver Shield		5	
58	Servo Motor Tester	CCPM 3 channel Servo Tester		2	
59	Mechanical Construction kit	Modular Kit		4	
60	STEM learning/application Kit	Drone Kit		1	
61		Aerospace Kit		1	
62		Automobile Kit		1	
63		Bio-medical Kit		1	
64		Agri-tech Kit		1	
65		Bio-tech Kit		1	
66		Water Sanitation Kit		1	
		Total Cost of Package 1			
		Package 2: Rapid Prototyping Tools			
	Dedicated UPS/Power back up	1KVA with 2 hours backup		1	
	Filament Storage Box	1 box for all PLAs		1	
		Total Cost of Package 2			
		<u>Package 3: Mechanical, Electrical and Measurement tools</u>			
	Cordless Drill	Cordless Drill with 2 Battery Pack		1	
	Rubber Air Pump Cleaner	Dust Blower		2	
	Drill Bit Set	High Quality 13 Pcs HSS Drill Bits Set For for Wood,Iron, Aluminium, Plastic etc		1	
	File set	6 Inches - 3 types		1	
	Flexible Cutting Mat	A/3 Size With Marked Pattern And Grids (18" X 12")		2	
	Plastic Tool Box with Organizer	For Keeping tools		2	
	PegBoard	Peg board System to mount tools on wall		1	
	Soldering Helping hand			2	
		Total Cost of Package 3			

		<u>Package 4: Construction kit, Power Supply, Consumables, Accessories and Safety Equipment</u>			
	Glue Sticks	11 mm x 200mm Hot Melt Glue Stick		50	
	Nuts and Bolts and screw	Various Size 20 each		20	
	Cable Tie	Small , Medium, Big in pack of 100 each		3	
	Sand Paper	Various Grit: 80-4pcs, 100-4pcs 120-4pcs		12	
	Bulb Holders	Regular Hanging Bulb holder		10	
	Electric Wires	Twisted Red black pair - 20m		1	
	USB to DC jack cable	For Battery bank		10	
	Safety Gloves Pairs	Latex Coating Gloves (Medium Size)		3	
		Total Cost of Package 4			
	1	Total cost of Package 1			
	2	Total cost of Package 2			
	3	Total cost of Package 3			
	4	Total cost of Package 4			
	Total Cost				

Where Bureau of Indian standards (BIS) certification marked goods are available in market, goods with those or equivalent marking only shall be offered

2. Bid Price

(a) The contract shall be for the supply of the mentioned item to the KV NAD Aluva, Kalamassery. The bidder shall quote for items in the format of quotation attached. Corrections, if any, shall

be made by crossing out, initialing, dating and rewriting:

(b) All duties, taxes and other levies payable by the bidder, shall be included in the total price. However, the tax and duties leviable should be quoted separately

(c) The rates quoted by the bidder shall be fixed for the duration of the contract (and shall be quoted in Indian Rupees only);

(d) The prices should be quoted in Indian Rupees only,

(e) Each bidder shall submit only one quotation;

(f) Telex or Facsimile quotations are not acceptable

(h) The firm should enclose supporting documents regarding registration of VAT/ CST/IT/PAN.

3. Validity of quotations

The quotation shall remain valid for a period not less than one year after the deadline specified for submission of quotations.

4. Evaluation of quotations:

The Purchaser will evaluate and compare the quotations determined to be substantially

responsive, i.e., which are:

(a) Properly signed, and (b) conform to the terms and conditions and specifications.

The evaluation would be done for all the items put together. The items for which no rates have been quoted would be treated as zero and the total amount would be computed accordingly. The bidder who has quoted for partial quantity of any one or more item(s) would be treated as non-responsive. Purchaser will award the contract to the responsive bidder whose total cost for all the items put together is the lowest.

5. Award of contract:

(a) The purchaser will award the contract to the bidder whose quotation has been Determined to be substantially responsive and who has offered the lowest price as per para 5 above;

(b) The bidder whose bid is accepted will be notified of the award of the contract by the Office prior to expiration of the quotation validity period;

(c) The Notification of Award to clearly specify any change in the unit price or any other terms and conditions accepted.

(d) Normal commercial warranty/ guarantee shall be applicable to the supplied goods;*May be struck off in case of Registered Bidders.

(e) Payment shall be made within 30 days after the delivery of goods and their acceptance;

(f) Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of the contract.

(g) The successful bidder has to deposit performance security as an amount of **10%** of Total value of goods at the time of executing the supply order in favour of **Principal, Kendriya Vidyalaya NAD Aluva, Kalamassery** in the form of DD.

7. Last date and time of receipt of quotations:

You are requested to submit the sealed quotations by post super scribed on the envelope as "Quotations for the supply of equipments for Atal Lab on 10/01/2018 latest by 12.30 PM. The quotations shall be opened at **KV NAD Aluva** on the same day at 2.00 PM. The bidders or their representatives who choose to be present at the time of opening of quotation are invited to do so. The purchaser looks forward to receiving the quotation and appreciate the interest of the bidders in the KVS.

Your faithfully,

(Mrs.Holy George)
PRINCIPAL