

Tender No. 06/59/2021/GHY/P&S/001

Dated: 25/05/2021

Notice Inviting Tender

NIELIT Guwahati invites sealed tenders in two separate sealed covers (Technical and Commercial offers) from the reputed and experienced firm or manufacturer for supply of SunRobotics Arduino Uno Based Super Starter Kit with Full Learning Guide Including Codes and Tutorials, Generic ESP8266 Nodemcu Esp8266 Lua Amica Wifi Internet of Things Development Board Cp2102 IOT and UNO Smart Robot Car Kit V 3.0. Intelligent and Educational Kit for Kids at the following location:

**NIELIT Guwahati
AFC Campus, Vittiya Bhavan, MD Shah Road
Paltan Bazar, Guwahati-781 008**

The Tender Documents can be viewed and downloaded from the websites <https://eprocure.gov.in/epublish/app>, <https://nielit.gov.in/guwahati>, w.e.f. 25/05/2021 at 5.00 PM onwards. The tender closes on 11/06/2021 at 11.00 AM and will be opened on 11/06/2021 at 12:00 Noon at NIELIT Guwahati, AFC Campus, Vittiya Bhavan MD Shah Road, Paltan Bazar, Guwahati – 781 008. The estimated value of the work is Rs. 1.15 Lakhs.

-Sd/-
Director
NIELIT Guwahati

Tender No. 06/59/2021/GHY/P&S/001

Dated: 25/05/2021

TENDER DOCUMENT FOR SUPPLY OF

**SunRobotics Arduino Uno Based Super Starter Kit with Full Learning Guide
Including Codes and Tutorials, Generic ESP8266 Nodemcu Esp8266 Lua
Amica Wifi Internet of Things Development Board Cp2102 IOT and UNO
Smart Robot Car Kit V 3.0. Intelligent and Educational Kit for Kids**

at

NIELIT GUWAHATI

DOCUMENT CONTROL SHEET

Tender No:	Tender No. 06/59/2021/GHY/P&S/001 Dt: 25/05/2021
Name of Organization	National Institute of Electronics & Information Technology (NIELIT)
Date of Issue/Publishing	25/05/2021
Document Download/Sale Start Date	25/05/2021
Name Of The Work	Supply of SunRobotics Arduino Uno Based Super Starter Kit with Full Learning Guide Including Codes and Tutorials, Generic ESP8266 Nodemcu Esp8266 Lua Amica Wifi Internet of Things Development Board Cp2102 IOT and UNO Smart Robot Car Kit V 3.0. Intelligent and Educational Kit for Kids.
Time Of Completion	30 (Thirty) days from date of issue of order.
Tenders To Be Submitted At	NIELIT Guwahati, Md shah Road, Paltanbazar Guwahati –781 008
Estimated cost	Rs 01.15 Lakhs
Earnest Money Deposit (EMD)	Rs 6260/- EMD in the form of Demand Draft / Banker's Cheque drawn on any nationalized bank in favour of " NIELIT Guwahati " payable at Guwahati . Or through RTGS / internet banking to NIELIT Guwahati Account No. 30011246687 IFSC Code SBIN013247, State Bank of India, Paltanbazar, Guwahati. Proof of remittance of the same is required to submit alongwith the Technical bid
Technical Specifications	ANNEXURE - I
Rate Sheet	ANNEXURE - II
Venue of Opening of Tender	Conference Room, NIELIT Guwahati
Last date of submission of Tender document	11/06/2021 at 11:00 AM.
Date & Time Of Opening Tender	11/06/2021 at 12:00 Noon
Address for Communication	Director, NIELIT Guwahati Md Shah Raod, AFC Buliding Paltanbazar, Guwahati-781008 Email: guwahati@nielit.gov.in

(IN FIRM'S LETTER HEAD)

LETTER OF ACCEPTANCE TO BE SUBMITTED IN THE BID.

To:

The Director
NIELIT Guwahati, Paltanbazar Guwahati – 781 008

Sub: Acceptance of Terms and conditions of tender.

Ref: Tender No. 06/59/2021/GHY/P&S/001

Dated: 25/05/2021

Sir,

Having examined in details of the above tender documents relating to the works and having acquired all the requisite information affecting the tender invited by you, I / We

..... hereby agree to all terms and condition of the contract [as laid down in the tender document(s)]. I/We also agree that the printed term(s) and condition(s) if any at the back of our quotation form and / or any other paper enclosed are not applicable.

I/We undertake to complete the whole works within the period specified in the tender. In this connection we are providing here with the following information.

1. **Firm/company Registration** certificate.
2. **Proof of address** of the tenderer.
3. In case bidder is a Authorised Dealer/ Distributor,
 - a. Proof of Dealership/Distributorship from parent Company.
 - b. Authorization certificate from parent company authorizing participation in the tender.
4. **Annual Turnover** of the last financial year: (Copies of Balance Sheet and IT return enclosed)
5. List of Clients at different states in India for the last 3(three) years along with copies of relevant **work order** and **timely completion certificate**.
6. Details of EMD paid
Amount..... Draft No..... Bank.....
7. GST Registration No..... PAN No.....
(Copy Enclosed)
8. Acceptance of price bid format enclosed.
9. **Affidavit / Power of Attorney** stating the capacity and the authority of the person signing on behalf of the firm enclosed.
10. Any other relevant document.

(Signature with Seal)

(Name & Designation in block letters)

INSTRUCTION REGARDING TENDER

Note: Bidders are requested to note that non-compliance of the following instructions is liable to render their tender being rejected.

1. Bidders should put **endorsement** on each page of the tender documents as token of perusal.
2. The bidder should make no alterations and / or addition to the tender papers. **Only typed/ Printed quotations will be accepted.**
3. The tender should be put in two separate sealed envelopes marked as (A) **“Technical Bid”** and (B) **“Commercial Bid”** and both be placed inside a single sealed envelope super scribing Tender Reference No. and date of this tender notice and EMD details. Along with all desired documents, EMD should be placed in the **“Technical Bid”** envelope, failing which the same will be summarily rejected. **“Commercial Bid”** should contain only the **RATE SHEET** provided at **ANNEXURE – II** of this tender. **Commercial Bids of only those vendors shall be opened which are found to be technically acceptable in Technical Bid.** In Commercial Bid, the price of the items mentioned as an option should be provided individually.
4. The bidders will be required to furnish EMD Rs 6260/- in the form of DD / BC drawn in any nationalized bank in favour of **“NIELIT Guwahati”** payable at **Guwahati**. Without the Earnest Money the tender will be summarily rejected. Earnest money of suppliers to whom work is awarded shall be kept as security deposit till total supply as ordered is executed and it may be forfeited in case of (i) non compliance of contract/supply order (ii) incomplete supply (iii) material not supplied as per specifications period. EMD of the unsuccessful bidders will be returned after finalisation of the tender and acceptance of work order by the successful bidder.
5. Items are to be quoted in Indian Rupees only.
6. No Quotation will be accepted by fax, e-mail, telex, or any other such means.
7. Acceptance should be given as per enclosed format without any alterations.
8. All rates quoted will be considered to be inclusive of all taxes and freight of delivery place.
9. The quoted rates shall have to be valid for a period of 90 day(s) from the date of opening of tender.
10. Bidders should submit all supporting documents in favour of information submitted in the tender. Further, copies of all statutory licenses and documents like PAN, GST etc. should be enclosed. All documents submitted should be serially numbered.
11. Partial or selective quotes, conditional tenders would be summarily rejected.
12. NIELIT Guwahati shall be under no obligation is liable to accept the lowest quotation. Further the Director, NIELIT Guwahati reserves the right to reject all or any of the tenders without assigning any reasons.

GENERAL TERMS AND CONDITIONS OF CONTRACT

This tender notice shall be governed by following terms & conditions:

1. **ELIGIBILITY-** To be eligible to participate in the tender, a Bidder should be: -
2. **Experience:** Names and address of the vendor's of at least three clients in India, to whom similar products, services were extended and amount of transaction to such clients in India.
3. **Documentation:**
 - a. The supplier to provide installation manual, user manual, operation and troubleshooting manuals and any other relevant documents applicable.
 - b. Suppliers to provide a pre-installation guide explaining the pre-requisites of the installation of the system along with their technical bid.
4. **NIELIT Guwahati** may allow extension of time if in his opinion the works are delayed by reasons beyond the control of the supplier.
5. **F.O.R. Rates:** The rates quoted should be F.O.R. location of supply and should be inclusive of freight/packing/forwarding and other incidental charges.
6. Quotation with overwriting, alternations will not be considered. **Only typed/ printed quotations** will be accepted.
7. **Validity of Rate:** The rates quoted have to be valid up to 90 day(s) from the date of opening of Commercial bid.
8. **Warranty:** Warranty period shall have to be for at least 1(one) year or as per product description from the date of supply and commissioning. PBG @5% is required to submit by the bidder on submission of Bill for payment with 13 months validity.
9. **Installation and Commissioning:** Free of cost. Installation must be completed within 30 days from the date of issue of Purchase Order. The presence of Service engineer from the OEM representative at the time of installation is essential.
10. **Patent Rights:** The supplier shall indemnify the purchase against all third party claims of infringement of Patent, Trademark or Industrial Design Rights arising from use of the goods or any part thereof in India.
11. **Validity of licenses(if Any) :** Software licensing price or policy (if any) shall be clearly mentioned. All licenses should be perpetual. All the accessories shall be from the same OEM
12. **Opening of Price Bids:** The Price Bid(s) of only those vendor(s) who are found technically qualified will be opened and the same will be opened before the technically qualified vendor(s). The date for opening of price bids will be notified separately.
13. NIELIT Guwahati shall be under no obligation to accept the lowest quotation.
14. **DEDUCTIONS-** Statutory taxes and duties will be deducted at source as per government norms.
15. Penalty will be imposed for delay in supply of items:
 - 1st Week = 2%
 - From 2nd Week onwards = 5% for every week
16. **Payment Terms:** Bills can be submitted on successful execution of Work Order

along with certification from concerned official of NIELIT for release of payment. No advance payment shall be made under any circumstance.

17. Details of the Taxes as applicable should be mentioned in the quotation clearly. In case of any ambiguity, prices will be considered as inclusive of all taxes.
18. In case of any dispute on account of deviation of the terms and conditions, the responsibility will be of suppliers and the decision of the Director, NIELIT Guwahati shall be binding and final.
19. **DISPUTES:** All disputes lie within the jurisdiction of Guwahati High Court.
20. The Bidder is liable to compensate NIELIT Guwahati for any loss suffered. All penalties imposed should be deposited by the supplier immediately or may be deducted from any amount due to the supplier.
21. The Tender is likely to be rejected because of non-fulfillment of any of the above terms.
22. **Deviation from specification:** If the tenderer makes any deviation from the specification given in Annexure-I the same must be prominently brought out in the body of the tender. If any additional item is needed to meet the specification the tenderer should quote for the total including the additional item required to meet the given specification
23. The detailed specifications of the goods are as per **ANNEXURE-I** attached.
24. The Rate Sheet is placed at **ANNEXURE – II**.
25. **Right to accept/ reject:** The Director, NIELIT Guwahati reserves the right to reject all or any tender without assigning any reason thereof.
26. NIELIT Guwahati reserve the right to award the contract only for Equipment part without including Installation part or both equipment and installation part based on the decision of Competent Authority of NIELIT.

Annexure I

1. Bidder need to submit the compliance of each product.
2. Bidder has to submit tender specific OEM Authorization.

Sr.No	Items	Quantity	Product Quoted
1	SunRobotics Arduino Uno Based Super Starter Kit	24	
2	Generic ESP8266 Nodemcu Esp8266 Lua Amica Wifi Internet of Things Development Board	16	
3	UNO Smart Robot Car Kit V 3.0. Intelligent and Educational Kit for Kids	8	

Technical specification of SunRobotics Arduino Uno Based Super Starter Kit:

Brand	Sun Robotics
Arduino board	Uno R3 Compatible Board
USB Cable	50 cm 1
Breadboard	83x55 mm 1
Resistor	220 ohm 1% 1/4w 25
Resistor	1 k 1% 1/4w 25
Resistor	10 k 1% 1/4w 25
Button	Standard 3
Self-locking button	Standard 2
Electrolytic capacitor	220uF 5
Electrolytic capacitor	47uF 5
Ceramic capacitor	100nF 5
Temperature and humidity sensor	DHT11 1
Touch Sensor	Standard 1
Photo-resistor	Standard 2
PIR motion sensor	Standard 1
Infrared receiver	Standard 1
Infrared remote controller	With a CR2025 battery 160mAh 1
Ultrasonic sensor	Standard 1
Magnetic Reed Switch	Standard 1
red LED	5mm 5
Green LED	5mm 5
Blue LED	5mm 5
common-anode RGB LED	8mm 3
common-anode 7-Segment LED	0.56 inch 1
LCD	1602 1
Active buzzer	5V 1
Male-to-Male Breadboard Wires	20P 1
Male-to-Female Breadboard Wires	20P 1
Battery Connector	9V 1
Box	Standard for storage of components 1

Technical specification of Generic ESP8266 Nodemcu Esp8266 Lua Amica Wifi Internet of Things Development Board:

Brand	Generic
Form Factor	All in one
Pattern	IOT development board
Power source	DC
Material	Copper
Type	Micro controller board
Nodemcu firmware	Preloaded

Technical specification of UNO Smart Robot Car Kit V 3.0. Intelligent and Educational Kit for Kids:

Brand	UNO/Elegoo/Generic
Arduino UNO R3 Board	As per specification
Arduino USB Cable	Standard type
Sensor Shield v5.0 Expansion Board for Arduino	Standard type
L298N Motor Driver Board	Standard type
Ultrasonic Sensor	Standard type
Ultrasonic Sensor Holder	Standard type
SG90 Servo Motor	Standard type
Bluetooth Module	Standard type
IR Receiver	Standard type
Line Tracking module	Standard type
DC BO Motors	Standard type
IR Remote Control with Battery	Standard type
2-18650 Battery Charger	Standard type
2-18650 Battery Box with Connector	Standard type
Acrylic Plate (Front and Back)	Standard type
Plastic Tyre Wheel	Standard type
Screws (long)	Standard type
Screws (short)	Standard type
Aluminium block	Standard type
Copper Cylinder Pillers	Standard type
Copper screws	Standard type
CD with tutorial	As per product description
All required Connecting Cables with Attached Connectors	Standard type
Insulation Tape	Standard type

Annexure-II

(in firm's letterhead)

RATE SHEET

Tender No. 06/59/2021/GHY/P&S/001

Dated: 25/05/2021

TENDER DOCUMENT FOR SUPPLY OF

SunRobotics Arduino Uno Based Super Starter Kit with Full Learning Guide Including Codes and Tutorials, Generic ESP8266 Nodemcu Esp8266 Lua Amica Wifi Internet of Things Development Board Cp2102 IOT and UNO Smart Robot Car Kit V 3.0. Intelligent and Educational Kit for Kids for NIELIT Guwahati

Sl. No.	Items	Qty	Product Quoted	Rate Including GST	Amount Including GST
1	SunRobotics Arduino Uno Based Super Starter Kit	24			
2	Any other accessories for SL-1	1			
3	Generic ESP8266 Nodemcu Esp8266 Lua Amica Wifi Internet of Things Development Board with all accessories (if any)	16			
4	UNO Smart Robot Car Kit V 3.0. Intelligent and Educational Kit for Kids	8			
5	Any other accessories for SL-4	1			

(Signature)

With Date & Seal