

**बिड दस्तावेज़ / Bid Document**

बिड विवरण / Bid Details	
बिड बंद होने की तारीख/समय / Bid End Date/Time	09-12-2025 17:00:00
बिड खुलने की तारीख/समय / Bid Opening Date/Time	09-12-2025 17:30:00
बिड पेशकश वैधता (बंद होने की तारीख से) / Bid Offer Validity (From End Date)	180 (Days)
मंत्रालय/राज्य का नाम / Ministry/State Name	Assam
विभाग का नाम / Department Name	Home And Political Department Assam
संगठन का नाम / Organisation Name	N/a
कार्यालय का नाम / Office Name	Assam Police Headquarters, Ulubari, Guwahati
कुल मात्रा / Total Quantity	16
वस्तु श्रेणी / Item Category	DC Regulated Power Supply (Q2) , Digital Trainer Kit (Q3)
उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष / Years of Past Experience Required for same/similar service	3 Year (s)
एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / MSE Exemption for Years of Experience and Turnover	No
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / Startup Exemption for Years of Experience and Turnover	No
विक्रेता से मांगे गए दस्तावेज़ / Document required from seller	Experience Criteria, Past Performance, Certificate (Requested in ATC), OEM Authorization Certificate, Additional Doc 1 (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ में है / Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या / Minimum number of bids required to disable automatic bid extension	3

बिड विवरण/Bid Details	
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / <b>Number of days for which Bid would be auto-extended</b>	5
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / <b>Number of Auto Extension count</b>	1
विगत प्रदर्शन / <b>Past Performance</b>	80 %
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	No
बिड का प्रकार/Type of Bid	Two Packet Bid
प्राथमिक उत्पाद श्रेणी/Primary product category	DC Regulated Power Supply
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	3 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
अनुमानित बिड मूल्य /Estimated Bid Value	74320
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

#### ईएमडी विवरण/EMD Detail

आवश्यकता/Required	No
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#### ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईपीबीजी प्रतिशत (%) /ePBG Percentage(%)	3.00
ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).	24

(a) ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए। / EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

#### लाभार्थी /Beneficiary :

Sr. Supdt. of Police(Commn.), Assam  
O/o The Assam Police Radio Organisation Headquarters, Ulubari, Guwahati-7  
(Simanta Talukdar)

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

#### एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	No
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#### एमआईआई खरीद वरीयता/MII Purchase Preference

एमआईआई खरीद वरीयता/MII Purchase Preference	No
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1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM of the product offered in the bid {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts and delivery acceptance certificates like CRAC to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

2. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

#### DC Regulated Power Supply ( 2 pieces )

#### तकनीकी विशिष्टियाँ /Technical Specifications

[\\* जेम कैटेगरी विशिष्टि के अनुसार / As per GeM Category Specification](#)

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
OUTPUT	Variable voltage range	0 to 30 V (+10%)
	Variable current range	0 to 30 A (+10%)
INPUT	voltage / Frequency	220 V +/- 10%, 50 Hz, Single Phase AC
	Total input VA	1300 VA or better @ 65% efficiency
PROTECTION	Overload & Short circuit (Through CC/CV Mode)	DC Fuse + MCB as well as AC MCB or over voltage protection / over current protection
ENVIRONMENTAL	Operating Temperature	0 to 55 deg C
GROUP: CERTIFICATION	Availability of type test report from Central Govt., lab/NABL/ILAC accredited lab to conformity of the specification	Yes, No

**Additional Specification Parameters - DC Regulated Power Supply ( 2 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
Name of Equipment:	DC Regulated Power Supply
Specifications1:	Mode: DUAL INPUT voltage / Frequency: (220 V +/- 10%, 50 Hz, Single Phase AC),
Specifications2:	OUTPUT Variable voltage range (0 to 30 V (+10%) ), Variable voltage control:( Single turn coarse and fine control, continuously adjustable), Variable current range: (0 to 10 A (+10%)), Variable current control:- (Single turn coarse and fine control, continuously adjustable ),
Specifications3:	Configuration : (Constant Voltage and Constant Current) Total output power:- (Nominal: 300 Watts), Meters: (Display to indicate Volts and Amps.), Terminals: (on the front & rear panel),
Specifications4:	Overload & Short circuit (Through CC/CV Mode): (DC Fuse + MCB as well as AC MCB or over voltage protection / over current protection), Others Operating Temperature:- (0 to 55 deg C ), Humidity:- (90% at 45 deg C non condensing ) Cooling type:- (Force Air, Natural convection cooling), Standard Accessories : (Power cord, Patch Cable & Instruction manual).

\* Bidders offering must also comply with the additional specification parameters mentioned above.

**परिषी/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity**

क्र.सं./S.No.	परिषी/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Pulin Bhuyan	781007,APRO HQ, Ulubari, Guwahati 781001, Assam	2	15

**Digital Trainer Kit ( 2 pieces )****तकनीकी विशिष्टियाँ /Technical Specifications**

[\\* जेम केटेगरी विशिष्टि के अनुसार / As per GeM Category Specification](#)

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
Performance parameters	Facility to study and verify all logic gates	Yes
	Facility to verify boolean identities and Demorgan's Theorems	Yes
	Number of Breadboard	1, 2, Others

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	<b>Number of tie points per breadboard with <math>\pm 25</math> tolerance</b>	1680, 1240, 840, 100, 400, 630, 1260
	<b>Number of data switches</b>	10, 12, 16, Others
	<b>Number of pulsar switches ( Push to On)</b>	1, 2, Others
	<b>Range of fixed clock in Hz</b>	1 Hz to 100 KHz in 6 steps, 1 Hz to 1 MHz in 7 steps
	<b>Type of connectivity</b>	Screw terminals (PT 10), Snap fit
	<b>Number of seven segment display with BCD Inputs</b>	1, 2, Others
	<b>Number of dual color indicators to observe high/low logic, standard outputs</b>	4, 8, 16, Others
	<b>Warranty in years</b>	1, 2
Material and dimensional parameters	<b>Size of breadboard in mm x mm</b>	172.5 x 128.5, Others
	<b>Material of case provided for enclosing the kit</b>	Wooden, Plastic, Stainless Steel
Additional parameters	<b>Number of connecting wires provided</b>	25, 50, 100, 550
	<b>Number of 2 mm to 1 mm patch cords provided</b>	5, 10, 15, Others
	<b>Number of 2 mm to 2 mm patch cords provided</b>	4, 8, 12, Others
	<b>Availability of Built in Power Supply</b>	Yes, No
	<b>Block Description Screen printed on glassy epoxy PCB</b>	Yes
Reports	<b>Availability of test report from govt/ NABL/ILAC accredited lab covering all parameters</b>	Yes, No
	<b>Copies of all certifications and reports to be provided to buyer on demand at time of supplies ,</b>	Yes, NA ,Incase test reports not available

**Additional Specification Parameters - Digital Trainer Kit ( 2 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
Name of Equipment:	AC Millivoltmeter (Analogue)
Specifications1:	Single Phase support, Range of measurement- (0 V to 150 V), IP protection class - (IP 52), Voltage Range: (1.5 mV to 500 V full scale in 12 ranges in 1.5 and 5 sequence).
Specifications2:	dB range : (— 60 dB to + 60 dB in 12 decade ranges with 1 mW as '0' dB reference dissipated in a resistance of 600 ohm), Frequency Range : (1 Hz to 5 MHz),
Specifications3:	Accuracy : ( $\pm 1\%$ of reading, $\pm 1\%$ of full scale reading), Input impedance : (5 M $\Omega$ ), Pre deflection : (Less than 100 $\mu$ V), Power requirement : (230 V, 50 Hz).

\* Bidders offering must also comply with the additional specification parameters mentioned above.

**परिषदी/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity**

क्र.सं./S.No.	परिषदी/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Pulin Bhuyan	781007,APRO HQ, Ulubari, Guwahati 781001, Assam	2	15

**Digital Trainer Kit ( 1 pieces )**

**तकनीकी विशिष्टियाँ /Technical Specifications**

\* जेम केटेगरी विशिष्टि के अनुसार / As per GeM Category Specification

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
Performance parameters	Facility to study and verify all logic gates	Yes
	Facility to verify boolean identities and Demorgan's Theorems	Yes
	Number of Breadboard	1, 2, Others
	Number of tie points per breadboard with $\pm 25$ tolerance	1680, 1240, 840, 100, 400, 630, 1260
	Number of data switches	10, 12, 16, Others
	Number of pulsar switches ( Push to On)	1, 2, Others
	Range of fixed clock in Hz	1 Hz to 100 KHz in 6 steps, 1 Hz to 1 MHz in 7 steps
	Type of connectivity	Screw terminals (PT 10), Snap fit
	Number of seven segment display with BCD Inputs	1, 2, Others

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	<b>Number of dual color indicators to observe high/low logic, standard outputs</b>	4, 8, 16, Others
	<b>Warranty in years</b>	1, 2
Material and dimensional parameters	<b>Size of breadboard in mm x mm</b>	172.5 x 128.5, Others
	<b>Material of case provided for enclosing the kit</b>	Wooden, Plastic, Stainless Steel
Additional parameters	<b>Number of connecting wires provided</b>	25, 50, 100, 550
	<b>Number of 2 mm to 1 mm patch cords provided</b>	5, 10, 15, Others
	<b>Number of 2 mm to 2 mm patch cords provided</b>	4, 8, 12, Others
	<b>Availability of Built in Power Supply</b>	Yes, No
	<b>Block Description Screen printed on glassy epoxy PCB</b>	Yes
Reports	<b>Availability of test report from govt/ NABL/ILAC accredited lab covering all parameters</b>	Yes, No
	<b>Copies of all certifications and reports to be provided to buyer on demand at time of supplies ,</b>	Yes, NA ,Incase test reports not available

#### Additional Specification Parameters - Digital Trainer Kit ( 1 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
Name of Equipment:	Electronic Trainer Board for Multi-vibrator Applications (IC 555 Timer trainer Kit)
Specifications1:	(Trainer kit for IC 555 Timer circuit applications has been designed to perform the following experiments):- (A. Astable Multivibrator), (B. Monostable Multivibrator), (C. Bistable Multivibrator),
Specifications2:	Technical Specifications : (Inbuilt Fixed DC Regulated Power Supply), (Output Voltages : +5VDC), (IC : 555 Timer , Potentiometer, Switches ( Push to ON ) ),

Specification Parameter Name	Bid Requirement (Allowed Values)
Specifications3:	Resistances & Capacitors (Symbol diagram printed on Front Panel & all important test Points are brought out on front panel) Power requirement: (230 VAC 10%, 50Hz),
Specifications4:	Standard Accessories : Power cord, Patch chords & Instruction manual.

\* Bidders offering must also comply with the additional specification parameters mentioned above.

#### प्रेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.No.	प्रेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Pulin Bhuyan	781007,APRO HQ, Ulubari, Guwahati 781001, Assam	1	15

#### Digital Trainer Kit ( 1 pieces )

#### तकनीकी विशिष्टियाँ /Technical Specifications

[\\* जेम केटेगरी विशिष्टि के अनुसार / As per GeM Category Specification](#)

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
Performance parameters	Facility to study and verify all logic gates	Yes
	Facility to verify boolean identities and Demogran's Theorems	Yes
	Number of Breadboard	1, 2, Others
	Number of tie points per breadboard with $\pm 25$ tolerance	1680, 1240, 840, 100, 400, 630, 1260
	Number of data switches	10, 12, 16, Others
	Number of pulsar switches ( Push to On)	1, 2, Others
	Range of fixed clock in Hz	1 Hz to 100 KHz in 6 steps, 1 Hz to 1 MHz in 7 steps
	Type of connectivity	Screw terminals (PT 10), Snap fit
	Number of seven segment display with BCD Inputs	1, 2, Others
	Number of dual color indicators to observe high/low logic, standard outputs	4, 8, 16, Others
	Warranty in years	1, 2



विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
Material and dimensional parameters	<b>Size of breadboard in mm x mm</b>	172.5 x 128.5, Others
	<b>Material of case provided for enclosing the kit</b>	Wooden, Plastic, Stainless Steel
Additional parameters	<b>Number of connecting wires provided</b>	25, 50, 100, 550
	<b>Number of 2 mm to 1 mm patch cords provided</b>	5, 10, 15, Others
	<b>Number of 2 mm to 2 mm patch cords provided</b>	4, 8, 12, Others
	<b>Availability of Built in Power Supply</b>	Yes, No
	<b>Block Description Screen printed on glassy epoxy PCB</b>	Yes
Reports	<b>Availability of test report from govt/ NABL/ILAC accredited lab covering all parameters</b>	Yes, No
	<b>Copies of all certifications and reports to be provided to buyer on demand at time of supplies ,</b>	Yes, NA ,Incase test reports not available

#### Additional Specification Parameters - Digital Trainer Kit ( 1 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
Name of Equipment:	Electronic Trainer Board for Passive Filter (LOW PASS AND HIGH PASS FILTER TRAINER)
Specifications1:	Study different types of passive filters and determine the different constants and cut off frequency of the following passive filters • (Low pass filter), • (High Pass filter), • (Band pass filter), • (Band stop filter),
Specifications2:	The board should consists of following built in parts • (Different types of passive filters), • (Adequate numbers of components), • (Adequate number of Patch cords), • (Reliable terminals/sockets for connections at appropriate places on panel),
Specifications3:	Power requirement : (230 VAC 10%, 50Hz),
Specifications4:	Standard Accessories : Power cord, Patch chords & Instruction manual.

\* Bidders offering must also comply with the additional specification parameters mentioned above.

प्रेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.No.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Pulin Bhuyan	781007,APRO HQ, Ulubari, Guwahati 781001, Assam	1	15

### Digital Trainer Kit ( 1 pieces )

#### तकनीकी विशिष्टियाँ /Technical Specifications

[\\* जेम केटेगरी विशिष्टि के अनुसार / As per GeM Category Specification](#)

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
Performance parameters	Facility to study and verify all logic gates	Yes
	Facility to verify boolean identities and Demorgan's Theorems	Yes
	Number of Breadboard	1, 2, Others
	Number of tie points per breadboard with $\pm 25$ tolerance	1680, 1240, 840, 100, 400, 630, 1260
	Number of data switches	10, 12, 16, Others
	Number of pulsar switches ( Push to On)	1, 2, Others
	Range of fixed clock in Hz	1 Hz to 100 KHz in 6 steps, 1 Hz to 1 MHz in 7 steps
	Type of connectivity	Screw terminals (PT 10), Snap fit
	Number of seven segment display with BCD Inputs	1, 2, Others
	Number of dual color indicators to observe high/low logic, standard outputs	4, 8, 16, Others
	Warranty in years	1, 2
Material and dimensional parameters	Size of breadboard in mm x mm	172.5 x 128.5, Others
	Material of case provided for enclosing the kit	Wooden, Plastic, Stainless Steel
Additional parameters	Number of connecting wires provided	25, 50, 100, 550
	Number of 2 mm to 1 mm patch cords provided	5, 10, 15, Others
	Number of 2 mm to 2 mm patch cords provided	4, 8, 12, Others

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	Availability of Built in Power Supply	Yes, No
	Block Description Screen printed on glassy epoxy PCB	Yes
Reports	Availability of test report from govt/ NABL/ILAC accredited lab covering all parameters	Yes, No
	Copies of all certifications and reports to be provided to buyer on demand at time of supplies ,	Yes, NA ,Incase test reports not available

#### Additional Specification Parameters - Digital Trainer Kit ( 1 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
Name of Equipment:	Electronic Trainer Board for Active Filter (Active Filters Trainer Kit)
Specifications1:	(Based on IC-741 Operational Amplifier • Completely self-contained and standalone unit • Demonstrates the principle, construction, working and verification of various active filters • Active Low Pass Filter • Active High Pass Filter • Active Band Pass Filter • Active Band Reject Filter)
Specifications2:	(Specifications: • Study the effect of the variation in Input Frequency, Calculate the various $f_c$ (Cut Off Frequency) and study the effect on the output for each type of Filter & Order as above • Facility to vary the Gain & Cut Off Frequency of the various Active Filters • Facility to connect the required Inbuilt Sine wave Generator (10 Hz to 100 kHz) / External Signal as input,
Specifications3:	• Built-in necessary DC Regulated Power Supplies with short circuit protection & indication for supply "ON" to work on 230V AC Mains • Test points at various stages in the circuit to observe the waveforms and voltages. • Set of necessary patch cords • Multi colored test points are provided in the circuit to observe waveforms and voltages,
Specifications4:	• Housed in an elegant cabinet with a well spread intelligently designed multi colored layout on front panel • Strongly supported by a comprehensive instruction manual complete with theory and operating details).

\* Bidders offering must also comply with the additional specification parameters mentioned above.

प्रेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.No.	प्रेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Pulin Bhuyan	781007,APRO HQ, Ulubari, Guwahati 781001, Assam	1	15

### Digital Trainer Kit ( 1 pieces )

#### तकनीकी विशिष्टियाँ /Technical Specifications

[\\* जेम कैटेगरी विशिष्टि के अनुसार / As per GeM Category Specification](#)

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
Performance parameters	Facility to study and verify all logic gates	Yes
	Facility to verify boolean identities and Demorgan's Theorems	Yes
	Number of Breadboard	1, 2, Others
	Number of tie points per breadboard with $\pm 25$ tolerance	1680, 1240, 840, 100, 400, 630, 1260
	Number of data switches	10, 12, 16, Others
	Number of pulsar switches ( Push to On)	1, 2, Others
	Range of fixed clock in Hz	1 Hz to 100 KHz in 6 steps, 1 Hz to 1 MHz in 7 steps
	Type of connectivity	Screw terminals (PT 10), Snap fit
	Number of seven segment display with BCD Inputs	1, 2, Others
	Number of dual color indicators to observe high/low logic, standard outputs	4, 8, 16, Others
	Warranty in years	1, 2
Material and dimensional parameters	Size of breadboard in mm x mm	172.5 x 128.5, Others
	Material of case provided for enclosing the kit	Wooden, Plastic, Stainless Steel
Additional parameters	Number of connecting wires provided	25, 50, 100, 550
	Number of 2 mm to 1 mm patch cords provided	5, 10, 15, Others
	Number of 2 mm to 2 mm patch cords provided	4, 8, 12, Others

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	Availability of Built in Power Supply	Yes, No
	Block Description Screen printed on glassy epoxy PCB	Yes
Reports	Availability of test report from govt/ NABL/ILAC accredited lab covering all parameters	Yes, No
	Copies of all certifications and reports to be provided to buyer on demand at time of supplies ,	Yes, NA ,Incase test reports not available

#### Additional Specification Parameters - Digital Trainer Kit ( 1 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
Name of Equipment:	Zener Diode Characteristics Apparatus
Specifications1:	(Zener diode characteristics apparatus with two meters), (Model for study forward and reverse bias characteristics of a zener diode), (Instrument comprises of the following built in parts:- A) One continuously variable DC regulated power supply of 0-15v with output brought out at 4mm sockets.
Specifications2:	B) Two meters to measure voltage and current are mounted on front panel and connections brought out at 4mm sockets. C) One series resistance and three zener diodes (5.1, 8.2 and 12volt) at front panel with connections brought out at 4mm sockets),
Specifications3:	(Standard Accessories : Power cord, Patch cable & Instruction manual).

\* Bidders offering must also comply with the additional specification parameters mentioned above.

#### परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Pulin Bhuyan	781007,APRO HQ, Ulubari, Guwahati 781001, Assam	1	15

#### Digital Trainer Kit ( 1 pieces )

#### तकनीकी विशिष्टियाँ /Technical Specifications

[\\* जेम केटेगरी विशिष्टि के अनुसार / As per GeM Category Specification](#)

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
Performance parameters	<b>Facility to study and verify all logic gates</b>	Yes
	<b>Facility to verify boolean identities and Demogran's Theorems</b>	Yes
	<b>Number of Breadboard</b>	1, 2, Others
	<b>Number of tie points per breadboard wth <math>\pm 25</math> tolerance</b>	1680, 1240, 840, 100, 400, 630, 1260
	<b>Number of data switches</b>	10, 12, 16, Others
	<b>Number of pulsar switches ( Push to On)</b>	1, 2, Others
	<b>Range of fixed clock in Hz</b>	1 Hz to 100 KHz in 6 steps, 1 Hz to 1 MHz in 7 steps
	<b>Type of connectivity</b>	Screw terminals (PT 10), Snap fit
	<b>Number of seven segment display with BCD Inputs</b>	1, 2, Others
	<b>Number of dual color indicators to observe high/low logic, standard outputs</b>	4, 8, 16, Others
	<b>Warranty in years</b>	1, 2
Material and dimensional parameters	<b>Size of breadboard in mm x mm</b>	172.5 x 128.5, Others
	<b>Material of case provided for enclosing the kit</b>	Wooden, Plastic, Stainless Steel
Additional parameters	<b>Number of connecting wires provided</b>	25, 50, 100, 550
	<b>Number of 2 mm to 1 mm patch cords provided</b>	5, 10, 15, Others
	<b>Number of 2 mm to 2 mm patch cords provided</b>	4, 8, 12, Others
	<b>Availability of Built in Power Supply</b>	Yes, No
	<b>Block Description Screen printed on glassy epoxy PCB</b>	Yes
Reports	<b>Availability of test report from govt/ NABL/ILAC accredited lab covering all parameters</b>	Yes, No
	<b>Copies of all certifications and reports to be provided to buyer on demand at time of supplies ,</b>	Yes, NA ,Incase test reports not available

**Additional Specification Parameters - Digital Trainer Kit ( 1 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
Name of Equipment:	PN Junction Diode Characteristics Apparatus
Specifications1:	(PN Junction Diode Semi-Conductor Apparatus Characteristics for Forward and Reverse Bias with Power Supply),
Specifications2:	(Input 230 Volts AC 50Hz Provided with two meters of dual ranges)
Specifications3:	(Standard Accessories : Power cord, Patch cable & Instruction manual).

\* Bidders offering must also comply with the additional specification parameters mentioned above.

**परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity**

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Pulin Bhuyan	781007,APRO HQ, Ulubari, Guwahati 781001, Assam	1	15

**Digital Trainer Kit ( 1 pieces )****तकनीकी विशिष्टियाँ /Technical Specifications**

[\\* जेम कैटेगरी विशिष्टि के अनुसार / As per GeM Category Specification](#)

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
Performance parameters	<b>Facility to study and verify all logic gates</b>	Yes
	<b>Facility to verify boolean identities and Demogran's Theorems</b>	Yes
	<b>Number of Breadboard</b>	1, 2, Others
	<b>Number of tie points per breadboard wth <math>\pm 25</math> tolerance</b>	1680, 1240, 840, 100, 400, 630, 1260
	<b>Number of data switches</b>	10, 12, 16, Others
	<b>Number of pulsar switches ( Push to On)</b>	1, 2, Others
	<b>Range of fixed clock in Hz</b>	1 Hz to 100 KHz in 6 steps, 1 Hz to 1 MHz in 7 steps
	<b>Type of connectivity</b>	Screw terminals (PT 10), Snap fit
	<b>Number of seven segment display with BCD Inputs</b>	1, 2, Others

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	<b>Number of dual color indicators to observe high/low logic, standard outputs</b>	4, 8, 16, Others
	<b>Warranty in years</b>	1, 2
Material and dimensional parameters	<b>Size of breadboard in mm x mm</b>	172.5 x 128.5, Others
	<b>Material of case provided for enclosing the kit</b>	Wooden, Plastic, Stainless Steel
Additional parameters	<b>Number of connecting wires provided</b>	25, 50, 100, 550
	<b>Number of 2 mm to 1 mm patch cords provided</b>	5, 10, 15, Others
	<b>Number of 2 mm to 2 mm patch cords provided</b>	4, 8, 12, Others
	<b>Availability of Built in Power Supply</b>	Yes, No
	<b>Block Description Screen printed on glassy epoxy PCB</b>	Yes
Reports	<b>Availability of test report from govt/ NABL/ILAC accredited lab covering all parameters</b>	Yes, No
	<b>Copies of all certifications and reports to be provided to buyer on demand at time of supplies ,</b>	Yes, NA ,Incase test reports not available

#### Additional Specification Parameters - Digital Trainer Kit ( 1 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
Name of Equipment:	Two stage RC Coupled Amplifier Trainer Board
Specifications1:	(Display type- Analog, Single Phase Power supply-230 AC Mains • Dedicated trainer board for each Amplifier circuit. • Study of frequency response of individual (single stage) as well as the cascade (two stages) amplifier. • Study of its various parameters and its advantages, disadvantages and applications),
Specifications2:	(Standard Accessories : Power cord, Patch cable & Instruction manual).

\* Bidders offering must also comply with the additional specification parameters mentioned above.

प्रेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity



क्र.सं./S.No.	प्रेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Pulin Bhuyan	781007,APRO HQ, Ulubari, Guwahati 781001, Assam	1	15

### Digital Trainer Kit ( 1 pieces )

#### तकनीकी विशिष्टियाँ /Technical Specifications

[\\* जेम केटेगरी विशिष्टि के अनुसार / As per GeM Category Specification](#)

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
Performance parameters	Facility to study and verify all logic gates	Yes
	Facility to verify boolean identities and Demorgan's Theorems	Yes
	Number of Breadboard	1, 2, Others
	Number of tie points per breadboard with $\pm 25$ tolerance	1680, 1240, 840, 100, 400, 630, 1260
	Number of data switches	10, 12, 16, Others
	Number of pulsar switches ( Push to On)	1, 2, Others
	Range of fixed clock in Hz	1 Hz to 100 KHz in 6 steps, 1 Hz to 1 MHz in 7 steps
	Type of connectivity	Screw terminals (PT 10), Snap fit
	Number of seven segment display with BCD Inputs	1, 2, Others
	Number of dual color indicators to observe high/low logic, standard outputs	4, 8, 16, Others
	Warranty in years	1, 2
Material and dimensional parameters	Size of breadboard in mm x mm	172.5 x 128.5, Others
	Material of case provided for enclosing the kit	Wooden, Plastic, Stainless Steel
Additional parameters	Number of connecting wires provided	25, 50, 100, 550
	Number of 2 mm to 1 mm patch cords provided	5, 10, 15, Others
	Number of 2 mm to 2 mm patch cords provided	4, 8, 12, Others

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	Availability of Built in Power Supply	Yes, No
	Block Description Screen printed on glassy epoxy PCB	Yes
Reports	Availability of test report from govt/ NABL/ILAC accredited lab covering all parameters	Yes, No
	Copies of all certifications and reports to be provided to buyer on demand at time of supplies ,	Yes, NA ,Incase test reports not available

#### Additional Specification Parameters - Digital Trainer Kit ( 1 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
Name of Equipment:	Ohm's Law Apparatus with Power Supply
Specifications1:	(Type- Analog), (Measuring Range - 0- 35 Ohms), (DC Current) , (Single Phase), (Frequency - 50Hz),
Specifications2:	(Instrument comprises of Two moving coil meters to measure voltage & current, One wire wound Potentiometer. On board printed Circuit diagram. Power supply is connected internally & One wire wound potentiometer to vary the voltage),
Specifications3:	(Standard Accessories : Power cord, Patch cable & Instruction manual).

\* Bidders offering must also comply with the additional specification parameters mentioned above.

#### परिषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परिषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Pulin Bhuyan	781007,APRO HQ, Ulubari, Guwahati 781001, Assam	1	15

#### Digital Trainer Kit ( 1 pieces )

#### तकनीकी विशिष्टियाँ /Technical Specifications

[\\* जेम केटेगरी विशिष्टि के अनुसार / As per GeM Category Specification](#)

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
Performance parameters	<b>Facility to study and verify all logic gates</b>	Yes
	<b>Facility to verify boolean identities and Demogran's Theorems</b>	Yes
	<b>Number of Breadboard</b>	1, 2, Others
	<b>Number of tie points per breadboard wth <math>\pm 25</math> tolerance</b>	1680, 1240, 840, 100, 400, 630, 1260
	<b>Number of data switches</b>	10, 12, 16, Others
	<b>Number of pulsar switches ( Push to On)</b>	1, 2, Others
	<b>Range of fixed clock in Hz</b>	1 Hz to 100 KHz in 6 steps, 1 Hz to 1 MHz in 7 steps
	<b>Type of connectivity</b>	Screw terminals (PT 10), Snap fit
	<b>Number of seven segment display with BCD Inputs</b>	1, 2, Others
	<b>Number of dual color indicators to observe high/low logic, standard outputs</b>	4, 8, 16, Others
	<b>Warranty in years</b>	1, 2
Material and dimensional parameters	<b>Size of breadboard in mm x mm</b>	172.5 x 128.5, Others
	<b>Material of case provided for enclosing the kit</b>	Wooden, Plastic, Stainless Steel
Additional parameters	<b>Number of connecting wires provided</b>	25, 50, 100, 550
	<b>Number of 2 mm to 1 mm patch cords provided</b>	5, 10, 15, Others
	<b>Number of 2 mm to 2 mm patch cords provided</b>	4, 8, 12, Others
	<b>Availability of Built in Power Supply</b>	Yes, No
	<b>Block Description Screen printed on glassy epoxy PCB</b>	Yes
Reports	<b>Availability of test report from govt/ NABL/ILAC accredited lab covering all parameters</b>	Yes, No
	<b>Copies of all certifications and reports to be provided to buyer on demand at time of supplies ,</b>	Yes, NA ,Incase test reports not available

**Additional Specification Parameters - Digital Trainer Kit ( 1 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
Name of Equipment:	RC Phase Shift Oscillator Trainer Kit
Specifications:	(DC Power supply- +15V DC), (Mains power 230 V , 50 Hz), • (On board Transistor) , • (Input and Output sockets onboard), • (Required number of Patch Cords and operation Manual), • (On panel circuit diagram of RC phase shift oscillator).

\* Bidders offering must also comply with the additional specification parameters mentioned above.

**परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity**

क्र.सं./S.No.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Pulin Bhuyan	781007,APRO HQ, Ulubari, Guwahati 781001, Assam	1	15

**Digital Trainer Kit ( 2 pieces )****तकनीकी विशिष्टियाँ /Technical Specifications**

[\\* जेम कैटेगरी विशिष्टि के अनुसार / As per GeM Category Specification](#)

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
Performance parameters	<b>Facility to study and verify all logic gates</b>	Yes
	<b>Facility to verify boolean identities and Demorgan's Theorems</b>	Yes
	<b>Number of Breadboard</b>	1, 2, Others
	<b>Number of tie points per breadboard with <math>\pm 25</math> tolerance</b>	1680, 1240, 840, 100, 400, 630, 1260
	<b>Number of data switches</b>	10, 12, 16, Others
	<b>Number of pulsar switches ( Push to On)</b>	1, 2, Others
	<b>Range of fixed clock in Hz</b>	1 Hz to 100 KHz in 6 steps, 1 Hz to 1 MHz in 7 steps
	<b>Type of connectivity</b>	Screw terminals (PT 10), Snap fit
	<b>Number of seven segment display with BCD Inputs</b>	1, 2, Others

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	<b>Number of dual color indicators to observe high/low logic, standard outputs</b>	4, 8, 16, Others
	<b>Warranty in years</b>	1, 2
Material and dimensional parameters	<b>Size of breadboard in mm x mm</b>	172.5 x 128.5, Others
	<b>Material of case provided for enclosing the kit</b>	Wooden, Plastic, Stainless Steel
Additional parameters	<b>Number of connecting wires provided</b>	25, 50, 100, 550
	<b>Number of 2 mm to 1 mm patch cords provided</b>	5, 10, 15, Others
	<b>Number of 2 mm to 2 mm patch cords provided</b>	4, 8, 12, Others
	<b>Availability of Built in Power Supply</b>	Yes, No
	<b>Block Description Screen printed on glassy epoxy PCB</b>	Yes
Reports	<b>Availability of test report from govt/ NABL/ILAC accredited lab covering all parameters</b>	Yes, No
	<b>Copies of all certifications and reports to be provided to buyer on demand at time of supplies ,</b>	Yes, NA ,Incase test reports not available

#### Additional Specification Parameters - Digital Trainer Kit ( 2 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
Name of Equipment:	8085 Microprocessor Kit
Specifications1:	(Display- 20X2 LCD Display), (Internal Memory Ram- 8K bytes of RAM), (Battery- Nickel Cadmium), (Power Supply- 230 V +-10%, 50 Hz), (ROM- 8K bytes of Powerful Monitor Program using 27512 EPROM), (Memory Expansion up to 56KB), (I/O Lines- 48 I/O lines provided through 8255 brought out at 26 Pins FRC Connectors),
Specifications2:	(RS232C Interface:- Through SID/SOD lines), (Modes of commands:- ASCII Keyboard & Serial Mode ), (Keyboard:- 101/104 Keys ASCII Keyboard ), (Bus:- All address, data & control lines on KXT Bus 50 pin FRC Connector), (Power Consumption: 3 VA approximately).

\* Bidders offering must also comply with the additional specification parameters mentioned above.

परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.No.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Pulin Bhuyan	781007,APRO HQ, Ulubari, Guwahati 781001, Assam	2	15

**Digital Trainer Kit ( 2 pieces )**

तकनीकी विशिष्टियाँ /Technical Specifications

\* जेम कैटेगरी विशिष्टि के अनुसार / As per GeM Category Specification

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
Performance parameters	Facility to study and verify all logic gates	Yes
	Facility to verify boolean identities and Demogran's Theorems	Yes
	Number of Breadboard	1, 2, Others
	Number of tie points per breadboard with $\pm 25$ tolerance	1680, 1240, 840, 100, 400, 630, 1260
	Number of data switches	10, 12, 16, Others
	Number of pulsar switches ( Push to On)	1, 2, Others
	Range of fixed clock in Hz	1 Hz to 100 KHz in 6 steps, 1 Hz to 1 MHz in 7 steps
	Type of connectivity	Screw terminals (PT 10), Snap fit
	Number of seven segment display with BCD Inputs	1, 2, Others
	Number of dual color indicators to observe high/low logic, standard outputs	4, 8, 16, Others
	Warranty in years	1, 2
Material and dimensional parameters	Size of breadboard in mm x mm	172.5 x 128.5, Others
	Material of case provided for enclosing the kit	Wooden, Plastic, Stainless Steel
Additional parameters	Number of connecting wires provided	25, 50, 100, 550
	Number of 2 mm to 1 mm patch cords provided	5, 10, 15, Others

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	Number of 2 mm to 2 mm patch cords provided	4, 8, 12, Others
	Availability of Built in Power Supply	Yes, No
	Block Description Screen printed on glassy epoxy PCB	Yes
Reports	Availability of test report from govt/ NABL/ILAC accredited lab covering all parameters	Yes, No
	Copies of all certifications and reports to be provided to buyer on demand at time of supplies ,	Yes, NA ,Incase test reports not available

#### Additional Specification Parameters - Digital Trainer Kit ( 2 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
Name of Equipment:	Multiplexer and Demultiplexer Trainer Kit
Specifications1:	<ul style="list-style-type: none"> <li>• (Inbuilt DC Power Supply ) , • (Inbuilt-in Logic Level Generator -16 Nos.), • (independent logic level inputs to generate High/Low status with bicolor LED), • (Built-in Logic Level Indicator: 16), • (independent logic level indicators for High/Low status with bicolor LED), • (Inbuilt four address buses : 0 to +5V), • (Test-Points/Interconnections), • (Input Line Voltage : 230V AC <math>\pm</math> 10% , 50Hz),</li> </ul>
Specifications2:	(Compatible with Experiments) • (To study and verification of 2:1 Multiplexer ) , • (To study and verification of 1:2 Demultiplexer), • (To study and verification of 8:1 Multiplexer), • (To study and verification of 1:8 Demultiplexer), • (To study and verification of 16:1 Multiplexer), • (To study and verification of 1:16 Demultiplexer).

\* Bidders offering must also comply with the additional specification parameters mentioned above.

#### प्रेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.No.	प्रेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Pulin Bhuyan	781007,APRO HQ, Ulubari, Guwahati 781001, Assam	2	15

## क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/Buyer Added Bid Specific Terms and Conditions

### 1. Generic

**OPTION CLAUSE:** The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be  $(\text{Increased quantity} \div \text{Original quantity}) \times \text{Original delivery period (in days)}$ , subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

### 2. Generic

**Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

### 3. Generic

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

### 4. Generic

Malicious Code Certificate:

The seller should upload following certificate in the bid:-

(a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to :-

- (i) Inhibit the desires and designed function of the equipment.
- (ii) Cause physical damage to the user or equipment during the exploitation.
- (iii) Tap information resident or transient in the equipment/network.

(b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.

### 5. Generic

**Manufacturer Authorization:** Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

### 6. Generic

1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.

### 7. Generic

Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:

- i) The Seller fails to comply with any material term of the Contract.



- ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
- iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
- iv) The Seller becomes bankrupt or goes into liquidation.
- v) The Seller makes a general assignment for the benefit of creditors.
- vi) A receiver is appointed for any substantial property owned by the Seller.
- vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.

## 8. Forms of EMD and PBG

Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of

Sr. Supdt. of Police (Commn.) Assam

A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.

## 9. Scope of Supply

Scope of supply (Bid price to include all cost components) : Only supply of Goods

## 10. Warranty

Warranty period of the supplied products shall be 2 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

## 11. Warranty

Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 5 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.

## 12. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

## अस्वीकरण/Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
16. In a category based bid, adding additional items, through buyer added additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogs or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

**All GeM Sellers / Service Providers are mandated to ensure compliance with all the applicable laws / acts / rules including but not limited to all Labour Laws such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972 etc. Any non-compliance will be treated as breach of contract and Buyer may take suitable actions as per GeM Contract.**

[यह बिड सामान्य शर्तों के अंतर्गत भी शासित है /This Bid is also governed by the General Terms and Conditions](#)

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्यवाई का आधार होगा।/In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---धन्यवाद/Thank You---