

**बिड दस्तावेज़ / Bid Document**

| बिड विवरण / Bid Details                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| बिड बंद होने की तारीख/समय / Bid End Date/Time                                                                                                                                                                               | 01-08-2025 18:00:00                                                                                                                                                                                                                                                                                                                                                                                               |
| बिड खुलने की तारीख/समय / Bid Opening Date/Time                                                                                                                                                                              | 01-08-2025 18:30:00                                                                                                                                                                                                                                                                                                                                                                                               |
| बिड पेशकश वैधता (बंद होने की तारीख से) / Bid Offer Validity (From End Date)                                                                                                                                                 | 120 (Days)                                                                                                                                                                                                                                                                                                                                                                                                        |
| मंत्रालय/राज्य का नाम / Ministry/State Name                                                                                                                                                                                 | Ministry Of Education                                                                                                                                                                                                                                                                                                                                                                                             |
| विभाग का नाम / Department Name                                                                                                                                                                                              | Department Of Higher Education                                                                                                                                                                                                                                                                                                                                                                                    |
| संगठन का नाम / Organisation Name                                                                                                                                                                                            | National Institute Of Technology (nit)                                                                                                                                                                                                                                                                                                                                                                            |
| कार्यालय का नाम / Office Name                                                                                                                                                                                               | Raipur                                                                                                                                                                                                                                                                                                                                                                                                            |
| कुल मात्रा / Total Quantity                                                                                                                                                                                                 | 6                                                                                                                                                                                                                                                                                                                                                                                                                 |
| वस्तु श्रेणी / Item Category                                                                                                                                                                                                | 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)                                                                                                                                                                                                                                                                                                                                                                                                        |
| टर्नओवर के लिए एमएसई को छूट प्राप्त है / MSE Exemption for Turnover                                                                                                                                                         | Yes   Complete                                                                                                                                                                                                                                                                                                                                                                                                    |
| टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है / Startup Exemption for Turnover                                                                                                                                                 | Yes   Complete                                                                                                                                                                                                                                                                                                                                                                                                    |
| विक्रेता से मांगे गए दस्तावेज़ / Document required from seller                                                                                                                                                              | Experience Criteria, Past Performance, Bidder Turnover, Certificate (Requested in ATC), OEM Authorization Certificate, Additional Doc 1 (Requested in ATC), Compliance of BoQ specification and supporting document<br>*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 मेन् 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 बढ़ाने के लिए आवश्यक न्यूनतम सहभागी विक्रेताओं की संख्या / Minimum number of bids required to disable automatic bid extension                                                                         | 1                                                                                                                                                                                                                                                                                                                                                                                                                 |

| 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>                                                                   | 7                           |
| विगत प्रदर्शन / <b>Past Performance</b>                                                                                                                                                      | 20 %                        |
| बिड से रिवर्स नीलामी सक्रिय किया/ <b>Bid to RA enabled</b>                                                                                                                                   | No                          |
| बिड का प्रकार/ <b>Type of Bid</b>                                                                                                                                                            | Two Packet Bid              |
| तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय / <b>Time allowed for Technical Clarifications during technical evaluation</b>                                                    | 2 Days                      |
| निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/ <b>Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)</b> | No                          |
| मूल्यांकन पद्धति/ <b>Evaluation Method</b>                                                                                                                                                   | Total value wise evaluation |
| मध्यस्थता खंड/ <b>Arbitration Clause</b>                                                                                                                                                     | No                          |
| सुलह खंड/ <b>Mediation Clause</b>                                                                                                                                                            | No                          |

#### ईएमडी विवरण/EMD Detail

|                   |    |
|-------------------|----|
| आवश्यकता/Required | No |
|-------------------|----|

#### ईपीबीजी विवरण /ePBG Detail

|                   |    |
|-------------------|----|
| आवश्यकता/Required | No |
|-------------------|----|

#### विभाजन/Splitting

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

#### एमआईआई खरीद वरीयता/MII Purchase Preference

|                                            |    |
|--------------------------------------------|----|
| एमआईआई खरीद वरीयता/MII Purchase Preference | No |
|--------------------------------------------|----|

#### एमएसई खरीद वरीयता/MSE Purchase Preference

|                                           |     |
|-------------------------------------------|-----|
| एमएसई खरीद वरीयता/MSE Purchase Preference | Yes |
|-------------------------------------------|-----|

1. If the bidder is a Micro or Small Enterprise (MSE) as per latest orders issued by Ministry of MSME, the bidder shall be exempted from the eligibility criteria of "Bidder Turnover" as defined above subject to meeting of quality and technical specifications. If the bidder itself is MSE OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking exemption from Turnover, shall upload the supporting documents to prove his eligibility for exemption.
2. If the bidder is a DPIIT registered Startup, the bidder shall be exempted from the the eligibility criteria of "Bidder Turnover" as defined above subject to their meeting of quality and technical specifications. If the bidder is DPIIT Registered OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking exemption from Turnover shall upload the supporting documents to prove his eligibility for exemption.
3. 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.
4. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.
5. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 20% 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.

## Digital Trainer Kit ( 6 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                                          | 2                                                               |
|                        | Number of tie points per breadboard with $\pm 25$ tolerance   | 1680                                                            |

| विवरण/Specification                 | विशिष्टि का नाम /Specification Name                                                              | बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values) |
|-------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
|                                     | Number of data switches                                                                          | 16                                                              |
|                                     | Number of pulsar switches ( Push to On)                                                          | 2                                                               |
|                                     | Range of fixed clock in Hz                                                                       | 1 Hz to 100 KHz in 6 steps                                      |
|                                     | Type of connectivity                                                                             | Snap fit                                                        |
|                                     | Number of seven segment display with BCD Inputs                                                  | 2                                                               |
|                                     | Number of dual color indicators to observe high/low logic, standard outputs                      | Others                                                          |
|                                     | Warranty in years                                                                                | 1                                                               |
| Material and dimensional parameters | Size of breadboard in mm x mm                                                                    | 172.5 x 128.5                                                   |
|                                     | Material of case provided for enclosing the kit                                                  | Plastic                                                         |
| Additional parameters               | Number of connecting wires provided                                                              | 25                                                              |
|                                     | Number of 2 mm to 1 mm patch cords provided                                                      | 10                                                              |
|                                     | Number of 2 mm to 2 mm patch cords provided                                                      | 4                                                               |
|                                     | Availability of Built in Power Supply                                                            | Yes                                                             |
|                                     | Block Description Screen printed on glassy epoxy PCB                                             | Yes                                                             |
| Reports                             | Availability of test report from govt/ NABL/ILAC accredited lab covering all parameters          | No                                                              |
|                                     | Copies of all certifications and reports to be provided to buyer on demand at time of supplies , | NA ,Incase test reports not availabble                          |

**Additional Specification Parameters - Digital Trainer Kit ( 6 pieces )**

| Specification Parameter Name | Bid Requirement (Allowed Values) |
|------------------------------|----------------------------------|
|------------------------------|----------------------------------|

| Specification Parameter Name                             | Bid Requirement (Allowed Values)                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Additional parameters for analog bread board trainer kit | 1. On board variable power supply 0 to + 15 V GND , 0 to -15 V GND – 1 set with banana cables 2. On board +12v, +5 V, GND with banana cables 3. On board bread board 2 nos 4. Photographs of equipment showing all the features are required. Detailed brochure of the equipment explaining all features and values with ranges is required. 5. The item should be aesthetically designed injection molded not wooden box, not metallic box (to avoid corrosion and shock possibility) |

\* 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             | Bikesh Kumar Singh                                      | 492010,NIT Raipur G.E. Road, Raipur 492010 | 6                | 30                           |

#### 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

Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address

Biomedical Engineering  
Department  
National Institute of Technology  
Raipur  
G.E. Road Raipur  
.

##### 3. Generic

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

##### 4. 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.

5. **Generic**

Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.

6. **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

7. **Scope of Supply**

Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

8. **OEM**

**IMPORTED PRODUCTS:** In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.

9. **Service & Support**

Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.

10. **Service & Support**

Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

11. **Service & Support**

Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

12. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

1. The participants are requested to upload their bid specific authorization certificate from the OEM along with ink seal and signature.
2. The material will be supplied by the firm specifying the destination and no manpower will be provided by the Institute and lift is also not available.
3. Technical Brochure with Photographs must be provided for Technical Evaluation.
4. Warranty – 1 year and should be calculated from the date of installation.
5. Delivery challan, Invoice, Installation Certificate and Warranty Certificate will be required for bill processing.
6. Installation and Demonstration free of cost at NIT Raipur

## 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 कार्रवाई 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---**