



ITI LIMITED

MSP- NZ II
(AGovt.ofIndiaUndertaking)
ITI Bhawan, TC/18V, Vibhuti Khand, Gomti Nagar
Lucknow –226010 (U.P.)
Website:www.itilttd.in

Expression of Interest for STEM Transformative Lab in Koderma District

EOI No: ITI/MSP/LKO/EDU/STEM_KD

Date:21-11-2024

Selection of agency for Supply of STEM Transformative Lab in Koderma District, JHARKHAND

DueDateofBidSubmission:26-11-2024at13:00Hours
Due Date of Bid Opening: 26-11-2024 at 16:00 Hours

(BidSubmissionthroughOnline/e-Tenderingmodeonly)

HelpdeskforOnlineBidSubmission:011-49606060 /9355030608/
9355030620

Contents

CHAPTER1–INTRODUCTION	3
CHAPTER2–IMPORTANTTIMELINES	4
CHAPTER3–ELIGIBILITYCRITERIAFORBIDDERS	6
TechnicalCriteriaoftheBidders:	7
CHAPTER4–SCOPEOFWORK.....	9
<input type="checkbox"/> Components of Delivery.....	10
<input type="checkbox"/> LearningManagementSystem.....	16
<input type="checkbox"/> Training.....	17
CHAPTER5–TECHNICAL BID & EVALUATION.....	19
<input type="checkbox"/> Technical Evaluation.....	19
<input type="checkbox"/> Financial Evaluation	19
Chapter 6 - TECHNICALBID	20
Chapter 7 – FINANCIAL BID	20
<u>ANNEXURES A-I</u>	<u>23-42</u>

CHAPTER 1 – INTRODUCTION

ITI Limited, a Public Sector Undertaking under the Department of Telecommunications, Ministry of Communications & IT, is a leading Telecom equipment manufacturer and solution provider in India. The major customers are BSNL, BBNL, MTNL, Defence, Paramilitary Forces, Railways, Banks, Central & State Govt. departments, Institutions and Research organizations like ISRO.

ITI Limited has been undertaking various projects in all fields of telecommunications and information technology and also continuously deploying new technologies in the field of Telecom, ICT, Networking, e-Governance etc. ITI has diversified its operation and has been executing projects in the field of Smart Infrastructure (Smart Cities, Safe Cities, Smart Energy Meters, Smart Classrooms, Smart Poles etc.), BharatNet etc.

ITI is interested in addressing some of the prospected business opportunities where it is strongly positioned by virtue of its 'PSU Status', proven 'Project Management Capabilities' and rich Relevant-Experience. ITI is looking for business association from reputed System Integrators/OEMs who can assist ITI to win the business and ultimately help ITI in the execution of the project.

The objective of this Invitation for submission of bid is to identify a System Integration Associate (SIA) to address a particular 'Business Opportunity' / a kind of 'Business Opportunity' which has emerged or under process to emerge from District Administration Koderma for supply of STEM transformative Lab in Koderma District Jharkhand. The prospective customer has already published/disclosed its broad requirement through an Invitation for EOIRFP/Tender/e-Mail/Discussions which is to be responded with the submission of Techno-commercial Proposal/ Bid in due course of time.

The selected Bidders who is to play the role of a '**Service Integrator**' has to enter in to a contract with ITI Limited to forge a case-specific business alliance for addressing the opportunity per the guidelines and process set by the end customer.

During the bidding process, the vendor is supposed to provide the requisite Techno-commercial inputs to ITI as per the Requirements/Specifications/Expectations/Scope of Work of the prospective customer to win a commercial-favor in terms of award of order to ITI.

In the event of the award of an order to ITI, the selected business associate would act as a SI/Vendor/Service Provider to implement the project for which a separate 'Purchase Order' would be placed on the selected SIA, or ITI may follow the procedure as and guidelines as set by the end customer.

CHAPTER2-IMPORTANTTIMELINES

Sl. No.	Important Points / Timelines	Details
1	EoI/RFP/Tender Authority Enquiry	Chief Manager ITI Limited, MSP-UP ITI Bhavan, TC-18V, Vibhuti Khand Gomti Nagar, Lucknow- 226 010, India Phone: (0522) 272-0305 Email:head_mspup@itiltd.co.in; msp_lko@itiltd.co.in
2	Contact Person for the clarification of EoI/RFP/Tender Document	Shri Arun Kumar Singh Chief Manager (MSP-Lucknow) (0522) 272-0305
3	Tender Type (Open/Limited)	Open
4	No. of Cover/Package	Two Cover System
5	Tender Category (Goods/Services/Works)	Services
6	Payment Mode (Online/Offline)	Online
7	EoI/RFP/Tender Document Cost (inclusive of GST)	Rs. 5,000 (Inclusive of GST @18%)
8	EMD Amount	Bid Security of INR 3 Lakhs (3 Lakhs only) - in the form of DD/PBG/NEFT is to be submitted by the participating Bidder.
9	Solvency	Rs.1 Cr.
10	Estimated Value of Enquiry	BOQ
11	Date of Issue/Publishing of the EOI/RFP/Tender	21-11-2024
12	Due Date, Time & Place for Sale of EoI/RFP/Tender Document	26-11-2024 / 13:00 Hrs. / ITI Limited, MSP-UP, Lucknow.
13	Due Date, Time & Place for Opening of Technical Bid	26-11-2024 / 16:00 Hrs. / ITI Limited, MSP-UP, Lucknow.
14	Due Date, Time & Place for Opening of Financial Bid	Will be intimated after course of time.

In order to get the clarity of the scope of work/terms & conditions, the bidders are requested to go through the whole EoI /RFP/Tender document and other project related requirements carefully. An explicit understanding of the requirement is rather essential for arriving at commercial assessment by the prospective bidders.

The selected bidder who is to play the role of a ‘Supplier’ has to enter into a Contract with ITI Limited to forge a case-specific business alliance (under sole investment business model) for arranging the requisite bidding inputs.

This EoI/RFP/Tender is being issued with no financial commitment and the response to this EoI/RFP/Tender shall not be assumed as mandatory for short listing of the vendor for giving the work.

**Chief
Manager MSP-
UP-NZ-II**

CHAPTER 3 – ELIGIBILITY CRITERIA FOR BIDDERS

The Bidders must fulfill the following eligibility criteria:

Sl. No.	Eligibility Criteria	
1	General	This is an Limited tender applicable for Bidders having experience in similar field.
		The bidder must not be BLACK LISTED by any Govt. department/ PSU (State or Central)/ Autonomous Institution as on date of bid/EOI submission. (Declaration on letterhead required as per Annexure-C)
		The bidder must submit certain declarations as per Annexure-D without which bid would not be considered for evaluation.
2	Financial Capabilities	The bidder must have executed a project of Aggregate Annual Turnover of the bidder (For 3 Years)/ 18 Cr (s). Bidder should have experience in similar assignments with the following work order quantities in last 5 years for Government or organization.
		The Bidder must have a positive net worth in the financial year (FY 2023-24) For the purpose of this RFP, net worth shall mean the aggregate value of the paid-up share capital and all reserves created out of the profits and securities premium account, after deducting the aggregate value of the accumulated losses, deferred expenditure and miscellaneous expenditure not written off, as per the audited balance sheet, but does not include reserves created out of revaluation of assets, writeback of depreciation and amalgamation. Certificate from the statutory auditor confirming annual turnover for each of the last 3 years.
3	Experience	a. The bidder should have been awarded at least one project in STEM/AI fields with a value of not less than INR 5.9 Cr from Government Institutions. Work orders from the end client need to be submitted. b. The vendor should have working experience in government schools and institutions and should have worked in at least five (5) states of India, with experience in establishing STEM/AI labs. Work orders from the end client should be submitted (ongoing projects will also be considered)
4	Certifications	The bidder should possess valid certifications: ISO 9001:2015, ISO 27001:2013, ISO/IEC 20000-1:2018, ISO 14001:2015. Copy of valid certifications.
5	Local Presence	The Bidder should have Local Presence in JHARKHAND. If the bidder does not have any local presence as on the date of bidding, then an undertaking is to be submitted confirming the posting of resident engineers at Project Site within 15 days from the date of order placement if the business opportunity gets matured in favor of ITI against this EoI/RFP/Tender.

Technical Criteria of the Bidders:

		Performance Area	Scoring Criteria
A.		Experience & Size	
1.	<i>Company Profile</i>	The MSI/Bidder must be incorporated and registered in India under the Indian Companies Act 1956 or 2013, or a Limited Liability Partnership (LLP) registered under the LLP Act, 2008 or Indian Partnership Act 1932 and should have been in operation in India for a minimum of five years as on 31.03.2024. The MSI must be registered with appropriate authorities for all applicable statutory duties/taxes	<ol style="list-style-type: none"> 1. Copy of certificate of Incorporation/ Registration under Companies Act 1956/2013 (for Indian companies) 2. Copy of GST certificate 3. Copy of Registration certificate 4. Copy of PAN Card 5. Copy of certificate in case of name change
2.	<i>Company Financial Profile</i>	MSI/Bidder must have an average annual turnover of at least INR 18 crores from IT/ITES business for last three audited financial years (i.e. FY 2021-22, 2022-23, 2023-24) And MSI/Bidders should have a positive net worth as on bid submission date	<ol style="list-style-type: none"> 1. Copy of audited profit and loss account and balance sheet for latest three financial years (FY 2021-22, 2022-23, 2023-24) 2. Certificate from Statutory Auditor with UDIN and stamp for both average annual turnover and positive net worth
3.	<i>STEM/AI Lab Experience & Certifications</i>	<p>a. The bidder should have been awarded at least one project in STEM/AI fields with a value of not less than INR 5.9 Cr from Government Institutions. Work orders from the end client need to be submitted.</p> <p>b. The vendor should have working experience in government schools and institutions and should have worked in at least five (5) states of India, with experience in establishing STEM/AI labs. Work orders from the end client should be submitted (ongoing projects will also be considered)</p>	<p>Certifications:</p> <p>The bidder should possess valid certifications: ISO 9001:2015, ISO 27001:2013, ISO/IEC 20000-1:2018, ISO 14001:2015. Copy of valid certifications to be attached.</p>

4.	Local Presence	The MSI/Bidder should have an project office in the State of Jharkhand or should furnish an undertaking that the same would be established within three months of signing the contract if the project is awarded.	Self-certification duly signed by authorized signatory on company letterhead.
5.	Key Certifications	The MSI/Bidders shall provide all the three Certifications valid at the time of bidding: <ul style="list-style-type: none"> • ISO 9001:2015, • ISO 27001:2013, • ISO/IEC 20000-1:2018, • ISO 14001:2015. 	Copies of the valid certificates in the name of the MSI.
6.	POA	Furnishing of the Power of Attorney	Power of Attorney executed by the SI/Bidder in favor of the duly Authorized signatory, certifying him/her as an authorized signatory for the purpose of this EOI
7.	Undertaking on Blacklisting	As on date of submission of the proposal, the MSI/Bidder, shall not be blacklisted / debarred by any State/Central Government Department or Central/State PSUs/PSEs.	The MSI Undertaking as per the format placed at Annexure 8 for this on company letterhead.
8.	OEM Authorization	The SI/Bidders should submit valid letter from all the OEMs confirming the following: <ol style="list-style-type: none"> Authorization for SI Confirm that the products quoted are not "end of life" or "end of sale products". Undertake that the support including spares, patches for the quoted products shall be available for defined project duration 	Documentary evidence <ol style="list-style-type: none"> 1. Authorization letters on OEM Letter Head and 2. Manufacturer's Authorization Form (MAF) from all OEMs' in their Letterhead whose products are being quoted by the MSI need to be attached in the proposal as per format given in the Annexure 14 provided in RFP of the end customer

			tender.
9.	OEM Capabilities	OEM for Server, Storage, Networking, Backup, Security must have director or registered service partner presence in India.	An undertaking from each OEM on the direct or registered service partner presence in India.

Technical Criteria of the Bidders:

- 1) The Bidder has to meet all the Eligibility Criteria to qualify for financial evaluation.
- 2) In case of two or more bidders score having same marks, the bidder with the highest Net worth will be selected.

CHAPTER 4 – SCOPE OF WORK

The primary objective of this project is to introduce the Transformative STEM Lab in schools and institutes and facilitate students' engagement with emerging technologies to enhance skills such as creativity, problem-solving, visualization, and critical thinking. The comprehensive scope of work includes:

- 1.1 Supplying essential hardware and software, project content and manual accompanied by comprehensive warranties and maintenance support, for seamless installation in institutes.
- 1.2 Delivering and installing all Transformative STEM Lab equipment at the designated schools and institute sites, handling all associated costs for supply, installation, and maintenance under a comprehensive warranty.
- 1.3 Providing training in Transformative STEM concepts and technologies for efficient use of the labs
- 1.4 Developing and delivering a tailored Transformative STEM Lab curriculum suitable for each grade, enabling optimal learning outcomes.
- 1.5 Enabling student assessments to gauge their understanding and progress in line with the Transformative STEM curriculum.

Components of Delivery

Serial No.	Hardware	Description	Number of kits
1	Newton Disc	The Newton's Disc Making Kit should consist of essential components, including a motorized base, a wooden disc, and a wooden stand, aiming to effectively demonstrate the principles of additive color mixing and the creation of white light.	1 Kit
2	Working Model of Generator	The model is built on a robust wood base, providing stability and durability. It accommodates various components essential for demonstrating mechanical to electrical energy conversion. These components include mechanical systems like gears and pulleys, electronic-electrical components such as generators and wiring systems, and supplementary cardboard and paper elements for visual representation. Each hardware component is carefully selected to ensure functionality and educational value, creating a comprehensive demonstration suitable for classroom and workshop environments.	1 Kit
3	Periscope	The Periscope kit should include modular components that can be easily assembled and disassembled using elastic band joining mechanisms—no glue or tools required. Accompanied by age-appropriate instructional materials, the kits should facilitate independent learning while promoting the exploration of STEAM topics such as refraction and trigonometric ratios. With durable materials and engaging design elements, the kits should provide a safe and stimulating environment for children to discover the wonders of science and technology	1 Kit
4	Floating Magnets	The Floating Magnet kit should consist of three big ring magnets and eight small ring magnets, iron filling, needle, pins, pencil, foam base, plastic strip, acrylic strip, straws, fan, etc. The Kit should help to understand and bring conceptual clarity to students' minds about magnets and magnetism.	1 Kit

5	Hydro Turbine	<p>The Hydro Turbine Kit should have ingeniously crafted from durable cardboard, providing an immersive and tactile learning experience that comprehensively elucidates the intricate process of electricity generation in dams. Through hands-on assembly and interactive demonstrations, users gain a deep understanding of the underlying principles behind hydroelectric power generation, including the conversion of water flow into rotational energy and subsequently into electrical power. The kit's should have meticulous design allows for a thorough exploration of key concepts, making it an invaluable educational tool for students and enthusiasts alike, fostering a greater appreciation for sustainable energy solutions.</p>	1 Kit
6	Newton Cradle	<p>The kit should incorporates a frame and balls, meticulously designed to exemplify Newton's laws through the dynamic interactions observed during collisions. Crafted with exceptional quality, the steel components minimize energy dissipation, allowing the balls to sustain motion for extended periods. The kit should be mounted on a sturdy minimum 100mm x 78mm redwood base, standing tall at 184mm to ensure stability. With its impressive construction and demonstration capabilities, this kit is ideal for illustrating fundamental physics principles in an engaging and educational manner.</p>	1 Kit

7	Wind Mill	<p>The complete set of mini wind turbine generator model kits offers an engaging DIY experience, requiring assembly to enjoy the hands-on fun while learning about renewable energy. With the ability to rotate 360 degrees and automatically align with the wind direction, this kit showcases the principles of wind power generation in an interactive manner. Equipped with a power generation LED light that operates on low power consumption, the kit demonstrates how even minimal wind energy can produce enough power to illuminate the LED. Ideal for teaching experiments, this kit cultivates students' and kids' hands-on abilities while providing valuable insights into sustainable energy solutions. Featuring a compact motor size of approximately 16.5x16x16mm and a fan diameter of 57mm, the finished product measures approximately 200x190x130mm (7.87x7.48x5.12 inches), making it a versatile and educational tool for exploring renewable energy Concepts</p>	1 Kit
8	Wave Motion	<p>The Wave Motion (Hand Motion) DIY Kit for Students offers an exciting and educational opportunity to delve into the fascinating world of wave motion. Designed to spark curiosity and engagement, students can construct their own setup and delve into the intricacies of wave motion and its various effects. Complete with all necessary materials and an easy-to-follow instruction manual, the kit empowers students to embark on a journey of exploration and discovery. Through hands-on experimentation, students gain insights into the properties and behavior of waves, fostering a deeper understanding of scientific principles in an interactive manner. Perfect for igniting a passion for science and technology, this kit provides a dynamic platform for learning and exploration, making science both accessible and enjoyable for students of all ages.</p>	1 Kit
9	Archimedes Screw	<p>The kit should fostering a deeper understanding of scientific concepts while igniting curiosity and creativity. With a focus on hands-on exploration, The kit should Consisting of a helical screw blade wrapped around a cylindrical shaft, and capable of explaining the concept of Archimedes Screw</p>	1 Kit

10	Pin Hole Camera	The kit should be capable of capturing images without the use of a lens. the kit should consists of a light-tight box or container with a small aperture, or pinhole, on one side and a photosensitive surface (such as film or photographic paper) on the opposite side. The pinhole kit should consist of wooden aperture and film or photographic paper Pinhole cameras are often used for educational purposes to demonstrate the principles of optics and photography.	1 Kit
11	4 Stroke Engines	The kit should be able to exploration of internal combustion engines. The kit should have functional parts including a crankshaft, cam, cam gear, connecting rods, piston, intake/exhaust valves, rocker arms, push rods, and a fuel pump, this kit offers a hands-on journey through the workings of a 4-stroke petrol motor. Featuring the ability to activate the ignition light and glow plug with a 6V power supply, students can observe real-time demonstrations of engine ignition and operation.	1 Kit
12	Tangram	Tangram should have triangles of various sizes, squares, and parallelograms. The objective of the game is to rearrange these tans to create various shapes and figures, using all seven pieces without any overlap. Tangram puzzles should capable of promoting spatial awareness, problem-solving skills, and creativity.	1 Kit
13	Infinity Tunnel	Infinity Tunnel, Black and White, design combines retro aesthetics with mesmerizing optical illusions to create a truly captivating visual experience. Perfect for adding a touch of intrigue and depth to any space, this printable poster features an intricate arch tunnel design that seemingly extends into infinity, drawing viewers into a captivating journey through space and time.	1 Kit
14	Tornado	The vortex in this experiment should be created when gravity pulls a liquid through an opening to form a rotating tornado. Swirling the water in a bottle while pouring it out causes the formation of a vortex, making it easier for air to come into the bottle and allows the water to pour out faster.	1 Kit
15	DNA Model	To explain structure and composition of DNA, RNA, and proteins. Built out of interlocking ball-joints, flexible nucleic acid and polypeptide models can be disassembled and reassembled with ease. Integrating RNA and amino acid components, this kit allows for hands-on exploration of DNA replication, DNA transcription, and mRNA translation.	1 Kit

16	Gyroscope	To explain the orientation of the axis is not affected by tilting of the mounting, so gyroscopes can be used to provide stability or maintain a reference direction in navigation systems, automatic pilots, and stabilizers device consisting of a wheel or disc mounted so that it can spin rapidly about an axis which is free to assume any orientation. This unique property arises due to the conservation of angular momentum, allowing the gyroscope to maintain a stable reference direction regardless of the moment of its mounting.	1 Kit
17	Rain Gauge	The rain gauge is a meteorological instrument for measuring the amount of precipitation (especially rainfall amounts) fallen during a given time interval at a certain location. In short - the rain gauge is used to measure rainfall.	1 Kit
18	Robotic Arm	Robotic arm model is a prototype of an industrial based robotic Mechanical Arm arm showing the movement of different segments with an ability to pick and place an object.	1 Kit
19	Mini Humanoid	A two-legged robot demonstrating function of walking, dancing which also can detect an obstacle or an object and based on that traverse the path.	1 Kit
20	Advance Gear Kit	This is Motorised gear Kit to learn transformation of motion and Types of motions which consists of Various Types of Gears.	1 Kit
21	Light & Optics	To teach concepts of Reflection and Refraction. The Kit consists of following: 2 Convex lenses, 2 Concave lenses, Light Pipes, Prism of various types, Set of rectangular and semi-circular blocks. A total of 12 acrylic blocks accompanies each ray box and the ray box has a facility to project 3 beam of light in 2 colours.	1 Kit
22	Molecular Set	Molecules of Carbon, Oxygen, Hydrogen and all valance atoms.	1 Kit
23	Fiber To Fabrics	Aim of this kit is to demonstrate the process of cloth- making using the yarn	1 Kit
24	Electricity And Electronics	This kit helps us to understand the concept of electrical circuits with various electronic components. Students will be able to understand types of circuits, types of connections, voltage and current, and resistance color code.	1 Kit
25	Air Powered Car	This kit helps us to understand Newton's 3rd Law. also concept of Air exerting pressure is introduced.	1 Kit
26	Hydraulic Jack	This kit helps students understand the working principle of a hydraulic lift.	1 Kit

27	Rubber Power Plant	Educational Model Aeroplane Kits to learn various Physics Concepts, made of Balsa wood which flies when gently launched into air. These kits are designed to help students understand principles such as aerodynamics, lifts. Thrust, drag and gravity through handsome experience and experimentation.	1 Kit
28	Solar Kit	This kit is also known as a non-conventional energy resource kit which helps students to understand the importance of light energy and sustainability in the environment.	1 Kit
29	Art And Craft Kit	This kit helps students to tinker with various cutting tools, gluing tools, and binding tools. It consists of basic stationaries and art tool.	
30	3D Printer -	Extruder Number: 1, Printing Thickness: 0.1-0.4 mm, Package Size: 480*420*510mm, Build Volume: 150*150*150 mm, N.M. / G.W: 9/13 kg, Build Plate Temperature(Highest):45 db, Printing Precision:0.1- 0.2 mm, Device Size: 388*340*405mm, Printing Noise, 100°C	1 Kit
31	Filament	Different color of PLA for 3d printer	3 Set
32	3D Pen	Extrusion Mode: Fused Deposition Modeling / Melting Formation: 3D Width of Extrusion: Manual Filament Used: ABS, PLA Diameter of Filament: 1.75mm Speed Of Extrusion: Adjustable , Nozzle Hole Size : 0.7mm	2 Kit
33	Human Body Psychology Kit	human body kit is understanding the human body parts	1 Kit
34	Mechanical Construction Kit	The mechanical construction should be capable of making at least 10 different models	1 Kit
35	Bricks Circuit Kit	Bricks Circuit kit is capable of explaining different concept of science like Magnet-controlled variable speed electric fan FM Radio Magnet-controlled medium pitch sound of patrol wagon, with light Magnet-controlled alternating light	1 Kit
36	Electronics Brain Kit	electronics brain kit should have different blocks that are capable of clearing the concept of science on different topics like, open close circuit, led, logics gates, etc	1 Kit
37	Fraction Kit	This kit is perfectly designed to understand the concepts of fractions or by parts.	1 Kit
38	Algebra Kit	It is a demonstration model of $(a+b)^2$, $(a+b+c)^2$, $(a+b)^3$, $(a+b)^2-(a-b)^2=4ab$.	1 Kit
39	Abacus	This is a simple wooden Abacus in ascending order which helps students to develop early maths skills and learn to count till 10	1 Kit

40	Circle Kit	This kit is a perfect resource for students to create and understand various circles and quadrants understanding radiant and pie ratios.	1 Kit
41	Shapes and Pattern Kit	This kit helps children to learn various geometrical shapes and patterns with wonderful learning experience along with the opportunity to be creative.	1 Kit
42	Interlocking Cubes	This kit provides mathematical learning experiences and also develops the concept of counting, sorting, place values, number operations, patterns, mensuration, etc.	1 Kit
43	Pythagoras Kit	The kit should consist of a right-angled triangle and 1 big square to understand the relationship between perpendicular base and hypotenuse.	1 Kit
44	Triangle Kit	This kit allows children to learn the classification, congruency, and similarity of triangles.	1 Kit
45	Software		Compatible Software
46	Curriculum Mapped Content		Integration across subjects for Distinct Board Curriculum
47	Training		3 Days (18 hours)
48	Learning Management System		For 500 Students for 1st year
49	Helpdesk		During office hours other than official holidays

- **Learning Management System**

1. Integrated Learning Platform: Bidders should have a comprehensive teaching and learning platform, accessible through web and mobile apps.

2 Real-time Progress Monitoring: The system should enable continuous tracking of student lessons via the app and web portal. LMS should enable reports and certificate generation upon course completion.

3 Engagement and Competition: The LMS should have a leaderboard and gamification elements that encourage healthy competition among students, based on lessons completed within the platform.

4 Structured Learning Path: LMS should enable course locking initially, unlocking sequentially to guide students through a methodical learning journey. The LMS should include tools for assigning quizzes, assignments, and projects to enhance the learning experience.

- **Training**

The Bidder acknowledges and agrees to provide comprehensive training services to the recommended institute at the site as an integral component of the project.

The training shall be designed to equip the recommended institute with the necessary skills and knowledge to effectively utilize and maintain the products offered under this bid. The following terms and conditions shall govern the provision of training services.

1. Scope of Training

The training shall cover the operational aspects, maintenance procedures, troubleshooting techniques, and any other relevant topics necessary for the successful use of the products. The training content shall be tailored to the recommended institute and aligned with the products being delivered.

2. Training Delivery

The training shall be delivered, which may include on-site training sessions, remote training modules, written materials, and online resources. The training schedule shall be integrated into the overall project timelines.

3. Trainers' Qualifications:

The Bidder shall assign qualified trainers with relevant qualifications and experience to conduct the training sessions.

4. Training Materials:

The Bidder shall provide the necessary training materials, including documentation, manuals, presentations, and any other resources required for effective training.

5. Evaluation and Feedback:

The Bidder shall actively seek feedback from the recommended institute during and after the training sessions to ensure the effectiveness and quality of the training.

6. Travel and Accommodation:

The Bidder shall bear the costs associated with travel, accommodation, and other related expenses for their trainers.

7. Documentation of Training:

The Bidder shall maintain records of the training sessions, including attendance sheets, training materials, and feedback received.

8. Duration of Training:

The training services shall be provided for a period of a minimum of 3 days (18 hrs) at the site.

Submission Details

The EOI may be sent in a sealed cover marked: “Expression of Interest for Establishment of Transformative STEM Labs” to the address mentioned above. The submission deadline is 29.11.2024

CHAPTER5–TECHNICAL BID & EVALUATION

• Technical Evaluation

1. Detailed technical evaluations shall be carried out in the EoI document to determine the substantial responsiveness of each Bidder. The substantially responsive bid is one that conforms to all the eligibility and scope of work of the EoI without any material deviation.
2. The evaluation committee may call the responsive Bidder(s) who comply with all terms and conditions of the EoI for discussion and presentation to facilitate and assess their understanding of the scope of work and its execution. The Bidder(s) will give a detailed presentation on how their technology is best suited for End Customer. However, the committee shall have sole discretion to call for discussion/presentation.
3. In case of single proposals received by the End customer, the customer reserves the right to proceed with the same without re-issuance of the EoI.
4. No further subcontracting & subletting of Contract/SOW will be allowed by any of Bidder.
5. All annexure to be printed & signed by Bidder on its letter head.

• Financial Evaluation

All annexure are to be printed Selection would be Least Cost Selection (LCS) Basis. The evaluation Committee will shortlist the agency who has quoted least cost among all bidders.

Chapter 6 - TECHNICAL BID

Technical bid shall consist of the following:

1	Power of Attorney (POA) towards bid signing authority / Authorization letter from Director or CEO of the Bidder (in Company's letterhead) authorizing the person towards bid signing authority.
2	Bid Covering Letter (as per Annexure-A).
3	Bidder's Profile (as per Annexure-B).
4	Tender Document Fee.
5	Certificate of Incorporation, Memorandum of Association (MOA) & Articles of Association (AOA).
6	PAN Registration Certificate/PAN Card.
7	GST Registration Certificate.
8	EPF & ESIR Registration Certificates.
9	ISO & CMMI Certificates
10	Clause-by-clause Compliance Statement of Bidder's Eligibility Criteria (as per Annexure-C) along with supporting documents.
11	General Declaration of Bidder (as per Annexure-D).
12	Declaration of Bidder being not Blacklisted/Debarred (as per Annexure-E).
13	Declaration of Bidder towards Local Presence in Project Site (as per Annexure-F).
14	BANK GUARANTEE PROFORMA FOR PERFORMANCE SECURITY DEPOSIT
15	Audited financial statements (Balance Sheet & P/L Accounts) for last three financial years (2021-22, 2022-23, 2023-24).
16	Certificate from Statutory Auditor/CA specifying the Positive Net Worth for last three years [2021-22, 2022-23 & 2023-24].
17	Experience Certificates: Work Order / Agreements of the projects along with completion certificates clearly highlighting the Scope of Work (SOW), Bill of Material (BOM), cost of the project(s). The experience is required to meet the eligibility conditions detailed in the Bidder's Eligibility Criteria.
18	Certification in Bidder's letterhead towards Funding Plan to execute the project or Solvency Certificate from the banker.
19	PROFORMA OF NON-DISCLOSURE AGREEMENT (NDA) (as per Annexure-I). NDA to be submitted.
20	Tender document duly signed by the authorized person of the Bidder at bottom of each page of the complete tender document as an acceptance for having read, understood and accepted the tender.
21	All other docs as mentioned in this tender elsewhere.
22	An undertaking of non-subcontracting & subletting of Contract/SOW will be allowed by any of Bidder

Chapter 7 – FINANCIAL BID

Financial bid shall consist of the following:

“Selection of agency for Supply of STEM Transformative Lab in Koderma district, Jharkhand”

Sl.No.	Component of Delivery	Quantity	Quoted Amount
1	Newton Disc	1 Kit	
2	Working Model of Generator	1 Kit	
3	Periscope	1 Kit	
4	Floating Magnets	1 Kit	
5	Hydro Turbine	1 Kit	
6	Newton Cradle	1 Kit	
7	Wind Mill	1 Kit	
8	Wave Motion	1 Kit	
9	Archimedes Screw	1 Kit	
10	Pin Hole Camera	1 Kit	
11	4 Stroke Engines	1 Kit	
12	Tangram	1 Kit	
13	Infinity Tunnel	1 Kit	
14	Tornado	1 kit	
15	DNAModel	1 Kit	
16	Gyroscope	1 Kit	
17	Rain Gauge	1 Kit	
18	Robotic Arm	1 kit	
19	Mini Humanoid	1 kit	
20	Advance Gear Kit	1 Kit	
21	Light & Optics	1 kit	
22	Molecular Set	1 kit	
23	Fiber To Fabrics	1 Kit	
24	Electricity And Electronics	1 kit	
25	Air Powered Car	1 kit	
26	Hydraulic Jack	1 Kit	
27	Rubber Power Plant	1 kit	

28	SolarKit	1kit	
29	ArtAndCraftKit	1Kit	
30	3D Printer - Features: Printer Dimensions:150*150*150, Printer Frame Material: Metal,Platform Board Material: Glass, Screen: ColorTouch Screen, Resume From Outage. Material:PLA,TPU,WoodSap,PETGPLA+,Co nnectivity:USB,DisplayWithSDCardSupport.	1 Nos	
31	Filament–PLAOfDifferent Colors	3Sets	
32	3DPrintingPen	2Kit	
33	HumanBodyPsychologyKit	1Kit	
34	MechanicalConstructionKit	1Kit	
35	BricksCircuitKit	1Kit	
36	ElectronicsBrainKit	1Kit	
37	FractionKit	1Kit	
38	AlgebraKit	1Kit	
39	Abacus	1Kit	
40	CircleKit	1Kit	
41	ShapesAndPatternKit	1Kit	
42	InterlockingCubes	1Kit	
43	PythagorasKit	1Kit	
44	TriangleKit	1Kit	
45	Software	Compatiblesoftware	
46	CurriculumMappedContent	Integration AcrossSubjects for Distinct BoardCurriculum	
47	Training	3days(18 hours)	
48	Learning ManagementSystem	For 500 Students for 1Year	
49	Helpdesk	During office hours otherthan officialholidays	

Note:

1. The bidder shall quote the rate exactly as per the above format. Any change in format may lead to rejection of the price bid.

2. Rate will be evaluated including GST.
3. In case of discrepancy between rate in figure and words, the rate quoted in words shall prevail.
4. Price Bid of only technically qualified bidders will be opened.

For the Bidder's Firm
(Authorized Signatory with Name and Stamp)

(Annexure-A)

Bid Covering Letter

To
ITI Limited, MSP-
UP ITI Bhavan, TC-
18V
Vibhuti Khand, Gomti Nagar
Lucknow-226 010, India

Ref: Tender no. dated

Subject: Bid Covering Letter against Expression of Interest (EoI)

Dear Sir,

Having examined the EoI/RFP/Tender document, we hereby submit our bid for the subject requirement which has emerged from some Government body to implement the above captioned project.

We confirm that the information contained in this response or any part thereof, including its exhibits, and other documents and instruments delivered or to be delivered to ITI Limited is true, accurate, verifiable and complete. This response includes all information necessary to ensure that the statements therein do not in whole or in part mislead the Buyer in its short-listing process.

We fully understand and agree to comply that on verification, if any of the information provided here is found to be misleading the short-listing process, we are liable to be dismissed from the selection process or termination of the agreement during the project, if selected to do so.

We agree for unconditional acceptance of all the terms and conditions set out in the EoI/RFP/Tender document including annexures and corrigendum if any and also agree to abide by this tender response for a period of 6 months from the date fixed for bid opening.

We hereby declare that in case the agreement is awarded to us, we shall submit the Performance Guarantee in the form of bank guarantee in the format to be provided by ITI Limited.

We agree that ITI Limited is not bound to accept any tender response that they may receive. We also agree that ITI Limited reserves the right in absolute sense to reject all or any of the services specified in the tender response.

It is hereby confirmed that I/We are entitled to act on behalf of our company/ corporation/ firm/ organization and empowered to sign this document as well as such other documents, which may be required in this connection.

We understand that it will be the responsibility of our organization to keep ITI Limited informed of any changes in respect of authorized person and we fully understand that ITI Limited shall not be responsible for non-receipt or non-delivery of any communication and/or any missing communication in the event reasonable prior notice of any change in the authorized person of the company is not provided to ITI Limited.

Dated this Day of **2024**

Authorized Signatory Name:

Designation:

(Company Seal)

Note: To be submitted in Company Letterhead

Bidder's Profile

1.	Name and address of the company			
2.	Contact Details of the Bidder (Contact person name with Designation, Telephone Number, FAX, E- mail and Web site)			
3.	Area of Business			
4.	Annual Turnover in last 3 financial years (Rs in Crore)	2021-22	2022-23	2023-24
5.	IT Turnover in last 3 financial years (Rs in Crore)	2021-22	2022-23	2023-24
6.	Profit / Loss in last 3 financial years (Rs. in Crore)	2021-22	2022-23	2023-24
7.	Net-worth in last 3 financial years (Rs in Crore)	2021-22	2022-23	2023-24
8.	Date of Incorporation			
9.	GST Registration number			
10.	PAN Number			
11.	CIN Number, if applicable			
12.	Number of technical manpower in company's rolls			

Dated this Day of **2024**

Authorized Signatory Name:

Designation:

(Company Seal)

Note: To be submitted in Company Letterhead

(Annexure-C)

To,
ITI Limited, MSP-
UP ITI Bhavan, TC-
18V
Vibhuti Khand, Gomti Nagar
Lucknow-226 010, India

Subject: Undertaking towards Non-Black Listing of our firm by any Govt. Body.

Dear Sir,

We hereby declare that we have not been BLACK LISTED by any Govt. department/ PSU (State or Central)/ Autonomous Institution against our performance obligation in India and there has been no litigation with any government department on account of similar services for the last 5 years.

This declaration is being submitted as per the requirement of your EoI/RFP/Tender.

Dated this Day of **2024**

Authorized Signatory Name:

Designation:

(Company Seal)

Note: To be submitted in Company Letterhead

(Declarations / Annexure-D)

To
ITI Limited, MSP-
UP ITI Bhavan, TC-
18V
Vibhuti Khand, Gomti Nagar
Lucknow-226 010, India

Subject: Declarations against Expression of Interest (EoI) for

Tender no. dated

Dear Sir,

We hereby declare / undertake the following:-

We hereby declare that we will work with ITI as per EOIRFP/Tender terms and conditions of ITI as well as end customer including warranty & post-warranty services and implementation of the project in the event of ITI winning the contract on back-to-back basis.

We hereby declare that we will submit the Tender Fee & EMD (while submitting the bid to the end customer in the form of Bank Guarantee / Demand Draft / Online Payment from any Nationalized / Scheduled Bank) & Performance Bank Guarantee to end customer or ITI (as decided by ITI) as per EoI/RFP/Tender terms & conditions. We also undertake that we will provide EMD & PBG to ITI as per the end-customer's EoI/RFP/Tender terms even if ITI is exempted to submit the same to end-customer because of its PSU status.

We hereby declare that we have 'No Objection/ No Claim/ No Compensation' from ITI Limited if this EoI/RFP/Tender is cancelled at any stage of evaluation process by ITI or the main EoI/RFP/Tender is cancelled by the end customer.

We hereby undertake that we will be equipped with the required manpower with qualifications, certifications and experience as required in the end customer's EoI/RFP/Tender.

We hereby undertake that we will be able to give the proposed solution as required in the end customer's EoI/RFP/Tender.

We hereby undertake that we will arrange required certificate & support (warranty & post-warranty/maintenance) in the name of ITI Limited from the OEM as per end customer's requirement.

We hereby undertake that we will obtain relevant statutory licenses for operational activities.

We indemnify ITI Limited from any claims / penalties / statutory charges / liquidated damages / legal expenses if any etc. as charged by the end customer.

We hereby undertake to make arrangement for signing of agreement between OEM and ITI as per end customer's EoI/RFP/Tender requirement.

We hereby undertake that the OEMs who meet the eligibility and other conditions as per end customer's EoI/RFP/Tender requirement will be finalized by us and produce the required eligibility documents and other related documents of the OEM for final bid submission.

We hereby agree to take the responsibilities covered in the agreement (on back-to-back basis) to be signed between ITI & OEM (if required) as per end customer's EoI/RFP/Tender terms & conditions.

We hereby declare to supply equipment/components which are brand new, first hand and contain no previously used, recycled or refurbished components.

We hereby declare not to partner with any other organization for addressing this EoI/RFP/Tender.

We hereby declare to accept payment terms on back-to-back basis. Penalties, if any, will be borne by us.

We hereby agree that ITI may take any punitive action as deemed fit, including forfeiture of EMD / Security submitted by us, if it is found that any of the documents / information provided by us (to meet the tender requirement including eligibility) is wrong/ forged/ misleading at any stage of tender processing / evaluation. The decision of ITI regarding forfeiture of the EMD shall be final and shall not be called upon question under any circumstances.

Dated this Day of **2024**

Authorized Signatory Name:

Designation:

(Company Seal)

Note: To be submitted in Company Letterhead

(Annexure-E)

Compliance Statement of Eligibility Criteria As per EOI No:
Dated....

Sl. No.	Clause No.	Clause	Compliance (Complied/Not Complied)	Remarks with Reference Documentary

Dated this Day of **2024**

Authorized Signatory Name:

Designation:

(Company Seal)

Note: To be submitted in Company Letterhead

(Bid Security Declaration / Annexure-F)

To
ITI Limited, MSP UP
ITI Bhavan, TC-18
Vibhuti Khand, Gomti Nagar
Lucknow-226010, India

Subject: Bid Security Declarations against Expression of Interest (EOI) for.....

Ref: EOI/Tender no. dated

Dear Sir,

I/We, the undersigned hereby declare that:

I/We know that the bid should be supported by a Bid Security Declaration (in lieu of EMD as per end customer) in accordance with your conditions. I/We accept to automatically be suspended from being eligible for bidding in any contract in ITI Limited for a period of three years from the date of opening of Bid, if I am/We are in breach of our obligation(s) under the bid conditions, because I/We

- a) have withdrawn our Bid during the period of bid validity or its extended period, if any; or
- b) having been notified of the acceptance of our Bid by the Contracting Authority within the period of bid validity-
- i) have withdrawn/modified/amended, impairs or derogates from the EOI / tender, my/our Bid during the period of bid validity or its extended period, if any;
OR
- ii) have failed or refused to furnish a Performance Security in accordance with the Condition of the EOI/Tender Document;
OR
- iii) have failed or refused to sign the contract.

I/We know that this Bid Security Declaration will expire, if contract is not awarded to us, upon:

- a) the receipt of your notification to us of the name of the successful Bidder; or
- b) thirty days after the expiration of the validity of my/our Bid or any extension to it.

Dated this Day of **2024**

Authorized Signatory Name:

Designation:

(Company Seal)

Note: To be submitted in Company Letterhead

INTEGRITY PACT

PURCHASE ORDER No.

THIS Integrity Pact is made on.....day of2024.

BETWEEN:

ITI Limited having its Registered & Corporate Office at ITI Bhavan, Dooravaninagar, Bangalore – 560 016 and established under the Ministry of Communications, Government of India (hereinafter called the Principal), which term shall unless excluded by or is repugnant to the context, be deemed to include its Chairman & Managing Director, Directors, Officers or any of them specified by the Chairman & Managing Director in this behalf and shall also include its successors and assigns) ON THE ONE PART

AND:

..... Represented by Chief Executive Officer (hereinafter called the System Integration Associates(Bidder) which term shall unless excluded by or is repugnant to the context be deemed to include its heirs, representatives, successors and assigns of the contractor ON THE SECOND PART.

Preamble

WHEREAS the Principal intends to award, under laid down organizational procedures, contract for of ITI Limited. The Principal, values full compliance with all relevant laws of the land, regulations, economic use of resources and of fairness/ transparency in its relations with its Contractor(s).

In order to achieve these goals, the Principal has appointed an Independent External Monitor (IEM), who will **monitor** the tender process and the execution of the contract for compliance with the principles as mentioned herein this agreement.

WHEREAS, to meet the purpose aforesaid, both the parties have agreed to enter into this Integrity Pact the terms and conditions of which shall also be read as integral part and parcel of the Tender Documents and contract between the parties.

NOW THEREFORE, IN CONSIDERATION OF MUTUAL COVENANTS STIPULATED IN THIS PACT THE PARTIES HEREBY AGREE AS FOLLOWS AND THIS PACT WITNESSETH AS UNDER:

SECTION 1 – COMMITMENTS OF THE PRINCIPAL

- 1.1 The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:
 - a. No employee of the Principal, personally or through family members, will in connection with the tender for or the execution of the contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the personal is not legally entitled to.
 - b. The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
 - c. The Principal will exclude from the process all known prejudiced persons.
- 1.2 If the Principal obtains information on the conduct of any of its employee, which is a criminal offence under IPC/PC Actor if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary action as per its internal laid down Rules/ Regulations.

SECTION 2 – COMMITMENTS OF THE BIDDER(S)

The BIDDER(s) commits himself to take all measures necessary to prevent corruption. He commits himself observe the following principles during the participation in the tender process and during the execution of the contract.

- a. The Bidder(s) will not, directly or through any other person or firm offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
- b. The Bidder(s) will not enter with other contractors into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
- c. The Bidder(s) will not commit any offence under IPC/PC Act, further the Bidder(s) will not use improperly, for purposes of competition of personal gain, or pass onto others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

- d. The Bidder(s) of foreign origin shall disclose the name and address of the agents/representatives in India, if any. Similarly, the Bidder of Indian Nationality shall furnish the name and address of the foreign principals, if any.
- e. The Bidder(s) will, when presenting the bid, disclose any and all payments made, are committed to or intend to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- f. The Bidder(s) will not bring any outside influence and Govt. bodies directly or indirectly on the bidding process in furtherance to his bid.
- g. The Bidder(s) will not instigate third persons to commit offences outlined above or to be an accessory to such offences.

SECTION 3 – DISQUALIFICATION FROM TENDER PROCESS & EXCLUSION FROM FUTURE CONTRACTS

- 3.1 If the Bidder(s), during tender process or before the award of the contract or during execution has committed a transgression in violation of Section 2, above or in any other form such as to put his reliability or credibility in question the Principal is entitled to disqualify Bidder(s) from the tender process.
- 3.2 If the Bidder, has committed a transgression through a violation of Section 2 of the above, such as to put his reliability or credibility into question, the Principal shall be entitled to exclude including blacklisting for future contract award process. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the Principal taking into consideration the full facts and circumstances of each case, particularly taking into account the number of transgression, the position of the transgressor within the company hierarchy of the Bidder(s) and the amount of the damage. The exclusion will be imposed for a period of minimum one year.
- 3.3 The Bidder(s) with its free consent and without any influence agrees and undertakes to respect and uphold the Principal's absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground including the lack of any hearing before the decision to resort to such exclusion is taken. The undertaking is given freely and after obtaining independent legal advice.
- 3.4 A transgression is considered to have occurred if the Principal after due consideration of the available evidence concludes that on the basis of facts available there are no material doubts.
- 3.5 The decision of the Principal to the effect that breach of the provisions of this Integrity Pact has been committed by the Bidder(s)/ Contractor(s) shall be final and binding on the Bidder(s)/ Contractor(s), however the Bidder can approach IEM(s) appointed for the purpose of this Pact.
- 3.6 On occurrence of any sanctions/ disqualifications etc arising out from violation of integrity pact Bidder(s) shall not be entitled for any compensation on this account.

- 3.7 subject to full satisfaction of the Principal, the exclusion of the Bidder(s) could be revoked by the Principal if the Bidder(s) can prove that he has restored/ recouped the damage caused by him and has installed a suitable corruption preventative system in his organization.

SECTION 4 – PREVIOUS TRANSGRESSION

- 4.1 The Bidder(s) declares that no previous transgression occurred in the last 3 years immediately before signing of this Integrity Pact with any other company in any country conforming to the anti-corruption/ transparency International (TI) approach or with any other Public Sector Enterprises/ Undertaking in India of any Government Department in India that could justify his exclusion from the tender process.
- 4.2 If the Bidder(s) makes incorrect statement on this subject, he can be disqualified from the tender process or action for his exclusion can be taken as mentioned under Section-3 of the above for transgressions of Section-2 of the above and shall be liable for compensation for damages as per Section- 5 of this Pact.

SECTION 5 – PAYMENT CLAUSE

- 5.1 Payment term as per end customer guideline.
- 5.2 Payment mythology will be as per Annexure-I and duly agreed and certified by Bidder, in any case Payment terms of .
- 5.3 ITI will release payment after NOC clearance received from end customer/competent authority.
- 5.4 ITI will release 80% payment against each invoice submitted by Bidder.

SECTION 6 – COMPENSATION FOR DAMAGE

- 6.1 If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Section 3 the Principal is entitled to forfeit the Earnest Money Deposit/Bid Security/ or demand and recover the damages equitant to Earnest Money Deposit/Bid Security apart from any other legal that may have accrued to the Principal.
- 6.2 In addition to 6.1 above the Principal shall be entitled to take recourse to the relevant provision of the contract related to termination of Contract due to Bidders default. In such case, the Principal shall be entitled to forfeit the Performance Bank Guarantee of the Contractor or demand and recover liquidate and all damages as per the provisions of the contract agreement against termination.

SECTION 7 – EQUAL TREATMENT OF ALL BIDDERS

- 7.1 The Principal will enter into Integrity Pact on all identical terms with Bidder and contractors for identical cases.
- 7.2 The Bidder(s) undertakes to get this signed by its authorized signatory along with the tender document/contract before signing the contract. The Bidder(s) shall be responsible for any violation(s) of the provisions laid down in the Integrity Pact Agreement.
- 7.3 The Principal will disqualify from the tender process all Bidders who do not sign this Integrity Pact or violate its provisions.

SECTION 8 – CRIMINAL CHARGES AGAINST VIOLATING BIDDER(S)

- 8.1 If the Principal receives any information of conduct of a Bidder(s) which constitutes corruption or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer of the Principal for appropriate action.

SECTION 9 – INDEPENDENT EXTERNAL MONITOR(S)

- 9.1 The Principal appoints competent and credible Independent External Monitor(s) for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this pact.
- 9.2 The Monitor is not subject to any instructions by the representatives of the parties and performs his functions neutrally and independently. He will report to the Chairman and Managing Director of the Principal.
- 9.3 The Bidder(s) accepts that the Monitor has the right to access without restriction to all product documentation of the Principal including that provided by the Contractor(s). The Bidder(s) will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The Monitor is under contractual obligation to treat the information and documents with confidentiality.
- 9.4 The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the project provided such meeting could have an impact on the contractual relations between the Principal and the Contractor(s). As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in specific manner, refrain from action or tolerate action.
- 9.5 The Monitor will submit a written report to the Chairman & Managing Director of the Principal within a reasonable time from the date of reference or intimation to him by the principal and, should the occasion arise, submit proposals for correcting problematic situations.
- 9.6 If the Monitor has reported to the Chairman & Managing Director of the Principal a substantiated suspicion of an offence under relevant IPC/PC Act, and the Chairman & Managing Director of the Principal has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.
- 9.7 The word '**Monitor**' would include both singular and plural.
- 9.8 Details of the Independent External Monitor appointed by the Principal at present is furnished below: -

IEM1:

Shri Atul Jindal

3/10 Vishesh Khand

Gomtinagar, Lucknow- 226010 (UP)

IEM 2:

Shri Benny John, IRS (Retd.):

Villa No. 36, Kent Plam Villas, Fort Valley Township, Athani,

Kakkanad, Ernakulam, Kerala – 682 030.

Any changes to the same as required/desired by statutory authorities is applicable.

SECTION 10 – FACILITATION OF INVESTIGATION

10.1 In case of any allegation of violation of any provisions of this Pact or payment of commission, the Principal or its agencies shall be entitled to examine all the documents including the Books of Accounts of the Bidder(s) and the Bidder(s) shall provide necessary information and documents in English and shall extend all help to the Principal for the purpose of verification of the documents.

SECTION 11 – LAW AND JURISDICTION

11.1 The Pact is subject to the Law as applicable in Indian Territory. The place of performance and jurisdiction shall be the seat of the Principal.

11.2 The actions stipulated in this Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

SECTION 12 – PACT DURATION

12.1 This Pact begins when both the parties have legally signed it. It expires after 2 Years (Initially) +1 Year based on requirement of end customer on completion of the warranty/guarantee period of the project / work awarded, to the fullest satisfaction of the Principal.

12.2 If the Bidder(s) is unsuccessful, the Pact will automatically become invalid after three months on evidence of failure on the part of the Bidder(s).

12.3 If any claim is lodged/made during the validity of the Pact, the same shall be binding and continue to be valid despite the lapse of the Pact unless it is discharged/determined by the Chairman and Managing Director of the Principal.

SECTION 13 – OTHER PROVISIONS

13.1 This pact is subject to Indian Law, place of performance and jurisdiction is the Registered & Corporate Office of the Principal at Bengaluru.

13.2 Changes and supplements as well as termination notices need to be made in writing by both the parties. Side agreements have not been made.

13.3 If the Contractor(s) or a partnership, the pact must be signed by all Bidders and partners.

13.4 Should one or several provisions of this pact turn out to be invalid, the remainder of this pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

13.5 Any disputes/ difference arising between the parties with regard to term of this Pact, any action taken by the Principal in accordance with this Pact or interpretation thereof shall not be subject to any Arbitration.

13.6 The action stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

In witness whereof the parties have signed and executed this Pact at the place and date first done mentioned in the presence of the witnesses:

For PRINCIPAL

For BIDDER(S)

.....
Name-
Designation-

.....
Name-
Designation-

Witness

Witness

1).....

1).....

**PROCEDURE FOR SUBMISSION OF E-
TENDER**

The Bidders are required to submit soft copies of their bid electronically on the ITI e-Wizard Portal using valid Digital Signature Certificates. Below mentioned instructions are meant to guide the Bidders for registration on the e-Wizard Portal, prepare their bids in accordance with the requirements and submit their bids online on the ITI e-Wizard Portal. For more information, Bidders may visit the ITI e-Wizard Portal <https://itiltdeuniwizarde.com>

1. Registration Process on ONLINE Portal

- a. Bidders to enroll on the e-Procurement module of the portal <https://itiltdeuniwizarde.com> by clicking on the link “Bidder Enrolment” as per portal norms.
- b. The Bidders to choose a unique username and assign a password for their accounts. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the e-Wizard Portal.
- c. Bidders must provide the details of PAN number, registration details etc as applicable and submit the related documents. The user id will be activated only after submission of complete details. The activation process will take minimum 24 working hours. After completion of registration payment, you can also send your acknowledgement copy on our help desk mail id ewizardhelpdesk@gmail.com for activation of your account.
- d. Bidders to register upon enrolment their valid Digital Signature Certificate (DSC: Class III Certificates with signing key and encryption usage) issued by any Certifying Authority recognized by CCA India with their profile.
- e. A Bidder should register only one valid DSC. Please note that the Bidders are responsible to ensure that they do not lend their DSCs to others, which may lead to misuse. Foreign Bidders are advised to refer “DSC details for Foreign Bidders” for Digital Signature requirements on the portal.
- f. Bidder then logs in to the site through the secured login by entering their user ID/password and the password of the DSC / e-Token.

2. Tender Document Search

- a. Various built-in options are available in the e-Wizard Portal to facilitate Bidders to search active tenders by several parameters. These parameters include Tender ID, organization, location, date, value, etc.
- b. There is also an option of advanced search for tenders, wherein the Bidders may combine a number of search parameters such as organization name, a form of contract, location, date, other keywords, etc. to search for a tender published on the Online Portal.
- c. Once the Bidders have selected the tenders they are interested in, they may download the required documents/tender schedules. These tenders can be moved to the respective ‘**Interested Tenders**’ folder. This would enable the Online Portal to intimate the Bidders

through SMS / e-mail in case there is any corrigendum issued to the tender document.

- d. The Bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification/help from the Helpdesk.

3. Bid Preparation

- a. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- b. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid.
- c. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that needs to be submitted. Any deviations from these may lead to rejection of the bid.
- d. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/schedule and generally, they can be in PDF/XLS/PNG, etc. formats. Documents in PDF format with maximum Five (5) Mb file can be uploaded.

4. Bid Submission

- a. Bidder to log into the site well in advance for bid submission so that he/she uploads the bid in time i.e., on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- b. The Bidder to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- c. Bidders must pay required payment (Form fee, EMD, Tender Processing Fee etc.) as mentioned before submitting the bid
- d. Bidder to select the payment option mode as specified in the Schedule (EMD/FORM FEE Section) to pay the form fee/ EMD wherever applicable and enter details of the instrument.
- e. A standard BoQ format has been provided with the tender document to be filled by all the Bidders. Bidders to note that they should necessarily submit their financial bids in the prescribed format and no other format is acceptable.
- f. The server time (which is displayed on the Bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the Bidders, the opening of bids, etc. The Bidders should follow this time during bid submission.
- g. All the documents being submitted by the Bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data, which cannot be viewed by unauthorized persons until the time of bid opening.
- h. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- i. Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- j. Kindly have all relevant documents in a single PDF file.
- k. The off-line tender shall not be accepted and no request in this regard will be entertained whatsoever.

5. Amendment of bid document

At any time prior to the deadline for submission of proposals, the institutions reserve the right to add/ modify/ delete any portion of this document by the issuance of a Corrigendum, which would be published on the website and will also be made available to the all the Bidder who has

been issued the tender document. The Corrigendum shall be binding on all Bidders and will form part of the bid documents.

6. Instruction to Bidders

- a. Process for Bid submission through ITI Ewizard portal is explained in Bidder Manual. Bidders are requested to download Bidder Manual from the home page of website (<https://itilttd.euniwizarde.com>). Steps are as follows:

(Home page → Downloads → Bidder Manuals).

- b. The tenders will be received online through portal <https://itilttd.euniwizarde.com>. In the Technical Bids, the Bidders are required to upload all the documents in .pdf format.
- c. Possession of Valid Class III Digital Signature Certificate (DSC) in the form of smart card/e- Token in the company's name is a prerequisite for registration and participating in the bid submission activities through <https://itilttd.euniwizarde.com>. Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available on the website <https://itilttd.euniwizarde.com> under the link 'DSC help'.

Tenderers are advised to follow the instructions provided in the 'User Guide and FAQ' for the e- Submission of the bids online through the ITI e-Wizard Portal for e-Procurement at <https://itilttd.euniwizarde.com>

- d. The Bidder has to “**Request the tender**” to portal before the “**Date for Request tender document**”, to participate in bid submission.
7. All entries in the tender should be entered in online Technical & Commercial Formats without any ambiguity.
 8. Any order resulting from this e-tender shall be governed by the terms and conditions mentioned therein.
 9. No deviation to the technical and commercial terms & conditions allowed.
 10. The tender inviting authority has the right to cancel this e-tender or extend the due date of receipt of the bids.

ASSISTANCE TO BIDDERS

1. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
2. Any queries relating to the process of online bid submission or queries relating to e-tender Portal in general may be directed to the 12x7 Helpdesk Support.

BANK GUARANTEE PROFORMA FOR PERFORMANCE SECURITY DEPOSIT

Ref:

Date:

To

**ITI
Limited
MSP
TC/18V, Vibhuti Khand, Gomti Nagar
Lucknow-226010, (U.P.) India**

1. As agreed under the relevant terms and conditions of Purchase Order Ref. Dated _____ (hereinafter called the said Purchase Order) between M/s. ITI Limited, MSP NZ-2 (Regional Office Lucknow, TC/18V, Vibhuti Khand, Gomti Nagar Lucknow-226010, (U.P.) India (hereinafter called the Purchaser) and

M/s. _____ (hereinafter called the Supplier) for supply of

_____, the Supplier hereby agrees to furnish a Security Deposit against supply performance by way of an Irrevocable Bank Guarantee for Rs. _____ (Rupees)

We _____ (indicate the name of Bank) (hereinafter referred to as 'THE BANK' at the request of the Supplier do hereby undertake to pay to the Purchaser, an amount not exceeding Rs. _____ (Rupees), against any loss or damage caused to or suffered or would be caused to or suffered by the Purchaser, by reasons or breach by the said Supplier of any of the terms or conditions contained in the said Purchase Order.

2. We (indicate the name of the Bank) do hereby undertake to pay the amount due and payable under this Guarantee without any demur, merely on a demand from the Purchaser stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the Purchaser, by reason of breach by the said Supplier of any of the terms and conditions contained in the said Purchase Order or by reason of the Supplier's failure to perform the said Purchase Order. Any such demand made on the _____ Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee shall be restricted to an amount not exceeding Rs. () Rupees.

3. The Bank further agrees that the Purchaser shall be the sole judge as to whether the said Supplier has committed any breach or breaches of any of the terms and conditions of the contract and the extent of loss, damage, costs, charges and expenses caused to or suffered by or that may be caused to or suffered by the Purchaser on account thereof, and the decision of the Purchaser that the said Supplier has committed such breach or breaches and as to the amount or amounts of loss, damage costs, charges and expenses caused to or suffered by

or that may be caused to or suffered by the Purchaser from time to time shall be conclusive, final and binding on the Bank.

4. We undertake to pay to the Purchaser, any money so demanded notwithstanding any dispute or disputes raised by the Supplier in any suit or proceedings pending before any _____ Court or Tribunal relating thereto our liability under this present being absolute and unequivocal.
5. It shall not be necessary for the Purchaser to proceed against the Supplier before proceeding against the Bank and the Guarantee herein contained shall be enforceable against the Bank notwithstanding any security which the Purchaser may have obtained or obtains from the Supplier.
6. We _____ (indicate the name of Bank) further agree with the Purchaser, that the Purchaser shall have the fullest liberty without our consent and without effecting in any manner our obligation hereunder to vary any of the terms and conditions of the said Purchase Order or to extend time of performance by the said Supplier from time to time or to postpone for any time or from time to time any of the powers exercisable by the _____ Purchaser against the said Supplier and to forbear or enforce any of the terms and conditions relating to the said Purchase Order and we shall not be relieved from our liability by reason of any such variation, or extension being granted to said Supplier or for any forbearance, act or omission on the part of the Purchaser or any indulgence by the Purchaser, to the said Supplier or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
7. This Guarantee will not be discharged due to the change in the constitution of the Bank or the Supplier.
8. We _____ (indicate the name of Bank) undertake not to revoke this Guarantee during its currency except with the previous written _____ consent of the Purchaser, writing.

Notwithstanding anything contained in the foregoing clauses, our liability under this guarantee is restricted to Rs. _____ (Rupees. _____) and our Guarantee shall remain in force until _____ (Date of expiry of warranty period). Unless a demand is made against us to enforce a claim under this guarantee within three months from the date of expiry of warranty period, all your rights under this guarantee shall be forfeited and we shall be relieved and discharged from all liability hereunder.

Date:(Name&Designationof the Signatory/BankOfficial)

Place:

For _____

(indicate the name of Bank)

