

PRE-BID QUERY RESPONSE

NAME OF THE TENDER: SELECTION OF SYSTEM INTEGRATOR FOR “SUPPLY AND INSTALLATION OF 121 ATAL TINKERING LAB INCLUDING OTHER SERVICES IN GOVERNMENT SCHOOLS”

TENDER NO: EDCIL/DES/ATL/2024 DATED 25.01.2024

NAME OF BIDDERS WHO SUBMITTED THE PRE BID QUERIES:

1. STEMROBO TECHNOLOGIES PVT LTD
2. Valuer Fabtex Pvt. Ltd.

| S.NO | SECTION NO. | PAGE NO. | CLAUSE AS PER RFP | CLARIFICATION SOUGHT | RESPONSE |
|------|------------------------------------|---------------|--|---|----------------------------|
| 1 | CHAPTER-V Eligibility Criteria: | Page no 38 | <p>The bidder should be a company registered in India under Companies Act 1956 or 2013 or Proprietorship /Partnership Firm with their registered office in India in operation for at least 10 years preceding the bid due date.</p> <p><u>For MSME/NSIC registered bidder:</u> The bidder should be a company registered in India under Companies Act 1956 or 2013 or</p> | <p>As this project aligns with the ATAL TINKERING LAB initiative by Niti Aayog, the ATL project was introduced in 2016. When evaluating the qualifications of the bidder in the Pre-Qualification (PQ) and Technical Qualification (TQ) phases, it is important to consider their experience in connection with the ATL Project.</p> <p>If a bidder is registered before 2016, they may have experience with 1 or 2 ATL projects within the last 2/3 years.</p> | Refer Corrigendum 01 |

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| | | | <ul style="list-style-type: none"> Proprietorship /Partnership Firm with their registered office in India in operation for at least 5 years preceding the bid due date. | Consequently, such bidders would receive higher marks in PQ/TQ compared to bidders with experience in ATL since 2016. | |
| 2 | CHAPTER-V Eligibility Criteria: | Page no 39 | <p>Bidder should have the experience of Implementation of two work orders of Atal Tinkering Lab each of value not less than 7.26 crore .</p> <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> Bidder should have the experience of Implementation of one work order of Atal Tinkering Lab of value not less than 9.68 crores. | <p>This project is based on the ATL project as per NITI Aayog's ATAL TINKERING LAB. So the ATL project has a budget of 12 lakh per school.</p> <p>Suggestion- The bidder has experience in ATL project their Cumulative work orders should be considered to have value of as per PQ/TQ.</p> <p>Even, till date only one ATL project has introduced a value of more than 5 Cr by one state department.</p> | No Change |
| 3 | TECHNICAL EVALUATION | Page no 40 | <p>The bidder should be a company registered in India under Companies Act 1956 or 2013 or Proprietorship /Partnership Firm with their registered office in India in operation for at least 10 years preceding the bid due date.</p> | <p>As this project aligns with the ATAL TINKERING LAB initiative by Niti Aayog, the ATL project was introduced in 2016. When evaluating the qualifications of the bidder in the Pre-Qualification (PQ) and Technical Qualification (TQ) phases, it is important to consider their experience in connection with the ATL Project.</p> <p>If a bidder is registered before 2016, they may have experience with 1 or 2 ATL</p> | Refer Corrigendum 01 |

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| | | | | projects within the last 2/3 years. Consequently, such bidders would receive higher marks in PQ/TQ compared to bidders with experience in ATL since 2016. | |
| 4 | TECHNICAL EVALUATION | Page no 40 | <ul style="list-style-type: none"> Experience of successfully executing the work of Atal Tinkering Lab each of value not less than 7.26 crore. | <p>This project is based on the ATL project as per NITI Aayog's ATAL TINKERING LAB. So the ATL project has a budget of 12 lakh per school.</p> <p>Suggestion- The bidder has experience in ATL project their Cumulative work orders should be considered to have value of as per PQ/TQ. and marks should be given accordingly</p> <p>Even, till date only one ATL project has introduced a value of more than 5 Cr by one state department.</p> | No Change |
| 5 | Laptop Specifications | 30 | <ul style="list-style-type: none"> Intel i3 / Ryzen R3 (or higher) or an equivalent. 8 GB RAM - 3200 Mhz or higher - expandable to 32 GB (2 Physical DIMM), 512 GB SSD or higher (Should be Dual Storage Capable), Integrated Graphics, | <p>Kindly remove the below mentioned point: -</p> <p>1. Metal-alloy body: - Its heavy in weight, we request to change the Metal alloy body (A& D cover)</p> <p>We request to consider model which is light weight and gives better performance</p> | Refer Corrigendum -01 |

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| | | <ul style="list-style-type: none"> • Minimum 14 -inch LED- backlit (1366 x 768 resolution), • HD webcam Dual Microphone • Integrated Ethernet 10/100/1000 NIC, • Metal-Alloy Body (A& D Cover), • Narrow Bezel (83% Body to Screen Ratio), • Port: HDMI (1.4b) - One (1), Headphone /microphone Combo : One (1), Power connector -One(1), RJ45/Ethernet -One(1)or Wi-Fi enabled, 2 USB 3.1, 1 x USB 2.0, 1 x USB 3.2 Gen 2 (Type C), 1 multi-format digital media reader supporting SD, SDHC, SDXC cards, • Port: HDMI (1.4b) - One (1), Headphone /microphone Combo : One (1), Power connector -One(1), RJ45/Ethernet -One(1)or Wi-Fi enabled, 2 USB 3.1, 1 x USB 2.0, 1 x USB 3.2 Gen 2 (Type C), 1 multi-format digital media reader supporting SD, SDHC, SDXC cards, • Security: Hardware TPM 2.0, Security Lock Slot, | <p>(ACER ONE 14 Z2-493)</p> <p>As per the specification of the port these ports are no longer available, the latest port is available it should be considered</p> <ol style="list-style-type: none"> 1. 1xHDMI 2xUSB 3.2 Gen 1 Type A 1xUSB 3.2 (Gen1) Type C 1xMicro SD card reader 2. 1xRJ45(Gigabit LAN) 1x Audio Combo port 1xDC-in Jack 1xSecurity Lock Slot | |
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|---|----------------|----|--|--|----------------------|
| | | | <ul style="list-style-type: none"> • Battery: 3 cell 36 Whr or better, 3 Year Comprehensive Warranty including with 3 years warranty on battery & adapter • Mandatory Industry Standard Certifications: CE, FCC/UL Compliance, EPEAT/EPR, Energy Star. • OEM should have valid ISO90001, ISO50001, ISO20001, ISO27001 & ISO14001. | | |
| 6 | Speaker | 31 | <ul style="list-style-type: none"> • Speakers with a balanced frequency response (e.g., 60 Hz to 20 kHz), • suitable power handling (aligned with the lab's amplifier), • sensitivity level around 85 dB • Durable construction | <p>Kindly change the Speaker specification due to easy to install, and sound quality is good due to which the student come to listen well.</p> <p>Speakers with a balanced frequency response (e.g., 120Hz to 15 kHz), USB power, Volume Control, 3.5mm Jack S/N ratio ≥ 60dB dB Separation ≥ 50dB</p> | Refer Corrigendum 01 |
| 7 | Plastic Chairs | 32 | <ul style="list-style-type: none"> • Material-Plastic, • Product Dimensions-56.5D x 41W x 86.5H Centimeter's, • Back Style • Should have Arm Rest | Request to kindly consider armless chairs, emphasizing the compact nature of the armless chairs, ideal for maximizing space in classrooms and labs. | Refer Corrigendum 01 |

CORRIGENDUM -01

| S.No. | Tender Page No | Tender Clause Reference | Original Clause | Revised Clause | | | | | | | | |
|--|---------------------------------|--|--|---|---------------------------------|---------------------------------|---------------------------------|---|--|----------------------|----------------------|---------------------|
| 1. | 38 | Clause 6.2 Eligibility Criteria Sr. No. 1 | <p>The bidder should be a company registered in India under Companies Act 1956 or 2013 or Proprietorship /Partnership Firm with their registered office in India in operation for at least 10 years preceding the bid due date.</p> <p>For MSME/NSIC registered bidder: The bidder should be a company registered in India under Companies Act 1956 or 2013 or Proprietorship /Partnership Firm with their registered office in India in operation for at least 5 years preceding the bid due date.</p> | <p>The bidder should be a company registered in India under Companies Act 1956 or 2013 or Proprietorship /Partnership Firm with their registered office in India in operation for at least 8 years preceding the bid due date.</p> <p>For MSME/NSIC registered bidder: The bidder should be a company registered in India under Companies Act 1956 or 2013 or Proprietorship /Partnership Firm with their registered office in India in operation for at least 5 years preceding the bid due date.</p> | | | | | | | | |
| 2. | 40 and 41 | Clause 6.2 Technical Evaluation Sr. No. 1 | <table border="1"> <tr> <td rowspan="3">The bidder should be a company registered in India under Companies Act 1956 or 2013 or Proprietorship /Partnership Firm with their registered office in India in</td> <td>More than 10 Years: 10 Marks</td> </tr> <tr> <td>More than 12 Years: 15 Marks</td> </tr> <tr> <td>More than 15 Years: 20 Marks</td> </tr> </table> | The bidder should be a company registered in India under Companies Act 1956 or 2013 or Proprietorship /Partnership Firm with their registered office in India in | More than 10 Years: 10 Marks | More than 12 Years: 15 Marks | More than 15 Years: 20 Marks | <table border="1"> <tr> <td rowspan="3">The bidder should be a company registered in India under Companies Act 1956 or 2013 or Proprietorship /Partnership Firm with their registered office in India in</td> <td>≥ 12 Years: 20 Marks</td> </tr> <tr> <td>≥ 10 Years: 15 Marks</td> </tr> <tr> <td>≥ 8 Years: 10 Marks</td> </tr> </table> | The bidder should be a company registered in India under Companies Act 1956 or 2013 or Proprietorship /Partnership Firm with their registered office in India in | ≥ 12 Years: 20 Marks | ≥ 10 Years: 15 Marks | ≥ 8 Years: 10 Marks |
| The bidder should be a company registered in India under Companies Act 1956 or 2013 or Proprietorship /Partnership Firm with their registered office in India in | More than 10 Years: 10 Marks | | | | | | | | | | | |
| | More than 12 Years: 15 Marks | | | | | | | | | | | |
| | More than 15 Years: 20 Marks | | | | | | | | | | | |
| The bidder should be a company registered in India under Companies Act 1956 or 2013 or Proprietorship /Partnership Firm with their registered office in India in | ≥ 12 Years: 20 Marks | | | | | | | | | | | |
| | ≥ 10 Years: 15 Marks | | | | | | | | | | | |
| | ≥ 8 Years: 10 Marks | | | | | | | | | | | |

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| | | | operation for at least 10 years preceding the bid due date. | | operation for at least 10 years preceding the bid due date. | | | | | | | | | |
| | | | <p><u>For MSME/NSIC registered bidder:</u></p> <table border="1"> <tr> <td rowspan="3">The bidder should be a company registered in India under Companies Act 1956 or 2013 or Proprietorship /Partnership Firm with their registered office in India in operation for at least 10 years preceding the bid due date.</td> <td>More than 10 Years: 20 Marks</td> </tr> <tr> <td>More than 7 Years: 15 Marks</td> </tr> <tr> <td>More than 5 Years: 10 Marks</td> </tr> </table> | | The bidder should be a company registered in India under Companies Act 1956 or 2013 or Proprietorship /Partnership Firm with their registered office in India in operation for at least 10 years preceding the bid due date. | More than 10 Years: 20 Marks | More than 7 Years: 15 Marks | More than 5 Years: 10 Marks | <p><u>For MSME/NSIC registered bidder:</u></p> <table border="1"> <tr> <td rowspan="3">The bidder should be a company registered in India under Companies Act 1956 or 2013 or Proprietorship /Partnership Firm with their registered office in India in operation for at least 10 years preceding the bid due date.</td> <td>≥ 10 Years: 20 Marks</td> </tr> <tr> <td>≥7 Years: 15 Marks</td> </tr> <tr> <td>≥5 Years: 10 Marks</td> </tr> </table> | | The bidder should be a company registered in India under Companies Act 1956 or 2013 or Proprietorship /Partnership Firm with their registered office in India in operation for at least 10 years preceding the bid due date. | ≥ 10 Years: 20 Marks | ≥7 Years: 15 Marks | ≥5 Years: 10 Marks |
| The bidder should be a company registered in India under Companies Act 1956 or 2013 or Proprietorship /Partnership Firm with their registered office in India in operation for at least 10 years preceding the bid due date. | More than 10 Years: 20 Marks | | | | | | | | | | | | | |
| | More than 7 Years: 15 Marks | | | | | | | | | | | | | |
| | More than 5 Years: 10 Marks | | | | | | | | | | | | | |
| The bidder should be a company registered in India under Companies Act 1956 or 2013 or Proprietorship /Partnership Firm with their registered office in India in operation for at least 10 years preceding the bid due date. | ≥ 10 Years: 20 Marks | | | | | | | | | | | | | |
| | ≥7 Years: 15 Marks | | | | | | | | | | | | | |
| | ≥5 Years: 10 Marks | | | | | | | | | | | | | |
| 3. | 30 | Technical Specifications | <p><u>Laptop:</u></p> <ul style="list-style-type: none"> • Intel i3 / Ryzen R3 (or higher) or an equivalent. • 8 GB RAM - 3200 Mhz or higher - expandable to 32 GB (2 Physical DIMM), • 512 GB SSD or higher (Should be Dual Storage Capable), • Integrated Graphics, | | <p><u>Laptop:</u></p> <ul style="list-style-type: none"> • Intel i3 / Ryzen R3 (or higher) • 8 GB RAM - 3200 Mhz or higher - expandable to 32 GB (2 Physical DIMM) • 512 GB SSD or higher (Should be Dual Storage Capable) • Integrated Graphics | | | | | | | | | |

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| | | <ul style="list-style-type: none"> • Minimum 14 -inch LED- backlit (1366 x 768 resolution), • HD webcam Dual Microphone • Integrated Ethernet 10/100/1000 NIC, • Metal-Alloy Body (A& D Cover), • Narrow Bezel (83% Body to Screen Ratio), • Port: HDMI (1.4b) - One (1), Headphone /microphone Combo : One (1), Power connector -One(1), RJ45/Ethernet - One(1)or Wi-Fi enabled, 2 USB 3.1, 1 x USB 2.0, 1 x USB 3.2 Gen 2 (Type C), 1 multi-format digital media reader supporting SD, SDHC, SDXC cards, • Security: Hardware TPM 2.0, Security Lock Slot, • Battery: 3 cell 36 Whr or better, 3 Year Comprehensive Warranty including with 3 years warranty on battery & adapter, • Mandatory Industry Standard Certifications: CE, FCC/UL Compliance, EPEAT/EPR, Energy Star. • OEM should have valid ISO90001, ISO50001, ISO20001, ISO27001 & ISO14001. | <ul style="list-style-type: none"> • Minimum 14-inch LED- backlit (1366 x 768 resolution) • Body to Screen ratio should be higher than 80% • HD webcam with Dual Microphone • Integrated Ethernet 10/100/1000 NIC • Port: HDMI - One(1), Headphone /microphone Combo : One (1), Power connector -One(1), RJ45/Ethernet - One(1)or Wi-Fi 6 enabled, 2 USB 3.2, 1 x USB 3.2 Gen 1 (Type C), 1xMicro SD card reader , • Security: TPM 2.0, Security Lock Slot, • Battery: 3 cell 36 Whr or better, • 3 Year Comprehensive Warranty including with 3 years warranty on battery & adapter, Reputed brand • Mandatory Industry Standard, Preinstall OEM Own Manageability Tool/Software for Asset Management, Patch Management, Power Management Settings, 3rd Party Application Deployment, Network Monitoring. • Certifications: CE, FCC/UL Compliance, EPR, Energy Star. |
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| | | | | <ul style="list-style-type: none"> OEM should have valid ISO90001, ISO50001, ISO20001, ISO27001 & ISO14001.SA 8000, Window 11 Home (Factory Preloaded) |
| 4. | 31 | Technical Specifications | <p><u>Projector</u></p> <ul style="list-style-type: none"> DLP, Front & Rear Both XGA 1024 x768 4000 ANSI Lumens for Colour Light & White -light Output Both or higher Contrast Ratio : 20000: 1 Aspect Ratio : 4:3 and 16:9 both Throw Ratio : 1.44 - L95: 1 Lamp life: Min.6000 Hrs. (Normal Mode) & 12000 hrs. I/O connection Mode: VGA, HDMI OEM Warranty: 1 year OEM should have service centre in Tripura for minimum 10 years. OEM should have direct presence in India for minimum 20 years. | <p><u>Projector</u></p> <ul style="list-style-type: none"> DLP, Front & Rear Both XGA 1024 x768 4000 ANSI Lumens for Colour Light & White -light Output Both or higher Contrast Ratio : 20000: 1 Aspect Ratio : 4:3 and 16:9 both Throw Ratio : 1.44 – 2.10 Light Source-UHP/UHE/UHM Lamp life: Min.6000 Hrs. (Normal Mode) & 12000 hrs. I/O connection Mode: HDMI*2, USB-A OEM Warranty: 2 year, 1 Year or 1000 hours on light source OEM should have service centre in Tripura for minimum 10 years. OEM should have direct presence in India for minimum 20 years. |
| 5. | 31 | Technical Specifications | <p><u>Printer (Black and White):</u></p> <ul style="list-style-type: none"> Max Print speed Monochrome - 7.5 ppm , Max Print speed Colour - 5.5 ppm , | <p><u>Printer (Black and White):</u></p> <ul style="list-style-type: none"> Product Dimensions -21.56 x 12.42 x 42.57 cm, 2.36 Kilograms, Batteries: 1 Lithium Ion batteries required, |

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| | | | <ul style="list-style-type: none"> • Printer Output Type- Colour, • Printing Technology - Inkjet , • Printer Media Size Maximum -A4, B5, A6, DL, envelope , • Resolution - 4800 x 1200 DPI, 1200 x 1200 DPI , • Connector Type -USB • Warranty: 1 Years onsite | <ul style="list-style-type: none"> • Hardware Interface - USB , • Max Print speed Monochrome - 7.5 ppm, • Max Print speed Colour - 5.5 ppm , • Printer Output Type- Colour, • Printing Technology - Inkjet , • Printer Media Size Maximum -A4, B5, A6, DL, envelope , • Resolution - 4800 x 1200 DPI, 1200 x 1200 DPI , • Connector Type -USB • Warranty: 1 Years |
| 6. | 32 | Technical Specifications | <p><u>Plastic Chairs:</u></p> <ul style="list-style-type: none"> • Material-Plastic, • Product Dimensions-56.5D x 41W x 86.5H Centimetres , • Back Style • Should have Arm Rest | <p><u>Plastic Chairs:</u></p> <ul style="list-style-type: none"> • Material-Plastic, • Product Dimensions-50.5D x 41W x 85.5H Centimetres, • Back Style without arm. |
| 7. | 31 | Technical Specifications | <p><u>Speakers:</u></p> <ul style="list-style-type: none"> • Speakers with a balanced frequency response (e.g., 60 Hz to 20 kHz), • suitable power handling (aligned with the lab's amplifier), • sensitivity level around 85 dB | <p><u>Speakers:</u></p> <ul style="list-style-type: none"> • Speakers with a balanced frequency response. • suitable power handling (aligned with the lab's amplifier), • sensitivity level around 60 dB |

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| | | | <ul style="list-style-type: none"> • Durable construction | <ul style="list-style-type: none"> • Durable construction |
| 8. | 32 | Technical Specifications | <p>Table:</p> <ul style="list-style-type: none"> • Size: 42"x 42"x32" • The Support Frame of the table should be made of 25 x 25 x 1.2mm thick square MS pipe. • The top should be made of 18+ 1 mm thick prelaminated board with open sides duly sealed. • One drawer should be provided on right hand side. The support frame should be powder coated. Buffers are to be provided at the bottom. | <p>Table:</p> <ul style="list-style-type: none"> • Size: 42"x 24"x30" • The Support Frame of the table should be made of 25 x 25 x 0.6mm thick square MS pipe. • The top should be made of 17+ 1 mm thick prelaminated board with open sides duly sealed. • One drawer should be provided on right hand side. The support frame should be painted. Shoes are to be provided at the bottom. |
| 9. | 32 | Technical Specifications | <p>Storage Box/wall Almirah</p> <ul style="list-style-type: none"> • Size: 36" H x 36" W x 18" Depth • The Storage rack is made of prelaminated particle Board of 18+ 1 mm thickness. • The rack should be closed on three sides with the 9 pigeon hole. The rack should be sturdy. The open edges are duly sealed with Tape Storage Box/Wall Almirah boasts a modular design with sturdy construction | <p>Storage Box/wall Almirah</p> <ul style="list-style-type: none"> • Size: 36" H x 36" W x 12-13" Depth • The Storage rack is made of prelaminated particle Board of 17+ 1 mm thickness. • The rack should be closed on three sides with the 9 pigeon hole. The rack should be sturdy. The open edges are duly sealed with Tape Storage Box/Wall Almirah boasts a modular design with sturdy construction |

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| 10. | 32 | Technical Specifications | <p><u>Steel Almirah</u></p> <ul style="list-style-type: none"> • Size: 50"H x 30"W x 17 ' Depth • The Cup Board should be made of 22G. • CRCA sheet with glass Doors and two fixed shelves. • The pedestal should be of 3" height. • The Almirah should be duly Powder Coated | <p><u>Steel Almirah</u></p> <ul style="list-style-type: none"> • Size: 50"H x 30"W x 17 ' Depth • The Cup Board should be made of 26G. • CRCA sheet with doors and two fixed shelves. • The pedestal should be of 3" height. |

Annexure XX

| S.No. | Items | MAF Required |
|-------|---|--------------|
| 1 | Package 1 | Yes |
| 2 | Package 2 | Yes |
| 3 | Package 3 | Yes |
| 4 | Package 4 | Yes |
| 5 | Laptop | Yes |
| 6 | Projector | Yes |
| 7 | Projector Screen | No |
| 8 | 20 Watt Speaker | No |
| 9 | Projector hanging kit | No |
| 10 | Printer (Black and White) | Yes |
| 11 | 2 Kg Portable fire extinguisher | No |
| 12 | Steel Almirah | No |
| 13 | Tables | No |
| 14 | Chairs | No |
| 15 | Storage Boxes/ Wall Almirah | No |
| 16 | Refurbishment of Tinkering Lab in terms of electrical fittings, painting, whitewash, etc. | No |
| 17 | Printing of banner/board, signage etc. in consultation with the schools | No |

The Revised date and time of the RFP will be as follows:

| S.No | Event Description | Date and Time (as per Tender document) | Revised date and Time |
|------|--|--|--|
| 1. | Last Date and Time for receipts of Bids | 05.02.2024 till 16:00 Hrs In case a Holiday is declared on the day of the event, the same will be held on the next working day at the same time & venue. | 09.02.2024 till 16:00 Hrs In case a Holiday is declared on the day of the event, the same will be held on the next working day at the same time & venue. |
| 2. | Date and Time of Opening of Technical Bids | 05.02.2024 at 16:30 Hrs | 09.02.2024 at 16:30 hrs |

Note: All others terms and conditions of the tender document will remain same.

Sd/
Chief General Manager
(DES)