**Attachment 2B**

Lone Star STEM Pilot Narrative Response Form

| Application Questions | | |
| --- | --- | --- |
| * *Please answer the following questions as thoroughly as possible within the indicated page limit (Calibri, Size 11 font, single spaced)* * *When complete, send all Letter of Interest attachments to* ***ccmp@tea.texas.gov*** *with the subject line: Lone Star STEM LOI - <INSERT DISTRICT OR CHARTER SCHOOL NAME>; (example: Lone Star STEM LOI - TEXAS ISD)* | | |
| 1. District Overview *Total Points: 10* | | |
| 1.1 |  | Points |
| District/ Charter Network Overview | Describe how the decision to apply for the Lone Star STEM Academy Pilot was made. Include the types of individuals involved in the decision process.  If a district or charter network is submitting applications for more than one Lone Star STEM Academy, 1.1 may be the same across multiple applications. | 10 |
| Response: | | |
| 2. School Design *Total Points: 30* | | |
| 2.1 |  | Points |
| STEM Pathways | Describe which STEM pathway(s) the Lone Star STEM Academy will seek to offer and how that/those decisions were made. Please include any relevant labor market data or documentation. | 10 |
| Response: | | |
| 2.2 |  | Points |
| Quality Instruction | Describe how the Academy will recruit, support, and retain highly qualified teachers. | 10 |
| Response: | | |
| 2.3 |  | Points |
| Dual Credit | Does the campus currently have teachers with qualifications to teach dual credit courses? If so, which courses? | 10 |
| Response: | | |
| 2.4 |  | Points |
| Computer Science | Does the campus currently have teachers with qualifications to teach computer science? If so, how many teachers are qualified? | --- |
| Response: | | |
| 2.5 |  | Points |
| Cybersecurity | Does the campus currently have teachers with qualifications to teach cybersecurity? | --- |
| Response: | | |
| 3. Target Population *Total Points: 10* | | |
| 3.1 |  | Points |
| Underrepresented in STEM | Describe how the district plans to recruit, retain, and support historically underrepresented populations in STEM (e.g, females, economically disadvantaged, African American, Hispanic, at-risk). | 10 |
| Response: | | |
|  | | |
| 4. Strategic Alliances *Total Points:20* | | |
| 4.1 |  | Points |
| Industry and IHEs | Describe plans for creating strategic alliances with industry partners and IHEs. What is the anticipated role for each IHE, business, and/or community partnership? | 10 |
| Response: | | |
| 4.2 |  | Points |
| Dual Credit Provider | Describe the current campus or district partnerships with the dual credit provider. If the district does not have a current partnership, please describe the proposed partner for the new campus and how the partnership is currently being developed. | 10 |
| Response: | | |
| 5. Curriculum and Instruction *Total Points: 30* | | |
| 5.1 |  | Points |
| Advanced Academics | Identify the type of advanced courses (dual credit/AP/IB) currently implemented on the campus. If this is a brand-new campus, identify the type of advanced courses currently implemented at any school in the district. If the district does not currently offer any of the advanced courses below, please respond “N/A” to this question. For **each** course, please provide the following information:   * Type (Dual Credit, Advanced Placement, or International Baccalaureate) * Course Subject * Structure (HS campus taught by high school teacher, HS campus taught by college faculty, at community college)   + If none of the options apply, please describe | 10 |
| Response: | | |
| 5.2 |  |  |
| Informal STEM | Describe any planned STEM-focused informal activities (field experiences, clubs, competitions, summer STEM camp, etc.) that will be offered to students, whether they are offered by the school or by a community partner. | 10 |
| Response: | | |
| 5.3 |  |  |
| Real-world STEM experiences | Describe the Academy’s plans for implementing an interdisciplinary approach to learning where academic concepts are coupled with real-world experiences through Project or Problem Based Learning (PBL) and Engineering Design Challenges that are offered regularly throughout the school year. Please include how the Academy will support and develop teachers in offering this, including considerations for scheduling, professional development, and structures for cross-disciplinary collaboration. | 10 |
| Response: | | |
| 6. Work-Based Learning *Total Points:10* | | |
| 6.1 |  | Points |
| Business/Industry Support | Describe how business partners can support Work-Based Learning and contextual learning for this Academy (i.e., through job shadowing, Lunch and Learns, internships, externships, capstone projects, etc.). | 10 |
| Response: | | |
| 7. Student Support *Total Points: 30* | | |
| 7.1 |  | Points |
| Data-driven Instruction | Describe the Academy’s plans to provide data-driven, differentiated, and student-centric instruction. | 10 |
| Response: | | |
| 7.2 |  | Points |
| Individualized Support | Describe how the Academy will provide academic support for intervention, remediation, and acceleration for all students. | 10 |
| Response: | | |
| 7.3 |  |  |
| Additional Support | Describe how the Academy will provide social and emotional supports to students as needed. | 10 |
| Response: | | |
| 9. Priority Areas of Grant *Total Points: 20* | | |
| 9.1 |  | Points |
| District Type | Please indicate your district type:   * Major urban * Major suburban * Other central city * Other central city suburban * Independent town * Non-metropolitan: fast-growing * Non-metropolitan: stable * Rural * Charter | 20 |
| Response: | | |
| 9.2 |  |  |
| Miscellaneous | Please include any additional information that is critical to the decision of the TEA. | NA |
| Response: |  |  |