**Applicant**
Houston Independent School District

**PR Award #**
U165A170059

**School District**
Houston Independent School District

**City, State**
Houston, Texas

**Urbanicity**
Urban

**Project Title/Name**
Partnerships that Fuel Opportunities in STEM Education

**Contact**
Annetra Piper

**Title**
None Listed

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Fax None Listed
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**Grant Award Amount**
Total: $14,998,280.00 over 5 years

- Year 1 $ 3,695,909.00
- Year 2 $ 4,005,816.00
- Year 3 $ 3,398,609.00
- Year 4 $ 2,201,167.00
- Year 5 $ 1,696,779.00

<table>
<thead>
<tr>
<th>School and Grades Served</th>
<th>Theme</th>
<th>Isolated and Targeted Minority/ies</th>
<th>Number of Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Milby High School Energy, Medicine, and Aerospace (9-12)</td>
<td>Energy, Medicine, and Aerospace Institute</td>
<td>Minority groups</td>
<td>1,452</td>
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<tr>
<td>Deady MS Energy, Medicine, and Aerospace (6-8)</td>
<td>Energy, Medicine, and Aerospace Academy</td>
<td>Minority groups</td>
<td>701</td>
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<tr>
<td>Davila ES Energy, Medicine, and Aerospace (K-5)</td>
<td>Energy, Medicine, and Aerospace Academy</td>
<td>Minority groups</td>
<td>443</td>
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<tr>
<td>Washington HS Aerospace and Engineering (9-12)</td>
<td>Aerospace and Engineering Professions</td>
<td>Minority groups</td>
<td>138</td>
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<tr>
<td>Wesley ES Aerospace and Engineering (K-5)</td>
<td>Aerospace and Engineering Professions</td>
<td>Minority groups</td>
<td>395</td>
</tr>
</tbody>
</table>
Project Description:

Houston ISD’s Partnerships that Fuel Opportunities in STEM Education proposal has a total cost of $20,342,191. Houston ISD will provide $5,343,912, and is seeking $14,998,279 through the Magnet Schools Assistance Program (MSAP) grant to fund new or significantly revised school magnet programs at the following six schools: Milby HS (1,452 students) Energy, Medicine, and Aerospace; Deady MS (701) Energy; Medicine, and Aerospace; Davila ES (443) Energy, Medicine, and Aerospace; Washington HS (138) Aerospace and Engineering; Wesley ES (395) Aerospace and Engineering; and Rusk MS (530) Medicine Biotech. All six campuses will be whole-school STEM (Science, Technology, Engineering, and Math) magnet programs, meaning every student in those schools will benefit from an instructional approach that emphasizes a rich STEM curriculum. The proposed six magnet schools are intended to provide families with a wide variety of academically-rigorous, STEM-focused school choice options, while also promoting racial, economic, cultural, and geographic diversity in the Greater Houston area.

Project Goals:

1. Increase racial integration and socioeconomic diversity in the MSAP STEM schools.

2. Increase the academic achievement rates of all participating students in Reading/English Language Arts, Math, and Science in the MSAP STEM schools.

3. Increase industry, university, and community partnerships that will support and enhance the innovative themes at the MSAP STEM schools.

4. Reduce minority group isolation in the MSAP STEM schools.

5. Increase the instructional capacity of specialized and core-area teachers to deliver unique, innovative curriculum at the MSAP STEM schools.