



Potential Projects Glossary

Bond Category Terms

- **Bond Management & Cost of Issuance**– Funding for internal NISD staff to manage all Bond Projects which includes, but is not limited to, administrative staff, Project Managers, Inspectors, support staff, etc. Also includes the cost associated with selling of Bonds which is susceptible to market interest rates.
- **Infrastructure** – Replacement of systems such as HVAC, lighting, electrical, paving, drainage, athletic fields/courts, band pads, etc.
- **Renovations/Reconstruction/Upgrades** – Major construction projects at existing facilities to include additions, major renovations and building replacements.
- **Roofing & Waterproofing** – Replacement of existing building roofs, windows, exterior walls sealants, etc.
- **Safety & Security** – Replacement of cameras, access control, security systems, life safety (Fire Alarm, PA Intercom, etc.), door hardware, fencing, NISD Police upgrades
- **Technology** – Typically includes, but is not limited to, life cycle replacements of classroom technology equipment, critical network infrastructure equipment, cabling replacement, upgrades for data center, telephones, wireless network and network security
- **Transportation** – New and replacement buses and multi-purpose vehicles, transportation stations upgrades, etc.

Project Listing Glossary

- **Access Control Upgrades** – Replacement of end-of-life access control devices throughout portions of the district.
- **ADA Campus Upgrades**– Required improvements for ADA compliance as a result of a prior construction project where an extension has been granted. This could include walkway improvement, hardware improvements, restroom improvements, etc.
- **Air Handler Replacement *** – Replacement of major HVAC cooling component for distribution of HVAC throughout portions of the campus.
- **ALE Upgrades** – Renovation of existing ALE spaces to provide district standards to support the curriculum. Could include washer/dryer, kitchenette, sinks, etc.
- **Athletic Replacement** – Replacement of campus athletic suite which could include gymnasiums, locker rooms, weight rooms, training spaces, storage, etc.
- **Boiler Replacement *** – Replacement of heating component for space heating, dehumidification, and/or domestic water heating.
- **Bus Upgrades** – Upgrades to existing buses to retrofit and add seat belts per state mandate.
- **Cafeteria/Kitchen/Gym Replacement** – Replacement of existing spaces to align with current district standards and adjacencies. Typically includes all new equipment.

- **Campus Audio/Visual System Upgrades** – This project will add, upgrade, and/or replace the large space audio visual (projection) systems in cafeterias, libraries, and auditoriums.
- **Campus Uninterruptible Power Supply (UPS) Upgrades** – This project will upgrade and standardize Uninterruptible Power Supply (UPS) systems at all elementary, middle, and high school campuses to ensure emergency battery backups are present.
- **Campus Wireless Network Upgrades** – This project will replace the district's existing enterprise wireless controller infrastructure that supports the District's critical wireless access point infrastructure.
- **Chiller Replacement *** – Replacement of major HVAC cooling components for the majority or entire campus.
- **Classroom Technology Lifecycle Replacement** – The lifecycle replacement of student and staff technology equipment at campuses across the District. The refresh of technology equipment ensures students, teachers, and staff are equipped with secure, efficient, and reliable instructional resources.
- **Culinary/CTE Upgrades** – Major renovation/replacement of existing Culinary Arts and CTE spaces to align with current district standard and programmed spaces. This could include culinary kitchen, dining area, associated kitchen equipment. Scope could include CTE classrooms upgrades to other spaces such as construction lab, cosmetology, robotics, etc.
- **Data Center Critical Infrastructure Replacement** – This project provides a lifecycle refresh of the district's enterprise data protection and critical data center infrastructure.
- **Door Hardware Replacements** – Replacement of existing door hardware to comply with current code requirements and district safety standards.
- **Dumpster Pad Relocation** – Required improvements to existing side load dumpster pads at facilities to front load dumpster to maintain trash service at all facilities. Side load dumpsters are being phased out by vendors over the next two years.
- **Electrical Upgrades** – Replacement of electrical infrastructure such as electrical panels, major components (switchgear), transformers, etc.
- **Energy Controls Upgrades *** – Upgrades to facility HVAC and lighting controls system. Provides the ability to control and adjust HVAC and lighting remotely for scheduling and adjustments.
- **Fencing Upgrades** – Replacement or addition of TEA compliant non scalable fencing at campuses. Material could include a combination of ornamental fencing, chain-link fencing and other non-scalable material.
- **Fine Arts Replacement** – Replacement of campus Fine Arts suite which could include, auditorium, art classrooms, band/choir rooms, practice areas, dance studio, storage, etc.
- **Fire Alarm System Replacement** – Replacement of fire system components or the entire system to maintain notification to first responders in the event of an emergency.
- **Flooring Replacement** – Replacement of existing flooring systems through portions of the campus to include carpet, tile, vinyl flooring, etc.
- **Freezer/Cooler Upgrades*** – Replacement of freezer/cooler shell to maintain appropriate temperature for goods. Currently have leaks creating inefficiencies.
- **HS Band Pad Replacement** – Replacement of band pad surface to provide safe marching surfaces at the campus to include paving, pavement markings, etc..
- **HS Marquee Sign Replacement** – Replacement of major obsolete electronic components within the existing digital marquee to maintain future HS campus messaging.
- **HS Synthetic Football Field Turf Replacement** – Replacement of end-of-life synthetic turf on football field to maintain safety requirements.

- **HS Synthetic Track Resurfacing** – Replacement of end-of-life synthetic surfacing on track to maintain safety requirements.
- **Library Upgrades** – Major renovation/replacement of existing spaces to align with current district standard and programmed spaces. This could include flooring, movable stacks, interior finishes, graphics and more.
- **Lighting Upgrades *** – Replacement of existing lighting to include interior and/or exterior with high efficiency lighting in portions of the facility.
- **MS Natural Football Field Turf Replacement** – Replacement of natural turf on football field to address deteriorated field and maintain safety requirements.
- **Multi-zone/Unit Ventilator Replacement *** – Replacement of antiquated HVAC system throughout campus to be consistent with current district and industry standards.
- **Network Infrastructure Replacement** – This project will replace critical network switching infrastructure across district campuses and facilities.
- **New Buses** - Purchase of new buses to replace end-of-life buses for continued transportation throughout the district.
- **PA System Upgrades** – Replacement of Public Address system components or the entire system to maintain notification to facility occupants for general messaging or emergency standard response protocol.
- **Paving/Drainage Upgrades** – Replacement of pavement throughout portions of the campus which could include parking lots, drop-offs, service drives, paved play surface, etc. This could include upgrades to existing drainage patterns and storm drain systems where necessary.
- **PD New Vehicles** – Purchase of new police officer's vehicles for new positions and replacement of end-of-life vehicles.
- **PD Radio System Upgrades** – Upgrades to radio system infrastructure to improve communication between the Police Department and campus administration.
- **Roof Top Unit Replacement *** – Replacement of major HVAC cooling component for distribution of HVAC throughout portions of the campus.
- **Security Lobbies** – Addition of a secure vestibule at the primary entrance of a campus which include ballistic glass and ability to review visitor's credentials prior to access.
- **Structural Upgrades** – Varying types of projects remediating soil movement, foundation movement, steel structure integrity, etc.
- **Surveillance Camera Replacement** – Replacement of end-of-life cameras throughout portions of the district.
- **Tennis Court Upgrades** – Upgrades or replacement of tennis existing tennis courts. This could include tennis court resurfacing, nets, posts, benches, windscreens, practice boards and/or full reconstruction.
- **Transportation Station Upgrades** – Upgrades to transportation stations to improve safety and access such as automatic gate openings systems, gate improvements, etc.

* Indicates project or initiative could yield savings to the district as a result of using high efficiency products and equipment.