

Collin County Facilities and Construction Standards Justification

The following manufacturers/vendors are the standard suppliers of Facilities and Construction within the county for specific areas. Items on the standards list must be new and not refurbished devices. While this list of standards will guide procurement, it does not necessarily preclude the Facilities or Construction departments from soliciting bids based on generic specifications where the use of a specific manufacturer is not necessary or where a specific non-standard manufacturer is required for a specific line of business. This list is to serve as a guide subject to amendment, by future court order, as city and/or state mandates for county buildings and new construction.

Preferred Manufactures

Life Safety	
Manufacturer	Purpose
Edwards EST	Fire Alarm System and Communication to Central Plant To provide continuity of one Fire system in our Collin County buildings, Training, trouble shooting, UL and management is easier/more efficient than multiple manufactures. Equipment is competitive
Harding	Intercom System
HVAC Controls	
Manufacturer	Purpose
Honeywell –Central Campus Carrier IVU - Remote sites	Honeywell and Carrier Bacnet Standard protocol. To provide continuity of BAS systems in our Collin County buildings, Training, trouble shooting and management is easier/more efficient than multiple manufactures. Equipment is competitive
Electronics / Electrical	
Manufacturer	Purpose
APC-Uninterruptible Power Systems	To provide continuity of one UPS system in our Collin County buildings, Training, trouble shooting and management is easier than multiple manufactures. Equipment is competitive
GE or Square D Electrical Systems	To provide continuity of Electrical Systems in our Collin County buildings, Training, trouble shooting and management is easier than multiple manufactures. Equipment is competitive
Schneider Electric Power Logic Monitoring	New buildings, PM8000 installed on incoming power as well as being able to monitor the ATSS status. Currently, meters connect to a PME server. To provide continuity of one Power monitoring System in our Collin County buildings, Training, trouble shooting and management is easier than multiple manufactures. Equipment is competitive

Detention Facilities	
Manufacturer	Purpose
Stenotophon Jail Intercom System	Existing System in Jail
CPC	Adult Detention door locks in Clusters 1 and 3.
Building Finishes	
Manufacturer	Purpose
Armstrong	2' x 4' x 5/8" 755BN Fissured Square lay in and 704 Fissured square edge lay tile.
Sherwin Williams	Paint colors: Tony Taupe and Accessible Beige. Standard Colors easier to manage
Tandus	Color/type: Aftermath II Carpet Tiles. Standard Tiles easier to manage and have Attic stock for ease of replacement if needed
Plumbing Fixtures	
Manufacturer	Purpose
Sloan	Flush Valves
Delta	T&S Commercial Grade Fixtures
Building Hardware	
Manufacturer	Purpose
Sargent	For panic exit devices on exterior double doors with electronic badge reader locking devices
Best	Mortise locks and accept current 7 pin cylinders.
Norton & LCN	Door Closures

Preferred Service Providers

Security System		
Service Provider	Purpose	Sole Source
Allied Universal/ Securadyne Systems Intermediate LLC	Programming of security system used with badge readers.	
CML Security	Programming, service and integration for electronic security systems to include door control, communications and video surveillance, touchscreens in the Collin County Detention Center.	
Radio Systems, I.T.		
Service Provider	Purpose	Sole Source
Motorola	Radio systems and equipment	Yes 97-815-11-24
DFW Communications	Motorola authorized service dealer.	Yes 2006-947-10-10

Standard System Requirements

Standard	Purpose
100% Generator Power plus 30 minute UPS back-up	All 24 hour facilities: Detention Facilities, Central Plant, and Medical Examiner; data back-up, State Jail Standards
Generator for Life Safety plus 30 minute UPS back-up	All County Buildings other than 24 hour facilities.
Auto CAD and PDF Drawings	Used for design and as-built.
Dust Contamination Filtering	MDF, IDF, and A/V closets
MDF, IDF, and A/V Closets Room Clearance	Allow 36" around populated equipment racks.
MDF, IDF, and A/V Closets Waterline	One waterline in the room to feed the fire sprinkler line.
A/V Closets Thermostat	Individually controlled thermostat per closet.
MDF and IDF HVAC	Conditioned by individual CRAC units.
Wall Phones	Present in MDF, IDF, A/V closets, electrical and mechanical rooms.
Irrigation system	High efficiency sprinkler heads and drip system technology on irrigation system.
Water Heaters	Tanks Preferred over Tankless.

Office Size Standards

Department/Personnel	Square Footage
Judge's Offices	300 sq. ft.
Elected Officials and Department Heads	225 sq. ft.
Managers	144 sq. ft.
Supervisors	120 sq. ft.
Probation	100 sq. ft.
Staff Cubicles	64 sq. ft.

Court Order Revisions:

2017-1000-12-11

2015-570-08-24

2015-031-01-12

2010-993-12-06