

HOBBS MUNICIPAL SCHOOLS BUILDING STANDARDS DISTRICT-WIDE

Specification Section	District Standard (<i>item/description</i>)	Comment
DIVISION 02		
02 40 00 Demolition	Asbestos Abatement: District contact	GWC, Hobbs, NM Contact: Steven Simpson (575-704-9366)
DIVISION 03		
03 40 00 Precast Concrete	Concrete Color Additive: Mesa Precast #17 "Vanilla" Grout Color: Mapei #14 "Biscuit"	
DIVISION 04		
04 01 00 Maintenance of Masonry	Existing Construction: Grout Color New Construction: Grout Color	Match adjacent existing grout color. No standard
04 23 00 Glass Unit Masonry	MFR: PPG Industries Style/Type: 1 Hr: Thickset 60 DECORA pattern Non-Rated: DECORA pattern Grout Color: White	
DIVISION 05		
05 10 00 Structural Metal Framing	Special Inspector: Owner provided	Review request for proposal requirements.

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05 20 00		
Metal Joists		

05 30 00		
Metal Decking		

05 52 00		
Metal Railings		

DIVISION 06

06 41 00	Laboratory tops: Acid resistant, cast epoxy Laboratory face: Chemical resistant plastic laminate Door hinges: 5 knuckle PLAM counter edge treatment: PVC Edge (Black) PLAM tops: Color A= Wilsonart #48888-38 "Rustic Slate" PLAM face: Color A= Wilsonart #7909-60 "Fusion Maple"	
Architectural Wood Casework		

DIVISION 07

07 21 00	New construction: Meet code; walls = R-19 roof= R-30 Alteration: Meet code; walls = R- roof= R-	
Thermal Insulation		

07 22 00		
Roof & Deck Insulation		

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07 51 13 Built-up Asphalt Roofing	Warranty: 20 year NDL Slope: ¼"/ft min Piles: 4, plus base sheet Topping: Gravel	
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07 62 00 Metal Roof Panel Metal Wall Panel Soffit Panel Coping Gutter & Downspout Sheet Metal Flashing & Trim	Color = IMECTO "Champagne" Color = IMECTO "Champagne" Color = IMECTO "Sandstone" Color = IMECTO "Epic Bronze" Color = IMECTO "Epic Bronze" Color = Match adjacent pre-finished metal	
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DIVISION 08

08 13 15 Custom Steel Doors	Style & Core: Flush & Steel Rib Level: III – Extra Heavy Duty Insulation: Polystyrene at exterior Frame gage: 12 exterior, 14 interior Frame fill: Grout solid at masonry construction	
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08 14 16 Wood Doors	Style: Flush Veneer: Red Oak Cut: Rotary	
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08 41 13 Aluminum Framed Entrances & Storefronts	Finish: Clear Anodized Frame: Thermally broken Door Style: Kawneer 500 or greater	
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08 45 00 Translucent Wall & Roof Assemblies	Frame Color: CRF Color #79 "Aluminum"	
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08 71 00 Door Hardware	Key system: Manufacturer = Best Cylindrical: Best 93K (Interior) Interchangeable core type: Best or accept Best Deadbolt: Best HM Exit Device: Von Duprin 99 series Alum Storefront Exit Device: Mullions: Keyed HM Closers: LCN 4000 series Alum Storefront Closers: Hinges: Exterior = continuous; Interior = Heavy weight 4 ball bearing type at all high traffic doors. Standard weight 2 ball bearing at all other doors. NRP at all out-swing doors with lockable hardware. Wall stops: convex at all doors; concave at lock buttons. Kickplate: .050 stainless steel 10" high x 2" less door width Finish: Satin Stainless Steel – 630 /US32D	
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08 80 00 Glass & Glazing	Insulating Unit: 1-inch thick, low E, grey tint	
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DIVISION 09

09 21 16 Gypsum Board Assemblies	Minimum thickness = 5/8" Corridor locations: High Impact resistant type.	
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09 24 00 Stucco	Type: 3-coat portland cement Color:	
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09 30 00 Tiling	Manufacturer: Dal Tile Size: 12" x 12" Color (Field): Color (Accent A): Color (Accent B):	
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09 51 13 Acoustical Panel Ceiling	Grid: Exposed T components, 15/16" wide Tile: Typical Classroom: 24" x 24", 5/8" thick, angled regular, Fine-fissured (Armstrong #1833 or equal) Locker rooms & Kitchen: 24" x 24", 5/8" thick, Fine-fissured Ceramaguard (Armstrong #607 or equal)	
09 65 00 Resilient Flooring	Tile: Manufacturer = Armstrong; Style= Standard Excelon; Size = 12" x 12" Color (Field): StoneTex 52127 "Stone White" Color(Accent A): StoneTex 52156 "Bamboo Yellow" Color(Accent B): StoneTex 52173 "Unfired Clay" Color(Accent C): StoneTex 52155 "Forest Moss" Color(Accent D): StoneTex 52144 "Coal Black" Base: Manufacturer = Roppe; Color = #100 Black	
09 68 16 Sheet Carpeting	Manufacturer: C&A Style/Pattern: Explorer Color: 25003, Lunar Gray	
09 83 00 Acoustical Finishes		
09 99 00 Painting	Exterior Ferrous Metals: Pittsburg Paint "Black Magic" Exterior HM Door & Frame: Pittsburg Paint "Apple Crunch" Interior HM Door & Frame: Pittsburg Paint Interior Wall (Field): Sherwin Williams "Jordan Almond" Interior Wall (Accent A): Pittsburg Paint Interior Wall (Accent B): Pittsburg Paint Interior Ceiling/Soffit: Pittsburg Paint "Linen Ruffle"	

DIVISION 10

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10 11 01 Visual Display Boards		
10 14 00 Signage	Color: Background = Black; Text = White	
10 14 25 Door & Room Signs		
10 21 13.19 Plastic Toilet Compartments	Color: Black Type: Solid Phenolic	
10 22 16.23 Accordion Folding Partitions	STC Rating: 52	
10 26 13 Corner Guards	Type: Plastic Size: 2-inch wide	
10 28 00 Toilet Accessories	Paper Towel: ASI-American Specialties, Inc, Model 0245-SS Toilet Tissue: ASI-American Specialties, Inc, Model 0715 Soap: ASI-American Specialties, Inc, Model 2000, ABS plastic, 32 oz.	
10 44 00 Fire Protection Specialties	Cabinet Style:	

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10 51 00 Lockers	Color: Black Type: 2-Tier (student)	
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DIVISION 11

11 13 70 A/V Equipment	Projector Mount: Classroom Projector: By Owner.	
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11 31 00 Residential Appliances	Manufacturer: No standard Color: Stainless Steel	ADA Compliance: Range/Oven: Drop-in style Dishwasher: for 34-inch counter height Clothes Washer and Dryer: Front loading style, on pedestal, for Special Education locations.
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11 52 13 Projection Screens	Type: Color:	
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12 21 13 Horizontal Louver Blinds	Type: Color:	
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DIVISION 22 - PLUMBING

General Information:	<p>Faucet Manuf.: Delta, Style: Single lever, no sensors. Sink Manuf.: Kohler or Elkay; Shut-off Valve: 1/4" turn. Water Closet Manuf.: Kohler or American Standard; Style: No standard. Urinal Manuf.: Kohler or American Standard; Style: No standard. Flush Valve Manuf.: Sloan; Type: Manual Drinking Fountain Manuf.: Elkay, Model EZS8L. Provide wall cleanout under fixture. Water Heater Manuf.: AO Smith Roof Drain: Provide an expansion-type connection between drain body and pipe.</p>	
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DIVISION 23 - HVAC

General Information:	<p>Chiller Manuf.: Trane or Carrier Boiler Manuf.: No standard Pump Manuf.: Bell & Gossett or TACO Fan Coil Manuf.: No standard Controls: DDC (Honeywell XL5000 or XL10) Commissioning: Honeywell</p>	
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DIVISION 26 - ELECTRICAL

General Information:	<p>Wall Plates: Stainless Steel (Pass & Seymour) Devices: Hubbel, Color: Grey Light Fixtures Exterior: Night sky compliant, metal halide (Hubbell) Light Fixture Interior: Motion & heat sensor, Office: no standard. Classroom: direct/indirect. Lamps: 4-foot T-8 Sylvania/Phillips F32T8/TL835, T28/T5835. Wireways @ Technology Labs: Wiremold 4000 (OAE)</p>	
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DIVISION 27 - COMMUNICATIONS

General Information	Outlet: Systimax CAT 6, Jack T568A configuration Tech Cable: CAT 6, plenum rated (Hubbell "Landmark 1000") Clock System: Atomic clocks Intercom System: TELCOR Phone System: Voice over IP Patch Panel: Ortronics CAT 6 Cable Tray: "J" hooks or basket trays Racks: 4-post type	
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DIVISION 28

Fire Alarm System	Honeywell Systems Contact: David Eldridge Phone: Email:	
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Video Surveillance System	Klein Security Contact: Phone: Email:	
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Access Control System	Klein Security Contact: Phone: Email:	
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DIVISION 32 - EXTERIOR IMPROVEMENTS

Irrigation	Controller: Hunter Globe Values: Irritrol Heads: Hunter 25	
Site Furnishings	Trash Receptacle: Victor Stanley, Color: Dark Bronze Table & Benches: Victor Stanley, Color: Dark Bronze	

Hobbs Municipal School District Network Specifications

Classroom Network drop Specifications

- 6 Drops along student workstation wall - per classroom
- 2 additional Drops on every classroom wall
- Power next to every drop
- Teacher drop to be saw cut floor box – 2 data drops and 4 power outlets
- Computer labs to be saw cut floor boxes – 2 data and 4 power in each box

Projectors

- 2" inside diameter conduit for projector cabling
- HDMI, VGA, and composite cables will run to projector
- All projector cabling will be terminated in teacher floor box
- 2 Data drops and Power in ceiling for all projectors

MDF/IDF Specifications

- 48 strands of **OS2 single mode fiber** from MDF to each IDF
- 24 strands of **OS2 single mode fiber** between DMARK and MDF
- All fiber cabling will use LC connectors
- 100 pair copper terminated between DMARK and MDF for phone system
- MDF/IDF rooms are to be dedicated to networking equipment
- 4 post floor mounted racks for network equipment
- (2) L5-30 120v 30 amp power sockets per network rack – mounted top back side
- A/C unit wall mounted in **FRONT** of network racks – 6 feet above ground level
- Each IDF to have (1) dedicated A/C unit
- Each MDF to have (2) dedicated A/C units
- All copper cabling to be cat6
- Copper runs will be no longer than 295 feet

Camera and Access Point Drop Specifications

- 2 Drops for each Access Point – location to be specified in planning stages
- 2 Drops for each security camera – location to be specified in planning stages
- Drops to be mounted in box above drop ceiling
- All camera drops to be terminated on their own separate patch panel which will be the last patch panel in the series

Card Access Systems

- 1 cat6 terminated above all exterior doors and interior security doors for card access system
- 1 cat6 terminated above all IDF and MDF doors
- Additional doors to be specified in planning stages

Special Systems

- Telecore for bell system
- Telecore Clock/speakers, bell unit, and call button in each classroom
- Copper twisted pairs (25) between MDF/IDF (analog/fax)
- Emergency phone in elevators
- Power and data for TV Kiosk (one location per building, 3 feet from ceiling)
- Card access integration for elevator systems