

# **Outline Specifications for Mill Creek Elementary Classroom Addition for The School District of Osceola County, FL**

## **Scope of Work**

- New 2 story classroom building with 20 general classrooms and restrooms, 1 music room, 1 art room with storage and kiln, covered play area, PE office, and PE storage
- Remodeling of existing Art, Music, and corridor into additional dining space.
- Addition of paved drop off loop.
- This outline specification has been written around a concrete tilt wall exterior wall with batt insulation and gypsum board. Other exterior wall systems such as insulwall or CMU masonry with rigid insulation and gypsum board on the inside and a stucco exterior are also acceptable.
- This outline specification has been written to include the School District of Osceola Counties roof design standard. This standard is a standing seam metal roof on ice and water shield on nailable insulation board on metal roof deck on steel bar joists.

## **Division 2     Site Work**

- Modify soils as recommended by Geotechnical engineer
- Modify existing landscape and irrigation to accommodate new building
- Provide new concrete sidewalk between new and existing building
- Tie roof drains to existing storm system
- Tie all utilities into existing systems

## **Division 3     Concrete**

- Provide concrete tilt wall construction

## **Division 4     Masonry**

- 8" CMU
- Provide marble window sills
- Provide an Alternate price to provide a brick wainscot all around the exterior of the building to the head height of the first floor windows.

## **Division 5     Metals**

- Provide Steel Bar Joists
- Provide Metal roof Deck
- Provide Steel Pan Stairs
- Provide composite steel and concrete first floor system

## **Division 6     Wood and Plastics**

- Provide proper backing for white boards, tack boards, TV's etc.

**Division 7 Thermal and Moisture Protection**

- Provide minimum 6 mil vapor barrier under concrete slab on grade
- Provide batt insulation in furring at exterior walls
- Provide nailable insulation board at roof deck
- Provide standing seam preformed metal roofing. Color to match existing.
- Provide galvanized metal flashing
- Provide clear anodized aluminum gutters and downspout

**Division 8 Doors and Windows**

- Provide 16 gauge exterior hollow metal doors with 14 gauge hollow metal frames
- Provide rotary cut birch veneer wood interior doors and hollow metal frames
- Provide operable aluminum windows to match existing with 1/4" tinted tempered glass
- Provide ADA compliant lever style door hardware that matches SDOC design standards
- Provide smoke rated interior corridor doors with closers

**Division 9 Finishes**

- Interior partitions: Provide 5/8" Gypsum board on 3 5/8" metal studs. Provide sound batt insulation between classrooms
- Provide 12" x 12" ceramic floor tile at restrooms. Provide Alternate price for seamless vinyl flooring.
- Provide 6" x 6" ceramic wall tile to 7'-0" A.F.F. at wet wall in restrooms
- Provide 2' x 2' suspended acoustical lay in tile in ceilings
- Provide VCT flooring at corridor and classrooms
- Provide vinyl cove base throughout
- Provide "Tex Coat" exterior coating on all exterior tilt walls
- Provide 3/4" Stucco on exterior CMU walls

**Division 10 Specialties**

- Provide (2) 8' long white marker boards in each classroom
- Provide (2) 4' wide tack boards in each classroom
- Provide smart boards per SDOC design standards, centered on teaching wall in each classroom
- Provide surface mounted wall and corner guards
- Provide fire extinguishers as required by NFPA 10
- Provide clear anodized aluminum walkway canopy system to connect to existing building and storm system
- Provide SDOC standard toilet accessories

**Division 11 Equipment**

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**Division 12 Furnishings**

- Plastic laminate faced casework
  - Provide 6 LF of base and wall cabinets in each classroom. One 3 foot section to have ADA compliant sink.
  - Provide 12 LF of full height shelving cabinets with locks in each classroom.
  - Provide 25 student cubbie unit in each classroom as shown on drawings.
- Provide window blinds at all exterior windows

**Division 13 Special Construction**

- Not used

**Division 14 Conveying Systems**

- Not used

**Division 15 Mechanical**

- Provide plumbing to comply with FBC- Plumbing
- Provide HVAC system to comply with FBC- Mechanical

**Division 16 Electrical**

- Provide Electric to comply with NEC
- Provide 2'x 4' recessed fluorescent lighting
- Provide emergency, security, and exit lighting as required by code

**Division 17 Communications**

- Provide 6 data stations in each classroom for 5 computers and one printer
- Provide Smart School Technology and Audio Enhancement per SDOC standards