

Hickman County Health Department
Interior Renovation
Centerville, Tennessee
TLM Job No.: J-7087



ADDENDUM NO.: 2

July 3, 2024

This Addendum shall apply to the Drawings and Specifications for the above-referenced project and shall be bound into and made a part of the Construction Documents issued by TLM Associates, Inc., titled as indicated above.

- Item No. 1:** CLARIFICATION – Existing VCT flooring to remain. New LVT will overlay existing VCT flooring.
- Item No. 2:** CLARIFICATION – Existing wallpaper boarder located in all rooms to be removed. Patch and repair drywall prior to new paint.
- Item No. 3:** CLARIFICATION – Existing millwork in Clerical 213 to be salvaged and reused. Coordinate storage location until later use with the owner.
- Item No. 4:** SPECIFICATION – Refer to attached Technical Data Sheet for the 3M Scotchshield Safety & Security Window Film. This is to be included in the project Specification Manual.
- Item No. 5:** CLARIFICATION – The office wall is to extend 6” above existing ceiling. Diagonal brace 4’ on center. Adjust ceiling tiles accordingly.
- Item No. 6:** CLARIFICATION – Mini-Split to be on Dedicated Circuit.
- Item No. 7:** CLARIFICATION – For Med Room 108A, provide and install data box a conduit for owner use (I.T.).
- Item No. 8:** SPECIFICATION – Refer to attached Specification Section 01 21 16 Allowances. A \$3,000.00 allowance has been added for 2x2 ceiling tile replacement throughout the facility. The changes are highlighted in yellow.

Please acknowledge receipt of this Addendum in the appropriate location on the Bid Form.

Sincerely,

TLM ASSOCIATES, INC.
Architects + Engineers


Jerry L. Hartsfield, AIA
Architect

IMPORTANT: This Technical Data Sheet provides an overview of product performance. Prior to product selection you should refer to the current 3M Technical Specifications for more detailed product information and specifications.

Product Features and Benefits

- Micro-layered film designed for tear resistance
- Optically clear
- Applies to interior glass surfaces
- Helps protect from broken glass hazards
- Helps extend the life of furnishings by significantly reducing harmful UV rays

Applications

- Bomb Blast Mitigation
- Safety Glazing
- Helping to Deter Break & Entry
- Building Envelope Protection
- Spontaneous Glass Breakage
- Seismic Preparedness

Film Properties (typical)

Film Thickness	8 mils (203μ) nominal *
Film Construction	Micro-layered
Tensile Properties (ASTM D882)	
Tensile Strength	31,500 psi
Break Strength	253 lbs/in
Elongation at Break	135%
Yield Strength	15,000 psi
Elongation at Yield	8%
Modulus	520 kpsi
Other Physical Properties	
Graves Area Tear Resistance (ASTM D1004)	1,100 lbs% (MD) /1,050 lbs% (TD)

Puncture-Propagation-Tear Resistance (ASTM D2582)	10 lbf (MD) / 12 lbf (TD)
Puncture Strength (ASTM D4830)	183 lbf
Abrasion Resistance (ASTM D1044)	<5% Δ haze
Peel Strength (ASTM D3330)	6 lbs/in
Flammability (ASTM E84)	Class A
Solar Properties – film applied to 1/4" clear glass	
Visible Light Transmitted	88%
UV Light Rejected	99%

* Total thickness with adhesive is 9mils (230 μ)

Performance Testing

Method	Glass Substrate *	Film Attachment **	Blast Load	GSA Performance Condition and/or ASTM Hazard rating
Blast Mitigation				
GSA TS01-2003 ASTM F1642	1/4" annealed	IPA	6 psi, 42 psi msec	GSA Rating of "2" ASTM F1642 "No Hazard"
GSA TS01-2003 ASTM F1642	1" double pane annealed	IPA	6 psi, 42 psi msec	GSA Rating of "2" ASTM F1642 "No Hazard"
GSA TS01-2003 ASTM F1642	1" double pane annealed	IPA	9 psi, 70 psi msec	GSA Rating of "3B" ASTM F1642 "Very Low"
GSA TS01-2003 ASTM F1642	1" double pane tempered	IPA	9 psi, 70 psi msec	GSA Rating of "2" ASTM F1642 "No Hazard"
GSA TS01-2003 ASTM F1642	1" double pane tempered	IPA (2 sides)	6.5 psi, 47 psi msec	GSA Rating of "3a" ASTM F1642 "Minimal Hazard"
GSA TS01-2003 ASTM F1642	1/4" tempered	IPA (2 sides)	6 psi, 42 psi msec	GSA Rating of "3a" ASTM F1642 "Minimal Hazard"
GSA TS01-2003	1/4" tempered	IPA	7.5 psi, 50 psi msec	GSA Rating of "2"
GSA TS01-2003	1" double pane tempered	IPA	10 psi, 75 psi msec	GSA Rating of "2" ASTM F1642 "No Hazard"
GSA TS01-2003	1" double pane tempered	IPA (2 sides)	6.5 psi, 48 psi msec	GSA Rating of "3a"
GSA TS01-2003	1/4" annealed	IPA	7.5 psi, 55 psi msec	GSA Rating of "3a"
GSA TS01-2003	1" double pane annealed	IPA (2 sides)	6.84 psi, 45 psi msec	GSA Rating of "3b"

Method	Glass Substrate	Film Attachment **	Rating
Safety Glazing			
16 CFR 1201	1/4" & 1/8" annealed	--	Category 2, 400 ft-lbs and Category 1, 150 ft-lbs
ANSI Z97.1			Class A (Unlimited), 400 ft-lbs and Class B (Unlimited), 150 ft-lbs
Impact Resistance			
ASTMs E1886 / E1996	1/4" tempered	IPA	Missile Level C +/- 75 psf
ASTMs E1886 / E1996		IPA	Missile Level A +/- 75 psf

* Based on dry lamination of film to single pane glass and wet lamination of film to double pane insulated glass units.

** IPA = 3M™ Impact Protection Attachment Sealant, all 4 sides unless noted.

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IMPORTANT NOTICE:

This product is **not approved** in the State of Florida for use as hurricane, windstorm, or impact protection from wind-borne debris from a hurricane or windstorm. In compliance with Florida Statute 553.842, this product may not be advertised, sold, offered, provided, distributed, or marketed in the State of Florida as hurricane, windstorm, or impact protection from wind-borne debris from a hurricane or windstorm.

Commercial Solutions Division

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SECTION 01 21 16 - ALLOWANCES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes administrative and procedural requirements governing allowances.
- B. Types of allowances include the following:
 - 1. Lump-sum allowances.
 - 2. Quantity allowances.
 - 3. Contingency allowances.

1.3 DEFINITIONS

- A. Allowance: A quantity of work or dollar amount included in the Contract, established in lieu of additional requirements, used to defer selection of actual materials and equipment to a later date when direction will be provided to Contractor. If necessary, additional requirements will be issued by Change Order.

1.4 SELECTION AND PURCHASE

- A. At the earliest practical date after award of the Contract, advise Architect of the date when final selection, or purchase and delivery, of each product or system described by an allowance must be completed by the Owner to avoid delaying the Work.
- B. At Architect's request, obtain proposals for each allowance for use in making final selections. Include recommendations that are relevant to performing the Work.
- C. Purchase products and systems selected by Architect from the designated supplier.

1.5 ACTION SUBMITTALS

- A. Submit proposals for purchase of products or systems included in allowances in the form specified for Change Orders.

1.6 INFORMATIONAL SUBMITTALS

- A. Submit invoices or delivery slips to show actual quantities of materials delivered to the site for use in fulfillment of each allowance.
- B. Submit time sheets and other documentation to show labor time and cost for installation of allowance items that include installation as part of the allowance.
- C. Coordinate and process submittals for allowance items in same manner as for other portions of the Work.

1.7 LUMP-SUM ALLOWANCES

- A. Allowance shall include cost to Contractor of specific products and materials ordered by Owner or selected by Architect under allowance and shall include taxes, freight, and delivery to Project site.
- B. Unless otherwise indicated, Contractor's costs for receiving and handling at Project site, labor, installation, overhead and profit, and similar costs related to products and materials ordered by Owner or selected by Architect under allowance shall be included as part of the Contract Sum and not part of the allowance.
- C. Unused Materials: Return unused materials purchased under an allowance to manufacturer or supplier for credit to Owner, after installation has been completed and accepted.
 - 1. If requested by Architect, retain and prepare unused material for storage by Owner. Deliver unused material to Owner's storage space as directed.

1.8 UNIT-COST ALLOWANCES

- A. Allowance shall include cost to Contractor of specific products and materials ordered by Owner or selected by Architect under allowance and shall include taxes, freight, and delivery to Project site.
- B. Unless otherwise indicated, Contractor's costs for receiving and handling at Project site, labor, installation, overhead and profit, and similar costs related to products and materials ordered by Owner or selected by Architect under allowance shall be included as part of the Contract Sum and not part of the allowance.
- C. Unused Materials: Return unused materials purchased under an allowance to manufacturer or supplier for credit to Owner, after installation has been completed and accepted.
 - 1. If requested by Architect, retain and prepare unused material for storage by Owner. Deliver unused material to Owner's storage space as directed.

1.9 CONTINGENCY ALLOWANCES

- A. Use the contingency allowance only as directed by Architect for Owner's purposes and only by Change Orders that indicate amounts to be charged to the allowance.
- B. Contractor's overhead, profit, and related costs for products and equipment ordered by Owner under the contingency allowance are included in the allowance and are not part of the Contract Sum. These costs include delivery, installations, taxes, insurance, equipment rental, and similar costs.
- C. Change Orders authorizing use of funds from the contingency allowance will include Contractor's related costs and reasonable overhead and profit.
- D. At Project closeout, credit unused amounts remaining in the contingency allowance to Owner by Change Order.

1.10 ADJUSTMENT OF ALLOWANCES

- A. Allowance Adjustment: To adjust allowance amounts, prepare a Change Order proposal based on the difference between purchase amount and the allowance, multiplied by final measurement of work-in-place where applicable. If applicable, include reasonable allowances for cutting losses, tolerances, mixing wastes, normal product imperfections, required maintenance materials, and similar margins.
 - 1. Include installation costs in purchase amount only where indicated as part of the allowance.
 - 2. If requested, prepare explanation and documentation to substantiate distribution of overhead costs and other markups.
 - 3. Submit substantiation of a change in scope of Work, if any, claimed in Change Orders related to unit-cost allowances.
 - 4. Owner reserves the right to establish the quantity of work-in-place by independent quantity survey, measure, or count.
- B. Submit claims for increased costs due to a change in the scope or nature of the allowance described in the Contract Documents, whether for the purchase order amount or Contractor's handling, labor, installation, overhead, and profit.
 - 1. Do not include Contractor's or subcontractor's indirect expense in the Change Order cost amount unless it is clearly shown that the nature or extent of Work has changed from what could have been foreseen from information in the Contract Documents.
 - 2. No change to Contractor's indirect expense is permitted for selection of higher- or lower-priced materials or systems of the same scope and nature as originally indicated.

PART 2 - EXECUTION

2.1 EXAMINATION

- A. Examine products covered by an allowance promptly on delivery for damage or defects. Return damaged or defective products to manufacturer for replacement.

2.2 PREPARATION

- A. Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related work.

2.3 SCHEDULE OF ALLOWANCES

- A. General Contingency Allowance

- 1. Include in the Interior Base Bid a Lump Sum General Contingency Allowance of \$40,000.00.
- 2. Include in the Interior Base Bid a Lump Sum General Contingency Allowance of \$3,000.00 for ceiling tile replacement throughout facility.

END OF SECTION 01 21 00