



New Elementary School at Henry Street
NJDOE 3970-S01-01-0760

NJSDA NT-0019-C02-RB1

Passaic City
School District

Addendum #2

Revised

Bid Documentation;
RFI's w/ Responses;

&

AV System
Scope Modifications



RMJM Hillier
500 Alexander Park CN23
Princeton NJ 08543
Phone 609.452.8888

SKANSKA
SDA

NJ SCHOOLS DEVELOPMENT AUTHORITY



**NEW ELEMENTARY SCHOOL AT HENRY STREET
CONTRACT NO. NT-0019-C02-RB1
ADDENDUM NO. 2
Date: September 3, 2009**

1 West State Street
Trenton, NJ 08625
609-943-5955
www.njsda.gov

NOTICE TO BIDDERS

“This Addendum is issued for the purpose of amending certain requirements of the Construction Documents, as noted hereinafter, and is hereby made part of and incorporated in full force as part of the Construction Documents. Unless specifically noted or specified hereinafter all work shall conform to the applicable provisions of the Construction Documents”.

Whenever this addendum modifies a portion of any paragraph of the Project Manual, or a portion of any of the drawings, the remainder of the paragraph or drawing affected shall remain in force.

The conditions and terms of the basic specifications shall govern all Work described in this Addendum. Where the conditions of the work and the quality or quantity of materials or workmanship are not fully described in this Addendum, the conditions of work etc., included in the basic specifications for similar items of work shall apply to the work described in the Addendum.

Bid Due Date:

The Bid Due Date WILL change due to the issuance of this addendum.

Bids are to be received until Wednesday, September 23, 2009 at 2:00 PM (local time) at which time the bids will be publicly opened and the lump sum bid price submitted by each bidder will be read.

Any bid proposal received after this date and time will be returned unopened.

Delivery of Bid Options:

If U.S. Mail:

**NJSDA
P.O. Box 991
Trenton, New Jersey 08625-0991**

If Fed Ex, UPS, Courier, Hand Delivery:

**NJSDA
1 West State Street
First Floor (Wachovia Bank Building)
Trenton, New Jersey 08625-0991**

Purpose of Addendum:

This addendum is being issued to update and revise Contract Documentation. This addendum shall now modify these documents along with the following:

CONTENTS OF ADDENDUM No. 2:

Item No.

- 1. Reference: **Notice To Bidders:**
This Cover document for Addendum #2. Page 1 of 3 thru Page 3 of 3, dated Thursday, September 3, 2009.

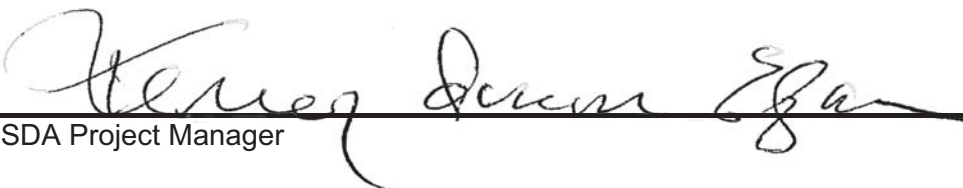
NEW ELEMENTARY SCHOOL AT HENRY STREET
CONTRACT NO. NT-0019-C02-RB1
ADDENDUM NO. 2
Date: September 3, 2009

1 West State Street
Trenton, NJ 08625
609-943-5955
www.njsda.gov

2. Return Receipt: **Acknowledgement of Receipt of Addendum #2:**
Required return receipt of this Addendum #1 from the primary bidders to the PMF, Skanska USA Building Inc., as official recognition and acknowledgement of this addendum. Receipt required before acceptance of the bid by the NJSDA. Page 3 of 3, dated September 3, 2009.
3. Update: **Price Proposal Form (revised):**
Issuance of new Price Proposal Submission form, revised as of 9/3/2009, to be used with submission of bid as recognition of this and all previous addenda. **This form shall replace all previous forms for price proposal submission which were issued as part of the original bid documentation or as part of any previously issued addenda.**
4. Update: **Schedule of Contract Documents & Drawing List (revised):**
Issuance of new Schedule of Contract Documents & Drawing List which is to substitute original document as indicating all Agreement documents including original and addenda documentation.
5. Reference: **Request For Information (RFI's) received during allowable period consisting of:**
- Request For Information, RFI #001 with response.
 - Request For Information, RFI #002 with response.
 - Request For Information, RFI #003 with response.
 - Request For Information, RFI #004 with response.
- Note: As stated in Addendum No. 01, the period for RFI's ended as of August 31, 2009. No further RFI's are or will be addressed after this date.**
6. Modification: **AV System Scope Modifications:**
Issuance of one page Audiovisual Matrix, dated September 1, 2009, with two page summary cover as prepared by RMJM Hillier, sub consultant, Cosentini, which encapsulates scope of work modifications to the AV System as requested by NJSDA.

END OF ADDENDUM NO. 2

NJSDA Project Manager





**NEW ELEMENTARY SCHOOL AT HENRY STREET
CONTRACT NO. NT-0019-C02-RB1
ADDENDUM NO. 2
Date: September 3, 2009**

1 West State Street
Trenton, NJ 08625
609-943-5955
www.njsda.gov

Acknowledgement of Receipt of Addendum No. 2

Contractor must acknowledge the receipt of the Addendum by signing in the space provided below and returning via fax to (1-866-868-1699). Signed acknowledgement must be received prior to the Bid Due Date. Acknowledgement of the Addendum must be made in Section E.6 of the Price Proposal Submission.

Signed

Print Name

Company Name

Date

PRICE PROPOSAL

PRICE PROPOSAL SUBMISSION

**for
 BID
 to**

NEW JERSEY SCHOOLS DEVELOPMENT AUTHORITY

For the following Package:

Contract Number: NT-0019-C02-RB1
 Contract Name/Description: Elementary School @ Henry Street
 District: City of Passaic
 County: Passaic

THIS PACKAGE IS COMPRISED OF THE FOLLOWING SCHOOL PROJECTS:

SCHOOL	CONSTRUCTION COST ESTIMATE
<u>Elementary School @ Henry Street</u>	<u>\$ 36,174,000.00</u>

Bid of _____
 (Bidder's Name) (Bidder's Federal I.D. #)

a Corporation organized and existing under the laws of the State of _____

or a partnership or joint venture consisting of _____

or an individual, trading as _____

There is a two-step bidding process for bidding with the NJSDA:

First Step: A Bidder must first submit the "Project Rating Proposal", which consists of information regarding the "other factors" which will be evaluated by the NJSDA in its consideration of the bid. The NJSDA will determine a Bidder's Project Rating Limit based on this proposal.

Second Step: A Bidder must submit the "Price Proposal", which contains the price the Bidder intends to bid for the work as well as other required information.

Important Notes:

- 1) A Bidder may not submit a Price Proposal that exceeds its Project Rating Limit for a project.
- 2) A Bidder's Project Rating Limit cannot exceed the firm's Aggregate Limit.

A. Price Proposal Submission:

The Bidder shall complete and execute this Price Proposal and enclose it in an envelope that is **sealed** and **clearly marked** with the Bidder’s Name, Contract Number, Contract Name, School District, County and the date of Price Proposal submission. The Bidder must submit its sealed Price Proposal to the NJSDA in accordance with Section 8 of the Instruction to Bidders.

B. Bidder:

All Bidders must be classified by the Department of the Treasury, Division of Property Management and Construction in all applicable trades; pre-qualified by the NJSDA in all applicable trades; registered with the Department of Labor; and registered with the Department of Treasury, Division of Revenue; and provide a valid contractor or trade licenses where applicable at the time of submission of this bid. **Time is of the essence for completion of all projects in this package.**

C. Subcontractors:

1. The Bidder **MUST** name all subcontractors that will be performing work in any of the trades listed in the Bid Advertisement or required by statute.
2. All listed subcontractors identified in accordance with Section C.1. above must be classified by the Department of the Treasury, Division of Property Management and Construction in all applicable trades; pre-qualified by the NJSDA in all applicable trades; registered with the Department of Labor; and registered with the Department of Treasury, Division of Revenue; and provide a valid contractor or trade licenses where applicable at the time of submission of this bid.
3. All Bidders **MUST** submit a copy of the Uncompleted Contracts Form for any subcontractor identified in the bid advertisement.
4. If the Bidder is properly classified and pre-qualified, and will be performing work in these trades with its “own forces,” so state. Failure to indicate what firms will be performing the work in the trades identified in the Bid Advertisement may cause the bid to be rejected.
5. The Bidder shall list the SBE status of each subcontractor, where applicable.

D. SBE Opportunities:

The Bidder agrees it shall make a good faith effort to meet the requirements of the SBE Utilization Attachment contained in the Contract Documents in order to ensure that small business enterprises, as defined in that attachment and in applicable regulation, have the maximum opportunity to compete for and perform subcontracts.

The NJSDA requires the contractor to provide opportunities to SBE firms to participate in the performance of this engagement, consistent with NJSDA’s SBE set aside goals of 25%, awarding 5% of the contract value to registered Category 4 SBE firms; 5% of the contract value to registered Category 5 SBE firms; and 5% of the contract value to registered Category 6 SBE firms; and 10% of the contract value to SBE firms registered in any of the three Categories.

=====

GENERAL CONSTRUCTION WORK:

Firm	Address	
SBE	DOL Contractor Registration #	Federal I.D. #

=====

STEAM AND HOT WATER HEATING AND VENTILATING APPARATUS WORK:

Firm Address

SBE DOL Contractor Registration # Federal I.D. #

PLUMBING AND GAS FITTING WORK:

Firm Address

SBE DOL Contractor Registration # Federal I.D. #

ELECTRICAL WORK:

Firm Address

SBE DOL Contractor Registration # Federal I.D. #

STRUCTURAL STEEL AND MISCELLANEOUS IRON WORK:

Firm Address

SBE DOL Contractor Registration # Federal I.D. #

OTHER TRADE CLASSIFICATIONS NAMED IN BID ADVERTISEMENT (Name Trade Classification): _____

Firm Address

SBE DOL Contractor Registration # Federal I.D. #

OTHER TRADE CLASSIFICATIONS NAMED IN BID ADVERTISEMENT (Name Trade Classification): _____

Firm Address

SBE DOL Contractor Registration # Federal I.D. #

E. Price:

1. The undersigned, as Bidder, declares:
 - That this Price Proposal is made, without collusion with any other person, firm or corporation;
 - That the Bidder has carefully examined the form of the Project Manual, Contract, Instructions to Bidders, Addenda, Specifications, Plans and all other Contract Documents;
 - That the Bidder has carefully examined the locations, conditions and classes of material for the proposed work;
 - That the Bidder agrees that it will provide all necessary machinery, tools, apparatus and other means of construction and will do all work and furnish all the materials called for in the Contract Documents in the manner therein prescribed; and
 - That this Price Proposal is submitted Net of Insurance, excluding all applicable insurance expenses and policy costs allocated to the on-site activities of the project as respects Workers' Compensation, Employer's Liability, Commercial General Liability, Owners Contractors Protective Liability, Excess/Umbrella Liability and Builder's Risk insurance.

2. In submitting this Price Proposal, the Bidder agrees:
 - That the NJSDA has the right to reject this Price Proposal in accordance with the Instructions to Bidders.
 - To hold this Price Proposal open for a period of ninety (90) calendar days from the date of the public opening and reading of the Price Proposals, unless this time period is extended by mutual agreement of the Bidder and the NJSDA.
 - To accomplish the work at the price bid, in accordance with the Contract Documents.

3. Base Price:
 - Total amount for the furnishing of all labor, materials, services, equipment and appliances required in conjunction with and properly incidental to all work, in conformance with all Contract Documents. **The price of allowances listed in the Specifications and/or by Addenda (um) must be included in the Base Bid Price.**

 - In case of a discrepancy between the amount shown in words and the amount shown in figures, **the amount shown in words shall govern.**

 - **The Public Opening and Reading of the Price is for informational purposes only and is not to be construed as an acceptance or rejection of any bid submitted.**

BASE BID PRICE: _____
(In Words)

\$ _____
(In Figures)

4. Alternates:

Refer to the Specifications and/or Addenda (um) for the list of Alternates, if any.

For each listed Alternate, the Bidder shall:

1. Identify specifically the alternate to be addressed under the column entitled "Alternates". Said identification shall be the name or number of the alternate;

2. Fill in the amount bid for the Alternate in the column entitled **“Price”** in the appropriate space opposite the **“Alternate”** column and indicate if this price is a decrease alternate by using the symbol **“-”** or an increase alternate using the symbol **“+”**. If the alternate is chosen, increase alternates will increase the base bid by the amount indicated, decrease alternates will result in a reduction of the base bid by the amount indicated;
3. If no change in the bid amount is required, the Bidder must indicate **“No Change”** or **“\$0 dollars”** in the price column.

<u>Alternate</u>	<u>Price</u>

5. Bid Bond:

The Bidder shall attach to this Price Proposal a Bid Bond, having a value of ten percent (10%) of the total base bid amount. Bid Bonds shall be returned to all unsuccessful Bidders in accordance with the Instructions to Bidders.

6. Addenda:

The Bidder acknowledges receipt and incorporated into this bid of the following Addenda:

Number:	01	02			
Dated:	08/26/2009	09/03/2009			

F. CERTIFICATION

The Bidder hereby certifies to the best of its knowledge and belief and under penalty of perjury under the laws of the United States and the State of New Jersey:

1. That all information provided herein is accurate and truthful.
2. That an affirmative action program of equal employment opportunity, pursuant to P.L. 1945, c. 169, the “New Jersey Law Against Discrimination,” as supplemented and amended has been adopted by this organization to ensure that applicants are employed and employees are treated without regard to their race, creed, color, national origin, ancestry, marital status, sex, or affectional or sexual orientation, and that the selection and utilization of contractors, subcontractors, consultants, materials suppliers and equipment lessors shall be done without regard to their race, creed, color, national origin, ancestry, marital status, sex, or affectional or sexual orientation. Such action shall include but not be limited to the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeships. The Bidder agrees to post in conspicuous places, available to employees and applicants for employment, Notices to be provided by the NJSDA’s Compliance Officer setting forth provisions of this nondiscrimination clause. Said affirmative action program addresses both the internal recruitment, employment and utilization of minorities and the external recruitment policy regarding minority contractors, subcontractors, consultants, materials suppliers and equipment lessors.

3. That the bid has been executed with full authority to do so; that the Bidder has not directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free, competitive bidding in connection with these projects; and that all statements contained in this bid and in this certification are true and correct and made with full knowledge that the NJSDA's relies upon the truth of the statements contained in this bid and in the statements contained in this certification in awarding the contract for the projects.
4. That neither the Bidder nor its principals:
 - A. are currently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from bidding or contracting by any agency of government including but not limited to federal, state, regional, county or local government agency, in this or any other state including any department, division, commission, authority, office, branch, section and political subdivision or other governmental or quasi-governmental entity;
 - B. have, within a three-year period preceding this bid, been convicted or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain or performing a public federal, state or local contract; violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - C. are currently indicted for or otherwise criminally or civilly charged by a governmental entity (federal, state or local) with commission of any of the offenses enumerated in paragraph (B) of this certification; and
 - D. have, within a three-year period preceding this bid, had one or more public contracts (federal, state or local) terminated for cause or default.
5. The Bidder has a current, valid registration issued pursuant to the "Public Works Contractor Registration Act, "P.L. 1999, c. 238 (c. 34:11-56.48 et. seq)".
6. The Bidder has a current, valid Business Registration Certificate for State Agency and Casino Service Contractors issued by the NJ Department of Treasury to perform work in New Jersey.
7. The Bidder has current, valid contractor or trade licenses and permits required under applicable New Jersey law for any trade or specialty area in which the firm seeks to perform work.
8. That the Bidder will comply with Public Law 2005, Chapter 51 (N.J.S.A. 19:44A-20.13-20.25, superseding Executive Order 134 (2004)) and as amended by Executive Order 117 (2008), and submit a N.J. Division of Purchase and Property "Two-Year Chapter 51/Executive Order 117 Vendor Certification & Disclosure of Political Contributions" and "Ownership Disclosure Form" if awarded the bid
9. That the Bidder is aware of its continuing responsibility to file an annual disclosure statement on "contributions" as that term is defined in P.L. 2005, c. 51 (formerly Executive Order 134 (2004)) or any "Business Entity," as that term is defined in P.L. 2005, c. 51, associated with the Bidder, on the "Disclosure of Political Contribution" form provided by the NJSDA, at the time such contribution is made." This applies to the contractor if the contractor receives contracts in excess of \$50,000 from a public entity in a calendar year. It is the contractor's responsibility to determine if filing is necessary. Failure to so file can result in the imposition of financial penalties by ELEC. Additional information about this requirement is available from ELEC at 888-313-3532 or at www.elec.state.nj.us .
10. During the term of construction of the project(s) that comprise this package, the Bidder will have in place a suitable quality control and quality assurance program and an appropriate safety and health plan.

11. The amount of the Price Proposal and the value of the Bidder's outstanding incomplete contracts does not exceed the Bidder's Aggregate Rating.

12. Where the Bidder is unable to certify to any of the statements in this certification, the Bidder shall explain below.

IN WITNESS WHEREOF, the Bidder has caused this instrument to be signed, attested to and sealed.

Bidder: _____
(Legal Firm Name)

By: _____
(Signature) _____
(Printed or Typed Name)

Title: _____

Address: _____

Telephone No.: _____

Fax No.: _____

Date: _____

Witness: _____

Printed or Typed Name: _____

Date: _____



END OF PRICE PROPOSAL

SCHEDULE OF CONTRACT DOCUMENTS & DRAWING LIST

NUMBER	TITLE	DATE	# OF PAGES
VOLUME 1	NJSDA GENERAL REQUIREMENTS PROJECT MANUAL		
TOC	TABLE OF CONTENTS	08/11/2009	7
AD	BID ADVERTISEMENT	08/11/2009	3
IB	INSTRUCTION TO BIDDERS	06/09/2009	12
PRP	PROJECT RATING PROPOSAL FORM	09/11/2008	7
PP	PRICE PROPOSAL FORM	06/19/2009	7
JV	STATEMENT OF JOINT VENTURE FORM	07/15/2007	3
UC	NJSDA TOTAL AMOUNT OF UNCOMPLETED CONTRACTS FORM	07/15/2007	1
BB	BID BOND FORM	07/15/2007	1
SF	SAMPLE FORMS TO BE COMPLETED UPON EXECUTION OF CONTRACT	02/24/2009	1
FC	FORM OF CONTRACT	07/15/2007	1
FB	PERFORMANCE BOND FORM	07/15/2007	1
PB	PAYMENT BOND FORM	07/15/2007	1
FA	SBE FORM A – SCHEDULE OF SBE PARTICIPATION FOR GENERAL CONTRACTORS AND PRIME CONSULTANTS	06/05/2009	1
FC	SBE FORM C – CONFIRMATION OF SBE STATUS	06/05/2009	1
	NJSDA ACCORD SAMPLE INSURANCE CERTIFICATE FORMS		
COII	INELIGIBLE SAMPLE FORM	09/04/2008	1
COIE	ELIGIBLE SAMPLE FORM	09/04/2008	1
	OWNER'S CONTROLLED INSURANCE PROGRAM (OCIP) FORMS		
OCIP	FORM 1101 - CONTRACTOR/SUBCONTRACTOR OCIP ENROLLMENT FORM	03/2008	4
CEI	FORM 1102 – OCIP ENROLLMENT PROCESS	03/2008	1
SA	FORM 1105 - SUBCONTRACTOR APPROVAL FORM	03/2009	2
SA	FORM 1106 - SUBCONTRACTOR APPROVAL FORM INSTRUCTIONS	03/2009	1
IA	INTEGRITY AFFIDAVIT	07/15/2007	2
DF	DISCLOSURE TO BUREAU OF FISCAL OVERSIGHT GENERAL CONSENT & WAIVER	07/15/2007	2
AA-201	INITIAL PROJECT WORKFORCE REPORT (AA201) - CONSTRUCTION	08/2007	2
AA-201a	SUB-CONTRACTOR PROJECTION FORM AA201a	08/2007	1
DPP c51	PUBLIC LAW 2005, CHAPTER 51 (formerly E. O. 134) and Executive Order 117 (2008) INFORMATION AND INSTRUCTIONS	11/17/2008	4
CH 51.1 R	TWO-YEAR CHAPTER 51 / EXECUTIVE ORDER 117 – VENDOR CERTIFICATION AND DISCLOSURE OF POLITICAL CONTRIBUTIONS	01/21/2009	3
ODF	OWNERSHIP DISCLOSURE FORM	04/1999	1
CE	CODE OF ETHICS FOR VENDORS	07/15/2007	1
SB	SBE UTILIZATION ATTACHMENT FOR 100% STATE FUNDED CONTRACTS	04/2009	4
SM	NJSDA SAFETY MANUAL	06/2009	94
PLA	PROJECT LABOR AGREEMENT SECTION COVER		
	PROJECT LABOR AGREEMENT	02/28/2003	44
	CONTRACTOR'S SIGNATURE PAGE	07/29/2003	1
	LETTER OF ASSENT	07/29/2003	1
PW	PREVAILING WAGE RATE SECTION COVER	07/15/2007	1
	PREVAILING WAGE RATE DETERMINATION, ENTIRE STATE	07/02/2009	36
	PREVAILING WAGE RATE DETERMINATION, COUNTY OF PASSAIC	06/24/2009	64
GC	GENERAL CONDITIONS	02/09/2009	99
SC	SUPPLEMENTARY CONDITIONS	07/14/2009	19
DL	SCHEDULE OF CONTRACT DOCUMENTS & DRAWING LIST	08/11/2009	13

SCHEDULE OF CONTRACT DOCUMENTS & DRAWING LIST

NUMBER	TITLE	DATE	# OF PAGES
EXHIBITS	EXHIBITS SECTION COVER	07/14/2009	1
EXHIBIT 1	Exhibit 1 City of Passaic Traffic Regulations & Corridors	04/08/2005	9
EXHIBIT 2	Exhibit 2 Geotechnical Engineering Report (by Langan Engineering)	12/13/2004	63
EXHIBIT 3	Exhibit 3 Remedial Action Workplan (by PMK Group)	01/17/2008	110
DIVISION 1 GENERAL REQUIREMENTS			
01010	Summary of the Work with Bulletin #57	08/10/2009	9
01020	Allowances	07/15/2007	2
01030	Alternates	07/15/2007	2
01050	Field Engineering	07/15/2007	3
01080	Change Order Procedure	07/15/2007	4
01100	Coordination	07/15/2007	3
01130	Cutting & Patching	07/15/2007	3
01140	Work Restrictions	07/14/2009	3
01200	Preconstruction Conference	07/15/2007	2
01220	Project Meetings	07/15/2007	2
01300	Submittals	07/15/2007	9
01310	Schedules and Reports	10/28/2008	15
01380	Photographs	07/15/2007	1
01400	Quality Management	07/14/2009	5
01410	Testing Laboratory Services	07/15/2007	5
01411	HVAC Test & Balance	07/15/2007	7
01500	Temporary Facilities	07/15/2007	5
01505	Construction Waste Management	07/14/2009	7
01510	Construction Indoor Air Quality Management	07/14/2009	15
01520	Storage and Protection	07/15/2007	2
01600	Products & Substitutions	07/15/2007	4
01700	Contract Closeout	07/15/2007	5
01710	Final Cleaning	07/15/2007	2
01720	Execution Requirements	07/14/2009	9
01810	Project Record Documents	07/15/2007	2
01820	Operations & Maintenance Data	07/15/2007	4
01830	Commissioning Requirements	07/14/2009	32
01840	Demonstration & Training	07/14/2009	6
01850	Warranties, Guarantees & Bonds	07/14/2009	8
VOLUME 2	CIVIL PROJECT MANUAL		
TOC	TABLE OF CONTENTS	08/11/2009	7
02005	Protection of Existing Utilities	05/22/2009	2
02010	Project Survey and Layout	05/22/2009	4
02020	Soil Erosion and Sediment Control	05/22/2009	3
02050	Maintenance and Protection of Traffic	05/22/2009	2
02070	Demolition and Debris Removal	05/22/2009	20
02080	Asbestos Abatement	05/22/2009	61
02100	UST Removal	05/22/2009	11
02110	Site Clearing	05/22/2009	2
02150	Excavation Support	05/22/2009	5

SCHEDULE OF CONTRACT DOCUMENTS & DRAWING LIST

NUMBER	TITLE	DATE	# OF PAGES
02170	Contaminated Soil Management	05/22/2009	10
02200	Earthwork	05/22/2009	11
02222	Trench Excavation and Backfill for Utilities	05/22/2009	7
02225	Excavation, Backfill and Subgrade Preparation for Buildings	05/22/2009	5
02227	Excavation, Backfill and Subgrade Preparation for Pavement	05/22/2009	5
02276	Modular Block Retaining Wall	05/22/2009	9
02410	Structural Concrete	05/22/2009	21
02513	Asphaltic Concrete Pavement	05/22/2009	8
02525	Curbs and Sidewalks	05/22/2009	6
02550	Guide Rail	05/22/2009	4
02580	Pavement Markings	05/22/2009	2
02581	Asphalt Roadway Pavement Repair	05/22/2009	3
02585	Traffic Control Signage	05/22/2009	1
02590	Site Lighting	05/22/2009	5
02660	Water Distribution System	05/22/2009	6
02720	Storm Sewer System	05/22/2009	10
02730	Gravity Sanitary Sewer System	05/22/2009	7
02800	Other Utilities	05/22/2009	5
02830	Ornamental Metal Fencing and Gates	05/22/2009	7
02855	Flagpoles	05/22/2009	3
02860	Early Childhood Playground Equipment	05/22/2009	15
02861	Poured in Place Safety Surface	05/22/2009	4
02862	Outdoor Game Equipment	05/22/2009	6
02900	Landscape Planting	05/22/2009	12
02920	Soil Preparation and Mixes	05/22/2009	14
VOLUME 3 ARCHITECTURAL PROJECT MANUAL			
TOC	TABLE OF CONTENTS	08/11/2009	7
03300	Cast-In-Place Concrete	05/22/2009	65
04720	Cast Stone	05/22/2009	7
04810	Unit Masonry Assemblies	05/22/2009	18
05100	Structural Steel	05/22/2009	49
05300	Metal Deck and Stud Shear Connectors	05/22/2009	26
05400	Cold-Formed Metal Framing	05/22/2009	8
05500	Metal Fabrications	05/22/2009	9
05511	Metal Stairs	05/22/2009	9
05521	Pipe and Tube Railings	05/22/2009	7
05530	Gratings	05/22/2009	4
05721	Ornamental Railings	05/22/2009	6
05811	Architectural Joint Systems	05/22/2009	9
06100	Rough Carpentry	05/22/2009	6
06160	Sheathing	05/22/2009	5
07131	Self-Adhering Sheet Waterproofing	05/22/2009	7
07163	Metal-Oxide Waterproofing	05/22/2009	5
07210	Building Insulation	05/22/2009	5
07272	Fluid-Applied Membrane Air Barriers	05/22/2009	8

SCHEDULE OF CONTRACT DOCUMENTS & DRAWING LIST

NUMBER	TITLE	DATE	# OF PAGES
07412	Metal Wall Panels	05/22/2009	15
07481	Exterior Noise Control Panels	05/22/2009	11
07552	SBS-Modified Bituminous Membrane Roofing	05/22/2009	11
07620	Sheet Metal Flashing and Trim	05/22/2009	8
07710	Manufactured Roof Specialties	05/22/2009	8
07716	Roof Expansion Assemblies	05/22/2009	5
07720	Roof Accessories	05/22/2009	6
07811	Sprayed Fire-Resistive Materials	05/22/2009	11
07841	Through-Penetration Firestop Systems	05/22/2009	7
07842	Fire-Resistive Joint Systems	05/22/2009	7
07920	Joint Sealants	05/22/2009	11
08111	Standard Steel Doors and Frames	05/22/2009	12
08211	Flush Wood Doors	05/22/2009	6
08221	Fiberglass Doors	05/22/2009	7
08311	Access Doors and Frames	05/22/2009	5
08331	Overhead Coiling Doors	05/22/2009	5
08411	Aluminum Framed Entrances and Storefronts	05/22/2009	10
08520	Aluminum Windows	05/22/2009	9
08710	Door Hardware	05/22/2009	15
08800	Glazing	05/22/2009	14
08911	Glazed Aluminum Curtain Walls	05/22/2009	10
09111	Non-Load-Bearing Steel Framing	05/22/2009	6
09220	Portland Cement Plaster	05/22/2009	7
09250	Gypsum Board	05/22/2009	7
09265	Gypsum Board Shaft-Wall Assemblies	05/22/2009	6
09271	Glass-Reinforced Gypsum Fabrications	05/22/2009	4
09310	Ceramic Tile	05/22/2009	13
09511	Acoustical Panel Ceilings	05/22/2009	10
09640	Wood Flooring	05/22/2009	7
09642	Wood Sports-Flooring Assemblies	05/22/2009	7
09650	Resilient Floor Tile & Accessories	05/22/2009	8
09680	Carpet	05/22/2009	9
09841	Acoustical Wall Panels	05/22/2009	6
09842	Suspended Acoustical Ceiling Clouds	05/22/2009	8
09912	Interior Painting	05/22/2009	10
09960	High-Performance Coatings	05/22/2009	8
10101	Visual Display Surfaces	05/22/2009	6
10125	Bulletin Boards and Display Cases	05/22/2009	7
10155	Toilet Compartments	05/22/2009	4
10191	Cubicle Curtains and Tracks	05/22/2009	5
10200	Louvers and Vents	05/22/2009	7
10265	Impact-Resistant Wall Protection	05/22/2009	6
10410	Directories	05/22/2009	6
10431	Signage	05/22/2009	7
10505	Metal Lockers	05/22/2009	10

SCHEDULE OF CONTRACT DOCUMENTS & DRAWING LIST

NUMBER	TITLE	DATE	# OF PAGES
10520	Fire-Protection Specialties	05/22/2009	7
10655	Accordion Folding Partitions	05/22/2009	7
10801	Toilet and Bath Accessories	05/22/2009	6
11063	Stage Curtains	05/22/2009	5
11132	Projection Screens	05/22/2009	7
11400	Food Service Equipment	05/22/2009	25
11490	Gymnasium Equipment	05/22/2009	13
12355	Institutional Casework	05/22/2009	8
12484	Floor Mats and Frames	05/22/2009	3
12491	Horizontal Louver Blinds	05/22/2009	5
14240	Hydraulic Elevators	05/22/2009	11
VOLUME 4	MEP PROJECT MANUAL		
TOC	TABLE OF CONTENTS	08/11/2009	7
02584	Underground Ducts and Utility Structures	05/22/2009	13
13100	Lightning Protection	05/22/2009	3
13485	Lighting Controls	05/22/2009	6
13851	Fire Alarm	05/22/2009	14
13915	Fire-Suppression Piping	05/22/2009	26
13921	Electric-Drive, Centrifugal Fire Pumps	05/22/2009	12
15050	Basic Mechanical Materials and Methods	05/22/2009	12
15055	Motors	05/22/2009	6
15060	Hangers and Supports	05/22/2009	13
15071	Mechanical Vibration and Seismic Controls	05/22/2009	10
15075	Mechanical Identification	05/22/2009	8
15080	Mechanical Insulation	05/22/2009	33
15110	Valves	05/22/2009	13
15121	Pipe Expansion Fittings and Loops	05/22/2009	4
15122	Meters and Gages	05/22/2009	3
15140	Domestic Water Piping	05/22/2009	11
15150	Sanitary Waste and Vent Piping	05/22/2009	10
15160	Storm Drainage Piping	05/22/2009	10
15181	Hydronic Piping	05/22/2009	14
15182	Steam and Condensate Piping	05/22/2009	13
15183	Refrigerant Piping	05/22/2009	13
15185	Hydronic Pumps	05/22/2009	7
15186	Steam Condensate Pumps	05/22/2009	5
15189	HVAC Water Treatment	05/22/2009	9
15191	Fuel Oil Piping	05/22/2009	7
15194	Fuel Gas Piping	05/22/2009	13
15410	Plumbing Fixtures	05/22/2009	15
15415	Drinking Fountains and Water Coolers	05/22/2009	6
15430	Plumbing Specialties	05/22/2009	22
15441	Domestic Water Pumps	05/22/2009	7
15445	Sewage Pumps	05/22/2009	7
15446	Sump Pumps	05/22/2009	7

SCHEDULE OF CONTRACT DOCUMENTS & DRAWING LIST

NUMBER	TITLE	DATE	# OF PAGES
15486	Fuel-Fired Water Heaters	05/22/2009	8
15512	Cast-Iron Boilers	05/22/2009	8
15520	Feedwater Equipment	05/22/2009	6
15550	Breechings, Chimneys, and Stacks	05/22/2009	4
15555	Draft Control Devices	05/22/2009	4
15626	Rotary-Screw Water Chillers	05/22/2009	8
15710	Hydronic and Steam Heat Exchangers	05/22/2009	5
15732	Rooftop Air Conditioners	05/22/2009	12
15734	Computer-Room Air-Conditioning Units	05/22/2009	6
15738	Split-System Air-Conditioning Units	05/22/2009	5
15763	Fan-Coil Units	05/22/2009	7
15764	Convection Heating Units	05/22/2009	7
15766	Cabinet Unit Heaters	05/22/2009	7
15767	Propeller Unit Heaters	05/22/2009	4
15785	Air-To-Air Energy Recovery Units	05/22/2009	4
15815	Metal Ducts	05/22/2009	11
15820	Duct Accessories	05/22/2009	10
15838	Power Ventilators	05/22/2009	8
15840	Air Terminal Units	05/22/2009	5
15855	Diffusers, Registers, and Grilles	05/22/2009	4
15900	HVAC Instrumentation and Controls	05/22/2009	22
15940	Sequence of Operation	05/22/2009	14
15950	Testing, Adjusting, and Balancing	05/22/2009	28
16050	Basic Electrical Materials and Methods	05/22/2009	5
16055	Overcurrent Protective Device Coordination	05/22/2009	5
16060	Grounding and Bonding	05/22/2009	6
16072	Electrical Supports and Seismic Restraints	05/22/2009	8
16075	Electrical Identification	05/22/2009	8
16120	Conductors and Cables	05/22/2009	4
16130	Raceways and Boxes	05/22/2009	8
16139	Cable Trays	05/22/2009	5
16140	Wiring Devices	05/22/2009	11
16145	Lighting Control Devices	05/22/2009	6
16211	Electricity Metering	05/22/2009	4
16231	Packaged Engine Generator	05/22/2009	14
16269	Variable Frequency Controllers	05/22/2009	10
16289	Transient Voltage Suppression	05/22/2009	6
16410	Enclosed Switches and Circuit Breakers	05/22/2009	7
16415	Transfer Switches	05/22/2009	8
16420	Enclosed Controllers	05/22/2009	8
16441	Switchboards	05/22/2009	10
16442	Panelboards	05/22/2009	9
16461	Dry-Type Transformers (600 V and Less)	05/22/2009	5
16491	Fuses	05/22/2009	3
16511	Interior Lighting	05/22/2009	9

SCHEDULE OF CONTRACT DOCUMENTS & DRAWING LIST

16521	Exterior Lighting	05/22/2009	8
16555	Theatrical Dimming Controls	05/22/2009	22
VOLUME 5 TECHNOLOGY PROJECT MANUAL			
TOC	TABLE OF CONTENTS	08/11/2009	7
17100	Telecom Wiring Systems	05/22/2009	47
17200	CATV Cabling Specification	05/22/2009	5
17300	Telephone System	05/22/2009	20
17300	Telephone System Matrix	05/22/2009	2
17400	Audio Visual System	05/22/2009	27
17400	Audiovisual System Equipment List	05/22/2009	7
17740	PA/Clock System	05/22/2009	12
17740	PA/Clock System Matrix	05/22/2009	3
17900	Security System	05/22/2009	88

Number	Title	Date
VOLUME 1 Civil, Architectural and Structural Drawings		
-	Cover Sheet	06/30/2009
A0.00	List of Drawings	06/30/2009
AR1.01	Asbestos Removal Plan	06/30/2009
C1.01	Site Plan	06/30/2009
C2.01	Grading and Drainage Plan	06/30/2009
C3.01	Utility Plan	06/30/2009
C4.01	Soil Erosion and Sediment Control Plan	06/30/2009
C5.01	Site Details I	06/30/2009
C5.02	Site Details II	06/30/2009
C5.03	Site Details III	06/30/2009
C5.04	Site Details IV	06/30/2009
D1.01	Demolition Plan	06/30/2009
D2.01	Soil Erosion and Sediment Control Plan	06/30/2009
L1.01	Landscape Plan	06/30/2009
L1.02	Landscape Notes and Details	06/30/2009
L2.01	Lighting Plan	06/30/2009
L2.02	Lighting Notes and Details	06/30/2009
A0.01	Abbreviations, Project Symbols & Mounting Heights	06/30/2009
A0.10	Partition Schedules and Details	06/30/2009
A0.20	Door Schedules and Details	06/30/2009
A1.00	Building Code Analysis Summary	06/30/2009
A1.01	First Floor Egress/Code Plan	06/30/2009
A1.02	Second Floor Egress/Code Plan	06/30/2009
A1.03	Third Floor Egress/Code Plan	06/30/2009
A2.01	First Floor Orientation Plan	06/30/2009
A2.01AC	First Floor Plan – Sectors A & C	06/30/2009
A2.01B	First Floor Plan - Sector B	06/30/2009
A2.02	Second Floor Orientation Plan	06/30/2009
A2.02AC	Second Floor Plan - Sectors A & C	06/30/2009

SCHEDULE OF CONTRACT DOCUMENTS & DRAWING LIST

Number	Title	Date
A2.02B	Second Floor Plan - Sector B	06/30/2009
A2.03	Third Floor Orientation Plan	06/30/2009
A2.03AC	Third Floor Plan - Sectors A & C	06/30/2009
A2.50	Roof Plan	06/30/2009
A3.01	Exterior Elevations	06/30/2009
A3.02	Partial Exterior Elevations	06/30/2009
A3.03	Partial Exterior Elevations	06/30/2009
A3.04	Partial Exterior Elevations	06/30/2009
A3.30	Wall Sections	06/30/2009
A3.31	Wall Sections	06/30/2009
A3.32	Wall Sections	06/30/2009
A3.33	Wall Sections	06/30/2009
A3.34	Wall Sections	06/30/2009
A3.35	Wall Sections	06/30/2009
A3.36	Wall Sections	06/30/2009
A3.37	Wall Sections	06/30/2009
A3.38	Wall Sections	06/30/2009
A3.39	Wall Sections	06/30/2009
A3.40	Wall Sections	06/30/2009
A3.41	Wall Sections	06/30/2009
A3.50	Plan Details	06/30/2009
A3.51	Plan Details	06/30/2009
A3.52	Plan Details	06/30/2009
A3.53	Plan Details	06/30/2009
A3.54	Plan Details	06/30/2009
A3.55	Plan Details	06/30/2009
A3.56	Plan Details	06/30/2009
A3.57	Plan Details	06/30/2009
A3.60	Wall Section Details	06/30/2009
A3.61	Wall Section Details	06/30/2009
A3.62	Wall Section Details	06/30/2009
A3.63	Wall Section Details	06/30/2009
A3.64	Wall Section Details	06/30/2009
A3.65	Roof Penetration Details	06/30/2009
A4.00	Enlarged Toilet Room Plans	06/30/2009
A4.10	Enlarged Elevator Plans & Sections	06/30/2009
A4.20	Enlarged Stair Plans & Sections	06/30/2009
A4.21	Enlarged Stair Plans & Sections	06/30/2009
A4.22	Enlarged Stair Plans & Sections	06/30/2009
A4.40	Stair Details	06/30/2009
A4.41	Stair Details	06/30/2009
A4.42	Elevator Stair & Ramp Details	06/30/2009
A5.00	Classroom Interior Elevations & Enlarged Plans	06/30/2009
A5.01	Classroom Interior Elevations & Enlarged Plans	06/30/2009
A5.10	Interior Elevations – Cafetorium & Gymnasium	06/30/2009

SCHEDULE OF CONTRACT DOCUMENTS & DRAWING LIST

Number	Title	Date
A5.11	Interior Elevations	06/30/2009
A5.12	Interior Elevations	06/30/2009
A5.20	Interior Details	06/30/2009
A5.21	Interior Plan Details	06/30/2009
A5.22	Interior Details	06/30/2009
A5.23	Interior Details	06/30/2009
A5.24	Interior Details	06/30/2009
A5.60	Ceiling Details	06/30/2009
A5.61	Ceiling Details	06/30/2009
A6.01AC	First Floor Reflected Ceiling Plan - Sectors A & C	06/30/2009
A6.01B	First Floor Reflected Ceiling Plan - Sector B	06/30/2009
A6.02AC	Second Floor Reflected Ceiling Plan - Sectors A & C	06/30/2009
A6.02B	Second Floor Reflected Ceiling Plan - Sector B	06/30/2009
A6.03AC	Third Floor Reflected Ceiling Plan - Sector A & C	06/30/2009
A7.000	Finish Schedules	06/30/2009
A7.001	Signage Details	06/30/2009
A7.01AC	First Floor Finish and Signage Plan – Sectors A & C	06/30/2009
A7.01B	First Floor Finish and Signage Plan – Sector B	06/30/2009
A7.02AC	Second Floor Finish and Signage Plan – Sectors A & C	06/30/2009
A7.02B	Second Floor Finish and Signage Plan – Sector B	06/30/2009
A7.03AC	Third Floor Finish and Signage Plan – Sectors A & C	06/30/2009
A7.10	Enlarged Finish Plans	06/30/2009
A8.000	Casework and Equipment Schedules	06/30/2009
A8.01AC	First Floor Casework & Equipment Plan - Sectors A & C	06/30/2009
A8.01B	First Floor Casework & Equipment - Sector B	06/30/2009
A8.02AC	Second Floor Casework & Equipment - Sector A & C	06/30/2009
A8.02B	Second Floor Casework & Equipment - Sector B	06/30/2009
A8.03AC	Third Floor Casework & Equipment - Sector A & C	06/30/2009
FS-1	Food Service – Equipment Plan & Schedule	06/30/2009
FS-2	Food Service – Roughing Plan & Details	06/30/2009
S0.01	Design Criteria	06/30/2009
S0.02	Design Criteria	06/30/2009
S0.03	General Notes	06/30/2009
S0.04	Standard Abbreviations	06/30/2009
S1.01AC	First Floor Plan Sector A/C	06/30/2009
S1.01B	First Floor Plan Sector B	06/30/2009
S1.02AC	Second Floor Plan Sector A/C	06/30/2009
S1.02B	Second Floor Plan Sector B	06/30/2009
S1.03AC	Third Floor Plan Sector A/C	06/30/2009
S1.03B	Third Floor Plan Sector B	06/30/2009
S1.04AC	Roof Plan Sector A/C	06/30/2009
S1.05AC	Dunnage Plan Sector A/C	06/30/2009
S2.01	Bracing Elevations	06/30/2009
S2.02	Bracing Elevations	06/30/2009
S3.01	Typical Details and Schedules	06/30/2009

SCHEDULE OF CONTRACT DOCUMENTS & DRAWING LIST

Number	Title	Date
S3.02	Typical Details and Schedules	06/30/2009
S3.03	Typical Details and Schedules	06/30/2009
S3.04	Typical Details and Schedules	06/30/2009
S3.05	Typical Details and Schedules	06/30/2009
S3.06	Typical Details and Schedules	06/30/2009
S3.07	Typical Details and Schedules	06/30/2009
S3.08	Typical Details and Schedules	06/30/2009
S3.09	Typical Details and Schedules	06/30/2009
S3.10	Typical Details and Schedules	06/30/2009
S3.11	Typical Details and Schedules	06/30/2009
S4.01	Details and Sections	06/30/2009
S4.02	Details and Sections	06/30/2009
S4.03	Details and Sections	06/30/2009
S4.04	Details and Sections	06/30/2009
S4.05	Details and Sections	06/30/2009
VOLUME 2	MEPS Drawings	
-	Cover Sheet	06/30/2009
A0.00	List of Drawings	06/30/2009
M-100	Symbol List and Abbreviations	06/30/2009
M-200	Air Riser Diagram	06/30/2009
M-201	Water Flow Diagram	06/30/2009
M-202	Steam Flow Diagram	06/30/2009
M-203	Control Block Diagram	06/30/2009
M-204	Control Wiring Diagram	06/30/2009
M-205	Control Wiring Diagram	06/30/2009
M-206	Control Wiring Diagram	06/30/2009
M-207	Control Wiring Diagram	06/30/2009
M-208	Control Wiring Diagram	06/30/2009
M-300	Equipment Schedules Sheet 1	06/30/2009
M-301	Equipment Schedules Sheet 2	06/30/2009
M-302	Equipment Schedules Sheet 3	06/30/2009
M-303	Ventilation Index Sheet 4	06/30/2009
M-304	Ventilation Schedule Sheet #1	06/30/2009
M-305	Ventilation Schedule Sheet #2	06/30/2009
M-401AC	First Floor Sector A & C Ductwork Plan	06/30/2009
M-401B	First Floor Sector B Ductwork Plan	06/30/2009
M-402AC	Second Floor Sector A & C Ductwork Plan	06/30/2009
M-402B	Second Floor Sector B Ductwork Plan	06/30/2009
M-403AC	Third Floor Sector A & C Ductwork Plan	06/30/2009
M-403B	Third Floor Sector B Ductwork Plan	06/30/2009
M-404AC	Roof Sector A & C Ductwork Plan	06/30/2009
M-500B	Second Floor MER Sector B Piping Part Plan	06/30/2009
M-501AC	First Floor Sector A & C Piping Plan	06/30/2009
M-501B	First Floor Sector B Piping Plan	06/30/2009

SCHEDULE OF CONTRACT DOCUMENTS & DRAWING LIST

Number	Title	Date
M-502AC	Second Floor Sector A & C Piping Plan	06/30/2009
M-502B	Second Floor Sector B Piping Plan	06/30/2009
M-503AC	Third Floor Sector A & C Piping Plan	06/30/2009
M-503B	Third Floor Sector B Piping Plan	06/30/2009
M-504AC	Roof Plan Sector A & C Piping Plan	06/30/2009
M-504B	Roof Plan Sector B Piping Plan	06/30/2009
M-800	Details Sheet 1	06/30/2009
M-801	Details Sheet 2	06/30/2009
M-802	Details Sheet 3	06/30/2009
M-803	Details Sheet 4	06/30/2009
M-804	Details Sheet 5	06/30/2009
M-805	Details Sheet 6	06/30/2009
M-806	Details Sheet 7	06/30/2009
M-807	Details Sheet 8	06/30/2009
M-808	Details Sheet 9	06/30/2009
M-809	Details Sheet 10	06/30/2009
M-810	Details Sheet 11	06/30/2009
M-811	Details Sheet 12	06/30/2009
R4.01AC	First Floor Sectors A & C Radon Mitigation	06/30/2009
R4.01B	First Floor Sector B Radon Mitigation	06/30/2009
R4.02AC	Second Floor Sectors A & C Radon Mitigation	06/30/2009
R4.02B	Second Floor Sector B Radon Mitigation	06/30/2009
R4.03AC	Third Floor Sectors A & C Radon Mitigation	06/30/2009
R4.03B	Third Floor Sector B Radon Mitigation	06/30/2009
R4.04AC	Roof Plan Sectors A & C Radon Mitigation	06/30/2009
E-100	General Notes & Abbreviations	06/30/2009
E-101	Symbol List	06/30/2009
E-102A	Lighting Fixture Schedule	06/30/2009
E-102B	Lighting Fixture Schedule	06/30/2009
E-200	Electrical Site Plan	06/30/2009
E-210	One Line Diagram	06/30/2009
E-301	First Floor Orientation Power Plan	06/30/2009
E-301AC	First Floor Sector A & C Power Plan	06/30/2009
E-301B	First Floor Sector B Power Plan	06/30/2009
E-302	Second Floor Orientation Power Plan	06/30/2009
E-302AC	Second Floor Sector A & C Power Plan	06/30/2009
E-302B	Second Floor Sector B Power Plan	06/30/2009
E-302D	Second/First Floor/Section B/Power Part Plans	06/30/2009
E-303	Third Floor Orientation Power Plan	06/30/2009
E-303AC	Third Floor Sector A & C Power Plan	06/30/2009
E-303B	Third Floor Sector B Power Plan	06/30/2009
E-304AC	Roof Sector A & C Power Plan	06/30/2009
E-305	Kitchen Power Plan	06/30/2009
E-401AC	First Floor Sector A & C Lighting Plan	06/30/2009
E-401B	First Floor Sector B Lighting Plan	06/30/2009

SCHEDULE OF CONTRACT DOCUMENTS & DRAWING LIST

Number	Title	Date
E-402AC	Second Floor Sector A & C Lighting Plan	06/30/2009
E-402B	Second Floor Sector B Lighting Plan	06/30/2009
E-403AC	Third Floor Sector A & C Lighting Plan	06/30/2009
E-501AC	First Floor Sector A & C Systems Plan	06/30/2009
E-501B	First Floor Sector B Systems Plan	06/30/2009
E-502AC	Second Floor Sector A & C Systems Plan	06/30/2009
E-502B	Second Floor Sector B Systems Plan	06/30/2009
E-503AC	Third Floor Sector A & C Systems Plan	06/30/2009
E-600	Power Riser	06/30/2009
E-601A	Fire Alarm System Riser Diagram - Sheet 1	06/30/2009
E-601B	Fire Alarm System Riser Diagram - Sheet 2	06/30/2009
E-700	Lighting Panel Schedules - Sheet 1	06/30/2009
E-701	Lighting Panel Schedules - Sheet 2	06/30/2009
E-702	Panel Schedules	06/30/2009
E-703	Panel Schedules	06/30/2009
E-704	Panel Schedules	06/30/2009
E-705	Panel Schedules	06/30/2009
E-706	Mechanical Panel Schedules - Sheet 1	06/30/2009
E-707	Mechanical Panel Schedules - Sheet 2	06/30/2009
E-708	Mechanical Panel Schedules - Sheet 3	06/30/2009
E-800	Typical Details - Sheet 1	06/30/2009
E-801	Typical Details - Sheet 2	06/30/2009
E-802	Typical Details - Sheet 3	06/30/2009
E-803	Typical Details - Sheet 4	06/30/2009
E-804	Typical Details - Sheet 5	06/30/2009
E-805	Lighting Relay Control Panel Schedules	06/30/2009
E-806	Lighting Control Relay Panel Riser Diagram	06/30/2009
E-807	Cafetorium Dimming System Block Diagram	06/30/2009
P-100	Abbreviations & Symbol List and General Notes	06/30/2009
P-101	Equipment and Fixture Schedule	06/30/2009
P-200	Site Plan	06/30/2009
P-301AC	First Floor Plan - Sector A & C	06/30/2009
P-301B	First Floor Plan - Sector B	06/30/2009
P-302AC	Second Floor Plan - Sector A & C	06/30/2009
P-302B	Second Floor Plan - Sector B	06/30/2009
P-303AC	Third Floor Plan - Sector A & C	06/30/2009
P-303B	Roof Plan - Sector B	06/30/2009
P-304AC	Roof Plan - Sector A & C	06/30/2009
P-305	First Floor Part Plans	06/30/2009
P-306	Second Floor Part Plans	06/30/2009
P-307	Third Floor Part Plans	06/30/2009
P-308	Kitchen Part Plan	06/30/2009
P-600	Riser Diagram Sheet 1	06/30/2009
P-601	Riser Diagram Sheet 2	06/30/2009

SCHEDULE OF CONTRACT DOCUMENTS & DRAWING LIST

Number	Title	Date
P-602	Riser Diagram Sheet 3	06/30/2009
P-800	Details - Sheet 1	06/30/2009
P-801	Details - Sheet 2	06/30/2009
F-100	Abbreviations & Symbol List and General Notes	06/30/2009
F-200	Site Plan	06/30/2009
F-301AC	First Floor Plan - Sector A & C	06/30/2009
F-301B	First Floor Plan - Sector B	06/30/2009
F-302AC	Second Floor Plan - Sector A & C	06/30/2009
F-302B	Second Floor Plan - Sector B	06/30/2009
F-303AC	Third Floor Plan - Sector A & C	06/30/2009
F-600	Riser Diagram, Equipment Schedule and Part Plan	06/30/2009
F-800	Details - Sheet 1	06/30/2009
F-801	Details - Sheet 2	06/30/2009
F-802	Details - Sheet 3	06/30/2009
IT-0.01	Telecommunications Symbol List	06/30/2009
IT-0.01A	Telecommunications Title Sheet	06/30/2009
IT-2.00	Telecommunications Key Plan	06/30/2009
IT-2.10AC	Telecommunications First Floor Plan - Sector A & C	06/30/2009
IT-2.10B	Telecommunications First Floor Plan Sector B	06/30/2009
IT-2.11AC	Telecommunications Second Floor Plan - Sector A & C	06/30/2009
IT-2.11B	Telecommunications Second Floor Plan - Sector B	06/30/2009
IT-2.12AC	Telecommunications Third Floor Plan - Sector A & C	06/30/2009
IT-201	Telecommunications Wall Field Elevations	06/30/2009
IT-202	Telecommunications MDF/IDF Layout	06/30/2009
IT-301	Telecommunications Riser Diagram	06/30/2009
IT-401	Telecommunications Cabinet Elevations	06/30/2009
IT-501	Telecommunications Station Outlet Details	06/30/2009
IT-501A	Telecommunications Cable Tray Details and Master Label Scheme	06/30/2009
IT-502	Telecommunications Station Outlet Back Box Details	06/30/2009
IT-504	Telecommunications Conduit Penetration, Firestop, Grounding and Bonding System	06/30/2009
IT-603	Telecommunications CATV Schematic	06/30/2009
SC-0.01	Security Systems Symbol List	06/30/2009
SC-2.10AC	Security Systems First Floor Plan - Sector A & C	06/30/2009
SC-2.10B	Security Systems First Floor Plan - Sector B	06/30/2009
SC-2.11AC	Security Systems Second Floor Plan - Sector A & C	06/30/2009
SC-2.11B	Security Systems Second Floor Plan - Sector B	06/30/2009
SC-2.12AC	Security Systems Third Floor Plan - Sector A & C	06/30/2009
SC-2.12B	Security Systems Overall Roof Plan	06/30/2009
SC-3.01	Security Systems Riser Diagram	06/30/2009
SC-4.01	Security Systems Door Details Sheet #1	06/30/2009
SC-4.02	Security Systems Door Details Sheet #2	06/30/2009
SC-4.03	Security Systems Equipment Details	06/30/2009
AV-301	Audio Visual Administrative System Type D2 Flow Diagram	06/30/2009
AV-302	Audio Visual Administrative System Type D3 Flow Diagram	06/30/2009
AV-303A	Audio Visual General Classroom Type E4 Flow Diagram	06/30/2009

SCHEDULE OF CONTRACT DOCUMENTS & DRAWING LIST

Number	Title	Date
AV-303B	Audio Visual General Classroom Type E4 Flow Diagram	06/30/2009
AV-305	Audio Visual Music Room Flow Diagram	06/30/2009
AV-306	Audio Visual Gymnasium Flow Diagram	06/30/2009
AV-307	Audio Visual Media Center Gymnasium Flow Diagram	06/30/2009
AV-308	Audio Visual Cafeteria Gymnasium Flow Diagram	06/30/2009
AV-401	Audio Visual Separation of Work Between Trades	06/30/2009
AV-402	Audio Visual Low Voltage Wiring Schedule	06/30/2009
AV-403	Audio Visual Installation Details	06/30/2009

ADDENDUM No. 1

NUMBER	TITLE	DATE	# OF PAGES
NTB	NOTICE TO BIDDERS	08/26/2009	4
PP	Price Proposal Form (revised to recognize Addendum 01)	08/26/2009	7
DL	Schedule of Contract Documents & Drawing List (revised)	08/26/2009	14
PBMM	Pre-Bid Meeting Minutes	08/26/2009	10
PBAH	Pre-Bid Agenda/Handout	08/19/2009	45
GC	NJSDA General Conditions	07/16/2009	102

ADDENDUM No. 2

NUMBER	TITLE	DATE	# OF PAGES
NTB	NOTICE TO BIDDERS	09/03/2009	3
PP	Price Proposal Form (revised to recognize Addendum 02)	09/03/2009	7
DL	Schedule of Contract Documents & Drawing List (revised)	09/03/2009	14
RFI's	RFI #001 – RFI #004 with responses	09/03/2009	24
AVSSM	AV System Scope Modifications	09/01/2009	3

SDA

NJ SCHOOLS DEVELOPMENT AUTHORITY
BUILDING 21ST CENTURY SCHOOLS FOR 21ST CENTURY LEADERS

New Jersey Schools Development Authority
REQUEST FOR INFORMATION (RFI)

NJSDA 655

Date:	<u>08/31/09</u>	Contract No.:	<u>NT-0019-C02-RB1</u>
Package No:	<u>NT-0019</u>	Package Name:	<u>New Elementary School @ Henry Street</u>
PMF:	<u>Skanska USA Building Inc.</u>	PMF PM:	<u>Timothy Wm. Herzog</u>
RFI No.:	<u>001</u>	Contractor's RFI No.:	<u>1</u>
To:	<u>RMJM Hillier</u>	Re.:	<u>Material Substitution</u>
Drawing Reference:	<u></u>	Detail Reference:	<u></u>
Spec Reference:	<u></u>	Trade Contractor:	<u>Prosoco, Inc.</u>

Information Required & Proposed Solution:

1. With regards to use of Consolideck products as a substitution on the Henry Street School project. Please advise.
Note: See attached product documentation received.

Attachments: Yes No Potential Impact to: Schedule: _____ Days: Cost: \$ _____ Approx.

Firm: _____
Firm Name Signed

_____ _____
Date Date Required Printed

Response:

Please refer to response received from RMJM Hillier attached, dated September 3, 2009.

Firm: _____
Firm Name Signed

_____ _____
Date Printed

This is not an authorization to proceed with work involving additional cost or time. Provide written notification in response to the RFI prior to proceeding with work, if any response causes a change to the contract scope of work.

Please fax your questions to: Lesley Johnson @ 1(866) 868-1699



September 3, 2009

Reference: NJSDA Project No. NT-0019-C02-RB1
NJDOE Project No. 3970-S01-01-0760
New Elementary School at Henry Street
Passaic School District

Subject: RFI Response: **Consolideck CD_LSCS_PDS_082509_C**

The proper procedure for Substitution Requests should come through the General Contractors.

This substitution request does not clearly identify the specific application of the substitution, hence not allowing for a rational evaluation. The request does not comply with Section 5.13 of the General Requirements.

The product will be reconsidered upon fulfilling these requirements.

Thank you.

O'Lanre Smith, RIBA
Associate, RMJM

From: [Jack Sykes](#)
To: [Herzog, Tim;](#)
cc: [John Bourne; Alex Somohano;](#)
Subject: Henry St Elementary School (PASSAIC SD) REBID NT0019C02RB1 - Sub request
Date: Friday, August 28, 2009 1:15:13 PM
Attachments: [CD LSCS PDS 082509 C.pdf](#)
[CD LSCS LEED Information 081809 C.pdf](#)
[CD LSCS SCS Certification 2009 C.PDF](#)
[CD LSCS SPC 040809 C.pdf](#)

Tim: We respectfully submit the following material for approval on the above referenced project.

Attached you will find product information and guide specifications. Should the attached meet with your approval, please sign and return the attached copy of the substitution request, and include in the upcoming addendum, if applicable. We would appreciate your consideration of Consolideck products in your future specifications.

Thank you for your consideration of Prosoco products and systems.

Please advise,

Jack Sykes, CSI, CCPR

Architectural Sales Specialist

PROSOCO, Inc.

3741 Greenway Circle

Lawrence, KS 66046

Direct Dial Ph: (785) 830-7353, EFax: (888) 434-7079

Mobile: (913) 522-0047

Email: jack.sykes@prosoco.com

www.prosoco.com

CONFIDENTIALITY NOTICE: The information transmitted in this email and any attachments are intended only for the person or entity to which it is addressed and may contain confidential and/or privileged information. Any review, retransmission, dissemination or other use of or taking of any action in reliance upon this information by persons or entities other than the intended recipient is prohibited. If the reader of this message is not the intended recipient, or an employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, disclosure, distribution or copying of this communication is strictly prohibited. You may not copy, publish or use them in any way and you should notify PROSOCO, Inc. immediately by replying to this message and deleting it from your system.



PROSOCO
SINCE 1939

Corporate Office
3741 Greenway Circle
Lawrence, KS 66046
800.255.4255
785.865.4200
fax 785.830.9016

auto attendant
800.491.0721

customer care fax
800.877.2700

email
prosoco@prosoco.com

Consolideck® LS/CS LEED Product Information

Consolideck® LS/CS is a water-carried, surface applied hardener and densifier for concrete and decorative concrete substrates.

LEED Credit Contributing Categories: The Consolideck® floor hardening and decorative polishing system contributes to a number of LEED categories. See the attached *Consolideck LEED Guide* for additional information.

LEED EQ Credit Conformance

LEED NC 2.2 EQ Credit 4.2: The New Construction & Major Renovation Reference Guide Low-Emitting Materials section incorporates by reference the South Coast Air Quality Management District (SCAQMD) Rule 1113 in effect on January 1, 2004. Consolideck LS/CS is classified as a Waterproofing Concrete/Masonry Sealer (current limit 100 g/L; 2004 limit 400 g/L).

PROSOCO certifies that Consolideck® LS/CS has a VOC content of 20 g/L and complies with Rule 1113.

LEED for Schools EQ Credit 4: Low-Emitting Materials: Option 2 references testing and product requirements of the California Department of Health Services *Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers*.

PROSOCO certifies that Consolideck® LS/CS has successfully passed the referenced test method. Further, conformance has been verified through a third-party certifier, Scientific Certification Systems and is certified as an Indoor Advantage Gold product (Registration number: SCS-IAQ-01605).



Manufacturing Location

Lawrence, Kansas

Recycled Content

Consolideck LS/CS is manufactured with no post-consumer materials content.

Date of Generation: August 18, 2009

Certification by: Dwayne Fuhlhage, CHMM
Regulatory Affairs Director



"LEED" is a trademark of the U.S. Green Building Council



PROSOCO is a proud member and supporter of NPCA's Coatings Care product stewardship initiative.

03 30 00 Cast-In-Place Concrete

03 35 00 Concrete Finishing

09 60 00 Flooring

09 61 00 Flooring Treatments

CONSOLIDECK®
 HIGH PERFORMANCE CONCRETE

LS/CS®

economical lithium-silicate sealer, hardener & densifier for concrete



SCIENTIFIC CERTIFICATION SYSTEMS
 SCS-IAQ-01605

OVERVIEW

Consolideck® LS/CS® is a patented formulation that provides a safe, economical alternative to conventional sodium or potassium silicate surface hardeners. This penetrating lithium silicate treatment reacts with concrete to produce insoluble calcium silicate hydrate within the concrete pores.

Unlike conventional hardeners which deposit high concentrations of sodium or potassium salts, Consolideck® LS/CS® contains lithium. LS/CS® will not trigger or contribute to surface ASR (Alkali Silicate Reaction).

SPECIFICATIONS

For all PROSOCO product specifications visit www.prosoco.com and click on "SpecBuilder" or "Solution Finder."

ADVANTAGES

- Easy, one step application. No scrubbing. No flushing. No caustic wastewater.
- Patented formulation penetrates and reacts quickly to produce better initial hardness.
- Provides excellent abrasion resistance
- Tested and conforms to California Collaborative for High Performance School Indoor Air Quality standards. Use can contribute to LEED® for Schools points (EQ Credit 4).

- Produces a fast surface gloss which improves with traffic and maintenance.
- Improves performance, appearance and light reflectance of new or old concrete.
- Reduces application time and cost of burnishing and diamond polishing operations.
- Will not contribute to surface crazing. High lithium content combats surface ASR.
- Lithium will not absorb water or contribute to floor sweating.
- Gloss and hardness do not reduce slip resistance.
- Breathable and UV stable. Will not yellow, discolor, peel or flake.
- VOC compliant. Non-flammable. Non-toxic. Low odor.
- Cures quickly. Most floors can be opened to traffic within one hour of treatment.
- Treated surfaces are easy to maintain and require no waxing.
- Compatible with Consolideck® GemTone ColorCoats and SafetyColors.

REGULATORY COMPLIANCE

VOC Compliance

Consolideck® LS/CS® is compliant with the following national, state and district AIM VOC regulations

- US Environmental Protection Agency
- California Air Resources Board SCM Districts
- South Coast Air Quality Management District
- Maricopa County, AZ
- Northeast Ozone Transport Commission

TYPICAL TECHNICAL DATA

FORM	clear, water-like liquid
SPECIFIC GRAVITY	1.05
pH	11.0
WT/GAL	8.6 lbs
ACTIVE CONTENT	6%
TOTAL SOLIDS	6%
VOC CONTENT	< 20 g/L
FLASH POINT	NA
FREEZE POINT	32°F (0°C)
SHELF LIFE	2 years in unopened, factory-sealed container

LS/CS®

PREPARATION

Protect people, vehicles, property, plants and all surfaces not designated to receive LS/CS® from the product, splash and wind drift. Use polyethylene or other proven protective material.

Do not apply to surfaces which are frozen, dirty or have standing water. Surfaces must be clean, dry and absorbent. Confirm surface absorbency with a light water spray — surfaces designated for treatment should wet uniformly. If the surface does not wet uniformly, use the appropriate Consolideck® surface prep cleaner or mechanical process to remove remaining surface contaminants.

New Concrete

Consolideck® LS/CS® may be applied to freshly placed concrete after final finishing and installation of the control joints. Remove soft cut saw debris before applying Consolideck® LS/CS®.

Existing Concrete

Though Consolideck® LS/CS® may be applied to existing, cured concrete of any age, Consolideck® LS® may be a better choice. Contact your PROSOCO representative or PROSOCO Customer Care (1-800-255-4255) for recommendations.

Surfaces must be clean and structurally sound. Remove all foreign materials including bond breakers, curing agents, surface grease and oil, and construction debris using the appropriate Consolideck® surface prep cleaner listed below:

Consolideck® SafStrip

- cure & seals;
- paint and high strength coatings

Consolideck® SafEtch®*

- concrete laitance
- construction soiling

*Not for use on concrete previously treated with Consolideck® LS®, LS/CS® or LSGuard®.

Consolideck® Wax & Cure Remover

- waxes, sealers & coatings
- low-solids cure & seals

Consolideck® Cure & Seal Remover

- high-solids cure & seals

Consolideck® Concrete Floor Restorer

- general soiling and light wax coatings
- rust and other metallic staining

Consolideck® Cleaner/Degreaser

- general soiling
- grease and oil

Consolideck® Oil & Grease Stain Remover

- deep-seated oil & grease staining

Follow the appropriate cleaner with thorough water rinsing. If a d-limonene based cleaner/stripper is used, clean treated surfaces with Consolideck® Cleaner/Degreaser and rinse thoroughly.

Acid-stained concrete must be thoroughly neutralized and rinsed prior to application.

Application may begin as soon as prepared surfaces are dry and free of ponded water.

Surface & Air Temperatures

Temperatures for application should be 40-100°F (4-38°C).

Equipment

Apply with low pressure sprayer, mop or a soft-bristled push broom.

Storage & Handling

Store in a cool, dry place. Always seal container after dispensing. Do not alter or mix with other chemicals. Published shelf life assumes upright storage of factory-sealed containers in a dry place. Maintain temperatures of 40-100°F (4-38°C). Keep from freezing. Do not double stack pallets. Dispose of in accordance with local, state and federal regulations.

APPLICATION

Before application, read "Preparation" and "Safety Information." ALWAYS TEST using equipment and procedures selected for general application. Follow the application instructions to pre-test each slab. Pre-testing will confirm suitability of surface preparation and application procedures proposed for general application. Pre-testing will also determine the average coverage rates to be maintained over the entire project. Let surfaces dry thoroughly before inspection and approval.

ALWAYS TEST

ALWAYS TEST a small area of each surface to confirm suitability and desired results before starting overall application. Test with the same equipment, recommended surface preparation and application procedures planned for general application.

Dilution

Do not dilute or alter. Apply as packaged.

Coverage Rates

Variations in concrete quality, porosity, job site conditions, temperature and relative humidity will affect coverage rates and drying times. Calculate the Target Coverage Rate by testing a representative section of the prepared surface using the following instructions.

Estimated Coverage Rates

The following coverage rates are offered for estimating only. See below for instructions on calculating project-specific target coverage rates.

Freshly Placed, Uncured, Steel Troweled Concrete

- 500–800 sq.ft. (46–74 sq.m.) per US gal

Cured, Steel Troweled Concrete

- 400–700 sq.ft. (37–65 sq.m.) per US gal

Cured, Ground/Honed Concrete

- 400–600 sq.ft. (37–56 sq.m.) per US gal

Calculating Project-Specific Target Coverage Rate

1. Prepare the test section in accordance with "Preparation" information above. Surfaces must be clean, dry and absorbent. Confirm surface absorbency with a light water spray — surfaces designated for treatment should wet uniformly.
2. Add 1-gallon of LS/CS® to a clean, pump-up sprayer fitted with a 0.5 gpm spray tip. Lightly apply according to Application Instructions steps #1-4 for the appropriate floor type. Repeat as necessary to determine correct rate of application.
3. Measure the test area to establish the Target Coverage Rate per gallon.

LS/CS®

Application Instructions

Freshly Placed, Uncured Steel Troweled Concrete

1. After final finishing, soft cut control joints.
2. Clean concrete of any dirt, residue or soft cut saw debris.
3. Using a low pressure sprayer fitted with a 0.5 gpm spray tip, apply a single coat of LS/CS®. Apply sufficient material to wet the surface without producing puddles. Use a clean, soft-bristle push broom or microfiber pad to spread product evenly and ensure uniform wetting. Avoid spreading once drying begins. Scrubbing is not necessary. If surfaces dry immediately, apply more product. Surface should remain wet for 5-10 minutes. Adjust rate of application to eliminate puddles.

NOTE: Allowing excess material to puddle on the floor will extend dry times and create white residues which must be removed immediately. Call the Consolideck® Hotline at 866-363-4567 for removal instructions.

4. Allow treated surfaces to dry.
5. Immediately apply the specified curing compound or initiate the specified curing procedure.
6. When the curing process is complete, use an automatic floor scrubber equipped with cleaning pads or brushes appropriate for removal of accumulated construction soiling and surface residues. Avoid pads or brushes which may damage the finished floor. This procedure will further enhance the surface sheen produced by Consolideck® LS/CS®.

For additional shine and protection, apply Consolideck® LSGuard® according to label instructions.

Application Instructions

Cured, Steel Troweled Concrete

1. Remove all dirt, debris, or curing compounds using the appropriate Consolideck® surface preparation cleaner listed above. Allow cleaning waters used in surface preparation to dry.
2. The prepared surface must wet uniformly. Confirm surface absorbency with a light water spray. In hot, dry weather, pre-wet the concrete with fresh water. Allow any standing water to evaporate.

3. Apply a single coat of LS/CS® using a low pressure sprayer fitted with a 0.5 gpm spray tip. Apply sufficient material to wet the surface without producing puddles. Use a clean, soft-bristle push broom or microfiber pad to spread product evenly and ensure uniform wetting. Avoid spreading once drying begins. Scrubbing is not necessary. If surfaces dry immediately, apply more product. Surface should remain wet for 5-10 minutes. Adjust rate of application to eliminate puddles.

NOTE: Allowing excess material to puddle on the floor will extend dry times and create white residues which must be removed immediately. Call the Consolideck® Hotline at 866-363-4567 for removal instructions.

4. Allow treated surfaces to dry.
5. Remove any dried powder residue using stiff broom, power sweeper or floor scrubbing machine.
6. For immediate, enhanced shine, buff or burnish the dry concrete surface in both directions using an orbital floor machine or burnisher equipped with an appropriate polishing pad. This is a dry buffing operation.

For additional shine and protection, apply Consolideck® LSGuard® according to label instructions.

Application Instructions

Cured, Ground/Honed Concrete

1. Sand, level or grind the concrete surface with a floor sander, orbital floor machine or diamond grinding machine as needed to achieve the desired exposure.
2. Remove all sanding dust and debris using a floor scrubbing machine and fresh water. Remove any remaining surface contaminants using the appropriate Consolideck® surface prep cleaner. Allow wet surfaces to dry.
3. Apply a single coat of LS/CS® using a low pressure sprayer fitted with a 0.5 gpm spray tip. Apply sufficient material to wet the surface without producing puddles. Use a clean, soft-bristle push broom or microfiber pad to spread product evenly and ensure uniform wetting. Avoid spreading once drying begins. Scrubbing

BEST PRACTICES

Remove all loose construction debris and foreign materials from surfaces to be treated using a dry broom. Remove all curing compounds, coatings, paint, wax, embedded soiling, rust, grease and oil using the appropriate Consolideck® surface preparation cleaner.

Surfaces to be treated must be clean, dry and absorbent. Confirm surface absorbency with a light water spray. If surfaces designated for treatment do not wet uniformly, use the appropriate Consolideck® surface prep cleaner or mechanical process to remove remaining surface contaminants.

Spray applicators equipped with 0.5 gpm (gallon per minute) fan spray tip have proven effective for application of this product.

If the desired surface finish requires mechanical removal of the top layer of cement paste, best results are achieved by sanding or grinding the cured concrete surface to achieve a 50-200 grit finish before applying Consolideck® LS/CS®. The increased surface density which Consolideck® LS/CS® provides will make further sanding, grinding or diamond polishing proceed faster.

Consolideck® LS/CS® is suitable for use with wet or dry grinding and polishing procedures.

Wastewater generated by wet grinding or polishing procedures should be collected and disposed of properly.

Maintain Consolideck® hardened floors with Consolideck® LSKlean Super Concentrate — a daily maintenance cleaner developed to further enhance the long-term performance of finished concrete floors.

LS/CS®

is not necessary. If surfaces dry immediately, apply more product. Surface should remain wet for 5-10 minutes. Adjust rate of application to eliminate puddles.

NOTE: Allowing excess material to puddle on the floor will extend dry times and create white residues which must be removed immediately. Call the Consolideck® Hotline at 866-363-4567 for removal instructions.

4. Allow treated surfaces to dry.
5. Remove any dried powder residue using stiff broom, power sweeper or floor-scrubbing machine.
6. If additional surface sheen is desired, buff or burnish the concrete surface in both directions with an orbital floor machine or burnisher equipped with an appropriate polishing pad. This is a dry buffing operation.

For additional shine and protection, apply Consolideck® LSGuard® according to label instructions.

Application Instructions

Cured and Polished Concrete

Follow steps 1-5 listed above for Honed Concrete. Use progressively finer abrasives, continue diamond polishing in consecutive steps to achieve the desired finish. Remove all polishing dust and debris.

For additional shine and protection, apply Consolideck® LSGuard® according to label instructions.

Cleanup

Before product dries, clean tools and equipment with fresh water. Immediately wash off over spray from glass, aluminum, polished or other surfaces with fresh water.

Final Results

The floor is ready to use when dry. Smooth and hardened concrete surfaces will exhibit reduced water absorption and increased surface sheen upon drying. Maximum water resistance will develop over 7 days. Surface sheen and hardness will increase with time and maintenance.

Maintenance

Remove surface dust and debris daily using a micro fiber pad or dry dust mop. Dry buff with a high-speed burnisher to refresh gloss.

Regular maintenance cleaning will improve surface shine. Maintain the floor with Consolideck® LSKlean Super Concentrate.

Do not use acidic cleaners. Though Consolideck® LS/CS® will improve the resistance of concrete surfaces to staining, some acid concentrates and acidic foods may etch the floor and leave a residual stain. Clean up such spills quickly to minimize any potential for damage.

Though protective treatments simplify maintenance of concrete floors, all spills must be cleaned up in a timely manner.

For improved resistance to water or oily stains, apply Consolideck® SLX100® Water & Oil Repellent according to label instructions. Apply SLX100® directly to the hardened concrete surface. Do not apply SLX100® over Consolideck® LSGuard®.

If additional protective treatments or surface coatings are desired, consult Customer Care for recommendations by calling 1-800-255-4255.

SAFETY INFORMATION

Consolideck® LS/CS® is a water carried product. Use appropriate safety and job site controls during application and handling. Read the full label for precautionary instructions before use.

First Aid

Ingestion: Drink large quantities of water or milk. DO NOT induce vomiting. Seek medical attention immediately. **Eye Contact:** Remove contact lenses. Immediately flush eyes for 15 minutes in clear running water while holding eyelids open. Seek medical attention immediately. **Skin Contact:** Wash contacted area with soap and water. DO NOT attempt to neutralize with chemical agents. If irritation persists, seek medical attention. **Inhalation:** Remove affected person to fresh air. Wash mouth and nasal passages with water repeatedly. If breathing difficulties persist, seek medical attention.

24-Hour Emergency Information: INFOTRAC at 800-535-5053

WARRANTY

The information and recommendations made are based on our own research and the research of others, and are believed to be accurate. However, no guarantee of their accuracy is made because we cannot cover every possible application of our products, nor anticipate every variation encountered in masonry surfaces, job conditions and methods used. The purchasers shall make their own tests to determine the suitability of such products for a particular purpose.

PROSOCO, Inc. warrants this product to be free from defects. **Where permitted by law, PROSOCO makes no other warranties with respect to this product, express or implied, including without limitation the implied warranties of merchantability or fitness for particular purpose.** The purchaser shall be responsible to make his own tests to determine the suitability of this product for his particular purpose. PROSOCO's liability shall be limited in all events to supplying sufficient product to re-treat the specific areas to which defective product has been applied. Acceptance and use of this product absolves PROSOCO from any other liability, from whatever source, including liability for incidental, consequential or resultant damages whether due to breach of warranty, negligence or strict liability. This warranty may not be modified or extended by representatives of PROSOCO, its distributors or dealers.

CUSTOMER CARE

Factory personnel are available for product, environment and job-safety assistance with no obligation. Call 800-255-4255 and ask for Customer Care - technical support.

Factory-trained representatives are established in principal cities throughout the continental United States. Call Customer Care at 800-255-4255, or visit our web site at www.prosoco.com, for the name of the Consolideck® representative in your area.

Certificate of Achievement

Scientific Certification Systems (SCS) does hereby certify that an independent evaluation has been conducted on behalf of:

Prosoco, Inc.

Lawrence, KS, USA

for the following product(s):

Concrete Finish: Consolideck LS/CS

This product(s) meets all of the necessary qualifications to be certified for the following claim(s):

**SCS Indoor Advantage™ Gold
Indoor Air Quality Certified**

Conforms to the Collaborative for High Performance Schools (CHPS)- CA Section 01350 specifications



SCS Certificate Registration Number: SCS-IAQ-01605

Robert J. Hrubes

Robert J. Hrubes, Senior Vice President

1/1/2009 to 12/31/2009

Certification Period

SCS CERTIFICATION ADDENDUM FOR INDOOR AIR QUALITY

Company:

PROSOCO, INC.

Certificate Number: SCS-IAQ- 1605

Certified Product(s):

CONSOLIDECK LS/CS

Product Model Descriptions:	Item #46069
Certificate Type:	Indoor Advantage™ Gold
Standard Reference:	<ol style="list-style-type: none"> 1. Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers (CA/DHS/EHLB/R-174, 7/15/04) 2. Collaborative for High Performing School Section 01350, Special Environmental Requirements (12/12/02) 3. Collaborative for Higher Performing Schools, Best Practices Manual, Volume III: Criteria (2009 Draft Edition) 4. South Coast Air Quality Management District, Rule 1113 (July 2007 ammendment)
Model Type:	Standard Office Building, Classroom

Model Parameters

Maximum Allowable VOC Emission Concentration for Build Materials

Compound	CA-01350	CHPS (2009 Draft Edition, Vol. III: Criteria)
	STANDARD OFFICE BUILDING/CLASSROOM	CLASSROOM
	TVOC	N/A
FORMALDEHYDE	$\leq 16.5 \text{ ug/m}^3$	$\leq 16.5 \text{ ug/m}^3$
TOTAL ALDEHYDE	N/A	N/A
4-PHENYLCYCLOHEXANE	N/A	N/A
ACETALDEHYDE	$\leq 9.0 \text{ ug/m}^3$	$\leq 9.0 \text{ ug/m}^3$
Individual VOCS	$1/2 \text{ CREL ug/m}^3$	$1/2 \text{ CREL ug/m}^3$
VOC CONTENT (Waterproofing Concrete/Masonry Sealer)	N/A	$\leq 100 \text{ grams/Liter}$

SCS CERTIFICATION ADDENDUM FOR INDOOR AIR QUALITY

CA/DHS/EHLB/R-174, 7/15/04: CA 01350, Classroom

Parameter	Unit of Measure	Parameter Value
Office Dimensions & Area		
Room Volume	m3	231
Ventilation Rate	m3/hr	15.0
Total Floor Area	m2	89.2

CA/DHS/EHLB/R-174, 7/15/04: CA 01350, Open Panel Office Furniture/Standard Office Building

Parameter	Unit of Measure	Parameter Value
Office Dimensions & Area		
Room Volume	m3	30.6
Ventilation Rate	m3/hr	20.7
Total Floor Area	m2	11.1

Consolideck® LS/CS® Concrete Sealer & Densifier Specification

Specifier Note: The information provided below is intended to guide the Architect in developing specifications for products manufactured by PROSOCO, Inc. and should not be viewed as a complete source of information about the product(s). The Architect should always refer to the Product Data Sheet and MSDS for additional recommendations and for safety information.

Specifier Note: Paragraph below is for PART 1 GENERAL, Quality Assurance.

Test Area

Test a representative area of no less than 10 ft. by 10 ft. (and no more than 10% of the total floor area) to confirm surface preparation procedures, coverage rate, reaction time, finished appearance, etc. Use the manufacturers' application instructions. Let test area dry thoroughly before inspection. Get owner's approval before proceeding. Keep test area available for comparison throughout the project.

Specifier Note: Paragraphs below are for PART 2 PRODUCTS, Manufacturers and Products.

Manufacturer: PROSOCO, Inc., 3741 Greenway Circle, Lawrence, KS 66046. Phone: (800) 255-4255; Fax: (785) 830-9797. E-mail: CustomerCare@prosoco.com

Product Description

Consolideck® LS/CS® is a patented formulation that provides a safe, economical alternative to conventional sodium- or potassium-silicate surface hardeners. This penetrating lithium-silicate treatment penetrates and reacts with concrete to produce insoluble calcium silicate hydrate with the concrete pores.

Unlike conventional hardeners which deposit high concentrations of sodium or potassium salts, Consolideck® LS/CS® contains lithium – the only chemical element known to combat ASR (alkali silicate reaction).

Technical Data

FORM: Clear, water-like liquid

SPECIFIC GRAVITY: 1.05

pH: 11.0

WT/GAL: 8.6

ACTIVE CONTENT: 6%

TOTAL SOLIDS: 6%

VOC CONTENT: < 20 g/L. Complies with all known national, state and district AIM VOC regulations.

FLASH POINT: Not flammable

FREEZE POINT: 32°F (0°C)

SHELF LIFE: 2 years in unopened, factory-sealed container.

Consolideck® LS/CS® Concrete Sealer & Densifier Specification

Specifier Note: Paragraphs below are for PART 3 EXECUTION, Installation.

Preparation

Surfaces to be treated must be clean, dry and absorbent. Confirm surface absorbency with a light water spray. If surface does not wet uniformly, use the appropriate Consolideck® surface preparation cleaner or mechanical process to remove remaining surface contaminants. Read “Preparation” and “Safety Information” sections in the Manufacturer’s Product Data Sheet for Consolideck® LS/CS®. Refer to the Product Data Sheet for additional information about application of Consolideck® LS/CS®. Do not dilute or alter.

Application

Calculating Target Coverage Rate

Variations in concrete quality, porosity, job site conditions, temperature and relative humidity will affect coverage rates and drying times. Test a representative section of the prepared surface to calculate the Target Coverage Rate.

1. Surfaces to be treated must be clean, dry and absorbent. Confirm surface absorbency with a light water spray. If surface does not wet uniformly, use the appropriate Consolideck® surface preparation cleaner or mechanical process to remove remaining surface contaminants.
2. Pour one gallon of product into a clean pump up sprayer fitted with a 0.5 GPM spray tip. Lightly apply sufficient product to wet the surface without producing puddles.
3. Use a clean, soft bristle push broom or microfiber pad to spread the product and ensure uniform wetting. Scrubbing is not necessary.
4. If surfaces dry immediately, increase your rate of application. Surface should remain wet for 5–10 minutes. Adjust rate of application to eliminate puddles.
5. Repeat steps 2 through 4 as needed to determine the correct rate of application. Measure the test area to establish the Target Coverage Rate per gallon.

Consolideck® LS/CS® Concrete Sealer & Densifier SpecificationApplication Instructions: Freshly Placed, Uncured Steel-Troweled Concrete

1. After final finishing, soft cut control joints. Clean concrete of any dirt, residue or soft cut saw debris. Allow surface to dry.
2. Using a low pressure sprayer fitted with a 0.5 GPM tip, apply a single coat of Consolideck® LS/CS®. Lightly apply sufficient product to wet the surface without producing puddles.
3. Use a clean, soft bristle push broom or microfiber pad to spread the product evenly and ensure uniform wetting. Avoid spreading once drying begins. Scrubbing is not necessary.
4. If surfaces dry immediately, increase the rate of application. Surface should remain wet for 5–10 minutes. Adjust rate of application to eliminate puddles.
NOTE: Allowing excess material to puddle on the floor will extend dry times and create white residues which must be removed immediately.
5. Allow treated surfaces to dry.
6. Immediately apply the specified curing compound or initiate the specified curing procedure.
7. When the curing process is complete, use an automatic floor scrubber equipped with cleaning pads or brushes appropriate for removal of accumulated construction soiling and surface residues. Avoid pads or brushes which may damage the finished floor.

Cleanup: Before product dries, clean tools and equipment with fresh water. Immediately wash off overspray from glass, aluminum, polished or other surfaces with fresh water.

Consolideck® LS/CS® Concrete Sealer & Densifier SpecificationApplication Instructions: Cured, Steel Troweled Concrete

1. Remove all dirt, debris, or curing compounds using the appropriate Consolideck® surface prep cleaner. Allow cleaning waters used in surface preparation to dry.
2. The prepared surface must wet uniformly. Confirm surface absorbency with a light water spray. In hot, dry weather, pre-wet the concrete with fresh water. Allow any standing water to evaporate.
3. Apply a single coat using a low pressure sprayer fitted with a 0.5 GPM spray tip. Apply sufficient product to wet the surface without producing puddles. Use a clean, soft bristle push broom or microfiber pad to spread the product evenly and ensure uniform wetting. Avoid spreading once drying begins. Scrubbing is not necessary.
4. If surfaces dry immediately, increase the rate of application. Surface should remain wet for 5–10 minutes. Adjust rate of application to eliminate puddles.
NOTE: Allowing excess material to puddle on the floor will extend dry times and create white residues which must be removed immediately.
5. Allow treated surfaces to dry.
6. Remove any dried powder residue using a stiff broom, power sweeper or auto-scrubbing machine.
7. For immediate, enhanced shine, buff or burnish the dry concrete surface in both directions using an orbital floor machine or burnisher equipped with an appropriate polishing pad. This is a dry buffing operation.

Cleanup: Before product dries, clean tools and equipment with fresh water. Immediately wash off overspray from glass, aluminum, polished or other surfaces with fresh water.

Consolideck® LS/CS® Concrete Sealer & Densifier SpecificationApplication Instructions: Cured, Ground/Honed Concrete

1. Sand, level or grind the concrete surface with a floor sander, orbital floor machine or diamond grinding equipment as needed to achieve the desired exposure.
2. Remove all dust and debris using a floor-scrubbing machine and fresh water. If surface has remaining contaminants use the appropriate Consolideck® surface prep cleaner to remove any remaining surface contaminants which may compromise uniform wetting, penetration and performance of Consolideck® LS/CS®. Allow wet surfaces to dry.
3. Using a low pressure sprayer fitted with a 0.5 GPM spray tip, lightly apply sufficient product to wet the surface without producing puddles. Use a clean, soft bristle push broom or microfiber pad to spread the product evenly and ensure uniform wetting. Avoid spreading once drying begins. Scrubbing is not necessary.
4. If surfaces dry immediately, increase the rate of application. Surface should remain wet for 5–10 minutes. Adjust rate of application to minimize puddles.
NOTE: Allowing excess material to puddle on the floor will extend dry times and create white residues which must be removed immediately.
5. Allow treated surfaces to dry.
6. Remove any dried powder residue using a stiff broom, power sweeper or floor scrubbing machine.
7. If additional surface sheen is desired, buff or burnish the concrete surface in both directions with an orbital floor machine or burnisher equipped with an appropriate polishing pad. This is a dry buffing operation.

Cleanup: Before product dries, clean tools and equipment with fresh water. Immediately wash off overspray from glass, aluminum, polished or other surfaces with fresh water.

Consolideck® LS/CS® Concrete Sealer & Densifier SpecificationApplication Instructions: Cured and Polished Concrete

1. Sand, level or grind the concrete surface with a floor sander, orbital floor machine or diamond grinding equipment as needed to achieve the desired exposure.
2. Remove all dust and debris using a floor-scrubbing machine and fresh water. If surface has remaining contaminants use the appropriate Consolideck® surface prep cleaner to remove any remaining surface contaminants which may compromise uniform wetting, penetration and performance of Consolideck® LS/CS®. Allow wet surfaces to dry.
3. Using a low pressure sprayer fitted with a 0.5 GPM spray tip, lightly apply sufficient product to wet the surface without producing puddles. Use a clean, soft bristle push broom or microfiber pad to spread the product evenly and ensure uniform wetting. Avoid spreading once drying begins. Scrubbing is not necessary.
4. If surfaces dry immediately, increase the rate of application. Surface should remain wet for 5–10 minutes. Adjust rate of application to minimize puddles.
NOTE: Allowing excess material to puddle on the floor will extend dry times and create white residues which must be removed immediately.
5. Allow treated surfaces to dry.
6. Remove any dried powder residue using a stiff broom, power sweeper or floor scrubbing machine.
7. Using progressively finer abrasive diamonds, continue polishing in consecutive levels to achieve the desired finish. Remove all polishing dust and debris using an auto-scrubbing machine.

NOTE: For additional shine and protection, apply Consolideck® LS Guard® according to label instructions.

Cleanup: Before product dries, clean tools and equipment with fresh water. Immediately wash off overspray from glass, aluminum, polished or other surfaces with fresh water.

SDA

NJ SCHOOLS DEVELOPMENT AUTHORITY
BUILDING 21ST CENTURY SCHOOLS FOR 21ST CENTURY LEADERS

New Jersey Schools Development Authority
REQUEST FOR INFORMATION (RFI)

NJSDA 655

Date:	<u>08/31/09</u>	Contract No.:	<u>NT-0019-C02-RB1</u>
			<u>New Elementary School @</u>
Package No:	<u>NT-0019</u>	Package Name:	<u>Henry Street</u>
PMF:	<u>Skanska USA Building Inc.</u>	PMF PM:	<u>Timothy Wm. Herzog</u>
RFI No.:	<u>002</u>	Contractor's RFI No.:	<u>1</u>
To:	<u>RMJM Hillier</u>	Re.:	<u>Mold</u>
Drawing Reference:	<u>AR101</u>	Detail Reference:	<u>Drawing AR101</u>
Spec Reference:	<u></u>	Trade Contractor:	<u>Brockwell & Carrington</u>

Information Required & Proposed Solution:

1. With regards to the material that contains mold in the Doren Building, how should this material be treated? as regular Construction Debris or Asbestos Containing Material (ACM)?
2. If the material that contains mold is to be treated as ACM, how is this to be quantified?
3. Was mold infested material included in the estimated amounts of ACM on drawing #AR101?

Please advise.

Attachments: Yes No Potential Impact to: Schedule: _____ Days: Cost: \$ _____ Approx.

Firm: _____
Firm Name Signed

_____ _____
Date Date Required Printed

Response:

See attached responses:

1. NJSDA response, dated September 1, 2009, from Carlo Castillo, Sr. Environmental Specialist from NJSDA regarding the mold issue in the Doren Building.
2. Langan Engineering response, dated September 3, 2009, from Vijay Patel, which compliments NJSDA's response and further clarifies how this issue is to be addressed.

Firm: _____
Firm Name Signed

_____ _____
Date Printed

This is not an authorization to proceed with work involving additional cost or time. Provide written notification in response to the RFI prior to proceeding with work, if any response causes a change to the contract scope of work.

Please fax your questions to: Lesley Johnson @ 1(866) 868-1699

Johnson, Lesley

From: Carlo Castillo [ccastillo@njsda.gov]
Sent: Tuesday, September 01, 2009 2:28 PM
To: Theresa Dunn Egan
Cc: Gary Skowronski; James McElhenny; Neil Mapp; Ronald Carper; Herzog, Tim; Johnson, Lesley
Subject: Re: Fwd: 2009-08-31 NT-0019-C02-RB1: RFI #002 Mold Treatment/Abatement(FW: RFI # 1 - Henry Street ES - NT-0019-C02-RB1)

Terry,

As per our meeting and your request, please be informed that I spoke to Gary Skowronski this afternoon in regards to the mold issue in Doren Building (Henry St ES) and we both agreed that since the building will be demolished, all construction materials containing mold must be treated and disposed as regular construction debris. If additional information are needed please let me know.

Regards,

Carlo Magno L. Castillo, Jr.
Sr. Environmental Specialist
Division of Environmental Services
New Jersey Schools Development Authority (SDA)
375 McCarter Highway
Newark, NJ 07114
(973) 648-8342 (office)
(609) 468-2649 (cell)

>>> Theresa Dunn Egan 9/1/2009 8:13 AM >>>

Attached please find the RFI (Request for Information) for the Mold at the Doren Building (Henry St ES)

Please note this job is out to bid.
We need to reply to this RFI immediately.

If you could please provide a response, and send to me.

Thank you.

Terry dunn Egan
New Jersey Schools Development Authority Project Manager
375 McCarter Highway
Newark, New Jersey 07114
973-648-3223
609-656-2651(email fax)
609-273-6119(cell)
P Please consider the environment before printing this e-mail

This message contains confidential information intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. If you are not the intended recipient or you have received this message inadvertently or in error, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

**MEMO**

River Drive Center 1 Elmwood Park, NJ 07407 T: 201.794.6900 F: 201.794.0366

To: O'Lanre Smith - Hillier

From: Vijay Patel

CC: Sony David - Langan

Date: September 3, 2009

Re: Response to RFI # 1
Henry Street ES
Passaic, New Jersey
Contract NT-0019-C02-RB1
Langan Project Number: 1867210

RFI # 1**1. With regard to the material that contains mold in the Doren Building; How should this material be treated? As regular Construction Debris or Asbestos Containing Material (ACM)?**

As indicated in Asbestos Abatement Specifications, Work Area Preparation Section 3.08, A8, "Any visible excrements from birds, and mold/microbial contamination in the building work areas shall be properly cleaned prior to the preparation of the work areas."

Mold-impacted building components, which fall within the limits of containment, can be disposed of as regular Construction and Demolition waste as long as they are not contaminated with asbestos.

2. If the material that contains mold is to be treated as ACM, how is this to be quantified?

Mold impacted components which are contaminated with ACM will require to be removed and disposed of as part of pre-cleaning activities as asbestos waste. Pre-cleaning of work areas is an integral part of the abatement procedures and does not require quantification.

3. Was mold infested material included in the estimated amounts of ACM on drawing # AR101?

Drawings are provided to show locations of ACM. This is a demolition project and removal/clean-up of mold impacted components (as part of pre-cleaning work) will be necessary only in areas where asbestos abatement is warranted.

SDA

NJ SCHOOLS DEVELOPMENT AUTHORITY
BUILDING 21ST CENTURY SCHOOLS FOR 21ST CENTURY LEADERS

New Jersey Schools Development Authority
REQUEST FOR INFORMATION (RFI)

NJSDA 655

Date:	<u>08/31/09</u>	Contract No.:	<u>NT-0019-C02-RB1</u>
Package No:	<u>NT-0019</u>	Package Name:	<u>New Elementary School @ Henry Street</u>
PMF:	<u>Skanska USA Building Inc.</u>	PMF PM:	<u>Timothy Wm. Herzog</u>
RFI No.:	<u>003</u>	Contractor's RFI No.:	<u>2</u>
To:	<u>RMJM Hillier</u>	Re.:	<u>Glass Type</u>
Drawing Reference:	<u></u>	Detail Reference:	<u></u>
Spec Reference:	<u>Spec Section 08800</u>	Trade Contractor:	<u>Brockwell & Carrington</u>

Information Required & Proposed Solution:

1. Please reference specification section 08800 page 11. Regarding glass types 14, 15, 16, 17, 18 & 19. What is the interlayer make-up for each or the color scheme?

Please advise.

Attachments: Yes No Potential Impact to: Schedule: _____ Days: Cost: \$ _____ Approx.

Firm: _____
Firm Name Signed

_____ Date _____ Date Required _____ Printed

Response:

See attached response from the Architect, RMJM Hillier – O’Lanre Smith.

Firm: _____
Firm Name Signed

_____ Date _____ Printed

This is not an authorization to proceed with work involving additional cost or time. Provide written notification in response to the RFI prior to proceeding with work, if any response causes a change to the contract scope of work.



500 Alexander Park, Princeton, NJ 08540-5000
T: +1 609 452 8850 F: +1 609 452 8333 www.rmjmiller.com

September 1, 2009

Reference: NJSDA Project No. NT-0019-C02-RB1
NJDOE Project No. 3970-S01-01-0760
**New Elementary School at Henry Street
Passaic School District**

Subject: RFI Response: Interlayer Make-up for Color glass

The Interlayer make-up for the glass types are called out on the same page referenced, which is Specification Section 08800 page 11. See item D, 3b. Plastic Interlayer:

Also reference Part 2 – Products, 2.1 (E), page 7 of the same specification section.

Thank you.

O'Lanre Smith, RIBA
Associate, RMJM

SDA
NJ SCHOOLS DEVELOPMENT AUTHORITY
BUILDING 21ST CENTURY SCHOOLS FOR 21ST CENTURY LEADERS

New Jersey Schools Development Authority
REQUEST FOR INFORMATION (RFI)

NJSDA 655

Date:	<u>08/31/09</u>	Contract No.:	<u>NT-0019-C02-RB1</u>
Package No:	<u>NT-0019</u>	Package Name:	<u>New Elementary School @ Henry Street</u>
PMF:	<u>Skanska USA Building Inc.</u>	PMF PM:	<u>Timothy Wm. Herzog</u>
RFI No.:	<u>004</u>	Contractor's RFI No.:	<u>3</u>
To:	<u>RMJM Hillier</u>	Re.:	<u>Lockers & Screens Type</u>
Drawing Reference:	<u></u>	Detail Reference:	<u></u>
Spec Reference:	<u>Spec Section 10505 & 11132</u>	Trade Contractor:	<u>Brockwell & Carrington</u>

Information Required & Proposed Solution:

1. In regards to the Lockers, drawings do not indicate type of lockers (Type 1 or Type 2 as described in Spec Section 10505). Please advise.
2. In regards to the Projection Screens, the drawings also do not indicate types of screens (Types A, B, C, or D as described in Spec Section 11132). Please advise.

Please advise.

Attachments: Yes No Potential Impact to: Schedule: _____ Days: Cost: \$ _____ Approx.

Firm: _____
Firm Name Signed

_____ Date _____ Date Required _____ Printed

Response:

See attached response from the Architect, RMJM Hillier – O’Lanre Smith.

Firm: _____
Firm Name Signed

_____ Date _____ Printed

This is not an authorization to proceed with work involving additional cost or time. Provide written notification in response to the RFI prior to proceeding with work, if any response causes a change to the contract scope of work.



800 Alexander Park, Princeton, NJ 08542-4600
T: 1.609.452.8833 F: 1.609.452.8752 www.rmjmbidder.com

September 1, 2009

Reference: NJSDA Project No. NT-0019-C02-RB1
NJDOE Project No. 3970-S01-01-0760
New Elementary School at Henry Street
Passaic School District

Subject: RFI Response: Lockers & Projector Screens

1. The types of lockers and the areas they are used are as follows:

Type 1:

- Room B204 Lockers - See Sheet A8.02B for quantities.
- Room B106 Kitchen - See Sheet A8.01B for quantities.

Type 2:

- Room B125 Locker Room – See Sheet A8.01B for quantities.
- Room B112 Locker Room – See Sheet A8.01B for quantities.

2. The types of Projector Screens and their areas of use are as follows:

Type A1:

- Rooms A113.4 & A112.10

Type A2:

- Room B107 Cafetorium

Type B:

- All other spaces identified on drawings but not listed herein.

Type C:

- Room B211 Media Center
- Room B134 Music Room

Type D:

- Room B116 Gymnasium

Thank you.

O'Lanre Smith, RIBA
Associate, RMJM

PROJECT MEMORANDUM

TO: O'Lanre Smith, RMJM-Hillier
FROM: Rick Scott
SUBJECT: Henry Street School – Passaic, AV Matrix
JOB NUMBER: NT-0019-C02-RB1
DATE: 9/01/09
CC:

The following narrative complements the attached matrix and is intended to describe the changes to the base building AV deliverables for the above referenced project and to clarify the general contractor's scope of work regarding the devices and systems shown on the matrix.

Background

The NJSDA plans on changing the display devices in certain rooms. Currently, the IT and AV drawings show ceiling mounted projectors (CMPs) and TV monitors and Electronic Whiteboards in instructional areas and some admin areas. The SDA will be purchasing Electronic Interactive Whiteboards with integrated Projectors and speakers (hereinafter referred to generically as smartboards) for instructional areas. As per the attached matrix, the CMP and TV devices and their associated infrastructure (wiring and speakers) are to be considered removed from the project in instructional areas. They will remain in the project in certain admin areas (see matrix).

The AV equipment list appended to the end of Section 17400 anticipated that certain items were to be purchased by others. The NJSDA is making any CMPs and TV monitors remaining in the project part of the General Contractor's scope of work.

Matrix Defined

Columns

- Columns 1 – 4 Room Info
- The left four columns of the matrix provide room descriptions, room numbers and room quantity.
 - The column with the heading System Type is associated with the AV detail drawings.
- Columns 5 – 8 Infrastructure (In Contract)
- These four columns relate to infrastructure (i.e. outlets and AV wiring) that are currently shown on the AV and IT drawings.

September 1, 2009

Page 2

Columns 9 – 12 Devices (In Contract)

- These four columns show devices or systems that are included in the General Contractor's scope of work.

Column 13 Not In Contract

- Indicates where the NJSDA intends to place smartboards. These will be purchased and installed by others and are not in the GC's scope of work.

Rows Rooms grouped by function

Matrix Explained

1. "Removed" means no longer part of GC's scope. "X" means item is to be provided. (either by GC or by SDA depending on the column)
2. In general, wherever there is to be a smartboard, the CMP and/or TV outlet and associated in-room AV wiring and ceiling speakers are labeled "removed" on the matrix and are no longer part of the GC's scope of work. There are some exceptions.
 - There are two conference rooms (A113.4 and A107) where the GC will provide infrastructure for both a CMP and a smartboard.
3. There are four TVs to be provided. (Faculty Dining, Main Office, Principal and Assistant Principal's office) They are in the GC's scope along with the monitor outlet, wiring, ceiling mount and downrod. (TV model NEC LDC-3210-BK-IT or equal, ceiling mount and downrod as per specification equipment list or equal.)
4. There are five CMPs to be provided (3 conference rooms, parent center and cafetorium) They are in the GC's scope along with the CMP outlet, wiring, ceiling speakers, ceiling mount and downrod. (CMP model for conference rooms and parent center = NEC M1075 or equal, ceiling speakers, ceiling mount and downrod as per specification equipment list or equal. CMP model for cafetorium = NEC GT6000 or equal)
5. Sound systems for the gym, cafetorium and music room are as per drawings and specifications.
6. The smartboard outlet currently shown on AV drawings must include AV cables and one Cat 6 data cable to accommodate the projector that is now to be part of the device.

Henry Street School Audiovisual Matrix 1-Sep-09		IN CONTRACT												NIC
		Infrastructure							Devices				Interactive Whiteboard with integrated Projector	
		Room Name	Room #	System Type	Qty of rms.	T2-A Outlet	Monitor outlet with wiring to T2A outlet	CMP outlet with wiring to T2A outlet	Smartboard outlet with wiring to T2A outlet	Ceiling/Wall Speakers	Ceiling Mounted Projectors	TV Monitor		
General Classrooms	A201,A202,A203,A204,C201,C204,C208,C211,C212,C214 C221,C223,C301,C303,C306,C308,C310,C312,C314,C320,C322,A301,A303,A304,A306C101,C102.C104,C106,C107,C109,C110,C114,C117,C118	E4	35	X	removed	removed	X	removed					X	
Art Room	B132	E4	1	X	removed	removed	X	removed					X	
Science lab	B133	E4	1	X	removed	removed	X	removed					X	
Computer Room	B213	E4	1	X	removed	removed	X	removed					X	
SCSE	A211,A208,C205,C306,A309,A308	E4	6	X	removed	removed	X	removed					X	
SGR Resource	A311,A312,C217,C218,C307,C315,C318,B201,B202	E4	9	X	removed	removed	X	removed					X	
Specialty Rooms														
Gymnasium	B116	Custom	1						X			X		
Music	B134	Custom	1	X	removed	removed	X	removed	X			X	X	
Media Center	B211	Custom	1	X	removed	removed	X	removed					X	
Cafetorium	B107/B102	Custom	1	X		X			X	X		X		
Administrative Areas														
Nurse	A110	D2	1	X	removed									
Faculty Dining Room	A108	D2	1	X	X						X			
Main Office	A113	D2	1	X	X						X			
Principal's Office	A113.3	D3	1	X	X						X			
Conference Room	A113.4	E4	1	X	removed	X	X		X	X			X	
Faculty Conf Rm	A107	E4	1	X	removed	X	X		X	X			X	
Parent Center	A101	E4	1	X	removed	X			X	X				
Guidance Ofc	A112.7	D3	1	X	removed									
SS Conf Rm	A112.10	D3	1	X	removed	X			X	X				
CST Office	A112.4, A112.3, A112.2	D3	1	X	removed									
Sup/Itinerant Office	A112.5	D3	1	X	removed									
Tech Coordinator	B212	D2	1	X	removed									
Asst Principal	A206	D2	1	X	X						X			

