



**TOWN OF STRATFORD  
PURCHASING DEPARTMENT  
STRATFORD, CONNECTICUT**

BID No. 2009-059

Issued : July 20, 2009

Subject : Franklin Elementary School Gym Floor Replacement

The Town of Stratford through the Office of the Purchasing Agent, will receive SEALED BIDS for furnishing the equipment described in the accompanying specifications, in accordance with the instructions, conditions and reservations that follow:

**A. CLOSING DATE:**

Bids will be received until 3:00 pm July 30, 2009, at which time they will be publicly opened and read. All bidders are invited to attend this public opening, which will be held immediately following the closing time specified above, in the Office of the Purchasing Agent, Room 202, Town Hall, 2725 Main Street, Stratford, CT 06615.

Any bid may be withdrawn prior to the above-scheduled time for receiving bids or authorized postponement thereof. Any bids received after the date and time specified shall NOT be considered. No bidder may withdraw a bid within 45 days after the actual opening thereof.

**B. INSTRUCTIONS:**

All proposals must be addressed to the attention of the Purchasing Agent, in a sealed envelope with bid subject and number on the face thereof. Proposals may be mailed or submitted in person. FAXED PROPOSALS ARE NOT ACCEPTED.

**THE PROJECT MUST BE COMPLETED NO LATER THAN AUGUST 20, 2009.**

## **C. CONDITIONS:**

Bidders must state specifically what equipment they propose to supply, giving manufacturer's name, model number, etc. A detailed description should accompany your bid. Any exceptions to Town Specifications should be listed in your bid response.

### **Bid Surety:**

A Certified Check, Cashier's Check or Bid Bond in the amount of \$ 7,500.00 must accompany each proposal, made payable to the Town of Stratford. No bid will be considered without this surety. Upon award or rejection of the bid, all Certified Checks or Cashier's Checks received in lieu of Bid Bonds will be returned to the bidders.

### **Performance Bond**

The successful bidder to whom the contract is awarded must furnish the Town with a Performance Bond in the amount of 100% of the contract price. This bond is to be in effect for the duration of the contract, and to be made in favor of the Town of Stratford, and executed by a Surety Company authorized to transact business within the State of Connecticut, conditioned for the full and faithful performance and observance by the Contractor of all the conditions and terms of the contract.

### **Insurance**

#### **A. General Liability**

Occurrence limit \$1,000,000; aggregate limit \$2,000,000. The insurance carried by the proposer shall be on form CG 00 01, or equivalent. The Town of Stratford shall be named as an additional insured on the contractor's General Liability Insurance Policy with form CG 20 10 or CG 20 33, *and* CG 20 37.

#### **B. Automobile Liability**

Combined single limit of \$1,000,000. Comprehensive automobile policy to cover all owned, hired or non-owned automobiles or vehicles.

#### **C. Workers Compensation**

The proposer must have workers' compensation and employers liability insurance as required by Connecticut and federal law, plus employers liability limits of \$1,000,000 per accident, 1,000,000 disease each employee and \$1,000,000 disease policy limit.

#### **D. Umbrella Liability**

The proposer shall have a minimum coverage of \$3,000,000 excess umbrella coverage, naming the Town as additional insured.

The proposer shall procure and pay for the insurance coverage described above and must maintain the indicated insurance for a period of two (2) years after completion of the contract. All policies shall provide for thirty (30) days written notice prior to cancellation, substantial change or nonrenewal. The successful bidder must file the required Performance Bond and an Insurance Certificate within two weeks of the date of notification of award. Failure or neglect to do so may be considered by the Town as proof that the proposer is unable to fulfill the contract. A current insurance certificate and a copy of the endorsement or policy wording adding the Town as Additional Insured must be in the Town's possession at all times. In addition, the selected firm shall require its subcontractors, if any, to meet the same insurance requirements and to furnish the Town with similar evidence of insurance.

In addition, the proposer shall, at all times, save, indemnify and hold harmless the Town of Stratford, its officers, agents, employees and servants from liability of any nature or kind, including costs and expenses for or on account of, any patented or copyrighted equipment, materials, articles, or processes used in the performance of this contract, or on account of any and all claims, damages, losses, litigation expense and counsel fees arising out of loss or injuries (including death) sustained by or alleged to have been sustained by the public or any persons affected by the proposer's work, or by the proposer or any subcontractor, or anyone directly or indirectly employed by them while engaged in the performance of their duties in connection with this contract.

The following information should also be covered in your bid:

**Payment:** Final payment will be made upon the acceptance of the completed work by an authorized representative of the Town of Stratford. NO partial payments will be made. Invoices covering the work specified herein should be forwarded to the Purchasing Department upon completion of the project.

**Delivery:** Please state as accurately as possible how long it will take to complete delivery after receipt of order, if you are the successful bidder.

**Warranty:** All proposals must state the exact nature and duration of any warranty applicable to the equipment you propose to sell to the Town.

**Taxes:** The Town of Stratford is exempt from all State and Federal taxes. Do not include these amounts in your quotation.

**Terms:** All quotations must be F.O.B. Stratford, Conn., to the department indicated.

**Bid Award:** The bid award will be determined by a combination of price, references and equipment proposed.

**D. RESERVATIONS:**

The Town of Stratford may consider informal any proposal not prepared and submitted to the Town in accordance with the provisions herein stated. The Town of Stratford reserves the right to reject any or all proposals or parts of proposals; to waive defects in same proposals; or to accept any proposal or part thereof deemed to be in the best interests of the Town of Stratford.

Michael Bonnar, Purchasing Agent

For additional information or a site visit, contact Bob Sweger at 203-385-4216.

**SPECIFICATIONS:** See next page.

**PROJECT MANUAL  
BID #2009-059**

**STATE PROJECT # TMP-138-BDHN**

**FRANKLIN ELEMENTARY SCHOOL  
GYMNASIUM FLOOR REPLACEMENT  
1895 Barnum Avenue  
Stratford, Connecticut**

**Stratford Public Schools**

**PREISS/BREISMEISTER ARCHITECTS  
39 Wall Street, Norwalk, Connecticut 06850**

**June 2, 2009**

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**Town of Stratford  
BID #2009-059**

**BID FORM**

**PROJECT: STATE PROJECT # TMP-138-BDHN  
STRATFORD PUBLIC SCHOOLS  
FRANKLIN ELEMENTARY SCHOOL  
GYMNASIUM FLOOR REPLACEMENT  
STRATFORD, CT**

**PLEASE NOTE THAT BID DRAWINGS ALSO REFER IN PART TO LORDSHIP AND NICHOLS ELEMENTARY SCHOOLS. PLEASE DISREGARD INFORMATION RELATED TO THESE SCHOOLS. THIS BID IS FOR THE FRANKLIN SCHOOL GYMNASIUM FLOOR REPLACEMENT ONLY.**

**BID PRICES:**

The undersigned, having familiarized (himself, itself, themselves) with the existing conditions on the Project Site affecting the cost of the work, and with the Contract Documents for the **Franklin Elementary School Gymnasium Floor Replacement** located at 1895 Barnum Avenue, Stratford, CT, hereby proposes to furnish all supervision, technical personnel, labor, materials, equipment, tools, appurtenances, services (including utility and transportation services required to perform and complete this Contract), all in accordance with the Contract Documents for the total fixed sum (BASE BID) specified in the schedule of prices which follows, increased or decreased in a manner as provided for in the contract:

**FRANKLIN ELEMENTARY SCHOOL GYMNASIUM FLOOR REPLACEMENT**

----- Dollars (\$) )  
**BASE BID**

**SLAB SEALER (Required if moisture content of slab is above acceptable levels)**

----- Dollars (\$) )  
**ADD ALTERNATE NUMBER ONE**

**SUBCONTRACTORS:**

The bidder proposes to use the following subcontractors:

Subcontractor	Portion of Work
-----	-----
-----	-----
-----	-----

**SIGNATURES:**

The undersigned has carefully checked all the above figures and understands that the Owner shall not be responsible for any errors or omissions on the part of the undersigned in making up this Bid.

The undersigned acknowledges receipt of Addenda Numbers \_\_\_\_\_

**The undersigned acknowledges that submission of a bid obligates Bidder to hold his bid price for 180 days.**

THIS PROJECT MUST BE COMPLETED BY AUGUST 20, 2009.

Days to complete project once bid is awarded? \_\_\_\_\_ days

Company Name: \_\_\_\_\_

The Principal(s) of the Bidder (is) (are) -----

NAME/TITLE

-----  
SIGNATURE

-----  
SOCIAL SECURITY NUMBER

-----  
ADDRESS

**PART 1 – GENERAL**

**1.01 SUMMARY**

- A. Project Identification: Franklin Elementary School  
Gymnasium Flooring Replacement  
1895 Barnum Avenue  
Stratford, CT
- B. Project Summary and Scope of Work shall include but shall not be limited to:
1. Removal of existing sports flooring as per the construction documents.
  2. Grinding and/or shot blasting of concrete floors to achieve flatness as per Specifications.
  3. Preparation of concrete floors to receive new flooring. This work includes provision of a pourable underlayment as per the construction documents. Provide add alternate price for underlayment containing moisture sealer if concrete floors fail moisture test. See Bid Form.
  4. Undercutting of doors where necessary to adequately clear new floor surface.
  5. Protection of all surfaces from dust caused by shot blasting. See Demolition specification for required procedures.
  6. Provision of new flooring and base as per construction documents.
  7. Removal and reinstallation of floor mounted hardware.
  8. Painting of game lines as per construction documents.
  9. Repair and replacement of all interior and exterior items damaged by the work. It is up to the contractor to inspect the field conditions prior to submitting a bid.
    - a. All work under this contract shall be warranted for a period of (2) two years from substantial completion, in addition to warranties required under specific conditions of this Specification.
    - b. Contractor to hold his price for 180 days.
- C. Permits and Fees: Apply for, obtain, and pay for permits, fees, and utility company back charges required performing the work. Submit copies to Owner.
- D. Codes: Comply with applicable codes and regulations of authorities having jurisdiction. Submit copies of inspection reports, notices and similar communications to Owner.
- E. Dimensions: Verify dimensions indicated on drawings with field dimensions before fabrication or ordering of materials. Do not scale drawings.
- F. Construction Conditions: Notify owner of conditions differing from those indicated on the drawings. Do not remove or alter structural components without prior written approval.
- G. Coordination: Coordinate the work of all trades.
- H. Installation Requirements, General:
1. Inspect substrates and report unsatisfactory conditions in writing.
  2. Do not proceed until unsatisfactory conditions have been corrected.

**SUMMARY OF WORK  
SECTION 01010**

3. Take field measurements prior to fabrication where practical. Form to required shapes and sizes with true edges, lines and angles. Provide inserts and templates as needed for work of other trades.
4. Install materials in exact accordance with manufacturer's instructions and approved submittals.
5. Install materials in proper relation with adjacent construction and with proper appearance.
6. Restore units damaged during installation. Replace units, which cannot be restored at no additional expense to the Owner.
7. Refer to additional installation requirements and tolerances specified under individual specification sections.

I. Definitions:

1. **Provide: Furnish and install, complete with all necessary accessories, ready for intended use. Pay for all related costs.**
2. **Approved:** Acceptance of item submitted for approval. Not a limitation or release for compliance with the Contract Documents or regulatory requirements. Refer to limitations of 'Approved' in General and Supplementary Conditions.
3. **Match Existing:** Match existing as acceptable to the Owner.

J. **Intent:** Drawings and specifications are intended to provide the basis for proper completion of the work suitable for the intended use of the owner. Anything not expressly set forth but which is reasonable implied or necessary for proper performance of the project shall be included.

K. **Writing style:** Specifications are written in the imperative mode. Except where specifically intended otherwise, the subject of all imperative statements is the Contractor. For example, 'Provide tile' means 'Contractor shall provide tile.'

**PART 2 – PRODUCTS** – Not Applicable To This Section

**PART 3 – EXECUTION** – Not applicable To This Section

PART 1 - GENERAL

1.01 SUMMARY

- A. Selective Demolition
  1. Selective demolition of existing flooring, mastic, base, and systems and building components designated to be removed in the contract documents.
  2. Protection of portions of building adjacent to or affected by selective demolition.
  3. Notification to Owner of schedule of shut-off of utilities.
  4. Pollution control, including noise and dust, during selective demolition.
  5. Removal and legal disposal of materials.
- B. Asbestos and hazardous materials demolition or removal work is not part of this contract.

1.02 QUALITY ASSURANCE

- A. Comply with governing codes and regulations. Use experienced workers.

1.03 PROJECT CONDITIONS

- A. School must remain operational at all times.

PART 2 - PRODUCTS - Not Applicable To This Section

PART 3 - EXECUTION

3.01 DEMOLITION

- A. Do not damage building elements and improvements indicated to remain. Items of salvage value shall be removed from building. Storage or sale of items at project is not acceptable.
- B. Do not interrupt building utilities without permission from Owner in writing. Provide temporary utilities as required.
- C. Provide protection against accidental trespassing and secure area of work after hours.

END OF SECTION

PART 1 - GENERAL

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END OF SECTION

**SECTION 09624  
RESILIENT ATHLETIC FLOORING**

PART I – GENERAL

1.0 DESCRIPTION

A. Scope

1. The complete installation of poured-in-place synthetic sports surfacing system including adhesive, resilient pad, sealer, resin, topcoat and gameline striping.

B. Related work.

1. CONCRETE MOISTURE VAPOR EMISSION AND pH TESTING

- a. General Contractor shall perform moisture vapor emission and pH tests of concrete. Moisture vapor emissions must not exceed 4 lbs/1,000 ft<sup>2</sup> per 24 hours as verified using Calcium Chloride test ASTM F 1869-04 or ERH value of less than 80%. pH level should be in the range of 7 to 8.5.

2. CONCRETE SUBFLOORS

- a. The general contractor shall prepare the concrete subfloor as per the construction documents.
- b. After all existing flooring and mastic have been removed, the levelness of the existing concrete slab shall be surveyed every five feet on center in 1/8" vertical increments. The slab shall be ground and/or shot blasted to a tolerance of 1/8" vertical in any 10' horizontal radius, non cumulative. Floor flatness and floor levelness (FF and FL) numbers are not recognized. High spots shall be ground level and low spots filled with approved leveling compound. Grinding machines will be equipped with HEPA vacuum shrouds
- c. No concrete curing, hardening or sealing agents shall be applied or mixed with the concrete subfloor.

3. MEMBRANE WATERPROOFING

- a. Concrete subfloors on or below grade shall be installed over a suitable moisture retardant membrane. Water vapor membrane shall comply with ASTM E 1745-97 (2004).

1.02.1 REFERENCES

- A. ASTM (American Society for Testing & Materials)

1. ASTM D 2240-04
2. ASTM E 1745-97 (2004)
3. ASTM F 1869-04

B. International Standards

1. European Standard (EN 14904)
2. DIN 18032

C. American Sports Builders Association

1.02.2 SUBMITTALS

- A. Product data, including manufacturer's information for specified products
- B. Samples for field color(s) and gamelines
- C. Installation and maintenance instructions.

1.02.3 QUALITY ASSURANCE

- A. The manufacturer must have a minimum of five (5) years experience in the manufacturing of synthetic sports flooring.
- B. Installer must have performed installations of the same scale in the last three years.
- C. Installer to be recognized and approved by the athletic rubber flooring manufacturer.

1.02.4 DELIVERY, STORAGE, AND HANDLING

- A. Materials must be delivered in manufacturer's original, unopened and undamaged containers with identification labels intact.
- B. Protect all materials from exposure to harmful weather conditions, on a clean, dry, flat surface protected from all possible damage. Store rolls up-right.
- C. Recommended environmental condition for storage is a minimum of 55<sup>o</sup> F (13<sup>o</sup> C).
- D. Material need not suffer excessive damage during handling (i.e. edge chipping, excessive warping, etc).

1.02.5 SITE CONDITIONS

- A. Maintain a stable room and sub floor temperature for a period of 48 hours prior, during and 48 hours after installation. Recommended range: 65<sup>o</sup>F to 80<sup>o</sup>F (18<sup>o</sup>C to 27<sup>o</sup>C).
- B. Installation to be carried-out no sooner than the specified curing time of sub-floor.

- C. Substrate Flatness (concrete or asphalt) must not vary more than 1/8" vertical in 10' horizontal radius.
- D. Moisture vapor emission content of the concrete slab must not exceed 4lbs/1000ft<sup>2</sup> per 24 hrs when using the Calcium Chloride test as per ASTM F 1869.
- E. Installation of athletic flooring will not commence unless all other finishes in the building have been completed.
- F. Existing 6" vinyl cove base shall be removed and replaced with new 6" vinyl base.
- G. Vinyl reducer strips shall be provided and installed at all doorways where there is an elevation change.
- H. Undercut or trim all doors that do not have proper clearance after flooring is installed. Replace all hardware, weatherstripping, and associated items removed during door modification procedures.

#### 1.02.6 WARRANTY

- A. Provide manufacturer's standard warranty
- B. The athletic rubber flooring is warranted to be free from manufacturing defects for a period of three (3) years from the date of shipment from the manufacturer.

### PART 2 - PRODUCTS

#### 2.0 MANUFACTURER

- A. Basis for design: MaxxPlay by TRACTION, North American Specialty Flooring, Woodstock, IL 866-757-5569 and manufactured by BASF, or approved equal.  
**Approval of substitutions is at the sole discretion of the Architect.**
- B. All components shall be non-hazardous, and shall not contain ANY lead, mercury, heavy metals, PCB, or formaldehyde.
- C. MaxxPlay 110 Adhesive – Two-component polyurethane.
- D. MaxxPlay Resilient Base Mat – Specially formulated prefabricated resilient basemat made of recycled rubber bound with MDI polyurethane. Base Mat density – 30lbs/ft<sup>3</sup>. Base Mat standard thickness – 7mm.
- E. MaxxPlay 220 Sealer – Two-component, thixotropic polyurethane compound.
- F. MaxxPlay 224 Resin – Two-component, pigmented, seamless, self-leveling polyurethane.
- G. Total wear layer thickness – 2mm throughout the floor (3mm for 14+3 system).
- H. Physical Properties – Surface Hardness; Shore A 80 minimum per ASTM D-2240.
- I. MaxxPlay 67 Top Coat – Matte Finish, select from standard colors.
- J. MaxxPlay 45 Gameline Paint – Two-component polyurethane. Select from standard colors.

#### Physical Properties

- A. Physical properties of the polyurethane athletic rubber floor to conform to the following requirements:

Physical Properties	Standard	Specification
Shock Absorption	DIN 18032	35% (7+2)
Vertical Deformation	DIN 18032	1.06
Resistance to Rolling Load	EN 14904	1500
Resistance to Impact	IASTM D2632	11Nm
Resistance to Indentation	EN 14904	.38mm
Vertical Ball Rebound	DIN 18032	99%
Sliding Properties	DIN 18032	0.40 – 0.50
Resistance to Fungi	ASTM G 22	Non-growth
Critical Radiant Flux	ASTM E 648	0.59 W/cm <sup>2</sup>
Optical Density of Smoke	ASTM E 662	<450, Class I
Color, Chemical & UV Stability		Aliphatic - Excellent

### PART 3 - EXECUTION

#### 3.1 EXAMINATION AND PREPARATION

The following must be ensured prior to installation of the primary product:

- A. Concrete sub floors to be placed a minimum of thirty (30) days prior to the installation of athletic rubber floor.
- B. No concrete or asphalt sealers or curing compounds are applied or mixed with the sub floors (refer to Section 03050 of Division 3 and/or Section 02065 of Division 2).
- C. The underlayment is adequate (if installing over wood sub floors). APA Exterior Underlayment Grade Plywood is recommended.
- D. Water vapor membrane complies with specification in ASTM E 1745.
- E. Alkalinity test and moisture test must be performed. PH level should be in the range of 7 to 8.5. Moisture content must not exceed 3lbs/1000ft<sup>2</sup> per 24 hrs (verify using the calcium chloride test as per ASTM F 1869).
- F. Smooth, dense, concrete finish is required, highly compacted with a tolerance of 1/8" in the 10ft radius (3mm in 3.05 m radius). Floor flatness and floor levelness (FF and FL) numbers are not recognized.
- G. Concrete or asphalt sub floors on/or below-grade are installed over a suitable moisture retardant membrane as per ASTM E 1643 and E 1745.
- H. Sub floors must be clean, free of paint, dust, sealer, hardeners, grease, oil, solvents, or adhesive and any other foreign substances that may act as a bond barrier.

- I. Sealing of cracks, holes and, smoothing and leveling of rough, uneven surfaces, must be carried out using a good quality Portland cement based leveling compound (feathering compound), approved by the manufacturer.
- J. Installation of athletic flooring will not commence unless all other finishes in the building have been completed.
- K. The gym and the surrounding areas must be closed during removal and installation of flooring.
- L. Contractor shall have access to the site seven days a week.
- M. Contractor shall hang 3 mil poly sheeting from top of all four walls down to floor to protect surfaces from migrating dust. An additional layer of poly sheeting shall be installed over vents and doorways to protect from migrating dust.
- N. Contractor shall mobilize a minimum of two negative air machines into project area to filter air and exhaust to exterior of building.
- O. Contractor shall protect floor of hallways and other routes used by workmen with masonite or poly sheeting.
- P. Doorways leading into project area shall be taped off with caution tape.
- Q. Installation will not be carried out unless above conditions are satisfied.
- R. Report any discrepancies to the General Contractor or Owner for correction.

### 3.2 INSTALLATION

- A. Unroll the base mat and allow it to relax overnight or approximately 12 hours. Do not cut the base mat to final dimensions until it is laid into the adhesive.
- B. Thoroughly mix the two-component polyurethane adhesive per NASF's instructions and apply it directly to the concrete subfloor with a V-notched 3/32" X 3/32" X 3/32" trowel.
- C. Install the base mat into the freshly applied adhesive. Do not allow a compression fit at any seam. Roll the base mat with a 100 lb segmented roller and repeat the rolling process on the entire mat 45 minutes after installation. Allow the adhesive to cure before proceeding to the Seal Coat.
- D. Thoroughly mix the two-component Seal Coat per NASF's instructions.
- E. Apply two layers of Seal Coat to the base mat with a flat trowel. Allow each layer to cure a minimum of 8 hours before proceeding to the next application. Inspect for, and fill all gaps by applying additional material as needed. Sand down any ridges in the cured Seal Coat with 100 grit sand paper.
- F. Mix two-component MaxxPlay pigmented polyurethane resin and spread over Sealer in accordance with supplier's instructions. Allow to cure minimum 12 hours before proceeding.
- G. Mix two-component MaxxPlay Coating and apply using multiple rollers to achieve desired coverage and texture. Allow 24 to 48 hours curing time before proceeding.
- H. Mix two-component MaxxPlay Gameline striping paint by supplier's instructions.
- I. Color of game lines shall be chosen from MaxxPlay Line standard colors.
- J. Consult architectural drawings for game line locations and chosen colors.

- K. Existing 6” rubber cove base shall be removed and replaced with new 6” vinyl base.
- L. Rubber reducer strips shall be provided and installed at all doorways where there is an elevation change.
- M. Undercut or trim all doors that do not have proper clearance after flooring is installed.
- N. Replace all hardware, weatherstripping, and associated items removed during door modification procedures.

### 3.3 PROTECTION

- A. Cure Time: No traffic or other trades shall be allowed on the surface for a period of one week following completion to allow for complete and proper cure of the finish.
- B. Other Trades: It shall be the responsibility of the general contractor to protect the surface from damage by other trades before acceptance by the owner or the owner's agent.
- C. Safety: No smoking, open flames or sparks from electrical equipment or any other source shall be permitted during the installation process, or in areas where materials are stored

PART 1 GENERAL

1.01 WORK INCLUDED

A. Work Included: The Work of this Section shall include but not be limited to the following:

1. Resilient wall base and accessories.

1.02 RELATED WORK

- A. Section 09624 – Resilient Athletic Flooring
- B. Section 09650 – Resilient Flooring
- C. Section 09684 - Carpet

1.03 QUALITY ASSURANCE

- A. Manufacturer: Provide each type of resilient wall base and accessories as produced by a single manufacturer, including recommended primers, adhesives, sealants, and leveling compounds.
- B. Fire Test Performance: Provide resilient wall base which complies with the requirements of the building code and is acceptable to authorities having jurisdiction.

1.04 SUBMITTALS

- A. Product Data: Submit manufacturer's technical data for each type of resilient wall base and accessory, including installation instructions.
  1. Certification by tile manufacturer that products supplied for tile installation comply with local regulations controlling use of volatile organic compounds (VOC's).
- B. Samples for Initial Selection: Submit manufacturer's standard colors in the form of actual sections of resilient flooring, including accessories, showing full range of colors and patterns.
- C. Attic Stock: Deliver 2% of the total amount of product used to the jobsite as attic stock
- D. Maintenance Instructions: Submit manufacturer's recommended practices for maintaining each type of resilient flooring required.

1.05 PROJECT CONDITIONS

- A. Maintain minimum temperature of 65 deg. F in spaces to receive resilient wall base. Store resilient wall base materials in spaces where they will be installed for at least 48 hours before installation.
- B. Install resilient wall base and accessories after other finishing operations, including painting, have been completed.

1.06 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials to project site in original factory wrappings and containers, clearly labeled with identification of manufacturer, model, style/pattern, color, grade (if applicable) and lot number.
- B. Store materials in original undamaged packages and containers, inside well-ventilated area protected from weather, moisture, soiling, and laid flat atop skids and off ground to prevent warping.
- C. Comply with instructions and recommendations of manufacturer for special delivery, temperature and humidity requirements, and storage and handling requirements.
- D. Provide 2% of the total amount of product used to the jobsite as attic stock.

PART 2 PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, provide resilient wall base as manufactured by the following manufacturers or approved equal:
  - 1. Roppe
  - 2. Johnsonite
- B. **Substitutions are at the sole discretion of the Architect.**

2.02 MATERIALS

- A. Colors and Patterns: As selected from manufacturer's standards.
- B. Vinyl Base: Type TS, Thermoset Vulcanized Pinnacle Extruded Rubber Wall Base, Group 1 (solid), 1/8" thickness, height as shown on Finish Schedule. Provide straight base at carpeted floors, top-set cove at other locations, and molded corners.  
Manufacturer : Roppe

2.03 ACCESSORIES

- A. Primers and underlayment compounds (if required) shall be water-resistant type and of consistency recommended by the flooring manufacturer for the type and condition of the surface to be covered. Use primer and underlayment compound in accordance with the manufacturer's printed instructions.
- B. Adhesive: Specially formulated adhesive as recommended by sheet flooring manufacturer and compatible type for heat-welding of seams.
- C. Concrete Slab Primer: Non-staining type as recommended by flooring manufacturer.
- F. Leveling and Patching Compound: Latex cement type as recommended by flooring manufacturer.

PART 3 EXECUTION

3.01 INSPECTION

- A. Inspect surfaces to determine that they are smooth and free from cracks, holes, ridges, coatings preventing adhesive bond, and other defects impairing performance or appearance. Patch defects prior to installing wall base.

3.02 PREPARATION

- A. Prepare surfaces as follows:
  - 1. Use leveling and patching compound for filling small cracks, holes and depressions in walls.
  - 2. Remove coatings from wall surfaces that would prevent adhesive bond, including curing compounds incompatible with resilient flooring adhesives, paint, oils, waxes and sealers.
- B. Broom clean or vacuum surfaces to be covered, and inspect wall surfaces.
- C. Apply primer, if recommended by manufacturer, in compliance with manufacturer's directions.

3.03 INSTALLATION, GENERAL

- A. Install resilient wall base using method indicated in strict compliance with manufacturer's printed instructions. Extend resilient wall base into toe spaces, door reveals, and into closets and similar openings.
- B. Scribe, cut and fit resilient wall base to permanent fixtures, built-in furniture and cabinets, pipes, outlets and permanent columns, walls and partitions.
- C. Install resilient wall base on flush covers and similar items occurring within finished floor areas to remain concealed. Maintain overall continuity of color and pattern with pieces of base installed on these covers. Tightly cement edges to perimeter of covers and to covers.
- E. Tightly cement resilient wall base to subbase without open cracks, voids, raising and puckering at joints, telegraphing of adhesive spreader marks, or other surface imperfections.

3.04 INSTALLATION OF RESILIENT WALL BASE

- A. Tightly bond base to substrate.
- B. On masonry surfaces, or other similar irregular substrates, fill voids along top edge of resilient wall base with manufacturer's recommended adhesive filler material.
- C. Match base for color by using base from cartons in same sequence as manufactured and packaged if so numbered. Damaged or defective base are not acceptable.
- D. Clean resilient wall base not more than 4 days prior to date scheduled for inspections intended to establish date of substantial completion in each area of project. Clean base by method recommended by resilient flooring manufacturer.

3.07 SCHEDULE OF MATERIALS

- A. Refer to the Finish Schedule for the location and use of these materials.

END OF SECTION