Outline Specifications
August 18, 2017

Tuftonboro Free Library
Tuftonboro, New Hampshire

Division 01 – General Requirements
1. Provide project management, supervision, estimating and scheduling during the preconstruction and construction phases.
2. GC & Contractors shall provide performance & labor bond
3. Owner will provide a space on site for a project office.
4. Owner will provide electrical power and water for construction. GC to provide temporary toilets.
5. Provide coordination of daily and final clean up.
6. Provide temporary fencing as required during construction.
7. Blower door test will be performed by Owner to verify air infiltration requirements (min. 2.0 l/s/m2@75Pa (1)).
8. Library will not be occupied during the construction period.

Division 02 – Existing Conditions
1. Selected demolition at existing building tie-in. This includes removal of existing partitions and mechanical modifications.
2. Demolition of existing main entry vestibule interior.

Division 03 – Concrete
1. Concrete for building foundation and slabs shall have a minimum compressive strength of 3,000 psi at 28 days. Concrete for exterior sidewalks & loading dock shall have a minimum compressive strength of 4,000 psi at 28 days
2. Reinforcing steel and welded wire mesh to be new steel conforming to ASTM A615 grade 60 and ASTM A185 respectively. Slabs to be reinforced with welded wire mesh.
3. Provide control, construction and isolation joints as may be required.

Division 04 – Masonry
1. Miscellaneous repairs to brick at addition connection.
2. Brick accents on new addition, assume 1000 s.f.

Division 05 – Metals
1. Assume some structural steel posts and beams at addition centerline.
2. 6’ aluminum fence to replace chainlink at fire pond.

Division 06 – Wood, Plastics and Composites
1. Provide 2x6 exterior and bearing stud walls.
2. Gyp. bd. walls, 5/8”.
3. Provide plywood sheathing on exterior walls and roofs.
4. Provide shop fabricated wood trusses. Assume overbuilt stick-built roof at connection to existing.
5. Provide one layer of 5/8” fire retardant treated plywood sheathing on the electric room walls to 8’-0” AFF.
6. Provide wood blocking for windows, bathroom accessories, and wall mounted cabinets/shelving.
7. Millwork allowance – at all “built-in’s” where shown; Local History RM, Kitchen, Break and Work Rm include wood circulation desk carcass with solid surface top. Circulation in-fill drawer pedestals by Owner in furniture. Alternate: circ. desk w/ doors & drawers integral.
8. Provide hard wood window sills at all new windows. Gyp board return at jambs and head.

Division 07 – Thermal and Moisture Protection

1. Provide damp proofing at foundation frost walls.
2. Provide 2" perimeter foundation insulation and under slab vapor barrier, 10 mil.
3. Provide 1" rigid insulation to outside face of stud & 2" closed cell spray insulation at inside of stud pocket; fill remaining void w/ R-13 fiberglass batt insulation at perimeter walls. (total R30)
4. Provide unfaced fiberglass insulation at interior walls as required for noise.
5. Provide min. 18" (R-60) blown in cellulose insulation
6. Provide caulking and sealants as required.
7. Provide 40 year Certainteed, Centennial Slate Asphalt Shingles.
8. Provide pre-finished (1 coat) fiber cement clapboard siding 4" & 10" exposure.
9. PVC trim, water table, fascia, etc.
10. Provide roof accessories as required for, mechanical exhaust etc.
11. Provide fire stopping as required
12. Provide expansion control as required.
13. Alternate: furring and insulation existing perimeter walls, replace GWB interior finish.

Division 08 – Doors & Windows

1. Wood and exterior aluminum doors, frames and finish hardware grade is commercial duty; rated door at mechanical room.
2. Repair/rebuild bow window - upgrade glazing.
3. 6 door frames w/ sidelights.
4. Fiberglass, casement & fixed windows with insulating, low-E glass.
5. Aluminum store front system at entry at rear (east). Existing back entry to remain as new main entry.
6. Provide access doors to unoccupied areas above the upper level ceiling.
7. No rolling door between Program Space and Children’s Wing.
8. Double door between Program Space and Kitchen

Division 09 – Finishes

1. Main Entry Vestibule / Egress vestibules: Provide tile walk-off mat (rotate adjacent tiles 90 degrees) Assume Mats Inc. At main entry vestibule & connector provide 6'-0" x 6'-0" aluminum entry grate. See stairs listing below or finishes on the stairs.
2. Program Space: Carpet tile, painted gyp wallboard, vinyl base, acoustic tile ceiling at 10'.
3. Local History Room: Wood floor, wood base, painted gyp wallboard, gypsum wallboard ceiling at 9'.
4. Stack Areas: Carpet tile, painted gyp wallboard, vinyl base, acoustic tile ceiling at 10'.
5. Reading Areas: Carpet tile, painted gyp wallboard, vinyl base, acoustic tile ceiling at 10'.
6. Offices (new and old): Carpet tile, painted gyp wallboard, vinyl base, acoustic tile ceiling at 8'.
7. Break Room: 12" x 12" VCT flooring tiles, based on Armstrong VCT, w/ 6" vinyl base, painted gyp wallboard, acoustic tile ceiling at 8'.
8. Circulation Area: 12" x 12" VCT flooring tiles, based on Armstrong VCT, w/ 6" vinyl base, painted gyp wallboard, GWB cove ceiling and acoustic tile ceiling.
9. Staff Work Room: 12" x 12" VCT flooring tiles, based on Armstrong VCT, w/ 6" vinyl cove base board, painted gyp wallboard, vinyl base, acoustic tile ceiling at 8'.
10. **Back Hallway (near Program Space):** 12" x 12" VCT flooring tiles, based on ____, w/ 6", painted gyp wallboard, vinyl base, acoustic tile ceiling.

11. **Kitchenette:** sheet vinyl flooring, based on Gurlflor, w/ 6" integral base, painted gyp wallboard, acoustic tile ceiling at 8'.

12. **New Restrooms:** 3” x 3” mosaic ceramic floor tile based on Crossville Weatherstone, non-porous painted walls, GWB ceiling.

13. **Janitor's closet:** 12" x 12" VCT flooring tiles, based on Armstrong VCT w/ 6” vinyl cove base board

14. **Mechanical Room / Electric Room / Storage:** Provide sealed concrete floor and 6” resilient base.

**Finishes- notes:**
- Provide one prime coat and two finish coats at gypsum board (Low VOC/ No VOC).
- Provide painting per manufacturer's recommendation on cement board clapboard siding. Assume front and back painting of siding.
- Provide Low VOC/ No VOC adhesives.

**Division 10 – Specialties**

1. Assume seven (3) fire extinguishers, wall mounted w/o cabinets. Monitoring requirement?

2. Provide small directory (non-illuminated) w/ changeable letters, 1 ea. main entry/ vestibule.

3. Write-on boards for Program Room

4. Pull-down screen for Program Room

5. Assume ADA required signage for restrooms, meeting rooms etc.

6. Assume way finding signage, including "Circulation".

7. Provide floor or wall stops for all doors.

8. Toilet accessories to include:
   - Single roll toilet paper dispensers.
   - Grab bars per New Hampshire handicap code at handicap toilet.
   - Surface -mounted paper towel dispensers.
   - 18"x24” framed mirrors, One (1) 18”x 60” framed mirror.

**Division 11 – Equipment**

1. **Program Room:**
   - Ceiling projector: provided by Owner, installed by Owner

2. **Break Room Equipment:** provided by Owner, installed by Owner
   - Microwave
   - Refrigerator
   - Coffee maker

3. **Kitchenette Equipment:** provided by Owner, installed by Contractor
   - Microwave
   - Refrigerator
   - Coffee maker, hard-piped

4. **Ceiling Fans:** assume 2 in Children’s Area, 2 in Program Room, 1 at Circulation

**Division 12 – Furnishings** provided by owner / installed by supplier
- office furniture
- stacks and accessories
- meeting room seating
- break room furniture
• Pull-down sunshades at south-side windows
• Outdoor furniture

Division 13 – Special Construction (Not Used)

Division 14 – Conveying Equipment (not used)

Division 22 – Plumbing
1. Plumbing.
   • Floor mounted China fixtures throughout new facility
   • Water fountains. One fountain at ADA height & one at standard height.
   • Copper tubing for water supply, PEX if less expensive
   • Waste water cleanouts
   • Waste and vent per local building codes.
   • Water/drain at coffee bar in kitchenette.
   • Janitors’ floor mounted sink.
   • Standard sprinkler heads (not concealed)

Division 23 – Heating Ventilating and Air Conditioning
1. Radiant slab in new wing
2. Forced hot air system as back-up
3. Air Conditioning?
4. PV Array?

Division 26 – Electrical
1. Exterior building mounted lighting for entry and parking.
2. Electrical work including power, lighting, fire alarm, and emergency lighting.
3. Ceiling fans (5).
4. Day lighting Controls/ Sensors.

Division 31 – Earthwork
1. All sediment and erosion control should be in place BEFORE grubbing and earth removal, before any site work begins.
2. Sediment and erosion control needs to be inspected weekly and inspection reports maintained in the Storm Water Pollution Prevention Plan.
3. Retaining wall backfill will require a washed gravel aggregate (most likely 1.5”) for +18” behind the retaining wall, filter fabric, and drainage structures.
4. Clear and grub the site.
5. Strip and stack topsoil.
6. Cuts and Fills. Any extra material to remain on site.
7. Relocate septic system.
8. Excavate and backfill for building foundation and building pad. Re-use excavated material for foundation backfill, and general site fill, verify w/ structural engineer.
Division 32 - Exterior Improvements

1. Provide 3" thick asphalt paving at entry drive, drop off and parking as shown, including 12" gravel bases.
2. Provide new wearing course at existing.
3. Provide 8" gravel under building slab and sidewalks.
4. Provide seeding and mulching as required.
5. Purchase new topsoil for lawn areas if there are insufficient quantities from stockpile.
6. Tree type, size and location per site plan. Installed by Owner.
7. Flower beds loamed and prepared for Owner planting.

Division 33 – Utilities

1. Underground utilities: retain existing.
2. Fuel tank and fill: retain existing
3. Perimeter foundation drainage to daylight. Possible?
4. Storm drainage as required.