KRA

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ARCHITECTURE

PROJECT: **Haida Gwaii Pharmacy Renovation Project**

DATE: April 16th, 2025
KRA project no.: 2024-025 **ADDENDUM NO.7**

This addendum is to be read with and constitutes part of the tender document.

Instructions:

1. Amend your copy of the tender/quotation/proposal in accordance with the details below.

Details of the Addendum:

Part 1 GENERAL

1.1 General

.1 This Addendum varies the Invitation to Tender Documents titled "HAIDA GWAII - HGH Pharmacy NAPRA Upgrade" dated March 5th, 2025.

.2 This Addendum shall form part of the Contract Documents and is to be read, interpreted and coordinated with all other parts. The cost of all work contained herein shall be included in the Contract sum. The following revisions supersede the information contained in the original specifications and drawings issued for the above-named project.

.3 This Addendum is eight (8) pages in total.

1.2 Modifications to the Tender Set – Electrical

Specifications

.1 Section 26 05 01 General Requirements Part 5. Qualifications of Tradesmen.
a) **REVISE** sentence 5.3 to "Electrical contractors qualified for bidding must have extensive experience in Acute care hospitals and must have successfully completed more than 10 healthcare projects with NHA in the past 5 years in the Northern Health region."

1.3 Modifications to the Tender Set – Architectural

Specifications

.1 Section 09 91 00 Painting Part 2.7 Interior Paint Systems – Refer to attached revised specification section.
a) **REVISE** MPI paint system for galvanized metal.
b) **REVISE** MPI paint system for plaster and gypsum board.

Attachments:
- Specifications Section 09 91 00 Painting (2025-04-16)

PART 1GENERAL

1.1 SECTION INCLUDES

.1 Surface preparation.

.2 Painting.

1.2 RELATED REQUIREMENTS

.1 Section 05 50 00 - Metal Fabrications: Shop primed items.

.2 Heating, Ventilation, and air-Conditioning (HVAC) - Mechanical Identification.

.3 Electrical - Electrical Identification.

1.3 REFERENCE STANDARDS

.1 MPI (Master Painters Institute) – Architectural Painting Specifications Manual and Maintenance Repainting Manual.

1.4 ADMINISTRATIVE REQUIREMENTS

.1 Section 01 31 00: Project management and coordination procedures.

.2 Coordination: Coordinate with other Work having a direct bearing on Work of this section.

.3 Scheduling:

.1 Schedule painting operations to prevent disruption of and by other trades.

.2 Schedule painting operations to prevent disruption of occupants in and about building.

1.5 ACTION SUBMITTALS

.1 Section 01 33 00: Submission procedures.

.2 Product Data:

.1 Submit Product data on all specified finishing products.

.3 Samples:

.1 Submit two (2) samples, 150mm in size illustrating selected colours and textures for each colour selected.

1.6 INFORMATIONAL SUBMITTALS

.1 Section 01 33 00: Submission procedures.

.2 Installation Data: Manufacturer's special installation requirements including special surface preparation procedures and substrate conditions requiring special attention.

1.7 CLOSEOUT SUBMITTALS

.1 Section 01 78 00: Submission procedures.

.2 Record Documentation: Upon completion, provide itemized list of products used including the following:

.1 Manufacturer's name.

.2 Product name, type and use.

.3 Colour coding number.

.4 Manufacturer's Material Safety Data Sheets (MSDS).

1.8 MAINTENANCE MATERIAL SUBMITTALS

.1 Section 01 78 23: Maintenance and extra material requirements.

.2 Extra Stock Materials: Provide properly packaged maintenance material as follows.

.1 Four 1 gal of each coating type and colour to Owner.

.2 Label each container with colour, type, texture and room locations in addition to manufacturer's label.

1.9 QUALITY ASSURANCE

.1 Manufacturer Qualifications: Company specializing in manufacturing the Products specified in this section with minimum five (5) years documented experience.

.2 Installer Qualifications: Company specializing in performing the work of this section with minimum 5 years documented experience.

.3 Conform to MPI Painting Manual requirements for materials, preparation and workmanship.

.4 Paint Products: Paint manufacturers and paint Products listed under the Approved Product List section of the MPI Painting Manual.

.5 Special Systems: Where special coating system applications are used, provide manufacturer's certification of all surfaces and conditions for specific paint or coating system application including inspection and approval of their system application at no additional cost to Owner.

1.10 DELIVERY, STORAGE, AND HANDLING

.1 Section 01 61 00: Transport, handle, store, and protect products.

.2 Deliver products to site in sealed and labeled containers showing manufacturer's name, type of paint, brand name, lot number, brand code, coverage, surface preparation, drying time, cleanup requirements, colour designation, and written instructions for mixing and reducing.

.3 Store paint materials at minimum ambient temperature of 7 degrees C and a maximum of 32 degrees C, in dry, ventilated area and as required by manufacturer's written instructions.

.4 Provide adequate fireproof storage lockers and warnings as required by authorities having jurisdiction for storing toxic and volatile/explosive/flammable materials.

1.11 SITE CONDITIONS

.1 Ambient Conditions:

.1 Do not perform painting or decorating Work when ambient air and substrate temperatures are below 10 degrees C for both interior and exterior work, or as required by paint product manufacturer.

.2 Do not perform painting or decorating Work when relative humidity is above 85% or when dew point is less than 3 degrees C variance between the air/surface temperature required by paint Product manufacturer.

.3 Do not perform painting and decorating Work when maximum moisture content of substrate exceeds:

.1 Wood: 15%.

.2 Plaster and Gypsum Wallboard: 12 %.

.3 Masonry, Concrete, and Concrete Unit Masonry: 12%.

.4 Concrete Floors: 8%.

.4 Conduct moisture tests using a properly calibrated electronic Moisture Meter, except test concrete floors for moisture using a simple cover patch test.

.5 Test concrete, masonry and plaster surfaces for alkalinity as required.

.6 Provide minimum lighting level of 323 lux is provided on surfaces to be painted or decorated.

1.12 WASTE MANAGEMENT AND DISPOSAL

.1 Dispose of waste materials in accordance with Local authorities having jurisdiction.

.2 Where paint recycling is available, collect waste paint by type and provide for delivery to recycling or collection facility.

.3 Place non-reusable materials defined as hazardous or toxic waste, including used sealant and adhesive tubes and containers, in containers or areas designated for hazardous waste.

.4 To reduce contaminants entering waterways, sanitary/storm drain systems or into the ground, adhere to the following procedures:

.1 Retain cleaning water for water-based materials to allow sediments to be filtered out. In no case shall equipment be cleaned using free draining water.

.2 Retain cleaners, thinners, solvents and excess paint and place in designated containers and ensure proper disposal.

.3 Return solvent and oil soaked rags used during painting operations for contaminant recovery, proper disposal, or appropriate cleaning and laundering.

.4 Dispose of contaminants in an approved legal manner in accordance with hazardous waste regulations.

.5 Dry out empty paint cans prior to disposal or recycling.

.6 Close and seal tightly partly used cans of materials including sealant and adhesive containers and store protected in well ventilated fire-safe area at moderate temperature.

.5 Set aside and protect surplus and uncontaminated finish materials and deliver or arrange collection for verifiable re-use or re-manufacturing.

1.13 WARRANTY

.1 Provide local MPI Accredited Quality Assurance Association two year guarantee warranting that Work has been performed in accordance with MPI Painting Manual.

PART 2PRODUCTS

2.1 DESCRIPTION

.1 Regulatory Requirements:

.1 Conform to applicable code for flame and smoke rating requirements for finishes, storage, mixing, application and disposal of paint and related waste materials.

2.2 MATERIALS

.1 Use only materials (primers, paints, coatings, varnishes, stains, lacquers, fillers) listed in the latest edition of the MPI Approved Product List (APL) on this project.

.2 Ancillary materials such as linseed oil, shellac, thinners, solvents to be of highest quality product and provided by an MPI listed manufacturer, and compatible with paint materials being used.

.3 Where required, use only materials having a minimum MPI "Environmentally Friendly" E3 rating based on VOC (EPA Method 24) content levels.

.4 Where indoor air quality (odour) is an issue, use only MPI listed materials having a minimum E3 rating.

.5 Where possible, all materials to be lead and mercury free with low VOC content.

.6 Provide all material for each system from a single manufacturer.

.7 Fire Hazard: Flame spread and smoke developed ratings in accordance with applicable code.

.8 Patching Materials: Latex filler.

.9 Fastener Head Cover Materials: Latex filler.

2.3 MIXING AND TINTING

.1 Coatings: Ready-mixed and pre-tinted; re-mix all paint in containers prior to and during application to ensure break-up of lumps, complete dispersion of settled pigment, and colour and gloss uniformity.

.2 Paste, Powder or Catalyzed Paint: Mixed in accordance with manufacturer's written instructions.

.3 Accessory Materials: Linseed oil, shellac, turpentine, paint thinners and other materials not specifically indicated but required to achieve the finishes specified, of commercial quality.

.1 Do not exceed paint manufacturer's recommendations for addition of thinner. Do not use kerosene or any such organic solvents to thin water-based paints.

.2 Thin paint for spraying in accordance with paint manufacturer's instructions.

2.4 FINISH AND COLOUR

.1 Finish: To MPI Premium Grade finish requirements.

.2 Colours and Finishes: Refer to Finish Schedule on Drawings.

2.5 GLOSS/SHEEN RATINGS

.1 Paint gloss is defined as the sheen rating of applied paint with the following values:

.2

Gloss Level	Description	Gloss @ 60 degrees	Sheen @ 85 degrees
G1	Matte Finish (flat)	0 to 5	10 max.
G2	Velvet-Like Finish	0 to 10	10 to 35
G3	Eggshell Finish	10 to 25	10 to 35
G4	Satin-Like Finish	20 to 35	35 min.
G5	Traditional Semi-Gloss Finish	35 to 70	……
G6	Traditional Gloss	70 to 85	……
G7	High Gloss Finish	More than 85	……

.3 Gloss level ratings of painted surfaces as specified.

2.6 MANUFACTURERS

.1 The following articles are for descriptive/proprietary specifying, listing one (1) or more manufacturers. If specifying to MPI (Approved Products List) or by reference to a standard only, delete this article.

.2 Paint Manufacturers:

.1 Benjamin Moore & Co. Ltd.,.

.2 PPG Architectural Coatings, Dulux Paints.

.3 Sherwin-Williams of Canada Ltd.

.4 Pittsburgh Paints .

.5 Para Paints, Sico Inc.

.6 Cloverdale Paint Inc.

.7 Pratt & Lambert, Sherwin-Williams

.8 Substitutions: Refer to Section 01 25 00.

2.7 INTERIOR PAINT SYSTEMS

.1 Paint interior surfaces in accordance with the following MPI Painting Manual requirements.

.2 Structural Steel and Metal Fabrications: (columns, beams, joists, etc.).

.1 INT 5.1S: Institutional low odor/low VOC, G4 finish.

.3 Galvanized Metal: (doors, frames, railings, misc. steel, pipes, overhead decking, ducts, etc.).

.1 INT 5.3K: Water-based, light industrial coating over water-based primer, G5 finish.

.4 Metal Mechanical and Electrical Cabinets, Sprinkler Pipes and Conduit:

.1 INT 5.3K: Water-based, light industrial coating over water-based primer.

.2 Covered and insulated pipes and ducts: three coats; one coat PVA sealer, two coats enamel semi-gloss.

.3 Other Items: One coat red oxide primer; use galvanized primer where applicable. Two coats enamel semi gloss in accordance with INT. 5.1E or INT. 5.3C alkyd.

.4 Match room colour in which piping or ductwork is exposed, unless otherwise directed or scheduled.

.5 Plaster and Gypsum Board: (gypsum wallboard and textured finishes).

.1 INT 9.2N: Epoxy high build (over latex sealer), high gloss finish.

.1 On ceilings of Compounding Room, Anteroom, Staging area and HD Storage room.

.2 INT 5.3M: High performance architectural latex, G5 finish.

.1 On ceiling and walls in remaining areas.

PART 3EXECUTION

3.1 EXAMINATION

.1 Section 01 73 29: Verify existing conditions before starting work.

.2 Verify that substrate conditions are ready to receive work as instructed by the product manufacturer.

.3 Examine surfaces scheduled to be finished prior to commencement of work. Report any condition that may potentially affect proper application.

.4 Test shop applied primer for compatibility with subsequent cover materials.

.1 Apply paint finish in areas where dust is no longer being generated by related construction operations or when wind or ventilation conditions are such that airborne particles will not affect quality of finished surface.

.2 Apply paint to adequately prepared surfaces and to surfaces within moisture limits.

.3 Apply paint when previous coat of paint is dry or adequately cured.

3.2 PREPARATION

.1 Prepare surfaces in accordance with MPI requirements.

.2 Remove and store or mask miscellaneous hardware and surface fittings such as electrical plates, hardware, light fixture trim, escutcheons, and fittings prior to painting. Clean and replace upon completion of painting Work in each area. Remove doors before painting to paint bottom and top edges and re-hang.

.3 Protect adjacent surfaces and areas, including rating and instruction labels on doors, frames,

equipment, piping, from painting operations with drop cloths, shields, masking, templates, or other suitable protective means.

.4 Correct defects and clean surfaces which affect work of this section. Start of finish painting of defective surfaces indicates acceptance of substrate and making good defects will be at no cost to Owner.

.5 Confirm preparation and primer used with fabricator of steel items.

.6 Seal with shellac and seal marks which may bleed through surface finishes.

.7 Impervious Surfaces: Remove mildew by scrubbing with solution of tri-sodium phosphate and bleach. Rinse with clean water and allow surface to dry.

.8 Aluminum Surfaces Scheduled for Paint Finish: Remove surface contamination by steam or high pressure water. Remove oxidation with acid etch and solvent washing. Apply etching primer immediately following cleaning.

.9 Gypsum Board Surfaces: Fill minor defects with filler compound. Spot prime defects after repair.

.10 Galvanized Surfaces: Remove surface contamination and oils and wash with solvent. Apply coat of etching primer.

.11 Plaster Surfaces: Fill hairline cracks, small holes, and imperfections with latex patching plaster. Make smooth and flush with adjacent surfaces. Wash and neutralize high alkali surfaces.

.12 Uncoated Steel and Iron Surfaces: Remove grease, mill scale, weld splatter, dirt, and rust. Where heavy coatings of scale are evident, remove by power tool wire brushing or sandblasting; clean by washing with solvent. Apply a treatment of phosphoric acid solution, ensuring weld joints, bolts, and nuts are similarly cleaned. Spot prime paint after repairs.

.13 Shop Primed Steel Surfaces: Sand and scrape to remove loose primer and rust. Feather edges to make touch-up patches inconspicuous. Clean surfaces with solvent. Prime bare steel surfaces. Prime metal items including shop primed items.

.14 Interior Wood Items Scheduled to Receive Paint Finish: Wipe off dust and grit prior to priming. Seal knots, pitch streaks, and sappy sections with sealer. Fill nail holes and cracks after primer has dried; sand between coats.

.15 Wood and Metal Doors Scheduled for Painting: Seal top and bottom edges with primer.

3.3 APPLICATION

.1 Apply paint or stain in accordance with MPI Painting Manual Premium Grade finish requirements.

.2 Apply products to adequately prepared surfaces, within moisture limits and acceptable environmental conditions.

.3 Apply paint finish in areas where dust is no longer being generated or when wind or ventilation conditions will not affect quality of finished surface.

.4 Apply each coat to uniform finish.

.5 Tint each coat of paint progressively lighter to enable confirmation of number of coats.

.6 Unless otherwise approved, apply a minimum of four (4) coats of paint where deep or bright colours are used to achieve satisfactory results.

.7 Sand and dust between each coat to provide an anchor for next coat and to remove defects visible from a distance up to 1000 mm.

.8 Vacuum clean surfaces free of loose particles. Use tack cloth just prior to applying next coat.

.9 Allow applied coat to dry before next coat is applied.

.10 Continue paint finish behind wall-mounted items such as washroom accessories.

.11 Prime concealed surfaces of interior woodwork with primer paint.

3.4 FINISHING MECHANICAL AND ELECTRICAL EQUIPMENT

.1 Refer to Mechanical and Electrical for schedule of colour coding and identification banding of equipment, duct work, piping, and conduit.

.2 Unless otherwise specified, paint all unfinished conduits, piping, hangers, ductwork and other mechanical and electrical equipment with colour and texture to match adjacent surfaces in the following areas:

.1 Exposed-to-view exterior and interior areas.

.2 High humidity interior areas.

.3 Boiler room, mechanical and electrical rooms.

.3 In unfinished areas leave exposed conduits, piping, hangers, ductwork and other mechanical and electrical equipment in original finish; touch up scratches and marks.

.4 Touch up scratches and marks on factory painted finishes and equipment with paint as supplied by manufacturer of equipment.

.5 Do not paint over nameplates.

.6 Paint inside of ductwork , where visible behind louvers, grilles and diffusers for a minimum of 460 mm or beyond sight line, whichever is greater, with primer and one (1) coat of matt black (non-reflecting) paint.

.7 Paint the inside of light valances gloss white.

.8 Paint disconnect switches for fire alarm system and exit light systems in red enamel.

.9 Paint red or band all fire protection piping and sprinkler lines in accordance with mechanical specification requirements. Keep sprinkler heads free of paint.

.10 Paint yellow or band all natural gas piping in accordance with mechanical specification requirements.

.11 Backprime and paint face and edges of plywood service panels for telephone and electrical equipment before installation to match adjacent wall surface. Leave equipment in original finish except for touch-up as required, and paint conduits, mounting accessories and other unfinished items.

.12 Reinstall electrical cover plates, hardware, light fixture trim, escutcheons, and fittings that were removed prior to finishing.

3.5 FIELD QUALITY CONTROL

.1 Section 01 45 00: Field inspection.

.2 Acceptable Surfaces:

.1 No visible defects are evident on vertical surfaces when viewed at normal viewing angles from a distance of not less than 1000 mm.

.2 No visible defects are evident on horizontal surfaces when viewed at normal viewing angles from a distance of not less than 1000 mm.

.3 No visible defects are evident on ceiling, soffit and other overhead surfaces when viewed at normal viewing angles.

.4 Uniformity of colour, sheen, texture, and hiding across full surface area.

3.6 CLEANING

.1 Section 01 74 10: Cleaning installed work.

.2 Collect waste material which may constitute a fire hazard, place in closed metal containers and remove daily from site.

End of Section