Solicitation No. EQ715-221099/A – 003

Port Weller Search and Rescue Station Project
St. Catharines, Ontario

QUESTIONS AND ANSWERS

Q1: Can architect confirm millwork on this dwg/sheet are indeed a Plastic Laminate Finish on all exposed surfaces?
References:
Arch Dwg#A346
Note in right hand upper corner says 'Plastic Laminate Finish on all exposed surfaces typ.' But Section details 2,3&4 specs Wood Veneer (White Ash) finish on exterior of cabinet doors.
A1: Millwork at Room 116 Laundry to be plastic laminate (drawing sheet A346). Refer to Interior Finish Legend on drawing A023.

Q2: Can architect clarify which material we are to use for interiors of lockers?
References:
Arch Dwg#A347
Note on Elevation 1 for the (10) millwork lockers says 'WOOD VENEER FINISH ON ALL SURFACES (EXTERIOR AND INTERIOR) OF 19mm PLYWOOD DOORS, TYP.' But Note on Section 2 specs P.Lam on all interior surfaces unless otherwise noted.
A2: Exterior and interior side of locker door to be wood veneer finish as noted on 2/A347. All other interior surfaces of locker to be plastic laminate as noted on 2/A347.

Q3: Can architect clarify if he wants two almost identical hardwoods to be used on this project, White Oak and White Ash, can architect pick one or the other to simplify the project?
References:
Section 06 40 01 Architectural Woodwork
Pg#3
2.1 Materials
Exposed hardwood: to AWMAC/WI NAAWS, Section 3: kiln dried wood, moisture content 6-12%, premium grade, White Oak, unless otherwise indicated.
And Arch Dwg A023:

WB - Wood Wall Base (Reproduction wooden wall base to match existing)	Colour: Tinted stain on White Oak to match colour of ex. wall base at historic building
	Dimension: Refer to detail on A603

WV - Wood Veneer (Ready Room, Kitchen, Washrooms)	Clear stain on White ash
PLAM1 - Plastic Laminate (Counters - All)	Dark Grey with Light Grey detail
PLAM2 - Plastic Laminate (Bedroom Closet Doors)	White laminate
PLAM3 - Plastic Laminate (Laundry Room)	White laminate

A3: White Oak to be used on this project; and to replace White Ash where noted on documents.

Q4: Are we on our own to pick our White, and Dark Grey with light grey wisps, laminates on this project, meaning a laminate manufacturer and colour/product code and surface texture(matt/suede)of our choosing?
References:
Arch Dwg A023:

WV - Wood Veneer (Ready Room, Kitchen, Washrooms)	Clear stain on White ash
PLAM1 - Plastic Laminate (Counters - All)	Dark Grey with Light Grey detail
PLAM2 - Plastic Laminate (Bedroom Closet Doors)	White laminate
PLAM3 - Plastic Laminate (Laundry Room)	White laminate

A4: Laminate products must meet all minimum performance criteria noted in contract documents. Laminate grades must meet required use (ie. horizontal or vertical surfaces, post form countertops and dimension of radiused edges). All plastic laminates to be matte finish. Samples to be provided to Departmental Representative for review and approval prior to commencement of work. Per AWMAC/WI NAAWS Section 4, veneer core panels recommended to be used only when they can be housed or in areas where warping is not a significant issue.

Q5: Can architect confirm that a veneer core plywood substrate is to be used for countertops with sinks only. As it cannot be used for cabinet door/drawer fronts because it warps and cannot be warrantied, can architect confirm that P.Lam on cabinets can have standard industrial particleboard cores? Is a matching colour in a 3mm PVC for cabinet edging acceptable? Where cabinets have a White Ash Veneer finish, pls confirm cores are standard industrial particleboard, and edging will be a 3mm White Ash?
References:
Section 06 40 01 Architectural Woodwork,
Pg#3
2.1 Materials
.7 Plastic laminate panel core: to AWMAC/WI NAAWS Section 4.
.1 Veneer core: veneer core plywood, urea formaldehyde free, to AWMAC/WI NAAWS, in sizes, thickness and shapes as indicated.
A5: Per recommendations of the *Architectural Woodwork Standards*:
At countertops with sinks and backsplash return, veneer core plywood with Type II adhesive, industrial-grade particleboard or fiberboard with a 24-hour thickness swell factor of 5.5% or less is required for use. Use moisture resistant materials.

- Industrial grade particleboard cores can be used for plastic laminate on cabinets. Moisture resistant particleboard to be used for millwork at washroom sink counters/cabinet and kitchen counter island with sink.
- Matching colour, pattern, texture in a 3mm PVC for cabinet edging is acceptable provided that match with laminate is exact/very close. PVC edge banding thicker than 1mm must be radiused on edges and corners.
- Particle core plywood to be used with outer wood veneers. A 3mm White Oak edging is acceptable provided that match with White Oak wood veneer is exact/very close.

Also refer to Q&A 3 for White Oak to replace White Ash where noted on documents.

Q6: Item#3 specs a recessed pull, while Arch Dwgs#A344-348 clearly show an cantilevered 'D' pull, can architect pls review and advise on pull style?
References:
Section 06 40 01 Architectural Woodwork
Pg#4
2.2 Hardware
.3 Recessed pull: to ANSI/BHMA-A156.9, type B02201, in shape as approved by the Departmental Representative.
A6: Pull style to be t-bar pull handle, as shown on Architectural drawings A344-348, except recessed pull for bedroom sliding closet doors (A347).

Q7: Can architect confirm only the (10) Millwork lockers 1/A347 get cabinet locks (Item#6)?
References:
Section 06 40 01 Architectural Woodwork
Pg#4
2.2 Hardware
.6 Cam locks: to ANSI/BHMA-A156.11, key removable in locked and unlocked

A7: Cabinet locks required at 10 millwork lockers and sliding closet doors at each of the bedrooms, as shown on A347.

Q8: Can architect clarify where grommets (Item#11) are used on this project?
References:
Section 06 40 01 Architectural Woodwork
Pg#4
2.2 Hardware
.11 Cord grommet: friction fit, PVC grommet and cap, 75 mm diameter, colour as approved by the Departmental Representative.
A8: No grommets required.

Q9: Can architect clarify where coat hooks (Item#7) are used on this project?
References:
Section 06 40 01 Architectural Woodwork
Pg#4
2.2 Hardware
.7 Coat hooks: to ANSI/BHMA-A156.16, type L13111.
A9: No coat hooks required on any millwork. Refer to Architectural interior elevation drawings and specifications section 10 28 10 for coat hooks required at wall of all bedrooms and all washrooms (referred to as 'robe hooks' on the documents).

Q10: Can architect prepare a proper millwork hardware schedule, these ANSI/BHMA designations mean nothing to us millworkers, pls provide hardware manufacturer name (i.e. Richelieu of Hafele), product code and finish for all millwork hardware, or give us an allowance budget to carry for each hardware item for your selection after tender?
A10: In accordance with PSPC tender policies, proprietary information (ie. manufacturer name) is not permitted on the contract documents, only performance criteria requirements (thus the ANSI/BHMA standards and accreditation are included). Allowances are not permitted.

Q11: Except at the (10) Millwork lockers 1/A347, no other cabinets are drawn with locks, do we S&I locks as per spec above for each cabinet door/drawer?
References:
Section 06 40 01 Architectural Woodwork
Pg#5&6:
3.2 HARDWARE SCHEDULE
.1 Swinging doors:
.1 1 pair cabinet hinges.
.2 1 cabinet pull.
.3 1 magnetic catch.
.4 1 door lock.
.2 Drawers:
.1 1 drawer slide set.
.2 1 cabinet pull.
.3 1 drawer lock.
A11: Locks required at 10 millwork lockers and sliding closet doors at each of the bedrooms, as shown on A347.

Q12: Can architect clarify where item#.4 Pivot sliding cabinet door hardware is used on this project?
References:
Section 06 40 01 Architectural Woodwork
Pg#5&6:
3.2 HARDWARE SCHEDULE
.4 Pivot sliding cabinet door:
.1 3 pair cabinet hinges.
.2 2 cabinet pull.
.3 Two-wheeled trolley
.4 Steel jambs.
.5 Aluminum header.
.6 Top track.
.7 Bottom and upright guides.
.8 Stop damper
.9 Cover plates.
.10 Self-closing system
A12: Cabinet for two stacked washer/dryer in Laundry/Mudroom.

Q13: Are there any sub contractors that currently have systems in place at the facility that we required to use for this project. For example, Sprinkler, Fire Alarm, Fire Protection, Controls, Communications, Security?
A13: No, there are no existing sub contractors in place that you are required to use for this project.

Q14: Can you confirm the manufacturer specified for the aluminum composite panels. And, may I submit AL13 Architectural Panel Systems? Names and addresses of 2 projects with our aluminum composite panels.
References:
Spec Section 07 42 43 – Composite Wall Panels
A14: In accordance with PSPC tender policies, proprietary information (ie. manufacturer name) is not permitted on the contract documents, only performance criteria requirements. Products must meet specifications.

Q15: Please advise scale of electrical site plan if we are to include this in the tender.
A15: The scale is 1:400.

Q16: Are we to included telephone / data system or rough-in only?
A16: Per contract documents, contractor to provide voice and data outlets and conduits, cable tray, and Cat 6 cables to each wireless access point. Refer to Electrical drawings and specifications for details.

Q17: Are we to included audio/video system or rough-in only?
A17: Per contract documents, contractor to provide audio/video outlets, coaxial cables, conduits and cable tray. Refer to Electrical drawings and specifications for details.

Q18: There is a backlog of steel joists across Canada. Current joist delivery for joist orders placed now is August/Sept. 2022 and beyond. Can we ask the consultant for an alternate framing plan or if he/she can accept steel beams in lieu of steel joists?

A18: Given that the project steel joist work will not be implemented within the next few months, it would not be prudent to anticipate the availability of the joists until the shop drawing stage. As such the design will stay as is and if the situation persists, an alternate design might be considered. Bid as per drawings and specification.