PART 1 GENERAL

1.01   SUMMARY OF WORK

A.   The extent and location of "Port of Seattle Color Code Requirement" Work is shown in the Contract Documents. Section includes: Products and requirements for color coding cables for the Port of Seattle's Communications Infrastructure.

1.02   HORIZONTAL CABLE COLOR CODE SYSTEM

A.   The color code system for fixed cable plant, 4-pair horizontal cables shall be per Table 17190B-1.

TABLE 17190B-1

TC/IC TERMINATION TYPE	CABLE TYPE	CABLE COLOR	OUTLET TYPE	OUTLET COLOR	GENERAL USAGE	USE FOR NEW CONSTRUCTION
RJ45 Patch Panel	Category 6	Red	RJ45	Red	Data/ Universal	Yes

1.03   COPPER AND FIBER JUMPER CORD COLOR CODE SYSTEM

A.   The jacket color for copper and fiber jumper cords shall be per Table 17190B-2.

TABLE 17190B-2

CABLE TYPE	CABLE JACKET COLOR
Singlemode Fiber	Yellow
Multimode Fiber	Orange
Multimode Fiber (used for DDC support system)	Gray with Brown marker tape
Cat 5 and 5e	Blue
Category 6	Red
Category 6a	Orange
Category 7	Lilac
Coax / RF (1/2" diameter or greater)	Black jacket with Green marker tape*

Coax / RF (1/2" diameter or less)	White jacket with Green marker tape*
Coax / CATV	Black jacket with White marker tape*
Coax / CCTV	Black jacket
Coax / Wireless Systems (1/2" & 7/8" hardline plenum)	Blue jacket
Coax / Wireless Systems (1/2" & 7/8" hardline non-plenum)	Black jacket
Reserved	Gray
Reserved	Green
Special purpose	Sable (Brown)

*Marker Tape Color. Black marker tape shall not be used to identify jumper cable purpose. Apply black marker tape as a background "color" when using a system identification marker tape of the same color as the jumper cable. Marker tape color shall be per Table 17190B-3.

TABLE 17190B-3

SYSTEM TYPE	SYSTEM	MARKER TAPE COLOR
None	None	Black (use for background contrast only)
Passenger information systems	Electronic information video display, voice messaging system	Blue
Support systems	Master clock, network management system, supervisory control and data acquisition, building management system	Brown
Airline operational systems	Common use terminal equipment, gate management, baggage reconciliation. Also, OPSLAN fiber jumpers.	Green
Port of Seattle corporate airport systems	Information Technology local area network, maintenance local area network	Gray
Passenger service systems	Common use self service	Orange

Critical systems	To be determined	Red
Wireless access points	All	Violet
Voice systems	Telephone, paging, intercom	White
Tenant-owned systems	All	Yellow

1.04   COMMUNICATIONS INNERDUCT COLOR CODE SYSTEM

A.   The communications innerduct color shall be per Table 17190B-4.

TABLE 17190B-4

INNERDUCT TYPE	INNERDUCT COLOR
Plenum	White
Riser	Orange
General purpose	Orange
Outdoor	Orange

1.05   COMMUNICATIONS CONDUIT COLOR CODE SYSTEM

A.   POS has standardized on the following conduit color codes for communications systems. The color shall be applied with a clearly visible ring of paint on both ends of the conduit, in addition to the conduit connectors. The paint ring shall be 1" width, marked with oil-based primer and oil based paint.

SYSTEMS	COLOR	FEDERAL STANDARD NO. 595A COLOR CODE
Tel/Data	Orange	32473
Security/Intercom /Access Control	Pink	31638
CATV	White	37886
CCTV	Green	34138
Paging	Brown	30140

Controls	Black	37038

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

PART 4 MEASUREMENT & PAYMENT - NOT USED

<table>
<tr><td align="center">End of Section</td></tr>
<tr><td>Revision History:</td></tr>
<tr><td>05/01/2014 Conversion to 2004 CSI Numbering System</td></tr>
<tr><td>10/15/2014 Added Sole Source and Salient Characteristics Note to Part 2 and revisions</td></tr>
<tr><td>02/07/2017 Added START review comments</td></tr>
<tr><td>01/01/2022 Removed references to 110 Block</td></tr>
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