## SECTION 17600 – PROVISIONAL

## PANELS, CONSOLES AND APPURTENANCES

***Provisional Specification Summary:***

*1.1 – Replace this section with the section shown below.*
*2.1.01- Delete this subsection (Not Applicable).*
*2.1.03- Delete this subsection (Not Applicable).*
*2.1.11- Delete this subsection (Not Applicable).*
*2.2- Delete this section and all its subsections (Not Applicable).*
*2.3 - Delete this section and all its subsections (Not Applicable).*
*2.4 - Replace this section with new section and subsection as shown below.*
*2.5 - Delete this section (Not Applicable).*
*2.6 - Delete this section and all its subsections (Not Applicable).*
*2.7 - Delete this section and all its subsections (Not Applicable).*
*3.1.01- Delete this subsection (Not Applicable).*
*3.1.03- Delete this subsection (Not Applicable).*
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***(Update text as shown.)***

1.1 SCOPE. This section covers furnishing Instrument Terminal Boxes (ITB's) as indicated on the drawings and as specified below.

2.1.01 Piping. **Delete – Not Applicable.**

2.1.03 Valves. **Delete – Not Applicable.**

2.2.11 Factory Test. **Delete – Not Applicable.**

2.2 FREESTANDING VERTICAL PANELS. **Delete this section and all its subsections. Not Applicable.**

2.3 FILTER CONSOLES. **Delete this section and all its subsections. Not Applicable.**

2.4 INSTRUMENT TERMINAL BOXES (ITB's). ITB's, which contain the components indicated on the drawings, shall be NEMA 12 enclosures, suitable for wall mounting. The enclosures shall be fabricated from USS 14 gage (1.9 mm) thick, or heavier, Type 316 stainless steel. Cabinets shall be equipped with full size gasketed doors with hinges and a Type 316 stainless steel three-point latch.

*Provisional Specifications—which are issued separately from the Master Specifications on a per contract basis—shall supersede and govern over all other specifications or contract documents. All other wording in the Master Specifications that is not specifically stated to be modified in the Provisional Specifications shall remain in effect as is. The Provisional Specification Summary is included to clarify and/or highlight changes.*

2.4.01 Uninterruptible Power Supplies. Each ITB shall be furnished with a DIN-rail mounted uninterruptible power supply (UPS).

- Capacity: 500VA/300W
- Input Voltage: 120 VAC, 1 phase
- Output Voltage: 120 VAC +/- 5%, I phase
- Frequency (on battery): 60 Hz +/- 0.3 Hz
- Overload Protection: UPS shutdown if overload exceeds 105% of nominal for 20 seconds; 120% for 10 seconds, 130% for 3 seconds
- Short Circuit: Immediate cut off
- Battery Type: Sealed maintenance free lead acid
- Battery Transfer time: 4-6 ms
- Battery Backup Time at Full Load: 4 minutes
- 90% Recharge Time: 8 hours after full load discharge
- Mounting: DIN TS35/7.5 or TS35/15

The UPS shall be Model SDU 500 by Sola/HeviDuty or equal.

2.5 WALL MOUNTED INSTRUMENT SUBPANELS. **Delete – Not Applicable.**

2.6 CONTROL SYSTEM CONSOLES AND ENCLOSURES. **Delete this section and all its subsections. Not Applicable.**

2.7 CONTROL SYSTEM FURNITURE. **Delete this section and all its subsections. Not Applicable.**

3.1.01 Piping. **Delete – Not Applicable.**

3.1.03 More than One Panel. **Delete – Not Applicable.**

End of Provisional Section