

The following materials are Subcontractor supplied
SUBCONTRACTOR TO ESTABLISH QUANTITIES.
SUBSTITUTE MANUFACTURERS WILL NOT BE ACCEPTED.

Item	Description	Manufacturer	Qty	Unit	Tag Number
1	Circuit Breaker 20A, 1Pole, 120VAC , w/ 30mA Ground Fault Protection. #QO120EPD	Square D QO120EPD	AR	EA	
2	Circuit Breaker 30A, 1Pole, 120VAC , w/ 30mA Ground Fault Protection. #QO130EPD	Square D QO130EPD	AR	EA	
3	Red Light for Heat trace power connection Kit		AR	EA	
4	MON-TBOX / ACAMS Computer Interface Cable Plug w/ strain relief	Amphenol PT06SE-12-10P(SR)135	AR	EA	
5	MON-TBOX / ACAMS Computer Interface Cable Socket w/ strain relief	Amphenol PT02SE-12-10S	AR	EA	
6	Wire, Power, #10AWG		AR	LF	
7	Cable, 10/C, #22AWG	Belden 8456	AR	LF	
8	Conduit, Rigid steel Hot Dipped galvanized		AR	LF	
9	Tubing Fittings, 1/4"	Swagelok SS	AR	EA	
10	1/4"ODx0.049" wall 316 SS seamless tube. Cleaned to ASTM G-93, level C, bagged with ends capped.		AR	Feet	
11	Instrument angle, slotted, Galvanized, 2" x 2"		AR	LF	
12					

Note: This Bill of Material is NOT all inclusive. Subcontractor to perform detailed material takeoff to complete the installation as described in this SOW prior to installation.

Appendix C

Material List

The following material is supplied by URS

Item	Description	Manufacturer	Qty	Unit	Tag Number
1	Heat Traced insulated bundle; (3) 1/2" ODx0.030" PFA Teflon Tubes, 120VAC, 20 w/ft self-regulating fluoropolymer jacket heater cable, Aluminum stabilizing plate, fibrous glass insulation, approx. 1.9"max x 1.6" OD UV resistant polyurethane outer jacket	O'Brien TPE3UZG4Z20-3705	750	Feet	
2	Heat trace power connection Kit	Nelson PCT-PC-J3	6	EA	
3	Heat shrink Boot, 3 tube	O'Brien TPKHSA3	20	EA	
4	Heater cable power end seal termination Kits	Nelson LT-MP	4	EA	
5	Heater cable end seal Kits	Nelson LT-ME	4	EA	
6	Heat Shrink End Cap, 2 inch ID	Cable Organizer HSEC200 or Equal	50	EA	
7	Reducing Coupling, 3" x 2", 300#, MI, A197, screwed	NA	6	EA	
8	Pipe Nipple, 2", S/80, A106 Gr. B , 0'-6" lg. TBE	NA	6	EA	
9	Pipe Cap, 2", 300#, MI, A197, screwed	NA	6	EA	
10	3M Fire Barrier 2001 Silicone Sealant RTV Foam, 7 oz.	3M	24	EA	

(INSTALLERS TO VERIFY QUANTITIES AND ADJUST AS REQUIRED)