Siemens Scope of Work – To be shared on WSU Web Site & Used For Reference

WSU Engineering NANO Lab - Project Number: 090-248124

Scope of work includes base bid drawings dated 2/9/15.

1. The electrical installation required for the DDC control is provided by others.
2. Areas impacted are the NANO Lab and PXCM panel 30 Mech Room.
3. Siemens to provide the following Lab Terminal Units: (1) Supply Terminal Unit (Galvanized), (1) Exhaust Terminal Unit (Galvanized) and (1) Fume Hood Exhaust Terminal Unit (Stainless Steel).
4. Siemens to provide DDC equipment needed to control / monitor the NANO Lab incorporating the following components: Supply, Exhaust and Fume Hood Exhaust Terminal Units, Fan Coil Unit, Eye Wash Station, Condensate Level and Exhaust Fan.
5. All supply and exhaust Terminal Units to be Blade Style.
6. Siemens to provide TEC controllers, sensors, relays, valves, transformers, cables required to operate the (3) Terminal Units and the (1) Fan Coil Unit.
7. Siemens to provide (1) Sash Sensor, and (1) Fume Hood Monitor.
8. Siemens to provide (1) Start/Stop and (1) status relay for Exhaust Fan # 38.
10. Siemens to monitor (1) High Condensate Level Alarm Contact.
11. Existing PXCM 30 will be programmed to include and control new FLN devices.
12. Siemens to provide labor and materials to demo existing pneumatic controls within existing NANO lab.
13. Siemens to provide graphics related to new equipment added to building including floor plans matching WSU standards. WSU to provide ACAD Floor files to be used.
14. Siemens to provide required project management, engineering, fitter and specialist labor for temperature controls scope of work.
15. Includes parking fees for duration of this project.
16. Includes (4) hours of user training and (4) hours of customer assist commissioning.
17. This proposal follows WSU/ SIEMENS Preferred Vendor Agreement.
18. All work based on normal working hours between 7:00 – 3:30.

Exclusions/Clarifications

1. Siemens is NOT responsible for the electrical installation relating to the DDC temperature control portion of this project.
2. Siemens Supply & Exhaust Terminal Units once approved are special ordered and require 10-12 weeks for delivery.
3. No temperature control dampers included within this proposal.
4. Fire Alarm interconnects and testing between systems NOT included within this proposal.
5. Eye Wash Flow Switches to be provided by unit manufacture.
6. Fan Coil Unit High Condensate Water Alarm Contacts to be provided by manufacture.
7. Proposal does not include any Formal commissioning agent acceptance or requirement to be done by owner or AE Firm.
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8. Air Balancer Support not included.
9. Fume Hood Certification not included within this proposal.
10. No performance bond considered on this proposal.
11. Based on Certified Payroll and Prevailing Wages.

Proposal accepted by:

Proposal submitted by:
Tim Pettovello
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P.O.#________________________
Customer purchase order included as an attachment to this