



South Jersey Technology Partnership

801 W. Preston Avenue
Somerdale, NJ

Proposal

04/07/15

Proposal

Job# 618 to 618

TRITON HS FIRE ALARM
250 SCHUBERT AVE
RUNNEMEDE NJ 08078

To:

Blackhorse Board Of Education

580 Erial Rd
Blackwood

NJ 08012

Proposal No. MB-15-618-Q

Prepared by: 34

SCOPE OF WORK

WE PROPOSE TO PROVIDE THE FOLLOWING MATERIALS & LABOR FOR THE TRITON HIGH SCHOOL FIRE ALARM:

INSTALL NEW FIRE ALARM CABLING IN CONCEALED CEILINGS, CONDUIT WILL BE USED IN EXPOSED AREAS AND SURFACE RACEWAY ON THE WALLS. CARE WILL BE TAKEN WHEN DRILLING THROUGH WALLS, FIRE CAULK WILL BE INSTALLED. NEW CEILING TILES WILL BE INSTALLED AT THE LOCATIONS OF THE NEW DEVICES. WE SHALL REMOVE THE OLD FIRE ALARM SYSTEM, ALL DEVICES AND WIRE TO THE FULLEST EXTENT THAT CAN BE DONE. ANY PIPE WILL REMAIN. BOTH SYSTEMS WILL BE OPERATIONAL AT THE SAME TIME WITH COMMUNICATION BETWEEN THEM SO THAT IF ONE PANEL GOES OFF SO WILL THE OTHER. BEAM DETECTORS WILL BE INSTALLED ABOVE THE AUDITORIUM CEILING FOR MAINTENANCE ISSUES INSTEAD OF SPOT DETECTORS.

LABOR AND MATERIALS

723,480.50

BOND

8,250.00

ALLOWANCE

30,000.00

MATERIALS

Head End:

1. One (1) Notifier Model CPU2-3030A with the following components:
 - ? One (1) CHS-M3 Mount
 - ? One (1) BP2-4 Battery Plate
 - ? One (1) 24-Amp Power Supply
 - ? One (1) PR-C4 Cabinet
 - ? Five (5) LCM-320 Loop Control Modules
 - ? Five (5) LEM-320 Loop Expansion Modules
 - ? Three (3) BMP-1 Blank Plates
 - ? One (1) DP-DISP2 Display LCD Unit

Continued...

2. Two (2) 12VDC 55 Amp Rechargeable Batteries
3. One (1) LCD Full Function Remote 160 Annunciator with Back Box
4. Six (6) Notifier 8 Amp NAC Boosters with Rechargeable Standby Batteries
5. One (1) DSC 3070CF Universal Wireless Commercial Fire Alarm Communicator with Remote Antenna (No Phone Lines Required)
Limited Area Fire Detection Devices:
6. Sixty-one (61) Notifier Model NBG12LX Manual Pull Stations
7. Sixty-one (61) STI Audible Protective Pull Station Covers
8. Seven (7) STI Audible Protective Weather Resistant Pull Station Covers
9. Three-Hundred and Sixty-Seven (367) Notifier Model FST-851 Fixed Temperature/Rate of Rise Heat Detectors Below-Ceiling
10. Three-Hundred and Seventy-Seven (377) Notifier Model FST-851 Fixed Temperature/Rate of Rise Heat Detectors Above-Ceiling
11. Seven (7) Notifier Model TH 302ET135 Weather Resistant Heat Detectors
12. Two-Hundred and Twenty-nine (229) FSP-851 Low Profile Photo Smoke Detectors
13. Nine-Hundred Seventy-three (973) LBPB Standard Bases
14. Four (4) System Sensor 12/24 Smoke Beam Detectors (located above auditorium and gym ceilings, eliminating 32 spot detectors)
15. Thirteen (13) FL-DNR Duct Detector Housings only
16. Thirteen (13) FSP-851R Smoke Detectors
17. Thirty-seven (37) STI Smoke Detector Wire Guards
18. Thirteen (13) BKDTS5 Sampling Tube
19. Thirteen (13) Smoke Station Remote Test Switches
20. Thirty-Four (34) Notifier Model FMM Monitor Modules (Supervise NAC Boosters, Exterior Heat Detectors, and Duct Smoke Detectors)
Signaling Devices:

Continued...

- 21. One-Hundred and Eleven (111) System Sensor Model Spectra Alert P2R ADA, U.L. and NFPA Approved Wall-Mount Combination Horn/Strobes
- 22. One-Hundred and Thirty-one (131) System Sensor Model Spectra Alert ADA, U.L. and NFPA Approved Wall-Mount Strobes only
- 23. Three (3) STI Weather Resistant Horn/Strobes
- 24. Eight (8) STI Horn/Strobe Wire Guards
- 25. Ten (10) 24 VDC Door Holders
- 26. Ten (10) Notifier Model FRM Relay Modules
- 27. Four (4) Ansul Suppression System Connections via Monitor Modules
- 28. Central Station Monitoring via Proposed Long Range Radio

Grand Totals:	\$	761,730.50
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