



**VIENNA COMMUNITY CENTER
VALUE ENGINEERING ITEMS
FEBRUARY 19, 2015**

MEMO

Many alternates have been discussed over the past few months for inclusion in the SOW. Other items have been added due to findings by the Geotech Report, Town requirements, and VCC requirements. A meeting was held with VCC on February 19, 2015 to clarify the project SOW. Following are items with direction for the A/E Team:

GENERAL

1. Trailers – Owner to secure an off-site location for Temporary Office space and Classes. Remove cost from the project SOW. Cost Savings = \$100,213; NOT INCLUDED in the SOW.

SITE / LANDSCAPING:

2. Earth Fill – the Geotech Report has identified poor soils and high ground water at several boring locations. Additionally, man-placed existing fill was also identified. 1 to 2 feet of imported clean fill within the Addition footprint as required. TLP to contact D&S to determine a suitable Allowance with Unit Price Cost to include in the Specifications.
3. MWS#1 is being deleted (NOT REQUIRED) from the storm water management system. Potential savings \$10,000.
4. Site Furnishings – Delete the planter boxes and benches provided for the overhang space. Keep only those bicycle racks required to meet LEED SSc4.2 Bicycle Storage and Changing Room. Cost Savings = \$17,211. NOT INCLUDED in the SOW.
5. Landscaping Site Walls – Delete the masonry site walls. Cost Savings = \$12,943. RHI to remove from Drawings. NOT INCLUDED in the SOW.
6. Living Landscape Parks for exterior spaces = \$50,000. NOT INCLUDED in the SOW.

ARCHITECTURAL

Exterior:

7. Trespa Panel System – revise panel system to mechanically fastened system in lieu of the concealed fastened system design. Save \$7/SF. Total Cost Savings = \$55,468; NOT SELECTED. The design will keep the concealed fastener system.

Card Readers:

8. Card Readers – SELECTED for inclusion in the SOW. TLP to provide Card Reader hardware in the door HW specifications for the doors identified by VCC. S3E to provide power connections for the identified doors.

Auxiliary Gym:

9. Gym Floor - Keep the existing wood floor in lieu of replacing with a new wood floor. Save \$6/Sf. Total Cost Savings = \$22,335; NOT SELECTED. A new wood floor will be included in the SOW.
10. Exterior Windows - Keep the 4 existing exterior windows in lieu of replacing them. Cost Savings = \$17,904; NOT SELECTED. New windows will be included in the SOW.
11. Living Wall – Delete the Living Wall on the east Gym Wall between the exterior windows. Cost Savings = \$5,380; NOT SELECTED. The Living Wall on the east Gym Wall will remain in the SOW.

Lobby:

12. Wood Ceiling – Revise the suspended acoustical wood ceiling. Leave as exposed structure. Cost Savings = \$11,412; NOT SELECTED. The suspended acoustical wood ceiling will be included in the SOW.
13. Reception Desk – Remove the Reception Desk from the SOW for this project. Owner furnished; NOT SELECTED. Provide an Allowance of \$20,000 in the Specifications for the Reception Desk.

Gymnasium:

14. Gym Equipment to be deleted from the SOW includes:
 - Volleyball Equipment. Cost Savings = \$3,249.
 - Badminton Equipment. Cost Savings = \$1,452.
 - Basketball Scoreboard. Cost Savings = \$5,092.
15. Gym Equipment to be included in the SOW includes:
 - Telescoping Bleachers
 - Divider Curtain
 - 6 Basketball Backstops, Backboards, Rims, and Nets.

Corridor 166:

16. Feature Wall for Corridor 166 = \$50,000; NOT INCLUDED in the SOW.

STRUCTURAL

17. Acoustical Metal Deck – revise the 1 ½” acoustical metal deck to a standard metal deck. Cost Savings = \$22,105; NOT SELECTED. The acoustical metal deck will be included in the SOW.

Note: None of the other Structural VE items are Selected for inclusion in the SOW.

MECHANICAL

18. Gym Ductwork – Spiral ductwork for the Gym shall remain as designed in the SOW.
19. Corridor 162 – Delete the electric baseboard heaters along the SF. Potential Savings \$13,000.

20. Second Floor Ductwork – Reuse existing second floor risers to serve the first floor with energy recovery units provided for ventilation. Potential Savings \$5,000.
21. Teen Center – SELECTED for inclusion in the SOW. S3E to proceed with design. Cost ADD \$20,000.

PLUMBING

22. Utilize polyvinyl chloride (PVC) plastic piping in lieu of cast- iron piping for sanitary drainage and vent systems. Potential savings \$6,000; SELECTED for inclusion in SOW. S3E to revise accordingly.
23. Utilize polyvinyl chloride (PVC) plastic piping in lieu of cast- iron for storm drainage piping. Potential savings \$ 8,000; SELECTED for inclusion in SOW. S3E to revise accordingly.
24. Utilize chlorinated polyvinyl chloride (CPVC) plastic piping in lieu of copper for domestic water piping. Potential savings \$25,000; SELECTED for inclusion in SOW. S3E to revise accordingly.

ELECTRICAL

25. Using conventional fluorescent lamp type fixtures in lieu of LED fixtures for 2x4s, 2x2s, downlights, and utility strip lighting. Potential savings \$30,000; NOT SELECTED for inclusion in the SOW. Keep the LED fixtures.
26. Eliminate Panel E and the provisions for future standby generator. Potential savings \$10,000; NOT SELECTED for inclusion in the SOW. Keep Panel E for a future Emergency Generator.
27. Remove P.A. System from the scope of work. Potential savings \$19,400; SELECTED for exclusion from the SOW. S3E to delete P.A. system design.
28. Stage/Auditorium sound, lighting, and acoustical upgrades = \$75,000; SELECTED for exclusion from the SOW. S3E to only provide j-boxes at the locations identified by VCC.
29. CCTV – SOW includes providing j-boxes at the camera locations provided by VCC. S3E to include on power Drawings. No separate Security Drawing(s) required.
30. Wi-Fi – TBD
31. Lightning Protection - required by the Town of Vienna. SELECTED for inclusion in the SOW. S3E to provide design.

Submitted By: _____
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Attachments: None

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