

## Proposed Change Orders - Known Costs

1-Jun-16

PCO No.	Description Of Change	Projected Cost		Comments
1	<b>SITE</b>	<b>\$43,400</b>	<b>\$0</b>	
a	Guard Rails at Power Tower	\$10,400	\$0	Double high guard rails are required around the Dominion Virginia Power tower to protect the tower from damage.
b	Trail retaining wall	\$5,000	\$0	A steel plate retaining wall is required between the storm water trench and the W&OD trail to elevate the buffer zone to the same level as the trail.
c	Water to VYI building	\$14,000	\$0	Water service to the VYI building was not included in the contract documents. Therefore, TOV must provide the service as an additional cost.
d	Sanitary to VYI building	\$11,000	\$0	Sanitary Sewer service to the VYI building was not included in the contract documents. Therefore, TOV must provide the service as an additional cost.
e	Sanitary size increase into building	\$3,000	\$0	The sanitary pipe entering the new portion of the building was undersized according to TOV standards. Therefore, TOV must increase the pipe size as an additional cost.
2	<b>BUILDING</b>	<b>\$534,000</b>	<b>\$95,905</b>	
a	Auxiliary Gym Wall Mats	\$0	\$8,300	Projected cost to provide wall protection mats on structure and wall projections. Existing blue mats may be used however, they are torn and worn.
b	Finish Wood Ceiling & Structure in Auxiliary Gym	\$0	\$7,200	Projected cost to refinish wood ceiling and wood structural arches.
c	Roof Access	\$23,900	\$0	Projected cost to provide ladders to rooftop mechanical units for maintenance. (ladders, roof hatch, etc.) Five locations.
d	Stage Changing Rooms	\$0	\$4,800	Projected cost to renovate two stage changing rooms (new counter, mirror and vanity lighting). Work may be accomplished at a later date.
e	Auditorium Wall Paneling	\$0	\$7,300	Projected cost to install new FRP panels on wall at both sides of stage. Panels will cover CMU walls.
f	Replace Storefront doors, frames and glass enclosure.	\$0	\$22,680	Projected costs to replace storefront doors at entrance to auditorium corridor. Storefront will need to be replaced in the near future.

g	Consolidate Drains in restrooms	\$6,400	\$0	Projected cost to consolidate drains from existing toilet rooms, mechanical room and related rooms.
h	Increase height of floor at corridor.	\$2,300	\$0	Increase floor elevation 2 inches to match floor elevations at corridor and stair 003.
i	Ceiling in Stair #2	\$3,400	\$0	Provide new ceiling in Stair #2. Ceiling was omitted
j	Insulate gable attic walls	\$39,000	\$0	Close off opening and insulate gable end walls at second story. Attic area will be subjected to wide humidity and temperature differences if this work is not accomplished. Architect omitted the work from the contract documents.
k	Door/wall between Auditorium Corridor & Elevator lobby	\$4,700	\$0	Doors are required to segregate the Auditorium and Auxiliary functions.
l	Living wall supports	\$15,000	\$0	Living wall supports were modified to accommodate future installation of the living wall supports.
m	Delete Canopies	\$0	\$0	Credit for deletion of entrance canopies at new gym. Removed because they were not code compliant.
n	Unsuitable Soils D-9	\$8,000	\$0	Projected cost for unsuitable soil. TOV is required by contract to pay for replacement of unsuitable soil below point of bearing.
o	Gas Meter Consolidation	\$10,000	\$0	Provide new meter for gas.
p	Hydronic Piping spec section incomplete	\$6,500	\$0	RFI #26;
q	Piping Insulation Change - Reduce from 1.5" to 1"	\$0	\$0	RFI #69; Credit for reducing insulation thickness in tight spaces.
r	Additional Hardware set 51	\$1,000	\$0	Cost for additional hardware for doors.
s	Ceiling patches	\$3,000	\$0	RFI #103; Patch existing ceiling after installation of new ducts.
t	Louver Modifications	\$3,500	\$0	RFI #90; Provide two new blank-off panels for mechanical louvers at exterior wall
u	Location of interior & exterior sanitary lines conflict	\$6,000	\$0	RFI #160; provide new cleanouts for sanitary lines. Differing locations on civil dwgs.
v	Security Cameras	\$4,000	\$0	New location for security cameras at west gym wall.
w	Reconfigure Scoreboards and Sound Panels	\$3,000	\$0	Relocate electrical service and reconfigure sound panels for new scoreboard location.
x	Temporary Power Generator	\$18,300	\$0	Cost of providing temporary power generator. Does not include temporary power from connection to the permanent power.

y	Window frame W2 modification		\$1,600	Revise Control Room window to acoustical window
z	Control Room Changes		\$3,200	Relocate door, provide raised platform, raise counter and lower window.
aa	Receptacle (4) on west wall Corridor 166.		\$2,300	Provide four receptacles along the west wall of Corridor 166. Receptacles will be used for vending machines and trophy case.
ab	Scoreboards and control panels		\$15,625	Provide two (2) scoreboards. Scoreboards were omitted from the contract documents.
ac	Volleyball Standards		\$8,400	Provide two (2) volleyball systems (standards and inserts). Volleyball Equipment was omitted from the contract documents.
ad	Workstation Casework		\$4,800	Provide Administrative Workstation casework (base & wall cabinets) for supplies and preparation of documents.
ae	Lobby Lighting Upgrade		\$2,400	Provide upgrade for lobby lights (from industrial fixture to fixture reflecting ceiling configuration).
af	Window-Wall at Director office.		\$1,200	Provide wall separating the Director's office from the Auxiliary Gym.
ag	Stove upgrade		\$6,100	Provide new stove to replace the existing noncode compliant stove.
ah	North Wall Remediation	\$75,000	\$0	Replace existing deteriorated masonry foundation & wall with new CMU foundation & composite masonry wall above. \$63,000 for construction & \$12,000 for design
ai	East & South Wall Remediation	\$280,000	\$0	Replace existing deteriorated masonry foundation & wall with new insulated masonry foundation & insulated exterior wall. \$267,000 for construction & \$12,000 for design. <b>Option: Filling CMU cores with grout would reduce the cost from \$280,000 to \$170,000.</b>
aj	Sump Pump	\$21,000	\$0	Provide concrete pit & sump pump to evacuate water from area; connect to storm drain. Existing wall condition does not warrant additional expense of grouting CMU cores. \$8300 for construction & \$12,000 for design. <b>Additional \$100,000 to fill cores along west aux gym wall.</b>
3	<b>Code Upgrade</b>	<b>\$179,900</b>	<b>\$0</b>	
a	Elevator Upgrade	\$155,000	\$0	Renovation and upgrade of existing elevator. Work was removed from the budget. Work is required by the Fairfax County Elevator Inspector.
b	Stair 3	\$12,400	\$0	Guardrail and handrails will be replaced to comply with building code.
c	Stair 5	\$2,200	\$0	Handrails will be replaced to comply with building code.

d	Stair 6	\$2,200	\$0	Handrails will be replaced to comply with building code.
e	Stage Stairs	\$2,200	\$0	Handrails will be replaced to comply with building code.
f	Recess Water Fountains	\$5,900	\$0	Water fountains must be recessed into alcoves to comply with ADA guidelines.
	<b>TOTAL</b>	<b>\$757,300</b>	<b>\$95,905</b>	