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CHIEF LEGAL COUNSEL

Ian Whitlock

BOARD CLERK

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***** CANCELLATION NOTICE *****

The Reno-Tahoe Airport Authority Planning & Construction Committee Meeting scheduled for Tuesday, July 11, 2023, has been canceled.

For informational purposes, the following documents are attached:

1. Engineering Project Schedule
2. Monthly Project Status Report
3. Administrative Award of Contracts (Expenditures)

Project Name			ENGINEERING & CONSTRUCTION - PROJECT SCHEDULE 2023																																																			
			PLANNING/ENVIRONMENTAL PROGRAM STUDY RFQ/SOQ/PROPOSAL DESIGN BIDDING CONSTRUCTION PROJECT CLOSEOUT BA: BOARD ACTION																																																			
			JAN 2023				FEB 2023				MARCH 2023				APRIL 2023				MAY 2023				JUNE 2023				JULY 2023				AUG 2023				SEPT 2023				OCT 2023				NOV 2023				DEC 2023							
RNO/RTS	PM	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14	W15	W16	W17	W18	W19	W20	W21	W22	W23	W24	W25	W26	W27	W28	W29	W30	W31	W32	W33	W34	W35	W36	W37	W38	W39	W40	W41	W42	W43	W44	W45	W46	W47	W48	W49	W50	W51	W52	
Airport Improvement Program (AIP)																																																						
Runway 16R-34L Reconstruction - Phase 2	RNO	TC																																																				
Taxiway B & GA Runup	RNO	JL																																																				
RTS Apron & Taxiway A Phase 3	RTS	BJ																																																				
RTS Apron & Taxiway A Phase 4	RNO	BJ																																																				
Airfield Signage & Taxiway Renaming (Design)	RNO	JL																																																				
Capital Improvement Program (CIP) 2021-22																																																						
Airport Terminal Lift Station	RNO	TO																																																				
Air Cargo Way Lift Station	RNO	JL																																																				
FAA VALE PCA Replacement	RNO	TO																																																				
Capital Improvement Program (CIP) 2022-23																																																						
Airfield Admin & Airport Duty Mngr Office Remodel	RNO	TO																																																				
Remote Economy Lot - Phase 2	RNO	BJ																																																				
Terminal Arc Flash Study Phase 2	RNO	TO																																																				
Ticketing Hall Expansion	RNO	AT																																																				
MZ3 HVAC Replacement	RNO	AT																																																				
Shared Use Phase 1	RNO	TO																																																				
THE HQ	RNO	LB																																																				
Passenger Facility Charge (PFC 14)																																																						
NEW GEN B/C DESIGN & CMAR	RNO	LB																																																				
Passenger Facility Charge (PFC 15)																																																						
THE LOOP	RNO	JL																																																				
Arrival/Departure Escalators	RNO	TO																																																				

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			PLANNING/ENVIRONMENTAL								PROGRAM STUDY				RFQ/SOQ/PROPOSAL				DESIGN				BIDDING				CONSTRUCTION				PROJECT CLOSEOUT				BA: BOARD ACTION																				
Project Name		RNO/RTS	PM	JAN 2023				FEB 2023				MARCH 2023				APRIL 2023				MAY 2023				JUNE 2023				JULY 2023				AUG 2023				SEPT 2023				OCT 2023				NOV 2023				DEC 2023							
				W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	W14	W15	W16	W17	W18	W19	W20	W21	W22	W23	W24	W25	W26	W27	W28	W29	W30	W31	W32	W33	W34	W35	W36	W37	W38	W39	W40	W41	W42	W43	W44	W45	W46	W47	W48	W49	W50	W51	W52
Customer Facility Charge (CFC)																																																							
GTC		RNO	TO																																																				
Miscellaneous																																																							
Dermody Master Development at RTS		RNO	GP																																																				
Stellar - GA East Development		RNO	JL																																																				
NV Army National Guard at RTS (Misc Project Review)		RTS	BJ																																																				
Home Gardens - Tolles		RNO	TC																																																				

**RENO-TAHOE AIRPORT AUTHORITY
PLANNING AND CONSTRUCTION COMMITTEE
PROJECT STATUS REPORT
JUNE 2023**

ENGINEERING PROJECTS

RENO-STEAD AIRPORT PROJECTS

Taxiway Alpha and Adjoining Aircraft Parking Apron Rehabilitation

This project consists of the design for the reconstruction of the asphalt cement (AC) general aviation Apron and the adjoining Taxiway Alpha. In addition, the project will correct the FAA identified non-complying intersection of Taxiway A2 and the apron, and the replacement of the aging apron lighting head fixtures to LED fixtures at RTS. The apron consists of approximately 255,070 square yards of AC and Taxiway A consists of 30,540 square yards of AC. Design consists of geotechnical services, final design, and bidding for Apron construction in multiple phases. Construction is anticipated to be constructed in approximately six phases.

Phase 3 – Construction

Granite Construction was awarded the construction contract at the April Board meeting for the Base Bid 1, Base Bid 2, Alternate 1, and Alternate 5 pending receipt of the FAA grants. The RTAA has received the two base bid grants and issued Granite a Notice to Proceed for July 25, 2022. The first phase of construction was completed September 5 to allow for the Reno Air Races. Granite has paved out the second phase of this year's work. Due to value engineering of the pavement section, the RTAA was able to add in paving Bid Alternates 2, 3, and LED lighting upgrade Bid Alternates 5 & 6 to the original contract. The storm drain structures are installed, and the project is in closeout.

Phase 3 – The following are project milestones:

- | | |
|---------------------------|----------------|
| • Award of Construction | April 14, 2022 |
| • Notice for Construction | July 20, 2022 |
| • Substantial Completion | May 26, 2023 |

Phase 3 – The following are the next steps:

- | | |
|---------------------------|------------------|
| • Project Closeout | July 2023 |
|---------------------------|------------------|

Phase 4 – Construction

The design of Phase 4 was completed and went out to bid in March 2023. This year's current contract includes approximately 51,205 square yards of new TWY A & Apron improvements and LED Lighting upgrades. Change Order No. 1 adds an additional 4,340 square yards of TWY A & Apron improvements. **The FAA AIP & AIG grants have been received.**

Phase 4 – The following are project milestones:

- | | |
|--------------------|----------------|
| • Design Completed | February 2023 |
| • Issue for Bid | March 2023 |
| • Bids Opened | March 23, 2023 |

- Board Approval April 13, 2023
- Change Order No. 1 May 18, 2023
- **Start of Construction June 26, 2023**

Phase 4 – The following are the next steps:

- Substantial Completion August 23, 2023

RENO-TAHOE INTERNATIONAL AIRPORT PROJECTS

Pavement Management Program (2022-2025)

The Pavement Management Program (PMP) scope consists of airfield and landside pavement inspections at both Reno-Tahoe International (RNO) and Reno-Stead (RTS) Airports. The program is funded from the Capital Improvements Budget for this fiscal year.

An RFQ for the PMP was issued and four SOQs were received on September 28, 2021. The Evaluation Committee shortlisted three firms and conducted interviews on November 5, 2021. Scope and fee negotiations occurred in December 2021-January 2022, and the RTAA Board of Trustees approved the PSA with RDM International at the February 2022 Board Meeting.

The pavement inspections process has been revised for the 2022-2025 cycle. In the past, the inspections of the airport pavements were split up into thirds over a 3-year cycle. This year, with RDM International, the inspections of all the airport pavements will occur in one-year and producing a report based on projected projects over the following 3-years. Both methods are acceptable to the FAA. RNO airfield and runway pavement inspections began end of April and occur during scheduled runway closures. Pavement inspections were completed in May and pavement coring will be done during June. RDM submitted final reports to the RTAA and we have provided these to the FAA PHX ADO on March 14, 2023.

The following are project milestones:

- Consultant Interviews November 5, 2021
- Design PSA Approval February 10, 2022
- Kickoff Meeting February 22, 2022
- Pavement Inspections April/May 2022
- Final Report Delivered March 14, 2023
- GIS/Closeout June 2023

The project is on schedule with the next steps listed below:

Project is complete.

RNO Pavement Maintenance Project – 2023

The RNO Pavement Maintenance Project – 2023 is **slurry sealing six RTAA owned parking lots** and patching one. The parking lots include Pro Collision, Airport Mini Storage, Fed Ex, Crew Lot, GAOB Lot, and the State Motor Pool.

The project was designed and put out to bid by RTAA Staff as an **informal quote on May 31, 2023**. Three contractors were reached out to bid on the project and two provided quotes to

RTAA Staff. **Intermountain Slurry Seal Inc. was the low bidder.** Contracts were signed on June 29 with construction set to begin in July.

The following are project milestones:

- | | |
|--------------------------------|------------------------|
| • Bids Advertised | May 31, 2023 |
| • Bid Opening | June 9, 2023 |
| • Notice for Construction | June 30, 2023 |
| • Start of Construction | Mid - July 2023 |

The project is on schedule with the next steps are listed below:

- | | |
|--------------------|-----------------------|
| • Construction | July - September 2023 |
| • Project Closeout | October 1, 2023 |

Ticketing Hall Expansion Project (Part of the MoreRNO Program)

The **masonry for the new elevator shaft is complete** and was topped off with the **final piece of steel on the project** to form the light beacon. The walls in the expansion have been framed and electrical continues to be roughed in. The **metal roof installation is complete** and now they are working on the installation of the fascia. The start-up of for the new air handler occurred in June and everything is running as expected. Upcoming activities include the installation of the ceiling grid, the curtainwall, and terrazzo in the first lobby phase, as well as demolition of the existing exterior wall. Tile installation has shifted to begin after Burning Man, in early September. The project is currently on schedule and within budget.

The following are project milestones:

- | | |
|---|-------------------|
| • Construction Document (90%) Submittal | June 3, 2022 |
| • Submit for Permit | June 6, 2022 |
| • Construction Documents (100%) Submittal | July 8, 2022 |
| • Pre-package GMP for Board Approval | July 14, 2022 |
| • Full GMP Board Approval | September 8, 2022 |
| • Enabling Work Complete | October 12, 2022 |
| • Construction Walls Erected | October 13, 2022 |
| • Change Order No. 1 Awarded | February 9, 2023 |

The project is on schedule with the next steps listed below:

- | | |
|--------------------------|------------|
| • Substantial Completion | March 2024 |
|--------------------------|------------|

Taxiway B Reconstruction & General Aviation Runup Area

The project consists of reconstruction of the Portland Cement Concrete (PCC) Taxiway (TWY) B on either side of Runway 8/26, and an asphalt cement General Aviation (GA) Runup Area at the north end of TWY C. The project will include the reconstruction of the TWY's, asphalt shoulders, and edge lighting, pavement markings and drainage upgrades.

Wood Rodgers was selected as the design consultant for the original project and an amendment was approved for the redesign of the project. The revised plans were re-bid and opened on March 28, 2023. Two bids were received, and the low responsive bidder is Granite Construction. Based on available FAA AIP grant funding, the Base Bid (TWY B Reconstruction) and Alternate 1 (General Aviation Runup Area Construction) was approved at the May Board meeting. The FAA AIP grant

has been awarded, and **funding has been received. Contract with Granite is being finalized and construction is anticipated to begin mid-September.**

The following are project milestones:

- | | |
|-----------------------------------|-------------------|
| • Re-design Completion | February 21, 2022 |
| • Bid Advertising | February 21, 2022 |
| • Bid Opening 2022 | March 23, 2022 |
| • Re-Bids Opened | March 28, 2023 |
| • Board of Trustees Meeting/Award | May 18, 2023 |

The project is on schedule with the next steps are listed below:

- **Begin Construction** **Mid-September**

Terminal Arc Flash Study

Arc-Flash Hazard Assessments are required by OSHA and NFPA 70E as a part of an Electrical Hazard Assessment. The Terminal Arc Flash study will be inclusive to the panelboard level or a minimum of 100-amp protective devices. Devices that are found to be non-coordinated will be indicated in a summary report of which corrective action will need to be addressed as a separate task. Arc Flash labels will be provided as recommended by the study. Labels will be installed by the airport facilities staff with guidance by our office. To complete the study, intensive field investigation is needed as well as detailed review of record drawings to determine electrical equipment make and model, conductor size, approximate conductor lengths, fuse sizes, etc. We are estimating approximately 510 points of Arc Flash for the main terminal and concourse and approximately 200 points of Arc Flash for offsite buildings. Phase 1 was completed in June 2022. Phase 2 has started, and the consultant is in the process of reviewing the reports.

The following are project milestones:

- | | |
|------------------------------------|--------------|
| • PSA Executed | July 8, 2021 |
| • 1 st Phase Completion | June 2022 |

The project is on schedule with the next steps listed below:

- 2nd Phase Completion July 2023

Airport Terminal Lift Station Project

This project is to replace and relocate the electrical controls for the north and south terminal lift stations. New level sensors and monitors will be installed, the existing control panels will be reviewed, and specifications will be given for repair or replacement. A new lift station bypass pump connection will be installed for emergency use.

The design consultant, Shaw Engineering specializes in sewer lift station design.

Bids were opened on March 31, 2022, and was substantially over budget. The bid was canceled. The project was re-bid June 1, 2022, and bids were opened on June 29, 2022. Two bids were received, and Triumph Electric was deemed the low responsive bidder with a bid of \$249,500.

Construction began on April 10, 2023. **The South and North Lift Station improvements were completed in June and in full operation.**

The following are project milestones:

- | | |
|-------------------------|----------------|
| • Redesign Complete | May 13, 2022 |
| • Rebid Advertised | June 1, 2022 |
| • Rebid Opening | June 29, 2022 |
| • Intent to Award | July 19, 2022 |
| • Notice to Proceed | Oct/Nov 2022 |
| • Start of Construction | April 10, 2023 |

The project is on schedule with the next steps listed below:

- **Project Completion** **June 30, 2023**

Air Cargo Way Lift Station Project

The lift station located in Air Cargo Way that serves the Air Cargo building and FedEx building has been failing and needs replacement. The lift station will be relocated outside of the road to allow safer access to the lift station when needing maintenance. This project will replace a lift station with equipment that is past its design life cycle and create a safer environment for our maintenance teams.

Shaw Engineering specializes in this field of civil engineering and has been direct selected and approved by the Board to do the design. The project design was completed in December and went out to bid in January. Bids were opened on February 24, 2022. Farr Construction was deemed the low responsive bidder and has been awarded the construction contract at the April Board Meeting. Farr Construction began construction on September 19, 2022. Substantial completion of construction of the lift station work except for the generator was on December 2nd. The emergency backup generator is anticipated to be installed in July 2023. **A Change Order is being brought before the board for a necessary breaker upgrade. This is anticipated to be the final step in construction. If approved, an anticipated date can be determined when material is procured.**

The following are project milestones:

- | | |
|--------------------------|-------------------|
| • PSA Executed | September 9, 2021 |
| • Design Completed | December 2021 |
| • Bidding Advertising | January 26, 2022 |
| • Bids Opened | February 24, 2022 |
| • Board Approval | April 12, 2022 |
| • Substantial Completion | December 2, 2022 |

The project is on schedule with the next steps listed below:

- Emergency Generator Install July 2023
- **Breaker Installation** **TBD**

Terminal Loop Road (Part of the MoreRNO Program)

The Terminal Loop Road Reconstruction, ADA, and Safety/Security Project is for the full reconstruction of the existing PCC portion of the Terminal Loop Road, will also include improvements associated with Safety/Security and the Americans with Disabilities Act of 1990 (ADA). The full project consists of the reconstruction of six travel lanes, two pick-up and drop off lanes, drainage improvements as necessary, curb and gutter, post curb, sidewalk, a new crosswalk, landscaping, electrical, street lighting, guidance and traffic signs, striping, security bollards and new ADA pedestrian ramps.

An evaluation committee comprised of RTAA staff reviewed the submittals and determined Kimley-Horn and Associates Inc. as the most qualified firm for the project. The evaluation was based on the qualifications and experience requirements stipulated in the RFQ. The PSA for design services was presented to the Board of Trustees and approved at the October 14, 2021, Board meeting.

Kimley-Horn has completed the early phases of design including data gathering and reaching out to the different departments at the RTAA to determine levels of security and design options. Construction will be coordinated with the Ticketing Hall Expansion Project to ensure safety of airport staff and patrons and maintain consistency of construction phasing of the two projects. Recommendations for ADA, sidewalks, and security were discussed among the stakeholders were presented at the April Planning and Construction Committee Meeting.

Three qualified bids were received on February 8, 2023. Q&D Construction is the low apparent bidder. Q&D was awarded the project at the April Board meeting and will begin construction in July. Change order #2 was presented to the Board in June to add in the canopy portion of the project. A PSA for Construction Management services with CME was presented to the Board for award at the May Board meeting.

The following are project milestones:

- | | |
|-----------------------------|-------------------|
| • Board Approval for Design | October 14, 2021 |
| • Notice to Proceed | October 2021 |
| • Design Completed | December 19, 2022 |
| • Bidding Advertising | January 11, 2023 |
| • Bid Opening | February 8, 2023 |
| • Board Approval | April 13, 2023 |

The project is on schedule with the next steps are listed below:

- | | |
|----------------|-----------|
| • Construction | July 2023 |
|----------------|-----------|

Arrival/Departure Escalator Modernization Project

The arrival/departure escalators located on the east side of the main lobby were replaced in 2002 and are now 21 years old. The purpose of this project is the "preservation of infrastructure" by modernizing and refurbishing the four (4) public use escalators for arriving and departing passengers. The project consists of two (2) phases: design and construction. The design phase involves selecting a consultant to research commercially available products and provide a detailed design, phasing plan, and bid package. The construction phase will involve awarding a contract to a contractor to procure the identified equipment and refurbish the escalators. This phase will include procurement, delivery, and installation.

An RFQ for design was issued and two SOQs were received on October 27, 2021. The Evaluation Committee selected H+K Architects as the most qualified consultant. The PSA with H+K Architects in the amount of \$98,000 design fees was presented and approved at the December 9, 2021, Board Meeting.

The project is funded in PFC 15 in the amount of \$2,889,000. The project was bid May 24, 2022, and bids were opened on June 28, 2022. One bid was received by Kone, Inc. and staff reviewed the bid and found all documents fully executed and to be responsive. The bid amount was for \$1,890,000. The project was awarded by the Board at the August 11, 2022, meeting. The contractor took measurements onsite and began the procurement process in September 2022, and construction began in mid-April of 2023.

Escalator shop drawings were submitted, reviewed and comments sent back to Kone Inc. The contractor has mobilized onsite and installed construction walls for the escalator modernization and has begun refurbishing two of the escalators, one for arrivals and one for departures.

The following are project milestones:

- | | |
|--------------------------------|-------------------|
| • Design PSA Board Approval | December 9, 2021 |
| • Notice to Proceed for Design | December 10, 2021 |
| • Design Complete | May 2022 |
| • Bids Advertised | May 24, 2022 |
| • Bids Opened | June 28, 2022 |
| • Board Approval | August 11, 2022 |
| • Notice Procurement | September 2022 |

The project is on schedule with the next steps are listed below:

- | | |
|-------------------------|----------------|
| • Start of Construction | April 10, 2023 |
|-------------------------|----------------|

Remote Economy Lot Project – Phase 2

The Remote Economy Parking Lot is an undeveloped site and is approximately 4 acres. It is bordered to the west by Terminal Way, south and east by the rental car surface storage and maintenance lots, and to the north by the NDOT off ramp. The Remote Economy Parking Lot Project consist of all the necessary grading, utilities, drainage, lighting, pavement, and card access gates.

J-U-B Engineering, Inc. (JUB) was selected from list of firms that previously submitted on the RFQ for the Parking Lot reconstruction. The PSA for design services was presented to the Board of Trustees at the March Board meeting for approval.

Phase 1 has been completed.

Design of Phase 2 was completed, and the project was advertised for bid on March 21, 2023. The low responsive bidder was Sierra Nevada Construction (SNC). Sierra Nevada Construction, construction contract **was approved** at the May 2023 board meeting. Construction is underway and set to be finished November 2023.

The following are project milestones:

- Substantial Completion Phase 1 November 18, 2022
- Bids Advertised March 21, 2023
- Bid Opening April 12, 2023
- **Board Approval May 18, 2023**

The project is on schedule with the next steps are listed below (Phase 2):

- **Start of Construction July 5, 2023**
- Substantial Completion November 1, 2023

Air Cargo Way Reconstruction Project

The Air Cargo Way Reconstruction Project is an existing roadway being reconstructed that is approximately 900 feet long along with the entrance to the purchasing lot. Both areas tie into Vassar Street to the north and provide access for freight deliveries to the air cargo tenants and the RTAA purchasing office. The Air Cargo Way Reconstruction Project consist of the removal and repaving of the roadway areas along with making site access improvements and repairing damaged curb gutter and sidewalk.

Summit Engineering, Inc. was direct selected to perform the design work for this project. Design was completed, and the project was advertised for bid on July 5, 2023. With bid openings scheduled on July 26, 2023. The construction contract is anticipated to be brought to the August board meeting.

The following are project milestones:

- **Bids Advertised July 5, 2023**

The project is on schedule with the next steps are listed below:

- **Bid Opening July 26, 2023**
- **Board Approval August 10, 2023**

FAA VALE PCA/GPU Replacement

The FAA's VALE Program provides Airport Improvement Program (AIP) grant funding to commercial service airports such, as the RNO, that are in non-attainment or maintenance of National Ambient Air Quality Standards areas for emission reduction projects proven to benefit local air quality. VALE AIP funding comes from Noise & Environmental Set Aside funds and does not affect regular RNO entitlements or discretionary allotments. The program is to improve environmental issues with aging equipment by replacing with new efficient equipment.

This project will include the replacement of 26 Pre-Conditioned Air (PCA) units, 26 Ground Power Units (GPU), 1 portable PCA and 1 portable GPU for the Passenger Boarding Bridges (PBB). The PCA units provide fresh conditioned heat or cooling to the aircraft while they are at the PBB. The new units are much more energy efficient than the units being replaced which are at the end of their useful lives. The GPU provide a constant regulated power that is specific to aircraft. The new GPUs are much more efficient than those being replaced which are at the end of their useful lives. The installation of the submeters will allow for electrical usage to be tracked to the respective users.

The PSA with PK Electric, Inc. for design services of \$86,000 was presented and approved by the Board of Trustees at the March Board meeting.

The VALE PCA and GPU Replacement Project was advertised on February 22, 2023. A mandatory pre bid was held on March 3, 2023; 5 contractors attended. Bids were opened on April 17, 2023. One responsive bid was received from Q&D Construction. Staff has submitted the FAA grant application for funding of the project. It is anticipated that staff will bring the project for award at the **August** 2023 board meeting.

The following are project milestones:

- | | |
|------------------------|-------------------|
| • Consultant Selection | February 2022 |
| • Design Complete | July 26, 2022 |
| • Bid Advertising | February 22, 2023 |
| • Bid Opening | April 17, 2023 |

The project is on schedule with the next steps are listed below:

- | | |
|------------------|--------------------|
| • Board Approval | August 2023 |
| • Construction | TBD |

Airfield Administration & Airport Duty Managers Offices Remodel Project

Airfield Administrative Offices: The current airfield administrative offices are located within the existing vehicle maintenance building. The office space is inadequate in the number of offices and the size of the offices, are inefficient in layout and continuity, located in areas with inadequate heating and cooling systems, located adjacent to loud work, and many offices don't meet the American Disabilities Act (ADA) requirements. In addition, the vehicle maintenance storage areas/rooms have been minimized due to conversion to offices. Management and administrative staffing levels have increased since the original building was constructed in 1978. The proposed project would consolidate the administrative/management staff to a central location, provide a professional atmosphere to conduct business and significantly increase the efficiency of the administrative operations as well as the vehicle maintenance services at Airfield Maintenance.

Airport Duty Managers Office: The existing Airport Duty Managers (ADM) offices are located in the Airport Vassar Annex (AVA) warehouse building. The building houses the ADMs, Airport Communications and Purchasing departments. Traveling between the ADMs current office location to anywhere on the airfield or landside requires the ADMs to travel a circuitous and congested section of deteriorated roadway, drive at a low rate of speed, and weave between Air Cargo aircraft. The congestion is created by tugs towing multiple containers as well as other ground equipment in the area. Additional delays can occur if aircraft are pushing back or taxiing in the area as aircraft always have the right of way. The ADM's have a mission critical role to provide quick emergency response. In addition, they need to have quick response during winter operations and to wildlife hazard management. The mission critical roles are hampered by the remote location and lack of connectivity to the airport operation.

RTAA Engineering staff direct selected Paul Cavin Architect LLC based on their experience providing required services, knowledge of weather conditions in the Reno area, knowledge of local labor and material costs, and overall performance with RTAA and other agencies in the Reno area.

The scope of work will include design services and providing construction documents for the bidding of the Airfield Administrative and Airport Duty Managers Offices and was presented and approved by the Board at the June 9, 2022, Board Meeting.

The consultant has completed the plans and specifications and the project is currently out to bid. Three responsive bids were received on December 13, 2022. The low responsive bidder was Reyman Brothers and was awarded by the Board at the January 12, 2023, meeting.

Contractor began construction March 15, 2023. **Based upon some changes in the field at both buildings, the anticipated completion has changed to mid-September 2023.**

The following are project milestones:

- | | |
|----------------------------|-------------------|
| • Consultant Selection | May 2022 |
| • Board Approval of Design | June 9, 2022 |
| • Award PSA | July 5, 2022 |
| • Design Complete | November 1, 2022 |
| • Bidding Advertising | November 8, 2022 |
| • Bids Opened | December 13, 2022 |
| • Board Approval | January 12, 2023 |
| • Construction Start | March 15, 2023 |

The project is on schedule with the next steps are listed below:

- Anticipated Completion **Mid-September 2023**

Shared Use – Construction Only

The construction portion of the Shared Use project includes installation of 12 gate podiums, 12 scanner podiums, and 18 ticketing inserts with corresponding electrical and data runs.

PK Electric, Inc., is providing design services for the electrical and data runs.

The original millwork bid was received and was substantially over budget. Project specifications were revised and rebid. Two bids were received with MSM the being the low bidder. The Board awarded MSM the contract to provide the millwork at the March 9, 2023, Board Meeting. The electrical/data improvement along with installation of the millwork was bid and Q&D was the low bidder. Q&D was awarded the contract by the CEO since the contract was under \$500,000 per Resolution 557. **Millwork for the Ticketing Hall counters has been completed. Q&D Construction has installed eight of the Ticketing Hall counter retrofits. The remaining twelve will be installed by the end of July. Millwork for the Gate Counters and Gate Podiums in the Concourses are in production. Q&D will begin installation in mid-July with anticipated completion in early August.**

The following are project milestones:

- | | |
|--|-------------------|
| • Mill Work Bid Advertising | December 17, 2022 |
| • Millwork Bids Open | February 15, 2023 |
| • Electrical/Data Design Complete | January 2023 |
| • Board Approval – Shared Use Millwork | March 9, 2023 |
| • Electrical/Data Bid Advertising | March 2023 |

- Electrical/Data Bids Opened April 14, 2023

The project is on schedule with the next steps are listed below:

- Electrical Installation April 2023
- Millwork Installation May 12, 2023
- **Ticketing Hall Counter Retrofits End of July 2023**
- **Gate Counters & Podiums Early August 2023**

MZ3 Replacement Project

The scope of work is complete, and the project is in final close-out.

The following are project milestones:

- Contract Award July 25, 2022
- Design Complete September 19, 2022
- Bids Advertised October 14, 2022
- Bids Opened November 17, 2022
- NTP for Procurement January 2023
- NTP for Construction March 27, 2023

The project is on schedule with the next steps listed below:

- Project Completed June 2023
- **Project Closeout July 2023**
-

New Gen B&C (Part of the MoreRNO Program)

The project includes full replacement of the two existing Terminal Concourses, that were originally constructed in 1981, full or partial replacement of the two connector concourses, a new Central Utility Plant (CUP), airfield pavement (apron and taxiway/taxi-lane) work, infrastructure and utility relocation, and demolition of existing structures and pavements.

The project has the following primary goals and objectives:

- Replace the existing twenty-three (23) gate-concourses with twenty-eight (28) gate-concourses,
- Provide taxi-lanes sized to accommodate ADG III aircraft, including dual taxi-lanes between the replacement concourses,
- Maintain the same level of Remain Over Night (RON) aircraft parking spaces after construction,
- Construct a new CUP and protect critical building infrastructure from flooding,
- Provide for expanded and improved spaces for amenities, concessions, holdrooms, circulation, and airport operations,
- Improve passenger and employee experience with higher ceilings, natural light and mountain views, outdoor spaces, intuitive wayfinding, and exceed ADA requirements with adult changing tables in ADA restrooms, an outdoor pet relief area, and built-in lactation rooms with extra amenities such as windows and family seating,
- Improve first floor employee safety and overall functional experience with 50-foot drive tunnels, open interior circulation halls, orderly distribution and location of airport, airline, and concession spaces, and a centralized distribution center, and
- Reduce construction impacts on passengers, tenant employees, and aircraft operations when possible.

The following are project milestones:

• Planning Study Completed	February 2023
• Design RFQ Issued	February 13, 2023
• Consultant SOQs Received	March 13, 2023
• Selection Committee Meeting	March 29, 2023
• Short-List Interviews	April 6-7, 2023
• Notice of Intent to Award	April 10, 2023
• Scope & Fee Kick Off Meeting	April 18, 2023
• FAA Approval to Collect PFCs	April 24, 2023
• Scope and Fee Negotiations	April – May 2023
• CMAR RFP Issued	May 9, 2023
• CMAR RFP Pre-Proposal Meeting	May 19, 2023
• Design PSA Board Approval (Pt. 1)	June 8, 2023
• CMAR RFP Proposals Due	June 21, 2023
• Notice to Proceed for Design (Pt. 1)	July 2023
• Design Contract Awarded	June 20, 2023

Next steps for the project are listed below:

• Design PSA Board Approval (Pt. 2)	August 2023
• CMAR Evaluations & Negotiations	July – August 2023
• CMAR Recommendation to Board	September 14, 2023

Runway 17R-35L Remediation

The Contractor has completed construction staging, grinding, **grooving, light can replacements, painting, and continues to work on remediating the rough surfaces and overall cleanup. Flight check by the FAA was completed on May 31, 2023. The Runway opened for departure flights on June 15, 2023.** Staff is working daily with the contractor, owner's representative, and consultants to document the **remediation results of RWY 17R-35L.**

Next steps for the project are listed below:

• Remediation efforts completed	June 15, 2023
• RWY 17R-35L to reopen for arrivals	July 3, 2023

PLANNING PROJECTS

No projects. All planning projects have transitioned to the Engineering & Construction section.

Administrative Report

Date: July 11, 2023
To: All Board Members
From: Daren Griffin, President/CEO
Subject: Administrative Award of Contracts (Expenditures) Pursuant to Resolution No. 557 for the Month of June 2023

BACKGROUND

At the July 14, 2022, Board of Trustees' Meeting of the Reno-Tahoe Airport Authority, the Board approved Resolution No. 557 authorizing the President/CEO to administratively award contracts for:

- budgeted professional services when the scope of work is \$200,000 or less, and to approve amendments where the sum of the total net of amendments per agreement does not to exceed \$50,000; and
- budgeted goods, materials, supplies, equipment, technical services, and maintenance contracts when the estimated amount to perform the contract, including all change orders, is \$250,000 or less; and
- budgeted construction contracts when the estimated amount to perform the work is \$500,000 or less, and approve change orders to construction contracts where the sum of the total net of change orders per contract does not exceed \$250,000; and
- budgeted Construction Management and Administration professional service agreements and amendments ("Work Order") where a single Work Order does not exceed \$250,000.

All construction contracts exceeding \$500,000 must be approved by the Board of Trustees, along with a request to establish an Owner's Contingency. Additionally, if the Board of Trustees originally approved the construction contract, any construction change order exceeding the sum of the total of the contract and Owner's Contingency must also be approved by the Board.

DISCUSSION

Resolution No. 557 requires that the President/CEO provide the Board of Trustees with a monthly administrative report listing of all agreements and purchase orders in excess of \$25,000 and approved administratively as a result of this Resolution. Further, all change orders and amendments approved administratively as a result of this Resolution shall be included in a separate administrative report regardless of value.

June 2023 – Agreements and POs in Excess of \$25,000

Date	Name of Company	Dollar Amount	Description	Funding Source	Department / Division
06/01/23	EYEP-Solutions Inc	\$48,214.29	A PO was issued for Extreme Networks Service Units.	FY23 O&M	Technology & Information Systems
06/15/23	Maise Group LLC	\$184,800.96	A PO was issued for Microsoft 365 GCC for 12 months.	FY23 O&M	Technology & Information Systems
06/15/23	Economic Development Authority Of	\$25,000.00	A PO was issued for semi-annual dues.	FY23 O&M	President/CEO
06/28/23	Maise Group LLC	\$43,194.78	A PO was issued for Annual Server Support.	FY23 O&M	Technology & Information Systems

June 2023 – Change Orders, Amendments, and Work Orders

Date	Name of Company	Dollar Amount	Description	Funding Source	Department / Division
12/14/22	Tungsten Engineering	(\$6,000.00)	CO#2 for the RTS Erosion Control Project was final adjusted quantities (see attached).	FY23 CIP	Engineering & Construction
05/16/23	PK Electrical, Inc.	\$25,000.00	Amendment #1 for the Electrical Masterplan Equipment Evaluation added additional scope to include the terminal and Maintenance Buildings at RTS, as well as the Fire House, SRE, Airfield Maintenance, and AVA Buildings at RNO. Revised PSA, including Amendment #1, equals \$75,000.00.	FY23 O&M	Engineering & Construction
05/18/23	Mead & Hunt, Inc.	\$0	A \$0 amendment was applied to the base contract for the Concourse Planning Study to add scope for consulting services related to FAA AIP and BIL funding for the CUP. Although the base contract was a fixed fee, the consultant determined approximately \$39,909 of remaining budget towards the new scope.	FY19 CIP	Planning & Environmental
05/25/23	Granite Construction Co.	(\$1,646,954.45)	Deductive CO#6 applied base bid and bid alt #2 final adjusted quantities (see attached). Final contract sum, including this CO, equals \$41,724,221.38.	Multiple Funding Sources / Fiscal Years: CIP and AIP Grants	Engineering & Construction
06/05/23	Reyman Brothers Construction, Inc.	\$48,808.64	Owner's Contingency CO#3 for the Airfield Admin and Airport Ops Admin Offices Remodel Project for additional scope of work (see attached). Revised contract sum, including OCCO#3, equals \$1,655,676.38.	FY23 CIP	Engineering & Construction
06/06/23	Gardner Engineering	\$5,886.00	Owner's Contingency CO#2 for the MZ-3 Replacement Project provides for additional scope of work (see attached). Revised contract sum, including OCCO#2, equals \$312,405.00.	FY23 CIP	Engineering & Construction
06/22/23	Gardner Engineering	\$3,533.00	Owner's Contingency CO#3 for the MZ-3 Replacement Project provides for additional scope of work (see attached). Revised contract sum, including OCCO#3, equals \$315,938.00.	FY23 CIP	Engineering & Construction
06/27/23	McCarthy Building Companies, Inc.	(\$10,000.00)	CO#3, a deductive CO, for decreasing Schedule of Values in Owner's Contingency (Ticketing Hall Expansion Project, GMP #2) (see attached). Revised GMP, including this CO, equals \$25,881,971.68.	FY23 CIP	Engineering & Construction

Key to abbreviations:

AIP = Airport Improvement Project
CIP = Capital Improvement Program
CFC = Customer Facility Charge

CO = Change Order
NTE = Not to Exceed
PFC = Passenger Facility Charge

WO = Construction Mgmt Work Order
PO = Purchase Order
PSA = Professional Service Agreement

**CHANGE
ORDER****Distribution to:**

RTAA PURCHASING	<input checked="" type="checkbox"/>
PM	<input checked="" type="checkbox"/>
CM	<input checked="" type="checkbox"/>
ENGINEER	<input checked="" type="checkbox"/>
CONTRACTOR	<input checked="" type="checkbox"/>
FAA	<input type="checkbox"/>

Reno-Tahoe Airport Authority

Reno-Tahoe International Airport
Reno-Stead Airport
Box 12490
Reno, NV 89510



Project: Reno-Stead Erosion Control Project

Solicitation #: ITB #22/23-11

To: Tungsten Engineering Contractors, LLC
5470 Kietzke Lane, Suite 337
Reno, NV 89511

Change Order Number 02

Change Order Initiation Date: December 12, 2022

AIP No. N/A

Original Contract Date: October 3, 2022

You are directed to make the following changes in the Contract:

Final Adjusted Quantities (see exhibit A) (\$6,000.00)

All other terms, conditions, and requirements not modified herein remain unchanged.

Not valid until signed by ALL parties. Execution of this Change Order by both Owner and Contractor constitutes a binding agreement and serves as a full accord and satisfaction of any claim, demand, lien, stop notice or further request for compensation, past or present, known or unknown, and/or time extension arising out of or by virtue of the work described above in the Change Order. Contractor's signature indicates agreement herewith, including any adjustments in the Contract Sum or Contract Time.

The Original Contract Sum was.....	\$320,074.00
Net Changes by Previously Authorized Change Orders	\$59,230.00
Net Changes by Previously Authorized Contingency Change Orders	\$0.00
The Revised Contract Sum Prior to this Change Order was	\$379,304.00
The Contract Sum will be decreased by this Change Order.	(\$6,000.00)
The new Contract Sum, including this Change Order will be	\$373,304.00

The Contract Completion date prior to this Change Order was November 30, 2022.

The Contract Time will not change due to this change order.

Authorized By:

Atkins North America

Construction Manager
10509 Professional Cir. Ste 103
Reno, NV 89521

By: Brian Janes

12/12/22

Date

Atkins North America

Construction Manager
10509 Professional Cir. Ste 103
Reno, NV 89521

By: Brian Janes

12/12/22

Date

Tungsten Engineering

Contractor
5470 Kietzke Lane, Suite 337
Reno, NV 89511

By: Heather Hellickson

12/14/22

Date

Reno-Tahoe Airport Authority

Owner
P.O. Box 12490
Reno, NV 89510

By: Chris Cobb

12/14/2022

Date

Exhibit A

RTS EROSION CONTROL PROJECT - FINAL ADJUSTED QUANTITIES

Item #	Description		Quantity				Cost			
		Unit	Estimated	Measured	Over/Under	% Complete	Unit Cost	Bid Price	\$ Extended (Measured)	\$ Over/Under
1	Airport Safety & Security	LS	1	1.00	0.00	100.00%	\$1,500.00	\$ 1,500.00	\$ 1,500.00	\$ -
2	Clearing and Grubbing	LS	1	1.00	0.00	100.00%	\$10,000.00	\$ 10,000.00	\$ 10,000.00	\$ -
3	Remove and Replace Perimeter Fence (Contingent)	LF	30	-	(30.00)	0.00%	\$200.00	\$ 6,000.00	\$ -	\$ (6,000.00)
4	Earthwork	CY	493	493.00	0.00	100.00%	\$60.00	\$ 29,580.00	\$ 29,580.00	\$ -
5	Install 12" D50 Riprap with Non-Woven Geotextile	CY	74	74.00	0.00	100.00%	\$400.00	\$ 29,600.00	\$ 29,600.00	\$ -
6	Install 24" D50 Riprap with Non-Woven Geotextile	CY	278	278	0.00	100.00%	\$250.00	\$ 69,500.00	\$ 69,500.00	\$ -
7	Install 3'x3'x3' Gabion Baskets with 6" Rock and Non-Woven Geotextile	EA	99	99	0.00	100.00%	\$900.00	\$ 89,100.00	\$ 89,100.00	\$ -
8	Install 12" Thick Gabion Mattress with Non-Woven Geotextile	SF	1,305	1,305	0.00	100.00%	\$35.00	\$ 45,675.00	\$ 45,675.00	\$ -
9	Place Type 2, Class B Aggregate Base for Maintenance Road (Contingent)	CY	64	64.00	0.00	100.00%	\$250.00	\$ 16,000.00	\$ 16,000.00	\$ -
10	Mobilization	LS	1	1.00	0.00	100.00%	\$23,119.00	\$ 23,119.00	\$ 23,119.00	\$ -
	CHANGE ORDERS							\$ -	\$ -	\$ -
1	Install D50 Rip Rap and Additional excavation for channel realignment	LS	1	1.00	0.00	100.00%	\$ 59,230.00	\$ 59,230.00	\$ 59,230.00	\$ -
	Total							\$ 379,304.00	\$ 373,304.00	\$ (6,000.00)

**CHANGE
ORDER****Distribution to:**

RTAA PURCHASING	<input checked="" type="checkbox"/>
PM	<input checked="" type="checkbox"/>
CM	<input checked="" type="checkbox"/>
ENGINEER	<input checked="" type="checkbox"/>
CONTRACTOR	<input checked="" type="checkbox"/>
FAA	<input checked="" type="checkbox"/>

Reno-Tahoe Airport Authority

Reno-Tahoe International Airport
Reno-Stead Airport
P.O. Box 12490
Reno, NV 89510



Project: Runway 16R-34L Reconstruction Project
RTAA Project #: R19005A

Change Order Number 06
Initiation Date: May 11, 2023
AIP No. 3-32-0017-106
Original Contract Date: April 8, 2020

To: Granite Construction Company
P.O. Box 2087
Sparks, NV 89431

You are directed to make the following changes in the Contract:

PCO No. 08 – MagVar Striping & Signage Changes	(\$15.68)
PCO No. 23 – East Airfield Lighting Vault Fiber Connectivity	(\$1.32)
PCO No. 26 – Spare Runway Light Fixtures	(\$2.94)
PCO No. 28 – Remove and Replace Electrical Vault Lids	(\$0.18)
PCO No. 29 – Additional Spare Runway Light Fixtures	(\$0.07)
PCO No. 30 – Procure Additional Paint and Beads	(\$1.75)
Base Bid Final Adjusted Quantities	17,073.06
Bid Alternate No. 02 Final Adjusted Quantities	<u>(1,664,005.57)</u>

Total (\$1,646,954.45)

All other terms, conditions, and requirements not modified herein remain unchanged.

Not valid until signed by ALL parties. Execution of this Change Order by both Owner and Contractor constitutes a binding agreement and serves as a full accord and satisfaction of any claim, demand, lien, stop notice or further request for compensation, past or present, known or unknown, and/or time extension arising out of or by virtue of the work described above in the Change Order. Contractor's signature indicates agreement herewith, including any adjustments in the Contract Sum or Contract Time.

The Original Contract Sum was.....	\$44,518,615.00
Net Changes by Previously Authorized Change Orders.....	(\$1,147,439.17)
Net Changes by Previously Authorized Contingency Change Orders.....	\$0.00
The Revised Contract Sum Prior to this Change Order was.....	\$43,371,175.83
The Contract Sum will be decreased by this Change Order.	(\$1,646,954.45)
The new Contract Sum, including this Change Order will be	\$41,724,221.38

The Contract Completion date prior to this Change Order was October 8, 2021.

The Contract time was suspended from October 17, 2021, through October 9, 2022

The Contract Time will be increased by fifty-three (53) calendar days until MagVar work commenced on October 10, 2022.

The Contract completion date, as of the date of this Change Order, therefore is November 23, 2022.

Authorized By:

Atkins North America
Construction Manager
10509 Professional Cir. Ste 103
Reno, NV 89521

Wood Rodgers, Inc.
Engineer
1361 Corporate Blvd
Reno, NV 89502

Granite Construction Co.
Contractor
P.O. Box 2087
Sparks, NV 89431

Reno-Tahoe Airport Authority
Owner
P.O. Box 12490
Reno, NV 89510

By: Kara Bymers
05/11/2023

Date

Digitally signed by Brian
Martinezmoles
Date: 2023.05.22 16:05:23 -07'00'

By: Brian Martinezmoles

Date

By: Matt Cates

5/15/23

Date

By:

5/25/2023

Date

Enclosure: Exhibit A – PCO Coversheets
Exhibit B – Base Bid Final Adjusted Quantities
Exhibit C – Bid Alternate No. 02 Final Adjusted Quantities

Exhibit A



Member of the SNC-Lavalin Group

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Fax: +1.775.851.1687
www.atkinsglobal.com/northamerica

March 30, 2023

Mr. Matt Cates
Area Manager
Granite Construction Company
1900 Glendale Avenue
Sparks, NV 89431

Subject: Runway 16R-34L Reconstruction Project
Reno-Tahoe International Airport
Potential Change Order No. 08
MagVar Striping & Signage Changes

Dear Mr. Cates:

This Potential Change Order (PCO) sets forth the terms and conditions to provide labor, equipment, material and full compensation to perform the required MagVar changes that were rescheduled to begin October 2022 due to FAA COVID-19 shutdown. The cost for this work is offset with deleting unused contingent items and reducing unused quantity of Bid Item L-108-1.

The following adjustment shall be made to Bid Alternate 2 Schedule of Values:

PCO 08-01, MagVar Striping & Signage Changes	
• One Lump Sum price	\$256,806.12
Bid Item P-152-3, Excavation & Embankment of Unsuitable Material (Contingent)	
• Delete the remaining quantity of 2,945 CY (2,954 CY @ \$42.00/CY)	(\$124,068.00)
Bid Item L-108-1, 1-1/C No. 8 AWG, 5kV, L-824C Cable	
• Delete the remaining quantity of 66,648 LF (66,648 LF @ \$1.60/LF)	(\$106,636.80)
Bid Item P-209-2, Crushed Aggregate Base Leveling Course (P-209) (Contingent)	
• Decrease the estimated quantity of 5,000 Ton to 3,726 Ton (1,274 Ton @ \$20.50/Ton)	(\$26,117.00)
Total	(\$15.68)

The total deductive amount approved for this change is **(\$15.68)**. Granite Construction Company will receive 50 calendar days added to the contract duration for this change.

If the above terms and conditions are acceptable, please indicate by signing below and returning the original letter to this office. Upon receiving all approvals, the necessary change order documentation will be processed. A fully executed copy of this PCO will be forwarded to Granite Construction Company. If you have any questions, please call me at (775) 828-1622.

Sincerely,



Kara Bymers
Senior Construction Manager

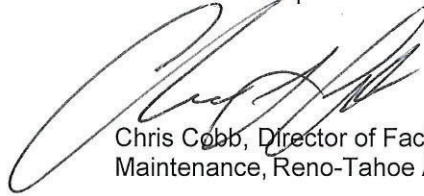


Matt Cates, Area Manager
Granite Construction Company

Concur:



Tony Curatolo, Project Manager
Reno-Tahoe Airport Authority



Chris Cobb, Director of Facilities and
Maintenance, Reno-Tahoe Airport Authority

Enclosure: Granite Construction's Time and Material Sheets.

File: 40.08.08



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December 17, 2021

Mr. Matt Cates
Area Manager
Granite Construction Company
1900 Glendale Avenue
Sparks, NV 89431

Subject: Runway 16R-34L Reconstruction Project
Reno-Tahoe International Airport
Potential Change Order No. 23
East Airfield Lighting Vault Fiber Connectivity and Contingent Bid Item Deduct
Letter Serial No. R19005A-OGCC-271

Dear Mr. Cates:

This Potential Change Order (PCO) sets forth the terms and conditions to provide labor, equipment, material and full compensation to upgrade the existing fiber optic communication line between the West Airfield Lighting Vault to the East Airfield Lighting Vault. The cost of this work is offset with deleting unused quantity of contingent bid items.

The following adjustments shall be made to Base Bid Schedule of Values:

PCO 23-01, Single Mode Fiber Optic and Associated Hardware Installation	
• One lump sum	\$50,698.68
Bid Item P-152-3, Excavation and Embankment of Unsuitable Material (Contingent)	
• Delete the remaining quantity (600 CY @ \$42.00/CY)	(\$25,200.00)
Bid Item P-152-5, Disposal of Contaminated Material (Contingent)	
• Delete the remaining quantity (118 CY @ \$125.00/CY)	(\$14,750.00)
Bid Item P-620-6, Miscellaneous Permanent Reflective Airfield Pavement Markings (Contingent Item)	
• Decrease the estimated quantity of 50,000 SF to 39,250 SF (10,750 SF @ \$1.00/SF)	<u>(\$10,750.00)</u>
Total	(\$1.32)

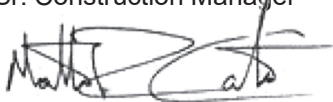
The total deductive amount approved for this change is **(\$1.32)**. Granite Construction Company has not asked for and will not receive any days added to the contract duration for this change.

If the above terms and conditions are acceptable, please indicate by signing below and returning the original letter to this office. Upon receiving all approvals, the necessary change order documentation will be processed. A fully executed copy of this PCO will be forwarded to Granite Construction Company. If you have any questions, please call me at (775) 828-1622.

Sincerely,



Joe Mamola
Sr. Construction Manager

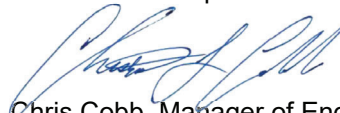


Matt Cates, Area Manager
Granite Construction Company

Concur:



Tony Curatolo, Project Manager
Reno-Tahoe Airport Authority



Chris Cobb, Manager of Engineering &
Construction Reno-Tahoe Airport Authority

Enclosure: Granite Construction's Time and Material Sheets.

File: R19005A.70.03; R19005A.40.08.23



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December 17, 2021

Mr. Matt Cates
Area Manager
Granite Construction Company
1900 Glendale Avenue
Sparks, NV 89431

Subject: Runway 16R-34L Reconstruction Project
Reno-Tahoe International Airport
Potential Change Order No. 26
Spare Runway Light Fixtures
Letter Serial No. R19005A-OGCC-272

Dear Mr. Cates:

This Potential Change Order (PCO) sets forth the terms and conditions to purchase and deliver to the owner, the following spare runway light fixtures:

3 EA Runway Centerline Lights Red/White
3 EA Runway Centerline Lights White/White
3 EA Elevated Runway Edge Lights White/White
3 EA Elevated Runway Edge Lights White/Yellow
1 EA Runway End light – Left - Red/Red
1 EA Runway End Light – Right - Red/Red
1 EA Displaced Threshold – Left - Green/Blank
1 EA Displaced Threshold – Right - Green/Blank

The cost of this material is offset with deleting unused quantity of contingent item P-620-6.

The following adjustments shall be made to Base Bid Schedule of Values:

PCO 26-01, Spare Runway Lights	
• One lump Sum	\$15,022.06
Bid Item P-620-6, Miscellaneous Permanent Reflective Airfield Pavement Markings (Contingent Item)	
• Decrease the estimated quantity of 39,250 SF to 24,225 SF (15,025 SF @ \$1.00/SF)	(\$15,025.00)

The total deductive amount approved for this change is **(\$2.94)**. Granite Construction Company has not asked for and will not receive any days added to the contract duration for this change.

If the above terms and conditions are acceptable, please indicate by signing below and returning the original letter to this office. Upon receiving all approvals, the necessary change order documentation will be processed. A fully executed copy of this PCO will be forwarded to Granite Construction Company. If you have any questions, please call me at (775) 828-1622.

Sincerely,



Joe Mamola
Sr. Construction Manager



Matt Cates, Area Manager
Granite Construction Company

Concur:



Tony Curatolo, Project Manager
Reno-Tahoe Airport Authority



Chris Cobb, Manager of Engineering &
Construction Reno-Tahoe Airport Authority

Enclosure: Granite Construction's Time and Material Sheets.

File: R19005A.70.03; R19005A.40.08.26



Member of the SNC-Lavalin Group

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www.atkinsglobal.com/northamerica

March 30, 2023

Mr. Matt Cates
Area Manager
Granite Construction Company
1900 Glendale Avenue
Sparks, NV 89431

Subject: Runway 16R-34L Reconstruction Project
Reno-Tahoe International Airport
Potential Change Order No. 28
Remove and Replace Electrical Vault Lids

Dear Mr. Cates:

This Potential Change Order (PCO) sets forth the terms and conditions to provide labor, equipment, material and full compensation to remove and replace six (6) 36-inch electrical vault lids. The cost for this work is offset with deleting unused quantity of Bid Item L-108-2.

The following adjustment shall be made to Bid Alternate 2 Schedule of Values:

PCO 28-01, Remove and Replace Electrical Vault Lids	
• One Lump Sum price	\$50,254.22
Bid Item L-108-2, 1-1/C No. 6 AWG, 600V, Ground Wire	
• Decrease the estimated quantity of 104,196 LF to 41,378 LF (62,818 LF @ \$0.80/LF)	(\$50,254.40)
Total	(\$0.18)

The total deductive amount approved for this change is **(\$0.18)**. Granite Construction Company has not asked for and will not receive any days added to the contract duration for this change.

If the above terms and conditions are acceptable, please indicate by signing below and returning the original letter to this office. Upon receiving all approvals, the necessary change order documentation will be processed. A fully executed copy of this PCO will be forwarded to Granite Construction Company. If you have any questions, please call me at (775) 828-1622.

Sincerely,

Kara Bymers
Senior Construction Manager

Matt Cates, Area Manager
Granite Construction Company

Concur:

Tony Curatolo, Project Manager
Reno-Tahoe Airport Authority

Chris Cobb, Director of Facilities and
Maintenance, Reno-Tahoe Airport Authority

Enclosure: Granite Construction's Time and Material Sheets.

File: 40.08.08



Member of the SNC-Lavalin Group

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www.atkinsglobal.com/northamerica

March 30, 2023

Mr. Matt Cates
Area Manager
Granite Construction Company
1900 Glendale Avenue
Sparks, NV 89431

Subject: Runway 16R-34L Reconstruction Project
Reno-Tahoe International Airport
Potential Change Order No. 29
Additional Spare Runway Light Fixtures

Dear Mr. Cates:

This Potential Change Order (PCO) sets forth the terms and conditions to purchase and deliver to the owner, the following spare runway light fixtures:

2 EA, L-850C BI,W-L,W-R,60Hz,NO M,1CD,W/AK
1 EA, L-850C BI,Y-L,W-R,60Hz,NO M,1CD,W/ AK

The cost of this material is offset with deleting unused quantity of Bid Item P-620-5.

The following adjustments shall be made to Base Bid Schedule of Values:

PCO 29-01, Spare Runway Lights

- One lump Sum \$4,480.93

Bid Item P-620-5, Permanent Reflective Airfield Pavement Markings

- Decrease the estimated quantity of 410,000 SF to 405,519 SF
(4,481 SF @ \$1.00/SF) (\$4,481.00)

The total deductive amount approved for this change is **(\$0.07)**. Granite Construction Company has not asked for and will not receive any days added to the contract duration for this change.

If the above terms and conditions are acceptable, please indicate by signing below and returning the original letter to this office. Upon receiving all approvals, the necessary change order documentation will be processed. A fully executed copy of this PCO will be forwarded to Granite Construction Company. If you have any questions, please call me at (775) 828-1622.

Sincerely,

Kara Bymers
Senior Construction Manager

Matt Cates, Area Manager
Granite Construction Company

Concur:

Tony Curatolo, Project Manager
Reno-Tahoe Airport Authority

Chris Cobb, Director of Facilities and
Maintenance, Reno-Tahoe Airport Authority

Enclosure: Granite Construction's Time and Material Sheets

File: 40.08.29



Member of the SNC-Lavalin Group

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Reno, NV 89521-8991
Telephone: +1.775.828.1622
Fax: +1.775.851.1687
www.atkinsglobal.com/northamerica

March 30, 2023

Mr. Matt Cates
Area Manager
Granite Construction Company
1900 Glendale Avenue
Sparks, NV 89431

Subject: Runway 16R-34L Reconstruction Project
Reno-Tahoe International Airport
Potential Change Order No. 30
Procure Additional Paint and Beads

Dear Mr. Cates:

This Potential Change Order (PCO) sets forth the terms and conditions to purchase and deliver to the owner deliver three (3) totes of Ozark white paint and 6,000 pounds of Swarco Type 3 glass beads. The cost of this material is offset with deleting unused quantity of contingent item P-620-3.

The following adjustment shall be made to Base Bid Schedule of Values:

PCO 30-01, Furnish White Striping Paint & Glass Beads	
• One Lump Sum price	\$48,871.35
Bid Item P-620-3, Thermoplastic Runway Holding Position Surface Painted Sign Removal	
• Decrease the estimated quantity of 25,000 SF to 20,694 SF (4306 SF @ \$11.35/SF)	(\$48,873.10)
Total	(\$1.75)

The total deductive amount approved for this change is **(\$1.75)**. Granite Construction Company has not asked for and will not receive any days added to the contract duration for this change.

If the above terms and conditions are acceptable, please indicate by signing below and returning the original letter to this office. Upon receiving all approvals, the necessary change order documentation will be processed. A fully executed copy of this PCO will be forwarded to Granite Construction Company. If you have any questions, please call me at (775) 828-1622.

Sincerely,

Kara Bymers
Senior Construction Manager

Matt Cates, Area Manager
Granite Construction Company

Concur:

Tony Curatolo, Project Manager
Reno-Tahoe Airport Authority

Chris Cobb, Director of Facilities and
Maintenance, Reno-Tahoe Airport Authority

Enclosure: Granite Construction's Time and Material Sheets.

File: 40.08.08

Exhibit B

Runway 16R-34L Project Phase 2

Base Bid Final Adjusted Quantities										
Item #	Description	Unit	Quantity				Cost			
			Estimated	Measured	Over/Under	% Complete	Unit Cost	Bid Price	\$ Extended (Measured)	\$ Over/Under
C-105-1	Mobilization	LS	1	1.00	0.00	100.00%	\$ 755,000.00	\$ 755,000.00	\$ 755,000.00	\$ -
C-106-1	Airport Safety and Security	LS	1	1.00	0.00	100.00%	\$ 2,321,078.50	\$ 2,321,078.50	\$ 2,321,078.50	\$ -
P-101-1	Remove Bituminous Pavement Section (2-6 inch thick)	SY	31,750	31,820.80	70.80	100.22%	\$ 5.50	\$ 174,625.00	\$ 175,014.40	\$ 389.40
P-101-2	Remove Pavement Section (15-20 PCCP & 6 to 8 inch ATPB/CTB) (Modified by PCO 16)	SY	2,139	1,936.00	(203.00)	90.51%	\$ 76.00	\$ 162,564.00	\$ 147,136.00	\$ (15,428.00)
P-152-1	Unclassified Excavation and Export	CY	3,500	3,500.00	0.00	100.00%	\$ 20.00	\$ 70,000.00	\$ 70,000.00	\$ -
P-152-2	Unclassified Excavation and Embankment	CY	2,000	2,000.00	0.00	100.00%	\$ 11.00	\$ 22,000.00	\$ 22,000.00	\$ -
P-152-3	Excavation and Embankment of Unsuitable Material (Contingent) (Modified By PCO 14, 23)	CY	0	-	0.00	100.00%	\$ 42.00	\$ -	\$ -	\$ -
P-152-4	Subgrade/Subbase Preparation (Modified by PCO 16)	SY	11,114	12,501.00	1387.00	112.48%	\$ 2.50	\$ 27,785.00	\$ 31,252.50	\$ 3,467.50
P-152-5	Disposal of Contaminated Material (Contingent) (Modified By PCO 14, 19, 23)	CY	0	-	0.00	100.00%	\$ 125.00	\$ -	\$ -	\$ -
P-201S-1	Asphalt Treated Permeable Base (P-201) (6 inch thick) (Modified by PCO 16)	SY	1,147	1,095.50	(51.50)	95.51%	\$ 20.00	\$ 22,940.00	\$ 21,910.00	\$ (1,030.00)
P-209-1	Crushed Aggregate Base Course (P-209) (6 inch thick)	SY	9,000	10,565.00	1565.00	117.39%	\$ 11.00	\$ 99,000.00	\$ 116,215.00	\$ 17,215.00
P-403-1	Hot Mix Asphalt (HMA) Pavement (P-403) (6 inch thick)	SY	9,000	10,565.00	1565.00	117.39%	\$ 32.00	\$ 288,000.00	\$ 338,080.00	\$ 50,080.00
P-403-2	Hot Mix Asphalt (HMA) Base (P-403) (6 inch thick) (Modified by PCO 16)	SY	967	840.50	(126.50)	86.92%	\$ 32.00	\$ 30,944.00	\$ 26,896.00	\$ (4,048.00)
P-501-1	Portland Cement Concrete Pavement (P-501) (17 inch thick) (Modified by PCO 16)	SY	2,114	1,862.21	(251.79)	88.09%	\$ 164.00	\$ 346,696.00	\$ 305,402.44	\$ (41,293.56)
P-620-1	Airfield Striping Removals	SF	375,000	457,859.76	82859.76	122.10%	\$ 1.15	\$ 431,250.00	\$ 526,538.72	\$ 95,288.72
P-620-2	Airfield Striping Removals (Contingent Item) (Modified By PCO 14)	SF	125,000	6,744.00	(118256.00)	5.40%	\$ 0.60	\$ 75,000.00	\$ 4,046.40	\$ (70,953.60)
P-620-3	Thermoplastic Runway Holding Position Surface Painted Sign Removal (Modified By PCO 30)	SF	20,694	19,725.25	(968.75)	95.32%	\$ 11.35	\$ 234,876.90	\$ 223,881.60	\$ (10,995.30)
P-620-4	Airfield Striping Cleaning	SF	125,000	161,756.00	36756.00	129.40%	\$ 0.45	\$ 56,250.00	\$ 72,790.20	\$ 16,540.20
P-620-5	Permanent Reflective Airfield Pavement Markings (Modified By PCO 29)	SF	405,519	358,951.00	(46568.00)	88.52%	\$ 1.00	\$ 405,519.00	\$ 358,951.00	\$ (46,568.00)
P-620-6	Miscellaneous Permanent Reflective Airfield Pavement Markings (Contingent Item) (Modified By PCO 14, 26)	SF	24,225	11,119.25	(13105.75)	45.90%	\$ 1.00	\$ 24,225.00	\$ 11,119.25	\$ (13,105.75)
P-620-7	Permanent Non-Reflective Airfield Pavement Marking	SF	155,000	156,223.75	1223.75	100.79%	\$ 0.60	\$ 93,000.00	\$ 93,734.25	\$ 734.25
P-620-8	Miscellaneous Permanent Non-Reflective Airfield Pavement Marking (Contingent Item) (Modified By PCO 14)	SF	20,000	7,385.00	(12615.00)	36.93%	\$ 0.60	\$ 12,000.00	\$ 4,431.00	\$ (7,569.00)
P-620-9	Thermoplastic Runway Holding Position Surface Painted Sign	EA	38	41.00	3.00	107.89%	\$ 12,000.00	\$ 456,000.00	\$ 492,000.00	\$ 36,000.00
P-620-10	Thermoplastic Taxiway Directional Marking	EA	3	3.00	0.00	100.00%	\$ 12,000.00	\$ 36,000.00	\$ 36,000.00	\$ -
P-621-5.1	Grooving (Modified by PCO 16)	SY	2,114	1,935.00	(179.00)	91.53%	\$ 34.00	\$ 71,876.00	\$ 65,790.00	\$ (6,086.00)
T-908-1	Remove, Stockpile, and Reset Existing Surface Rock (3-6 inch thick)	SY	30,500	13,848.70	(16651.30)	45.41%	\$ 1.00	\$ 30,500.00	\$ 13,848.70	\$ (16,651.30)
T-908-2	Import and Place Surface Rock (3 inch thick)	SY	21,500	40,465.00	18965.00	188.21%	\$ 2.50	\$ 53,750.00	\$ 101,162.50	\$ 47,412.50
L-108-1	1-1/C No. 8 AWG, 5 kV, L-824C Cable (Modified By PCO 10a)	LF	1,216	1,216.00	0.00	100.00%	\$ 2.20	\$ 2,675.20	\$ 2,675.20	\$ -
L-108-2	1-1/C No. 6 AWG, 600V Ground Wire (Modified By PCO 10a)	LF	616	616.00	0.00	100.00%	\$ 1.40	\$ 862.40	\$ 862.40	\$ -
L-110-1	2W-3" FAA Ductbank	LF	785	576.00	(209.00)	73.38%	\$ 105.00	\$ 82,425.00	\$ 60,480.00	\$ (21,945.00)
L-110-2	2W-4" FAA Ductbank	LF	1,540	1,432.00	(108.00)	92.99%	\$ 107.00	\$ 164,780.00	\$ 153,224.00	\$ (11,556.00)
L-110-3	4W-3" FAA Ductbank	LF	2,150	2,321.00	171.00	107.95%	\$ 124.00	\$ 266,600.00	\$ 287,804.00	\$ 21,204.00
L-110-4	4W-4" FAA Ductbank	LF	260	177.00	(83.00)	68.08%	\$ 141.00	\$ 36,660.00	\$ 24,957.00	\$ (11,703.00)
L-110-5	1W-2" AFL Concrete Encased Electrical Conduit in New PCC	LF	210	-	(210.00)	0.00%	\$ 25.00	\$ 5,250.00	\$ -	\$ (5,250.00)
L-110-11	6W-2" FAA Ductbank	LF	310	358.00	48.00	115.48%	\$ 163.00	\$ 50,530.00	\$ 58,354.00	\$ 7,824.00
L-115-1	4' by 4' by 4' Electrical Handhole - Aircraft Rated (Modified By PCO 01)	EA	25	25.00	0.00	100.00%	\$ 24,000.00	\$ 600,000.00	\$ 600,000.00	\$ -
L-125-1	3-Mod Lighted Sign (L) on Existing Foundation	EA	5	5.00	0.00	100.00%	\$ 5,700.00	\$ 28,500.00	\$ 28,500.00	\$ -
L-125-2	Panel (Any Length) on Existing Sign (for Mag Var)	EA	57	64.00	7.00	112.28%	\$ 1,700.00	\$ 96,900.00	\$ 108,800.00	\$ 11,900.00
L-125-3	L-868B Base Can w/ Extension	EA	4	-	(4.00)	0.00%	\$ 1,700.00	\$ 6,800.00	\$ -	\$ (6,800.00)
L-128-1	Demolition and Removal of Electrical Work	LS	1	1.00	0.00	100.00%	\$ 194,000.00	\$ 194,000.00	\$ 194,000.00	\$ -
L-128-2	Temporary Airfield Electrical Work	LS	1	1.00	0.00	100.00%	\$ 61,000.00	\$ 61,000.00	\$ 61,000.00	\$ -
L-128-3	Miscellaneous Airfield Electrical Work	LS	1	1.00	0.00	100.00%	\$ 111,000.00	\$ 111,000.00	\$ 111,000.00	\$ -
L-146-1	RW 16R MALSR Threshold Bar	LS	1	1.00	0.00	100.00%	\$ 160,000.00	\$ 160,000.00	\$ 160,000.00	\$ -
L-146-2	RW 16R MALSR Station 2, 4, 6 & 8	LS	1	1.00	0.00	100.00%	\$ 192,000.00	\$ 192,000.00	\$ 192,000.00	\$ -
L-146-3	RW 16R MALSR Station 10	LS	1	1.00	0.00	100.00%	\$ 143,000.00	\$ 143,000.00	\$ 143,000.00	\$ -
L-146-4	RW 16R MALSR Station 12	LS	1	1.00	0.00	100.00%	\$ 46,000.00	\$ 46,000.00	\$ 46,000.00	\$ -
L-146-5	RW 16R MALSR Station 14	LS	1	1.00	0.00	100.00%	\$ 17,000.00	\$ 17,000.00	\$ 17,000.00	\$ -
L-146-6	RW 16R MALSR Station 16, 18 & 20	LS	1	1.00	0.00	100.00%	\$ 52,000.00	\$ 52,000.00	\$ 52,000.00	\$ -
L-146-7	RW 16R MALSR Station 22	LS	1	1.00	0.00	100.00%	\$ 17,000.00	\$ 17,000.00	\$ 17,000.00	\$ -
L-146-8	RW 16R MALSR Station 24	LS	1	1.00	0.00	100.00%	\$ 17,000.00	\$ 17,000.00	\$ 17,000.00	\$ -
L-146-9	RW 34L MALSR Threshold Bar	LS	1	1.00	0.00	100.00%	\$ 113,000.00	\$ 113,000.00	\$ 113,000.00	\$ -

Base Bid Final Adjusted Quantities										
Item #	Description	Unit	Quantity				Cost			
			Estimated	Measured	Over/Under	% Complete	Unit Cost	Bid Price	\$ Extended (Measured)	\$ Over/Under
L-146-10	RW 34L MALSR Station 2, 4, 6, 8, 10 & 12	LS	1	1.00	0.00	100.00%	\$ 362,000.00	\$ 362,000.00	\$ 362,000.00	\$ -
L-146-11	RW 34L MALSR Station 14	LS	1	1.00	0.00	100.00%	\$ 37,000.00	\$ 37,000.00	\$ 37,000.00	\$ -
L-146-12	RW 34L MALSR Station 16, 18 & 20	LS	1	1.00	0.00	100.00%	\$ 52,000.00	\$ 52,000.00	\$ 52,000.00	\$ -
L-146-13	RW 34L MALSR Station 22 & 24	LS	1	1.00	0.00	100.00%	\$ 36,000.00	\$ 36,000.00	\$ 36,000.00	\$ -
L-146-14	MALSR 16R Wiring, DU Cabinet, & Associated Connections	LS	1	1.00	0.00	100.00%	\$ 172,000.00	\$ 172,000.00	\$ 172,000.00	\$ -
L-146-15	MALSR 34L Wiring, DU Cabinet & Associated Connections	LS	1	1.00	0.00	100.00%	\$ 166,000.00	\$ 166,000.00	\$ 166,000.00	\$ -
L-146-16	MALSR Miscellaneous Work (Both Ends)	LS	1	1.00	0.00	100.00%	\$ 57,000.00	\$ 57,000.00	\$ 57,000.00	\$ -
13410A	ALCS Modifications	LS	1	1.00	0.00	100.00%	\$ 114,238.00	\$ 114,238.00	\$ 114,238.00	\$ -
PCO 01-01	Remove Existing Handholes and Add New Steel Tags	LS	1	1.00	0.00	100.00%	\$ 12,756.00	\$ 12,756.00	\$ 12,756.00	\$ -
PCO 02-01	Surface Thermoplastic Runway Holding Position Signs	LS	1	1.00	0.00	100.00%	\$ 28,654.75	\$ 28,654.75	\$ 28,654.75	\$ -
PCO 07-01	Abandon FAA Vaults	LS	1	1.00	0.00	100.00%	\$ 3,389.75	\$ 3,389.75	\$ 3,389.75	\$ -
PCO 13-01	Relocate Stored Thermoplastic	LS	1	1.00	0.00	100.00%	\$ 1,275.16	\$ 1,275.16	\$ 1,275.16	\$ -
PCO 16-01	Remove and Replace Existing Panels	LS	1	1.00	0.00	100.00%	\$ 153,446.00	\$ 153,446.00	\$ 153,446.00	\$ -
PCO 19-01	Additional MALSR Lights	LS	1	1.00	0.00	100.00%	\$ 11,752.73	\$ 11,752.73	\$ 11,752.73	\$ -
PCO 24-02	Thermoplastic at Taxiway Juliet	LS	1	1.00	0.00	100.00%	\$ 35,148.04	\$ 35,148.04	\$ 35,148.04	\$ -
PCO 29-01	Additional Spare Runway Light Fixtures	LS	1	1.00	0.00	100.00%	\$ 4,480.93	\$ 4,480.93	\$ 4,480.93	\$ -
PCO 30-01	Furnish White Striping Paint & Glass Beads	LS	1	1.00	0.00	100.00%	\$ 48,871.35	\$ 48,871.35	\$ 48,871.35	\$ -
PCO 26-01	Spare Runway Light Fixtures	LS	1	1.00	0.00	100.00%	\$ 15,022.06	\$ 15,022.06	\$ 15,022.06	\$ -
PCO 23-01	East Airfield Lighting Vault Fiber Connectivity	LS	1	1.00	0.00	100.00%	\$ 50,698.68	\$ 50,698.68	\$ 50,698.68	\$ -
	Total							\$ 10,127,595.45	\$ 10,144,668.51	\$ 17,073.06

Exhibit C

Runway 16R-34L Project Phase 2

Bid Alternate No. 02 Final Adjusted Quantities											
Item #	Description	Unit	Quantity				Cost				
			Estimated	Measured	Over/Under	% Complete	Unit Cost	Bid Price	\$ Extended (Measured)	\$ Over/Under	
C-105-1	Mobilization	LS	1	1.00	0.00	100.00%	\$ 1,385,000.00	\$ 1,385,000.00	\$ 1,385,000.00	\$ -	
C-105-2	Demobilization & Remobilization for Winter Shutdown (Contingent) (Modified By PCO 14)	LS	0	-	0.00	100.00%	\$ 5,000.00	\$ -	\$ -	\$ -	
C-106-1	Airport Safety & Security	LS	1	1.00	0.00	100.00%	\$ 2,168,946.00	\$ 2,168,946.00	\$ 2,168,946.00	\$ -	
P-101-2	Remove Pavement Section (15' - 20" PCCP & 6'-8" ATPB/CTB)	SY	76,750	77,507.80	757.80	100.99%	\$ 25.00	\$ 1,918,750.00	\$ 1,937,695.00	\$ 18,945.00	
P-152-1	Unclassified Excavation & Export	CY	500	-	(500.00)	0.00%	\$ 20.00	\$ 10,000.00	\$ -	\$ (10,000.00)	
P-152-2	Unclassified Excavation & Embankment	CY	500	-	(500.00)	0.00%	\$ 11.00	\$ 5,500.00	\$ -	\$ (5,500.00)	
P-152-3	Excavation & Embankment of Unsuitable Material (Contingent) (Modified By PCO 8, 14, 18, 25)	CY	129	129.00	0.00	100.00%	\$ 42.00	\$ 5,418.00	\$ 5,418.00	\$ -	
P-152-4	Subgrade/Subbase Preparation	SY	82,450	77,507.80	(4942.20)	94.01%	\$ 2.00	\$ 164,900.00	\$ 155,015.60	\$ (9,884.40)	
P-201S01	Asphalt Treated Permeable Base (P-201) (6 inch thick)	SY	71,050	71,505.00	455.00	100.64%	\$ 20.00	\$ 1,420,100.00	\$ 1,430,100.00	\$ 9,100.00	
P-209-2	Crushed Aggregate Base Leveling Course (P-209) (Contingent) (Modified By PCO 8)	Ton	3,726	2,772.43	(953.57)	74.41%	\$ 20.50	\$ 76,383.00	\$ 56,834.83	\$ (19,548.17)	
P-403-2	Hot Mix Asphalt (HMA) Base (P-403) (6 inch thick)	SY	5,700	5,762.00	62.00	101.09%	\$ 32.00	\$ 182,400.00	\$ 184,384.00	\$ 1,984.00	
P-501-1	Portland Cement Concrete Pavement (P-501) (17 inch thick)	SY	76,750	63,482.98	(13267.02)	82.71%	\$ 120.00	\$ 9,210,000.00	\$ 7,617,957.60	\$ (1,592,042.40)	
P-621-5.1	Grooving	SY	73,500	74,924.00	1424.00	0.00%	\$ 4.00	\$ 294,000.00	\$ 299,696.00	\$ 5,696.00	
T-908-4	Net Change to process, crush, & use onsite PCCP (Base Bid) (Contingent)	SY	0	-	0.00	100.00%	\$ -	\$ -	\$ -	\$ -	
T-908-5	Net Change to process, crush, & use onsite PCCP (Bid Alt #1) (Contingent)	SY	0	-	0.00	100.00%	\$ -	\$ -	\$ -	\$ -	
T-908-6	Net Change to process, crush, & use onsite PCCP (Bid Alt #7) (Contingent)	SY	0	-	0.00	100.00%	\$ -	\$ -	\$ -	\$ -	
L-108-1	1-1/2 No. 8 AWG, 5KV, L-824C Cable (In Project Area) (Modified By PCO 8, 10a)	LF	43,198	43,198.00	0.00	100.00%	\$ 1.60	\$ 69,116.80	\$ 69,116.80	\$ -	
L-108-2	1-1/2 No. 6 AWG, 600V, Ground Wire (Modified By PCO 10a, 28)	LF	41,378	21,861.00	(19517.00)	52.83%	\$ 0.80	\$ 33,102.40	\$ 17,488.80	\$ (15,613.60)	
L-110-5	1W-2" AFL Concrete Encased Electrical Conduit in New PCC	LF	14,090	11,804.00	(2286.00)	83.78%	\$ 17.00	\$ 239,530.00	\$ 200,668.00	\$ (38,862.00)	
L-125-3	L-868B Base Can w/ Extension	EA	271	271.00	0.00	100.00%	\$ 2,100.00	\$ 569,100.00	\$ 569,100.00	\$ -	
L-125-17	L-850A(L) Runway Centerline Light	EA	219	219.00	0.00	100.00%	\$ 1,700.00	\$ 372,300.00	\$ 372,300.00	\$ -	
L-125-18	L-852A(L) Taxiway Centerline Bidirectional Light (Modified By PCO 04)	EA	49	49.00	0.00	100.00%	\$ 1,700.00	\$ 83,300.00	\$ 83,300.00	\$ -	
L-125-19	L-852A(L) Taxiway Centerline Bidirectional Light	EA	3	3.00	0.00	100.00%	\$ 1,800.00	\$ 5,400.00	\$ 5,400.00	\$ -	
L-128-1	Demolition & Removal of Electrical Work	LS	1	1.00	0.00	100.00%	\$ 68,000.00	\$ 68,000.00	\$ 68,000.00	\$ -	
L-128-2	Temporary Airfield Electrical Work	LS	1	1.00	0.00	100.00%	\$ 43,000.00	\$ 43,000.00	\$ 43,000.00	\$ -	
L-128-3	Miscellaneous Airfield Electrical Work	LS	1	1.00	0.00	100.00%	\$ 102,000.00	\$ 102,000.00	\$ 102,000.00	\$ -	
L-128-4	Temporary Airfield Electrical Work for Winter Shutdown (Contingent) (Modified By PCO 14)	LS	0	-	0.00	100.00%	\$ 20,000.00	\$ -	\$ -	\$ -	
L-132-1	Install RPU Enclosure and Electronics Installation	LS	1	1.00	0.00	100.00%	\$ 35,000.00	\$ 35,000.00	\$ 35,000.00	\$ -	
L-132-2	Install Surface Scan Sensor Cable - Type V	LF	28,000	25,700.00	(2300.00)	91.79%	\$ 3.60	\$ 100,800.00	\$ 92,520.00	\$ (8,280.00)	
L-132-3	Install Pavement Surface Sensor System	LS	1	1.00	0.00	100.00%	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ -	
L-132-4	Furnishing Surface Scan Sensor(s), Cable & RPU Equipment (By Manufacture Costs)	LS	1	1.00	0.00	100.00%	\$ 452,000.00	\$ 452,000.00	\$ 452,000.00	\$ -	
L-125-22	L-852B(L) Taxiway Centerline Bidirectional Light (Modified By PCO 04)	EA	7	7.00	0.00	100.00%	\$ 1,700.00	\$ 11,900.00	\$ 11,900.00	\$ -	
PCO 02-02	Surface Thermoplastic Runway Centerline Markings	LS	1	1.00	0.00	100.00%	\$ 77,414.18	\$ 77,414.18	\$ 77,414.18	\$ -	
PCO 18-01	Additional PCCP Sawcutting at Taxiway Juliet	LS	1	1.00	0.00	100.00%	\$ 20,978.16	\$ 20,978.16	\$ 20,978.16	\$ -	
PCO 18-02	Replace Existing Electrical Vault Lid at Taxiway Papa	LS	1	1.00	0.00	100.00%	\$ 614.27	\$ 614.27	\$ 614.27	\$ -	
PCO 25-01	Remote and Replace PCCP	LS	1	1.00	0.00	100.00%	\$ 16,874.18	\$ 16,874.18	\$ 16,874.18	\$ -	
PCO 08-01	MAGVAR	LS	1	1.00	0.00	100.00%	\$ 256,806.12	\$ 256,806.12	\$ 256,806.12	\$ -	
PCO 28-01	Vault Lids	LS	1	1.00	0.00	100.00%	\$ 50,254.22	\$ 50,254.22	\$ 50,254.22	\$ -	

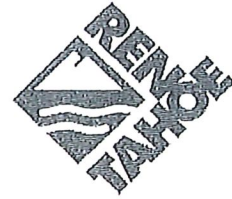
RENO-TAHOE AIRPORT AUTHORITY OWNER'S CONTINGENCY CHANGE ORDER

CCO No.

Contractor:

Project:

Solicitation #:



Summary of Change and List of Attachments:

Contingent Change Order No. 03
Changes per attached Change Proposal Requests 6, 7, 8, and 10 (attached)

Owner's Contingency Change Order Summary:

Owner's Contingency Total: \$

Total Previously Authorized: \$

Total Change this CCO: \$ ADD

Remaining Contingency Balance: \$

Change in Contract Dates:

Original Duration (Days):

Previous Authorization:

This Authorization: ADD

Revised Contract (Days):

Contract Summary:

Original Contract: \$

Total Previously Authorized COs \$

Total Previously Authorized CCOs \$

Contract Sum Prior to this CCO \$

Total Change this Authorization: \$ ADD

New Contract Sum Incl this CCO: \$

Distribution to:

RTAA PURCHASING X

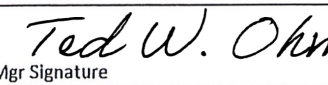
PM X

CM X

ENGINEER X

CONTRACTOR X


Contractor Signature Date:


Project Mgr Signature Date:

Contractor Name & Title:

RTAA Project Manager: Ted Ohm, Sr. Facilities Project Manager

N/A
Construction Mgr Signature Date:

RTAA Mgr Signature Date:

RTAA Mgr Engineering & Construction: Jackie Borman


Engineer/Architect Signature Date:

Engineer/Architect Name & Title: Jeff Purcell, Project Manager

Not valid until signed by ALL parties. Execution of this Contingency Change Order by both Owner and Contractor constitutes a binding agreement and serves as a full accord and satisfaction of any claim, demand, lien, stop notice or further request for compensation, past or present, known or unknown, and/or time extension arising out of or by virtue of the work described above in the Contingency Change Order. Contractor's signature indicates agreement herewith, including any adjustments in the Contract Sum or Contract Time.



CONSTRUCTION

"Committed to Your Success"

GENERAL BUILDING CONTRACTORS

6.1.23

Change Proposal Request

6R

HOME OFFICE:

151 S. 18TH ST.
SPARKS, NV 89431
TEL: 775-356-0150
FAX: 775-356-0247

Paul Cavin Architect, LLC
1575 Delucchi Lane
Reno NV 89502

re: RTAA Duty Manager Office Bldg. Remodel

Dear Paul,

reymanbrothers.com Presenting the following Change Proposal for review and approval.

Provide trench and backfill for fiberoptics between Airfiel Maitenance bldg and Airfield Shop Bldg. (See attached for initial trench proposal) Owner and General Contractor agree to split the cost of this trench work

LICENCES:

NEVADA
#12481C

CALIFORNIA
#702410

Total cost of trench \$53,411.52 divided by 2 (see attached costs)

\$26,705.75

sub-total
OH&P @ 15%

TOTAL ADD \$26,705.75

CONTRACT TIME ADJUSTED:
Add 15 Callendar Days

Sincerely,

Jace E. Callender
Project Manager

Approved by: _____
Paul Cavin Design

Date Approved: _____

Darrell Linscott

From: Ohm, Ted (Facilities Project Manager) <toh@renoairport.com>
Sent: Wednesday, May 31, 2023 10:03 AM
To: Darrell Linscott; Jeff Purcell; paul@paulcavindesign.com
Subject: Trenching

Darrell,

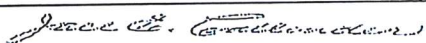
Just send over a revised Change Proposal Request indicating a 50% share, in the amount of \$26,705.76, for the RTAA, and I'll send the CO up the chain.

Ted W. Ohm
Senior Project Manager
Ext. 6423



wemoveyou
Reno-Tahoe Airport Authority

REQUEST FOR INFORMATION

PROJECT NAME: RTAA Duty Manager Office Bldg remodel		RESPOND BY:	ASAP
		GC'S RFI NO.	8
		SUB'S RFI NO.	
TO Paul Cavin Architects LLC		FROM: REYMAN BROS. CONSTRUCTION TEL: 775-356-0150 FAX: 775-356-0247	
RESPONSE BY:			
<input type="checkbox"/> System Eng. Consultants:		<input type="checkbox"/> Mechanical	
<input type="checkbox"/> Structural Eng. Consultants:		<input type="checkbox"/> Plumbing	
<input type="checkbox"/> XXX Other Consultants:		<input type="checkbox"/> Electrical	
SUBCONTRACTOR: RBC			
SUBJECT: trench for fiber			
CATEGORY:			
<input type="checkbox"/> XXX NEED FOR CLARIFICATION		<input type="checkbox"/> OMISSION	
<input type="checkbox"/> UNFORSEEN CONDITION		<input type="checkbox"/> COORDINATION PROBLEM	
<input type="checkbox"/> CONFLICT WITHIN DOCUMENTS		<input type="checkbox"/> OTHER	
<u>SPEC. SECTION</u>	<u>PARAGRAPH NO.</u>	<u>DRAWING NO.</u>	<u>DETAIL NO.</u>
DESCRIPTION: On sheets TA 002 and TA101 there is reference to installation of a fiber optic cable. TA 002 shows a single line diagram (detail 8), a pull box detail (detail 7) , and a telecom duct bank detail (detail 6). None of these details provide enough information to show what exactly is to be done. Also there are no details of the trench on any other sheets in the set. Information, as a minimum, needed: depth, width, backfill material, mix design for asphalt, quantity of conduits (see TA002/6). Please provide section detail showing all necessary items.			
<input type="checkbox"/> ATTACHMENTS:			
<input type="checkbox"/> COST IMPACT:		EST.	<input type="checkbox"/> TIME IMPACT:
CONTRACTOR SIGNATURE: 		DATE: 3.16.23	
RESPONSE:			
<div style="border: 1px solid red; padding: 10px; color: red;">Qty (1) 2" conduit is required per TA101 and TA201. Trench and pull box details are shown on 6,7/TA002. We have no information on existing asphalt - match existing asphalt and base thickness. Brian Cuneo, PK Electrical, 3/16/2023</div>			
ATTACHMENTS:			
SIGNATURE:		DATE:	

Darrell Linscott

To: Jeff Purcell; Ohm, Ted (Facilities Project Manager)
Cc: Jace Callender; Keven Olsen; Elizabeth Callender
Subject: RE: RTAA Duty Manager Office Bldg Remodel RFI 008

Darrell Linscott
Project Manager
REYMAN BROTHERS CONSTRUCTION INC
"Committed to Your Success"
151 S 18th Street
Sparks, NV 89431
T: 775.356.0150
F: 775.356.0247
C: 775.830.6868

From: Darrell Linscott
Sent: Friday, March 17, 2023 11:18 AM
To: Jeff Purcell <jeff@paulcavindesign.com>; Ohm, Ted (Facilities Project Manager) <tohm@renoairport.com>
Cc: Jace Callender <jcallender@Reymanbrothers.com>; Keven Olsen <kolsen@Reymanbrothers.com>; Elizabeth Callender <ecallender@Reymanbrothers.com>
Subject: RE: RTAA Duty Manager Office Bldg Remodel RFI 008

Jeff,

The presentation on the documents for the excavation and paving portion of the work is not standard to the industry. The only place on the drawings this sitework is shown is on the T sheets and the only place there is any mention in the spec book regarding this portion of the work is in Division 27. There are no civil sheets. There are no architectural drawings showing this work. There's no way anyone would intuitively go to the T sheets to find excavation and paving or go to Division 27 to find information regarding requirements for excavation and paving. This information is typically found in Division 2. Secondly, the response to the RFI seems to be incomplete. There is no indication as to what type of backfill is to be used, is it to be engineered fill or is the excavated material adequate. What are the specs for the road base or is the excavated material adequate. What is the mix design for the AC paving? All the response says about these issues is that the thickness of the base and paving are to match existing. Once these issues are adequately addressed, a proper change proposal, if required, can be issued.

Thanks,

P. S.

RBC had an underground locator service locate all the pipe crossings along the new trench rout. There are approximately 50 crossings not including any that may be discovered when NV Energy does their survey.

Darrell Linscott
Project Manager
REYMAN BROTHERS CONSTRUCTION INC
"Committed to Your Success"
151 S 18th Street
Sparks, NV 89431
T: 775.356.0150

3.05

3.05

3.09

3.09

3.01

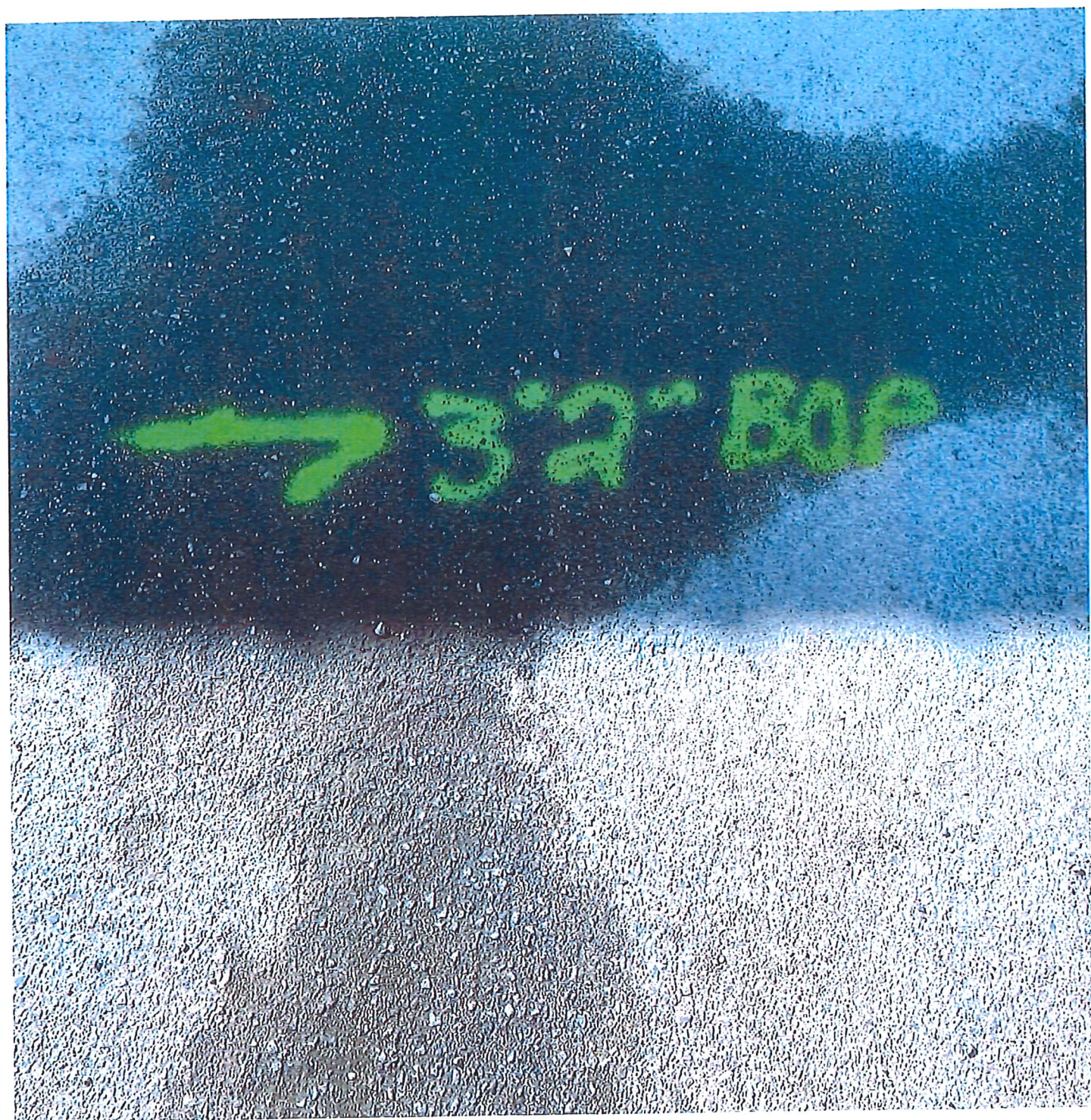
3.01

3.00

3.00









745 E. Greg St, Suite 3
Sparks, NV 89431
O-775-856-9777
C-775-453-3522

NV A LIC# 0084980 & NV C-5 LIC# 0087471
mike@westcoastdirtworks.com
Bid Limit \$1,700,000.00

Date	Proposal No.
3/29/2023	671

Customer Information
Reyman Brothers Construction Elizabeth Callender 151 S 18th St Sparks, NV 89431

Project
1670 National Guard Way

Scope of Work	Qty	Rate	Total
Excavate approximately 300' of trench at 3 1/2 feet deep for electric conduit. Sand trench. All pipe and boxes to be installed by others. Backfill and compact to 95% compaction or better. Asphalt patch excavated trench at 3" thickness. WCDW will provide dust control while working on site.		44,250.00	44,250.00

We Propose hereby to furnish material and labor complete in accordance with the above specifications for the sum of:

Base Bid: \$44,250.00

All material is guaranteed to be specified. All work to be completed in a professional manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements beyond Note: Owner to carry fire, tornado and other necessary contingent upon strikes, accidents or delays in insurance. Our workers are fully covered by Workers Compensation Insurance. This proposal is based on day work Mon-Fri 7:00am-3:30pm.

We reserve the right to withdraw this proposal if not accepted within 30 days.

Exclusions: All Work Unless Specifically Listed Above!

- After Hours and / or Overtime
- Permits/ Bonds/ Testing of any kind, and all associated fees
- The proposal excludes all layout, unless otherwise outlined above
- Traffic Control
- Concrete Washout
- Frost Protection
- Landscape
- Temp Fencing
- Concrete
- Asphalt Patch
- After Hours Dust Control
- Staking/ Surveying
- Over Excavate Bad Soils
- Irrigation
- Field Measure Prevails
- Retaining Walls
- Shade Structures
- Fencing
- New Turf
- Electrical
- Protect Existing Sod
- Damage to Tree's or Roots
- Trench Drains
- CMU
- Plumbing
- Vapor Barrier
- Striping, Signage
- Cross Drains
- Portable Structures
- Bollards
- Trash Enclosures
- Conduit
- Concrete Pump
- Demo

Owner/Customer shall absorb all costs incurred from unknown conditions such as rock removal, poor digging conditions or poor soil bearing capacity; including but not limited to Excavator, Breaker or Jackhammer plus delivery and operator charges.

Acceptance Of Proposal: If the above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified.

DATE OF ACCEPTANCE: _____

Authorized
Signature: _____

Title: _____



CONSTRUCTION

"Committed to Your Success"

GENERAL BUILDING CONTRACTORS

4.12.23

Change Proposal Request

7

HOME OFFICE:
151 S. 18TH ST.
SPARKS, NV 89431
TEL: 775-356-0150
FAX: 775-356-0247

Paul Cavin Architect, LLC
1575 Delucchi Lane
Reno NV 89502

re: RTAA Duty Manager Office Bldg. Remodel

Dear Paul,

reymanbrothers.com Presenting the following Change Proposal for review and approval.

Modifications per attached Base Operations Building Claification #2 (see attached)

LICENCES:	MSM Sheet Metal (see attached)	\$1,300.30
	RBC: install countertop and vanity 8 man hrs @ 109.74 / hr	\$877.92
NEVADA #12481C	Gardner Engineering (see attached)	\$2,015.00
CALIFORNIA #702410	Triumph Electric (see attached)	\$10,157.64

sub-total	\$14,350.86
OH&P @ 15%	\$2,152.63
TOTAL ADD	\$16,503.49

CONTRACT TIME ADJUSTED:
Add 10 Callendar Days

Sincerely,

Jace E. Callender
Project Manager

Approved by: _____
Paul Cavin Design

Date Approved: _____

March 31, 2023

22025 Reno-Tahoe International Airport – Base Operations Building Improvements – Clarification #2 (Delta 5)

Clarification 2 – Detail D4, Sheet AB801: Casework Elevations, Sections, and Details

- **Sheet AB801:** This sheet has been revised to add Detail D4 Sink Vanity.

Clarification 2 – Sheet MB201: Mechanical Alterations Plan – Base Operations Building

- **Sheet MB201:** This sheet has been revised to add a Fire Smoke Damper (FSD) at the Breakroom 112.

Clarification 2 – Detail 2, Sheet MB701: Temperature Controls

- **Sheet MB701:** This sheet has been revised to add Detail 2 Combination Fire-Smoke Damper.

Clarification 2 – Detail 2, Sheet EB001: Electrical Legend and Drawing Schedule

- **Sheet EB001:** This sheet has been revised to add Detail 2, Fire Smoke Damper Detail.

Clarification 2 – Sheet EB004: Panel Schedule

- **Sheet EB004:** This sheet has been revised to add #36 Fire/Smoke Damper.

Clarification 2 – Sheet EB401: Power Plan

- **Sheet EB401:** This sheet has been revised to add Fire Smoke Damper.

Clarification 2 – Sheet EB501: Fire Alarm Plan

- **Sheet EB501:** This sheet has been revised to add Fire Smoke Damper.

End of Clarification #2

Sink Vanity

Sheet number
MB201

Paul Cavin
Architect LLC

1575 Doluechl Lane, Suite 120
Reno, Nevada 89502

office: (775) 284-7083
mobile: (775) 842-0261

www.paulcavindesign.com
paul@paulcavindesign.com



consultant



AINSWORTH ASSOCIATES
MECHANICAL ENGINEERS

1209 HOLCOMB AVE., SUITE 201
RENO, NV 89502
TEL: 775-329-0100

4537 GREENVIEW DR
EL TORADO HILLS, CA 90715
TEL: 916-737-4014

www.a-a-me.com

JACO 70727-0444

1003

Reno-Tahoe International Airport
Base Operations Building Improvements
PWP #WA-2023-70

[illegible]

Reviewed by	AM	MIN/EL
Date	03/31/22	
Project number	22021	

Temperature Controls

CONTROLS CONTRACTOR

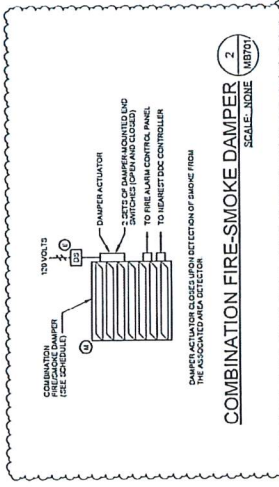
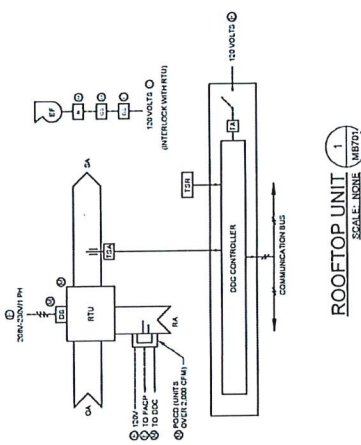
CONTROL SYSTEM SHALL BE DELTA BY EMCOR - (775) 328 6122 - TO MATCH EXISTING. NO EXCEPTIONS.

TEMPERATURE CONTROLS LEGEND

[illegible]

ELECTRICAL COORDINATION

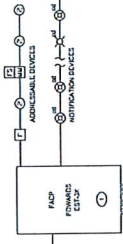
MECHANICAL/TEMPERATURE CONTROL CONTRACTORS SHALL COORDINATE ALL ELECTRICAL POWER REQUIREMENTS GREATER THAN 24 VOLTS WITH THE ELECTRICAL CONTRACTOR.



[illegible][illegible]

2 Fire Smoke Damper Detail

ELECTRICAL LEGEND		A		B		C		D		E		F		G		H		I		J		K		L		M		N		O		P		Q		R		S		T		U		V		W		X		Y		Z		AA		AB		AC		AD		AE		AF		AG		AH		AI		AJ		AK		AL		AM		AN		AO		AP		AQ		AR		AS		AT		AU		AV		AW		AX		AY		AZ		BA		BB		BC		BD		BE		BF		BG		BH		BI		BJ		BK		BL		BM		BN		BO		BP		BQ		BR		BS		BT		BU		BV		BW		BX		BY		BZ		CA		CB		CC		CD		CE		CF		CG		CH		CI		CJ		CK		CL		CM		CN		CO		CP		CQ		CR		CS		CT		CU		CV		CW		CX		CY		CZ		DA		DB		DC		DD		DE		DF		DG		DH		DI		DJ		DK		DL		DM		DN		DO		DP		DQ		DR		DS		DT		DU		DV		DW		DX		DY		DZ		EA		EB		EC		ED		EE		EF		EG		EH		EI		EJ		EK		EL		EM		EN		EO		EP		EQ		ER		ES		ET		EU		EV		EW		EX		EY		EZ		FA		FB		FC		FD		FE		FF		FG		FH		FI		FJ		FK		FL
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NOTE: NOT ALL DEVICES SHOWN - CONTRACTOR MUST PROVIDE AN UPDATING COMPLETE BUILDING OUTLINE DIAGRAM FOR ALL ASSOCIATED EQUIPMENT AND CONNECTIONS AS THE SYSTEM AS CURRENTLY CONNECTED WITH NEW AND EXISTING DEVICE EQUIPMENT AS PART OF THEIR DESIGN.

FIRE ALARM SYSTEM ONELINE DIAGRAM NOTES

1 FA Online

1575 Delucchi Lane, Suite 120
Reno, Nevada 89502
officer: (775) 284-7083
mobile: (775) 842-0261
www.paulcavindesign.com
paul@paulcavindesign.com



consultant



PK Electrical, Inc.
Engineering Design Consulting
1425 E. 10th Street, Suite 100, Pomona, CA 91768
909/786-1100 • Fax 909/786-1101 • E-Mail: info@pk-electrical.com

Additional Airport Building Improvements	Authority	ane	02
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Reno-Tahoe International
Base Operations Building
PWP #WA-2023-70

[illegible]

Electrical Legend & Drawing Schedule

EB001

EB004

Paul Cavin
Architect LLC
1575 Delucchi Lane, Suite 120
Reno, Nevada 89502
office: (775) 284-7083
mobile: (775) 842-0261
www.paulcavinindesign.com
paul@paulcavinindesign.com



PK Electrical, Inc.
Engineering Design Consulting
10000 South Broadway, Suite 100, Denver, CO 80231
303.755.1100
www.pk-electrical.com
consultant

**project:**

Reno-Tahoe International Airport
Base Operations Building Improvements
PWP #WA-2023-70

revisions ☐

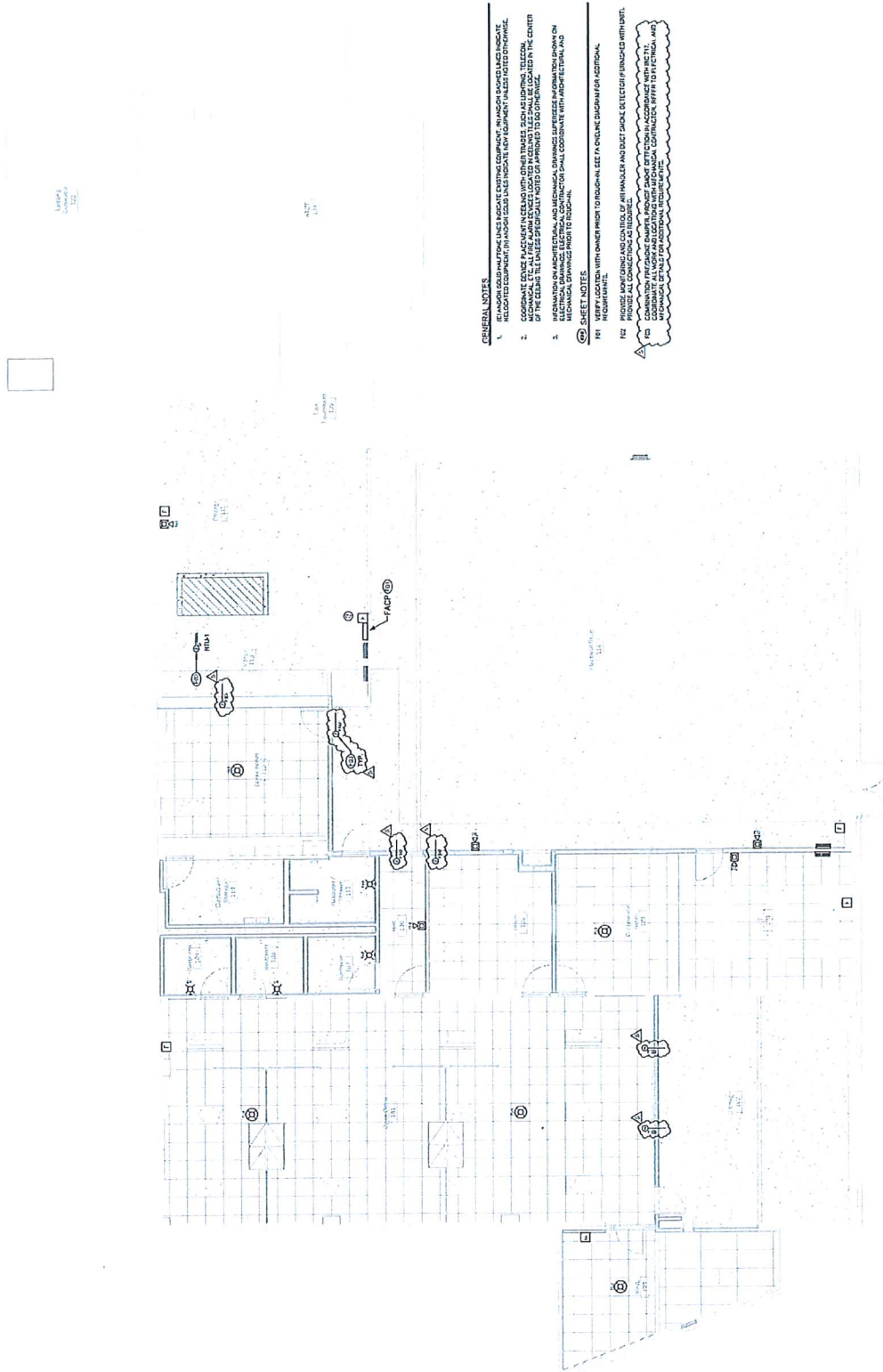
No.	Description	Date
2	PH1401	2/2/23
3	CLASSIFICATION #2	2/2/23

Created By _____ TPT
 Reviewed By _____ JEG
 Date _____ 10/28/22
 Project Number _____ 92075

Fire Alarm Plan

Sheet number

EB501



GENERAL NOTES

1. ITANQAO GOLD PULP FAC UNCS INCLD IN CUSTOMER COMPANET. MINORCS PULP UNCS INCLD IN UNCSY. RELOCATED TEMPORARY. IN 1990, 2250 UNCS INCLD IN CUSTOMER COMPANET. RELOCATED TEMPORARY.
2. COORDINATE DESIGN. PLACEMENT IN CENALNG WITH OTHER TRAGLES, SUCH AS LIGHTING, TELECOM, MECHANICAL, ETC. ALL THE PLANT SERVICES LOCATED IN CENALNG. 1122 UNCS ARE LOCATED IN THE CENTER OF THE CENALNG. UNCS ARE PREVIOUSLY LOCATED IN 1990 AND 1991.
3. INFORMATION ON ARCHITECTURAL AND MECHANICAL DRAWINGS. SUPERVISOR IN CHARGE. DRAWING ON ELECTRICAL DRAWINGS. ELECTRICAL CONTRACTOR MUST COORDINATE WITH ARCHITECTURAL AND

SHEET NOTES

- 101 VERIFY LOCATION WITH OWNER PRIOR TO ROUTING. SEE FA ONLINE DIAGRAM FOR ADDITIONAL
SEE FA SHEET 15.1A/17C

FE2 PROVIDE MONITORING AND CONTROL OF AIR HANDLER AND DUCT SMOKE DETECTOR IS FURNISHED WITH UNIT.

PROVIDE ALL CONNECTIONS AS REQUIRED.

FOR COMBINATION FIRE/SMOKE DAMPER, PROVIDE SMOKE DIFFUSION IN ACCORDANCE WITH ISC 717. COORDINATE ALL WORK AND LOCATIONS WITH MECHANICAL CONTRACTOR. REFER TO ELECTRICAL AND

1 FIRE ALARM PLAN
Scale: 3/16" = 1'-0"



REQUEST FOR INFORMATION

PROJECT NAME: RTAA Duty Manager Office Bldg remodel		RESPOND BY:	ASAP
		GC'S RFI NO.	7
		SUB'S RFI NO.	
TO Paul Cavin Architects LLC		FROM: REYMAN BROS. CONSTRUCTION TEL: 775-356-0150 FAX: 775-356-0247	
RESPONSE BY:			
<input type="checkbox"/> System Eng. Consultants:		<input type="checkbox"/> Mechanical	
<input type="checkbox"/> Structural Eng. Consultants:		<input type="checkbox"/> Plumbing	
<input checked="" type="checkbox"/> Other Consultants:		<input type="checkbox"/> Electrical	
SUBCONTRACTOR: RBC			
SUBJECT: Counter top and sink			
CATEGORY:			
<input checked="" type="checkbox"/>	NEED FOR CLARIFICATION	<input type="checkbox"/>	OMISSION
<input type="checkbox"/>	UNFORSEEN CONDITION	<input type="checkbox"/>	COORDINATION PROBLEM
<input type="checkbox"/>	CONFLICT WITHIN DOCUMENTS	<input type="checkbox"/>	OTHER
<u>SPEC. SECTION</u>	<u>PARAGRAPH NO.</u>	<u>DRAWING NO.</u>	<u>DETAIL NO.</u>
DESCRIPTION: Please see attached. These drawings show a countertop & backsplash. The approved and ordered sink for this space is a undermount sink (see L2 in the schedule). How is the countertop and sink to be supported?			
<div style="border: 1px solid red; padding: 5px; background-color: #e0ffe0;">Countertop and sink will be supported on plastic laminate vanity per upcoming Clarification #02. See attached detail. Jeffrey Purcell Paul Cavin Architect LLC 03/28/23</div>			
<input type="checkbox"/> ATTACHMENTS:		<input type="checkbox"/> TIME IMPACT:	
<input type="checkbox"/> COST IMPACT:		EST.	
CONTRACTOR SIGNATURE: <i>Jeffrey Purcell</i>		DATE: 3.15.23	
RESPONSE:			
ATTACHMENTS:			
SIGNATURE:		DATE:	

[illegible]

**SHEET METAL & STEEL FABRICATION INC**

1100 East Greg Street Sparks, NV 89431

WWW.MSMSHEETMETAL.COM

(775) 356-5542 Fax (775) 356-8927

Quote #49029.001**Date:** 3/31/2023**To:**

Reyman Bros. Construction

Attn:

Darrell Linscott

Project:RTAA Duty Manager Office Remodel -
CHANGE ORDER REQUEST**Delivery Address:**Reno Tahoe International Airport
Base Operations and MO Building
2001 East Plumb Lane
Reno, NV 89502

Sales Person: Chris Moore		Ship Via: MSM	Terms:	Net 25th	
Qty	Description	Unit Price		Amount	
1.000	Add Vanity Support Brackets and Countertop at Restroom/Shower 111; Per RFI-007. *NOTE: PENDING PHYSICAL CONFIRMATION OF SINK PROFILE TO DETERMINE ADA CLEARANCES	\$1177.94		\$1177.94	

THIS QUOTE IS SUBJECT TO PRICE AND AVAILABILITY AT TIME OF ORDER

This is a quotation on the goods named, subject to the conditions noted below:
1) Subject to change with additions or subtractions, change of scope, or material changes.
2) MSM is only a supplier, we do NOT install or fabricate on site.
3) MSM is NOT responsible for any lost, stolen, or damaged material after it has been delivered.

	Subtotal	\$1,177.94
	Tax ^{Reno} 8.265%	\$97.36
	Freight	\$25.00
Prepared By Chris Moore	Total	\$1,300.30

To accept this quotation, sign here and return: _____

MSM

SHEET METAL & STEEL FABRICATION

MSM Millwork
1100 E. Greg St.
Sparks, NV 89431
Phone: 775-356-5542
Fax: 775-356-8927
Email: millwork@msmsheetmetal.com

To:
Elizabeth Callender
Reyman Brothers Construction
RTAA Duty Manager Office Remodel

CHANGE ORDER REQUEST

Quotation #: 49029.001
Date: March 31, 2023

MSM will provide shop drawings, per customer spec and contractor provided dimensions, subject to two (2) revisions, or a combined 12 CAD hours total. Additional revisions may result in additional CAD time charges. Changes of specified materials and/or revisions will require a written and signed change order. Contractor is responsible to verify field conditions and dimensions. Proposal is for millwork and associated hardware only; internal conduit, electrical prewire, electrical devices, plumbing fixtures, etc., are not included. **Installation is the responsibility of the Contractor.** Countertop breaks, field joints, and field assembly will be noted on shop drawings. Where not specified, plastic laminate cabinetry and countertops will be Wilsonart® "Frosty White" 1573-60. Alternate laminate selection may require a change order for additional material costs. Cabinet construction to be rabbet and dado, on particle board core, w/ melamine interiors and plastic laminate on exposed surfaces. Drawer boxes to be 1/2" Baltic Birch w/ full extension sidemount slides. MSM is not a member of AWI's QCP program. Any AWI inspections to occur outside of the scope of this quote. Quote is based off of drawings and specifications by Paul Cavin Architect, LLC, dated 10/28/2022. Casework package to include:

- PL-01 - Wilsonart® "Frosty White" 1573-60
- SS-01 - Corian® Group 3 or Lower
- White Melamine Interiors
- Plastic Laminate on Exposed Surfaces
- Matching PVC Edgebanding
- European 110° Concealed Hinges
- Accuride 3832E Side Mount Drawer Slide, Or Equal
- Palletized Curbside Delivery

Excludes:

- Jobsite Offloading
- Installation
- Field Dimensioning
- Backing
- AWI Certification or Inspections
- All Other Items not Expressly Listed Above

Please See Following Pages for Detailed Product Scope:

RTAA Duty Manager Office Remodel
31-Mar-23

Description

● **Breakroom 112 - B1/A753**

- 3.25 LF PL-01_Base Cabinets_Front Apron
- 1 EA PL-01_Base Cabinets_Removable Front Panel
- 2 EA Stainless Steel ADA Vanity Side Bracket
- 8.125 SF SS-01_Solid Surface Countertop_Loose Backsplash

Total	\$1,177.94
-------	-------------------



270 East Parr Boulevard Reno, Nevada 89512
ph (775) 329-4133 • fx (775) 329-4564 • www.gardnereng.com

April 4, 2023

Reyman Brothers Construction
151 South 18th street
Sparks, Nevada 89431
Phone (775) 356-0150
Fax (775) 356-0247

Attention Mr. Darrell Linscott
Project Manager
dlinscott@reymanbrothers.com

Reference RTAA Duty Manager Office Remodel
GEI Job # 6638 – CE #3

Subject Added FSD in Breakroom
Clarification #2

Dear Darrell;

The following are our cost estimates for the addition of a FSD with actuator and auxiliary switch. We have not included electrical, or fire alarm work of any sort. Please see the attached spreadsheet for an explanation of all associated costs.

Total costs for this scope of work.....\$2,015.00
(Two Thousand Fifteen Dollars)

This change estimate is based solely on direct cost elements such as labor, materials and normal markups, and does not include any amount for changes in sequence of work, delays, disruptions, rescheduling, extended overhead, acceleration, wage, material or other escalations beyond the prices upon which this proposal was based, or any other impact costs. The right is expressly reserved, and notice of potential claim is made, for any and all of these and other related items of cost prior to any final payment under this contract.

Please feel free to contact us if you have any questions or need any additional information.

Thank you,

GARDNER ENGINEERING INC.

D. Robinson

Danny Robinson
Project Manager
(775) 329-4133

GARDNER ENGINEERING, INC.

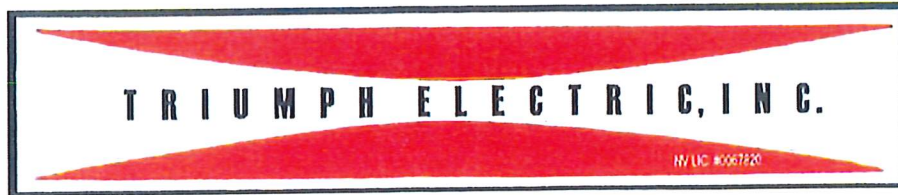
Project Name:
Change Estimate #
Date:

RTAA Duty Manager Office Remodel

CE #3 Added FSD in Breakroom

April 4, 2023

Description	Material Quantity	Shop Labor	Field Labor	Unit Cost	Total	Category Total
Materials						
12" FSD with actuator	1.00			1,080.00	1,080.00	
Sleeve adapters	2.00			75.00	150.00	
					-	
					-	
					-	
						1,230.00
Labor						
Fabrication of sleeves and Installation of FSD		2.00	2.00	105.00	420.00	
					-	
					-	
					-	420.00
Subcontracts and Other Costs						
*****EXCLUDES AND FIRE ALARM WORK OF ANY KIND*****					-	
					-	
					-	
					-	-
Materials						1,230.00
Equipment						-
Sales Tax					8.265%	102.00
Labor						420.00
Subcontracts and Other Costs						-
Subtotal						1,752.00
Overhead & Profit					15.00%	263.00
Bond						-
Change Estimate Total						2,015.00



1360 Greg Street Suite 106
Sparks, Nevada 89431

NV License# 0067820
Bid Limit: UNLIMITED

Fax (775)-355-1977
Phone (775)-355-1965

COR #3

CHANGE ORDER REQUEST		
Proposal Submitted To: RBC	Phone:	Fax:
Date: Monday, April 10, 2023	Job Name: RTAA Clarification #2	Job Location: Reno NV

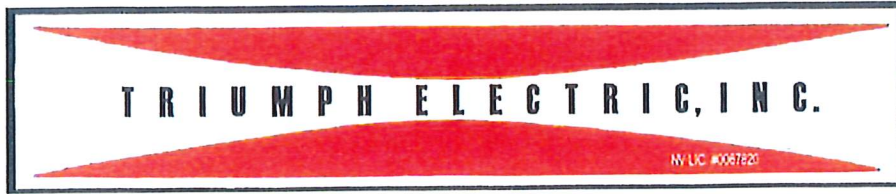
SCOPE OF WORK TO PERFORM

Per Clarification #2 #2

1. Provide 120v power to (6) FSD's provided and installed by others.
2. Provide Fire alarm control to (6) FSD's.
3. Provide Fire alarm redesign, programming, testing and equipment.

Attachments:

1. Bid Summary
2. L-M Breakdown



1360 Greg Street Suite 106
Sparks, Nevada 89431

NV License# 0067820
Bid Limit: UNLIMITED

Fax (775)-355-1977
Phone (775)-355-1965

EXCLUSIONS	
-	Cut, patch and paint
-	Temp power and lighting
-	Bonds
-	Overtime
-	Provide and install of FSD's

PRICE	
Price	\$10,157.64

Respectfully Submitted By, Ryan Flickinger

ACCEPTANCE OF PROPOSAL

The above scope of work, exclusions, prices, specifications and conditions are satisfactory and are hereby accepted

Date:

Print Name:

Signature:

RTAA Duty Managers office Remodle : Clarification #2
Totals (Summary) - Bid Summary: Default

Material	
Non-Quoted	\$931.35
Quotes	0.00
Sales Tax (8.27%)	76.98
Total Material	\$1,008.33
Labor	
Direct (41.52 hours @ \$95.00)	\$3,944.40
Non-Productive Labor	380.00
Total Labor (45.52 hours)	\$4,324.40
Direct Job Expenses	\$0.00
Tools and Miscellaneous Materials	0.00
Subcontracts Delta Fire cost	3,500.00
Job Subtotal (Prime Cost)	\$8,832.73
Overhead (0.00%)	0.00
Profit (15.00%)	1,324.91
Job Total	\$10,157.64
Actual Bid Price	\$10,157.64
Material to Direct Labor ratio: 0.20	
Prime Cost per square foot	\$0.00
Job Total per square foot	\$0.00
Actual Bid Price per square ft	\$0.00
Labor cost per square foot	\$0.00
Labor hours per square foot	0.00
Gross Profit %	13.04
Gross Profit \$	\$1,324.91
Net Profit %	13.04

RTAA Duty Managers office Remodle : Clarification #2

Job Number: CO1242-3

Bid Summary: Default

Extension By Phase

Item #	Description	Quantity	Price U	Ext Price	Labor Hr U	Ext Lab Hr
--- 01 Raceway, Fittings & Boxes ---						
1000	1/2" EMT	150	55.00 C	82.50	4.50 C	6.75
1001	3/4" EMT	150	95.01 C	142.52	5.00 C	7.50
1121	1/2" Steel Flex	36	75.00 C	27.00	3.00 C	1.08
1456	1/2" Set Screw Steel Insul Throat Conn	16	24.99 C	4.00	0.05 E	0.80
1457	3/4" Set Screw Steel Insul Throat Conn	12	50.01 C	6.00	0.06 E	0.72
1556	1/2" Set Screw Steel Cplg	15	25.00 C	3.75	0.05 E	0.75
1557	3/4" Set Screw Steel Cplg	15	50.00 C	7.50	0.06 E	0.90
1894	1/2" Steel Squeeze Flex Conn	24	94.11 C	22.59	0.09 E	2.16
2278	1/2" 1-Hole Strap	33	10.00 C	3.30	4.29 C	1.42
2279	3/4" 1-Hole Strap	21	20.00 C	4.29	2.29 C	0.49
2555	3/8" Self Drill Anchor	54	10.00 C	5.44	3.00 C	1.63
2571	4" Square Box (1/2 & 3/4 KO's)	2	205.01 C	4.10	0.18 E	0.36
2573	4" Square x 2-1/8" Deep Box (1/2 & 3/4 KO's)	6	200.04 C	12.00	0.18 E	1.08
2574	4" Square x 2-1/8" Deep Box w/brkt (1/2&3/4 KO's)	6	249.92 C	15.00	0.20 E	1.20
2731	4" Square-1G Plaster Ring-5/8"D	6	99.99 C	6.00	0.07 E	0.42
--- 01 Raceway, Fittings & Boxes Total ---				345.99		27.26
--- 02 Wire & Cable ---						
2787	#12 THHN CU Solid Wire	630	220.00 M	138.60	6.50 M	4.10
11570	16/2 AWG Unshielded Fire Alarm Wire FPLR	300	205.00 M	61.50	10.00 M	3.00
--- 02 Wire & Cable Total ---				200.10		7.10
--- 03 Distribution ---						
5585	1P Manual Starter-Nema 1	6	58.14 E	348.84	0.40 E	2.40
--- 03 Distribution Total ---				348.84		2.40
--- 05 Wiring Device & Covers ---						
4716	4" Square 1G Ind Switch Cover	6	200.00 C	12.00	0.10 E	0.60
4791	4" Square Flat Blank Cover w/KO	2	60.01 C	1.20	0.07 E	0.14
--- 05 Wiring Device & Covers Total ---				13.20		0.74
--- 07 Misc ---						
6839	Red Wirenuts	51	220.00 M	11.22	2.00 C	1.02
T0001	Hook up damper	6	1.00 E	6.00	0.25 E	1.50
T0002	Hook up FA control relay	6	1.00 E	6.00	0.25 E	1.50
--- 07 Misc Total ---				23.22		4.02
Job Total				931.35		41.52



CONSTRUCTION

"Committed to Your Success"

GENERAL BUILDING CONTRACTORS

4.28.23

Change Proposal Request

8

HOME OFFICE:

151 S. 18TH ST.
SPARKS, NV 89431
TEL: 775-356-0150
FAX: 775-356-0247

Paul Cavin Architect, LLC
1575 Delucchi Lane
Reno NV 89502

re: RTAA Duty Manager Office Bldg. Remodel

Dear Paul,

reymanbrothers.com Presenting the following Change Proposal for review and approval.

Modifications per attached Base Operations Building Claification #3 (see attached)

LICENCES:

NEVADA
#12481C

CALIFORNIA
#702410

Gardner Engineering (see attached)

\$2,100.00

Classic Finishes (see attached)

\$1,582.00

sub-total	\$3,682.00
OH&P @ 15%	\$552.30
TOTAL ADD	\$4,234.30

CONTRACT TIME ADJUSTED:
Add 5 Callendar Days

Sincerely,

Jace E. Callender
Project Manager

Approved by: _____
Paul Cavin Design

Date Approved: _____

April 24, 2023

**22025 Reno-Tahoe International Airport – Base Operations Building Improvements –
Clarification #3 (Delta 6)**

Clarification 3 – Sheet AB511: Alteration Reflected Ceiling Plan–Base Operations Building

- **Sheet AB511:** This sheet has been revised to indicate the required modifications to the new lay-in ceiling design within the Vestibule 100 space due to a conflict with the mechanical duct routing and an existing rainwater leader pipe. The (2) lay-in ceilings that were previously shown will now be a single ceiling at 10'-0" a.f.f. The stud framed header that was added in Clarification #2 has now been removed. A slope transition within the lay-in ceiling system has been added at the existing storefront entry system. Mechanical modifications are kept to a minimum with the previously specified offset duct being flipped over to allow for the duct to go lower as well as a register being relocated which is accomplished by the previously designed flex duct. See the mechanical modification description below.

Clarification 3 – Sheet MB201: Mechanical Alterations Plan–Base Operations Building

- **Sheet MB201:** This sheet has been revised to indicate the previously designed offset duct to be flipped over allowing for the remainder of the ducting to be located beneath the existing rainwater leader piping. The removal of the 16/12 offset duct located within the Vestibule 100 space is also indicated.

End of Clarification #3

Attachments:

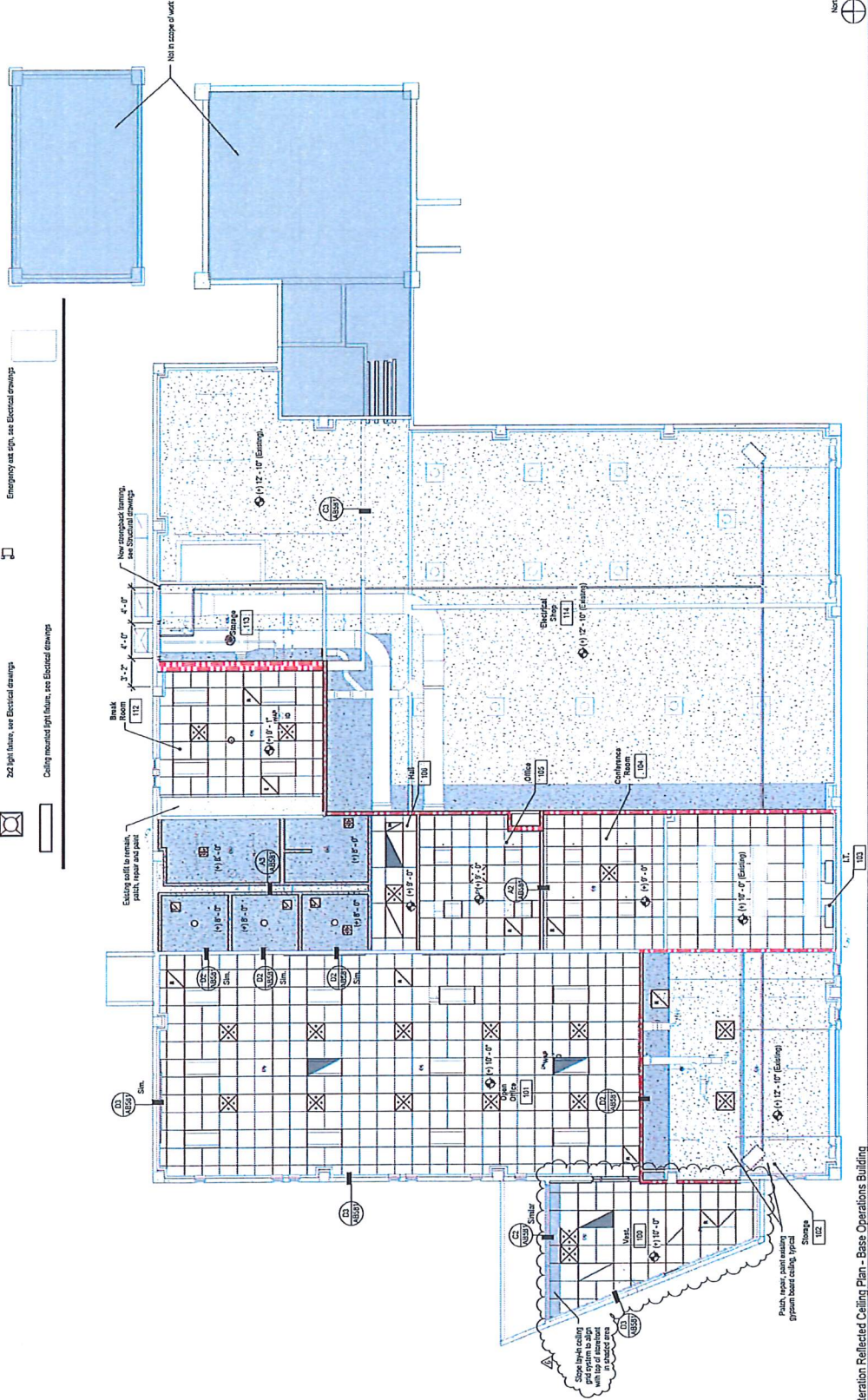
AB511: Alteration Reflected Ceiling Plan – Base Operations Building
MB201: Mechanical Alterations Plan – Base Operations Building

Reflected Ceiling Plan Legend

- 2x4 lay-in ceiling grid system, see Specifications
- 10' Type 'X' gypsum board ceiling, see Specifications (New ceiling board number)
- Open to structure above
- 2x4 light fixture, see Electrical drawings
- 2x2 light fixture, see Electrical drawings
- Ceiling mounted light fixture, see Electrical drawings
- 4x4 lay-in ceiling grid system, see Specifications
- 10' Type 'X' gypsum board ceiling, see Specifications (New ceiling board number)
- Open to structure above
- 2x4 light fixture, see Electrical drawings
- 2x2 light fixture, see Electrical drawings
- Ceiling mounted light fixture, see Electrical drawings
- As supply register, see mechanical drawings
- As return grille, see mechanical drawings
- Smoke detector
- Pan sprinkler
- Emergency exit sign, see Electrical drawings

Reflected Ceiling Plan Notes

- Contractor shall comply with IBC, local codes and manufacturers written restrictions and recommendations for installation of lay-in ceiling.
- See Project Manual and Specifications for additional information and requirements.
- See Mechanical drawings and Specifications for additional information and requirements.
- See Electrical drawings and Specifications for additional information and requirements.
- See Sheet 1851 for additional information.



05 Alteration Reflected Ceiling Plan - Base Operations Building

3/16" x 1/4"

Paul Cavin
Architect LLC

1575 Delacchi Lane, Suite 120
Reno, Nevada 89502
office: (775) 364-7083
mobile: (775) 842-0261
www.paulcavinarchitect.com
paul@paulcavinarchitect.com



consultant

project

Reno-Tahoe International Airport
Base Operations Building Improvements
PWP #WVA-2023-70
2001 East Plumb Lane
Reno, Nevada 89502

Rev	Description	Date
1	Construction	12/1/23

Drawn by	JANIS/MLB
Checked by	MLB
Date	12/05/23
Project number	22022
Sheet name	

Alteration Reflected
Ceiling Plan - Base
Operations Building

sheet number

AB511

MB201



Mechanical Alterations Floor Plan - Base Operations Building
SCALE: 3/16" = 1'-0"
1 MB201



270 East Parr Boulevard Reno, Nevada 89512
ph (775) 329-4133 • fx (775) 329-4564 • www.gardnereng.com

April 27, 2023

Reyman Brothers Construction
151 South 18th street
Sparks, Nevada 89431
Phone (775) 356-0150
Fax (775) 356-0247

Attention Mr. Darrell Linscott
Project Manager
dlinscott@reymanbrothers.com

Reference RTAA Duty Manager Office Remodel
GEI Job # 6638 – CE #4

Subject Duct Offset at Roof Drain
Clarification #3 (Delta #6)

Dear Darrell;

The following are our cost estimates for the described offset of the two ducts into the lobby area of the operations building. This is detailed in the above mentioned clarification, dated 4/27/2023 Please see the attached spreadsheet for an explanation of all associated costs.

Total costs for this scope of work.....\$2,100.00
(Two Thousand One Hundred Dollars)

This change estimate is based solely on direct cost elements such as labor, materials and normal markups, and does not include any amount for changes in sequence of work, delays, disruptions, rescheduling, extended overhead, acceleration, wage, material or other escalations beyond the prices upon which this proposal was based, or any other impact costs. The right is expressly reserved, and notice of potential claim is made, for any and all of these and other related items of cost prior to any final payment under this contract.

Please feel free to contact us if you have any questions or need any additional information.

Thank you,

GARDNER ENGINEERING INC.

D. Robinson

Danny Robinson
Project Manager
(775) 329-4133

GARDNER ENGINEERING, INC.

Project Name:

Change Estimate #

Date:

RTAA Duty Manager Office Remodel

CE #4 - Duct Offset at Roof drain

April 27, 2023

Description	Material Quantity	Shop Labor	Field Labor	Unit Cost	Total	Category Total
Materials						
Rectangular Duct Fittings (16x12)	4.00			96.00	384.00	
Round Offset fittings (14")	4.00			83.00	332.00	
					-	
					-	
					-	
						716.00
Labor						
Fab and Install of offset		4.00	6.00	105.00	1,050.00	
					-	
					-	
					-	1,050.00
Subcontracts and Other Costs						
					-	
					-	
					-	
					-	-
	Materials					716.00
	Equipment					-
	Sales Tax				8.265%	60.00
	Labor					1,050.00
	Subcontracts and Other Costs					-
	Subtotal					1,826.00
	Overhead & Profit				15.00%	274.00
	Bond					-
	Change Estimate Total					2,100.00

775.470.5218 Office
775.470.5303 Fax



Nevada Contractors
Licenses:
#80455 • C4
#80454 • C17

708 N. Center Street • Reno, NV 89501

April 26, 2023

Reyman Brothers Construction
151 S 18th St
Sparks, NV 89431

(775) 356-0150

Re: Reno-Tahoe International Airport Base Operations and Airfield Maintenance Office Improvements.

To whom it may concern,

We are pleased to provide you with our estimate to furnish and install the following services and materials for the above-referenced project. We are signatory to our respective trade unions, fully licensed, and bondable at a rate of approximately 2.50%. Please review the following for scope and exclusions.

This estimate is based on Clarification 3 dated 04-24-2023.

Work Included:

- Furnish and Install USG's Hold Down Clips, USG's SB2 Adjustable Wall Molding Brackets, and USG's MAC2 Cross Tee Clips per USG's Seismic Technical Guide for Sloped Ceilings, for Sloped Ceiling in Vestibule 100 per AB511 received in part with Clarification 3.

Total Clarification #3 Estimate (including tax): \$1,582.00



Work Excluded:

- **Demolition
- **Wood, Plywood, Wood Blocking/Firestopping, and or wood carpentry.
- **Metal, Aluminum, and/or Plastic Corner Guards.
- **Access Panels and/or installation of.
- **Aluminum Brake Metal, and/or any Extruded Metal Products to match Storefronts or Windows.
- **Metal Flashing & Copings.
- **110 & 220 3 phase power sources.
- **Grouting hollow metal door frames.
- **Color coding, I.D. banding sprinklers pipe painting.
- **Striping and signage paint.
- **Concrete floor sealers/hardeners.
- **Repair and patching Classic Finishes scope of work, due to damage by others.
- **Electrical/mech/plumbing fixture support wires.
- **Fire rating light fixtures and electrical outlets.
- **Firesafing, fire-caulking, firestopping.
- **Sound batt and/or Thermal Insulation.
- **Caulking/sealants.
- **Classic Finishes standard exclusions consist of the following:
 - ##Overtime (Over 40 Hours/Week); Weekends, Nightwork, or Shiftwork.
 - ##Temporary heat or weather protection.
 - ##Lighting, task, and area type.
 - ##All water requirements, minimum at 50 psi.
 - ##Testing, permits, bonds, fees, grade setting.
 - ##Temporary facilities, barriers, enclosures, and waste management.
 - ## No shop drawings, design build, as-built drawings, engineering, or calculations.

All work proposed must be ready for continuous progress and in-sequence work. Costs incurred by Classic Finishes, due to the delay by others shall be billed to General Contractor accordingly.

Should Classic Finishes be awarded this project, our bid Proposal in its entirety shall be included as an exhibit to the contract, as it is specific to our scope. Our Scope is limited to the above referenced scope inclusions and exclusions, no other assumptions have been made.

We thank you for the opportunity to submit an estimate for the above upcoming project. If you have any questions or comments, please feel free to call.

Classic Finishes, LLC Nevada Licenses:

- 1) #80455-C4: Limit: Unlimited 2) #80454-C17: Limit: Unlimited

Respectfully submitted,

Lorenzo Taormina
Estimating

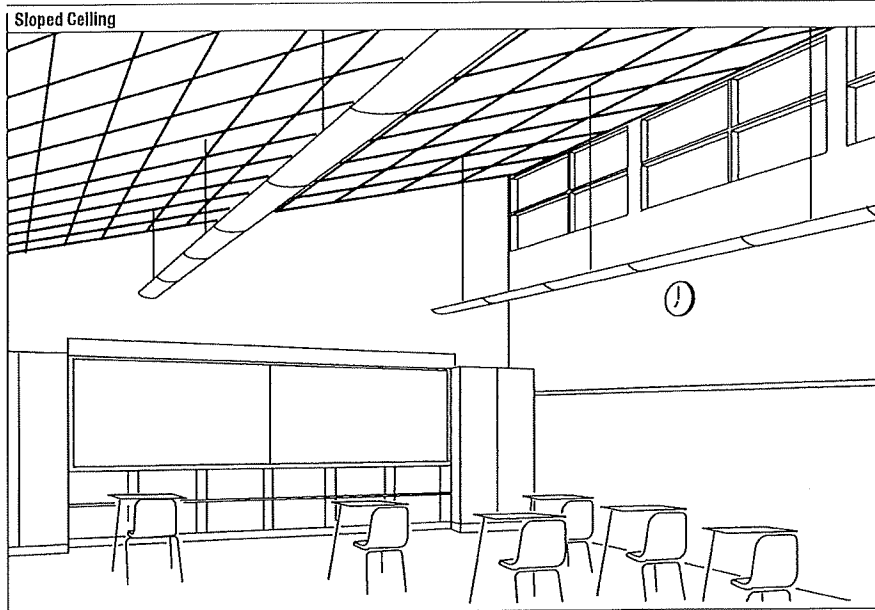
copy: rg

Quoted prices valid for 30 days unless otherwise noted. All material is guaranteed to be as specified. All work to be completed in a workmanlike manner, according to standard practices. Any alteration or deviation from above specifications involving extra cost will be executed only upon written orders and will become an extra charge over and above the proposal. All agreements contingent upon strikes, accidents, or delays beyond our control. Our workers are fully covered by worker's compensation Insurance. Issuance of subcontract deems acceptance to all conditions set forth.

Seismic Technical Guide

Sloped Ceilings

Designing and installing a sloped suspended ceiling can contribute to LEED® EQ Credit 8.1 Daylighting and Views. This design philosophy provides the building occupants a connection between indoor spaces and the outdoors through the introduction of daylight and views into the regularly occupied areas of the building. Generally, a sloped suspended ceiling and its supports and attachments are installed and designed in the same manner as a level suspended ceiling. However, there are exceptions and the actual construction of a sloped suspended ceiling in a seismic design category can meet code requirements in different ways.



USG® has a long history of product development and innovation for suspended ceiling systems in seismic applications and continues to commit resources to this endeavor. We have thoroughly examined lay-in sloped ceilings for seismic design categories C-F. The findings of this study and our recommendations are presented in this technical guide to assist in the interpretation of this ceiling application. There are many factors that affect the application of a sloped ceiling in a seismic design category and USG recommends that the design team, consulting engineers and code officials work together to analyze these factors and determine the appropriate construction and application of lay-in acoustical sloped ceilings. Because codes continue to evolve, check with a local official prior to designing and installing a sloped ceiling system.

Guidelines

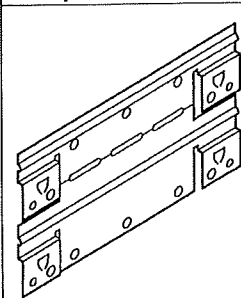
Sloped Ceilings

- Hold-down clips should be used for ceilings with slopes $\geq 15^\circ$.
- At least one hold-down should be used for each panel installed on the perimeter of the higher/top end of the slope.
- USG V15 and L15 hold-down clips are acceptable for use in sloped installations.
- The main tees shall run up/down, parallel with the slope.
- Hanger wires shall be suspended vertically.
- Struts shall remain vertical and the splay wires installed at max. 45° to the horizontal.
- Fabricated or locally sourced wall molding can be used to match the angles of the slope.
- For installations where 7/8-in. wall molding is desired and the slope is $> 15^\circ$, it is recommended that USG M7 wall molding be installed with the USG adjustable wall molding bracket.
- For installations utilizing the SB2 adjustable wall molding bracket, the brackets shall be spaced max. 24 in.
- Lower/bottom end of slope should be installed as a tight side in seismic design categories D, E and F.
- Higher/top end of slope should be installed as a floating side in seismic design categories D, E and F.
- The USG MAC2 clip may be used to secure the tee ends to the wall molding and field modified to match the slope of the tees.
- For installations with fabricated molding where the slope is $< 15^\circ$, the USG ACM7 seismic clip may be used on the lower/bottom end of slope and shall be installed with the back flanges on the inside of the wall molding with a fastener through either top fastener hole on the wing of the clip.
- For installations with fabricated molding where the slope is $< 15^\circ$, the USG ACM7 seismic clip may be used on the higher/top end of slope and shall be installed with the back flanges on the inside of the wall molding with a fastener through either lower fastener hole on the wing.
- Ceilings with slopes $> 25^\circ$ should be engineered.

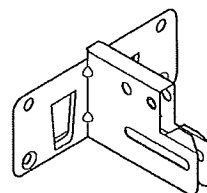
Components

Sloped Ceilings

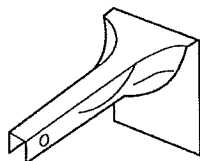
SB2 Adjustable Wall Molding Bracket



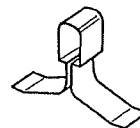
ACM7 Seismic Clip



MAC2 Clip



Panel Hold Down Clip



Requirements

Sloped Ceilings

Seismic Requirements¹

	Seismic Design Category C	Seismic Design Category D, E, F
Main-tee Classifications	Intermediate Duty	Heavy Duty
Perimeter vertical hanger wires not more than 8 in. from wall	Not required ²	Required
Grid end/wall clearance	3/8 in.	3/4 in. (two adjacent sides)
Perimeter closure (molding) width ³	7/8-in. min.	2-in. min. without seismic clip
Perimeter tee ends tied together at perimeters ⁴	Required	Required
Horizontal restraint (splay wires or rigid bracing) within 2 in. of intersection and splayed 90° apart at 45° angles for ceiling areas > 1,000 sq. ft.	Not required	Required
Compression posts (struts) 12 ft. o.c. in both directions, starting 6 ft. from walls for ceiling areas > 1,000 sq. ft.	Not required	Required
Seismic separation joint for ceiling areas > 2,500 sq. ft.	Not required	Required

¹ This is only intended as a quick reference. For a complete listing of these requirements please visit usg.com or seismicceilings.com.

Because codes continue to evolve, check with a local official prior to designing and installing a suspended ceiling system.

² When the perimeter closure angle approved for use provides min. 7/8 in [22 mm] support ledge.

³ Please see ICC-ESR-1222 for more information regarding the alternative wall moldings that may be used with the USG ACM7 seismic clip.

⁴ USG ACM7 seismic clip satisfies this requirement per ICC-ESR-1222.

Perimeter Treatment

Lay-in Suspended Ceiling Slope	Non-Seismic Installation	Seismic Design Category C	Seismic Design Category D, E, F
< 15°	USG M7 wall molding with positive attachment on all tee ends or 7/8-in. fabricated / locally sourced wall molding with positive attachment on all tee ends	USG M7 wall molding with ACM7 seismic clip or 7/8-in. fabricated / locally sourced wall molding with ACM7 seismic clip	USG M7 wall molding with ACM7 seismic clip or 7/8-in. fabricated / locally sourced wall molding with ACM7 seismic clip
15° – 25°	SB2 adjustable wall molding bracket with positive attachment on all tee ends or 7/8-in. fabricated / locally sourced wall molding with positive attachment on all tee ends	SB2 adjustable wall molding bracket installed with USG M7 wall molding and the USG ACM7 seismic clip	SB2 adjustable wall molding bracket installed with USG M7 wall molding and the USG ACM7 seismic clip
> 25°	Fabricated / locally sourced wall molding with positive attachment on all tee ends	Engineered	Engineered

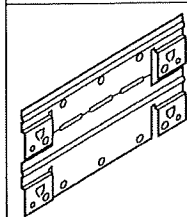
Sloped Ceiling Perimeter Treatment

SB2 Adjustable Wall Molding Bracket

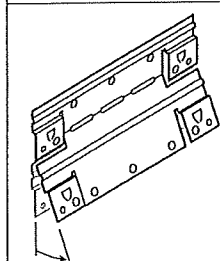
The SB2 adjustable wall molding bracket is a convenient way to secure standard wall molding at an angle to accommodate a sloped acoustical ceiling.

The brackets can be field modified to accommodate numerous slopes while utilizing standard wall molding. The SB2 adjustable wall molding bracket eliminates the need for fabricated wall molding and facilitates the use of the USG ACM7 seismic clip in sloped applications. Seismically tested and listed in PEI Evaluation Report, PER-12059.

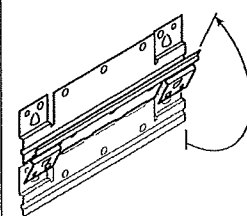
SB2 Adjustable Wall Molding Bracket



Up slope



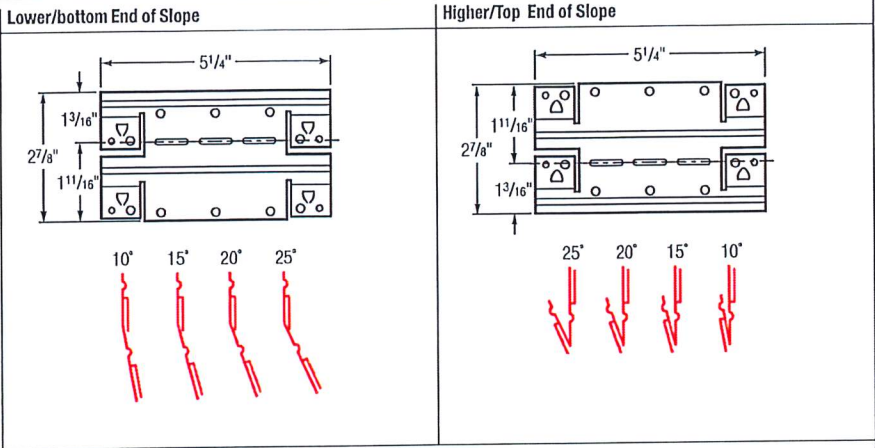
Down slope



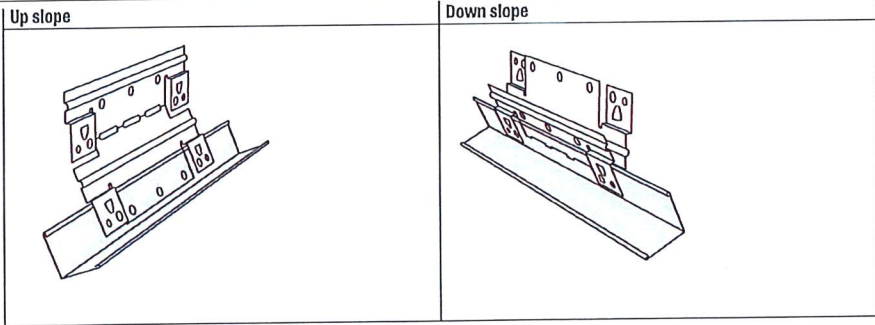
SB2 Adjustable Wall Molding Bracket

Installation

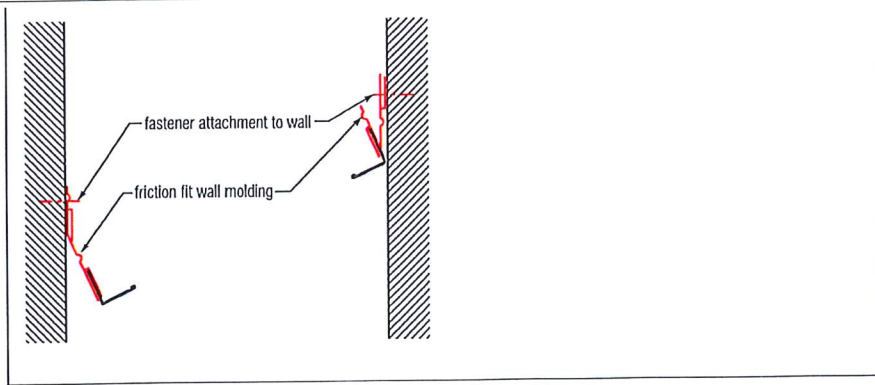
Typical Angles



Placement



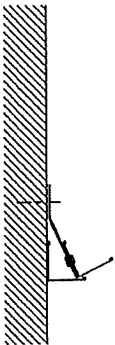
Attachment to Wall



SB2 Adjustable Wall Molding Bracket

Installation

Gaps

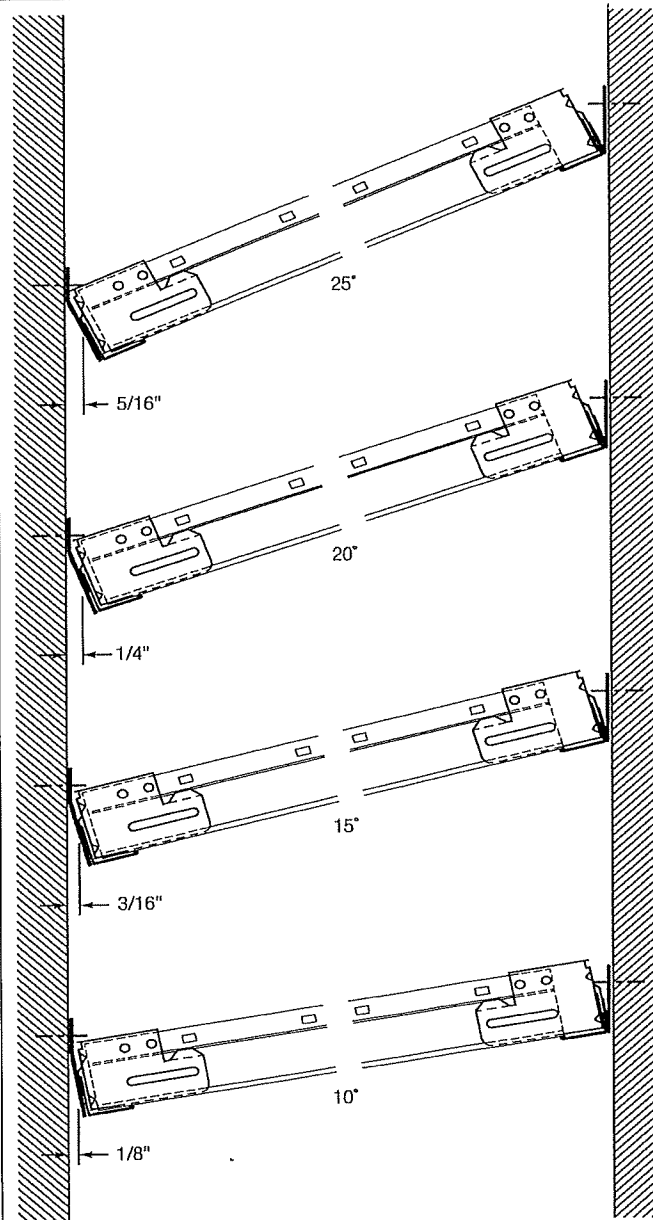
Clearance Gaps	Additional Wall Molding to Finish Gap
<p>Visible gap located on the lower/bottom end of the slope due to the angle of the molding. → 5/16"</p> <p>1/4"</p> <p>3/16"</p> <p>1/8"</p> <p>25°</p> <p>20°</p> <p>15°</p> <p>10°</p>	 <p>Note: Additional wall molding may be applied below the angled wall molding to conceal the gap created by the sloped ceiling.</p>

SB2 Adjustable Wall Molding Bracket

Installation

Seismic Applications

Angles and gaps with ACM7 Clip



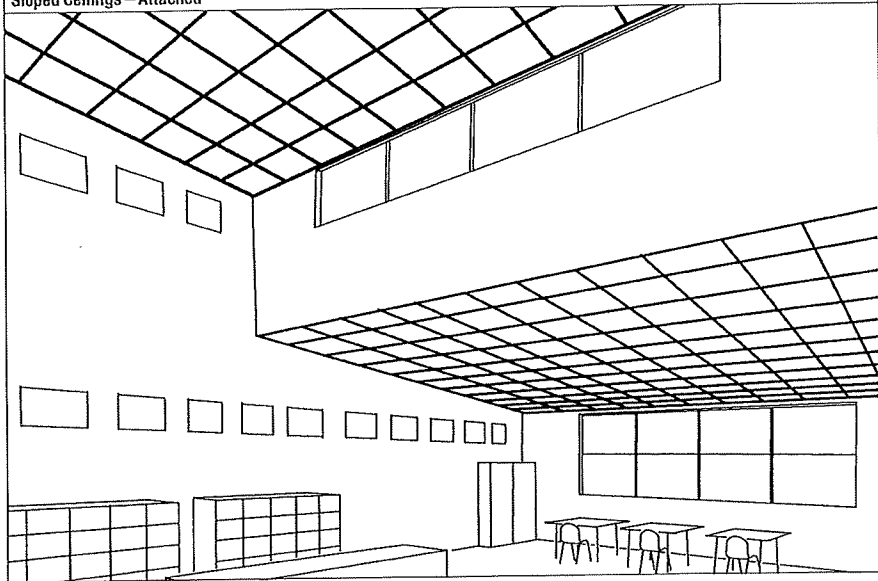
Note: $3/4"$ gap shown for typical seismic design categories D-F. $3/8"$ gap is typical for seismic design category C.

Construction

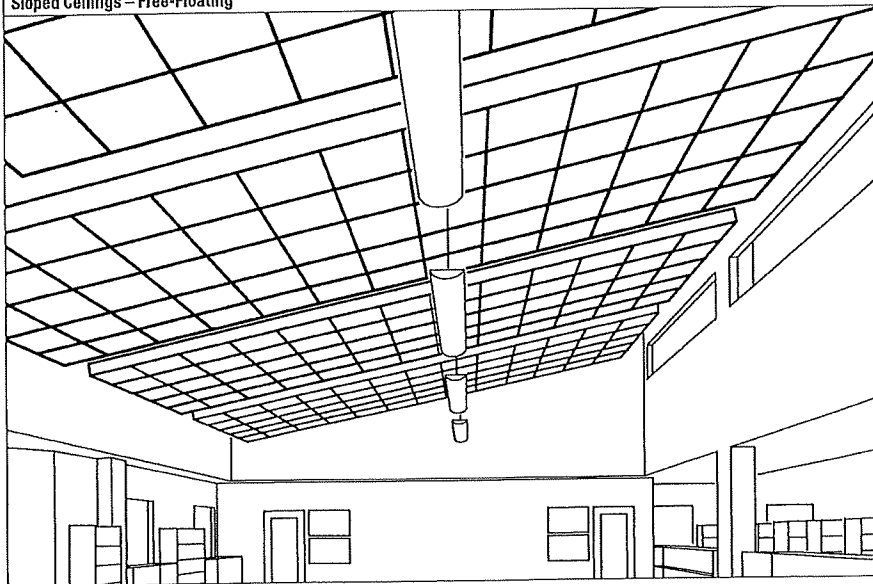
Attached Free-Floating

Generally, sloped suspended ceilings are installed attached at the perimeter or free-floating from the perimeter.

Sloped Ceilings – Attached



Sloped Ceilings – Free-Floating



Construction

Seismic Non-Seismic

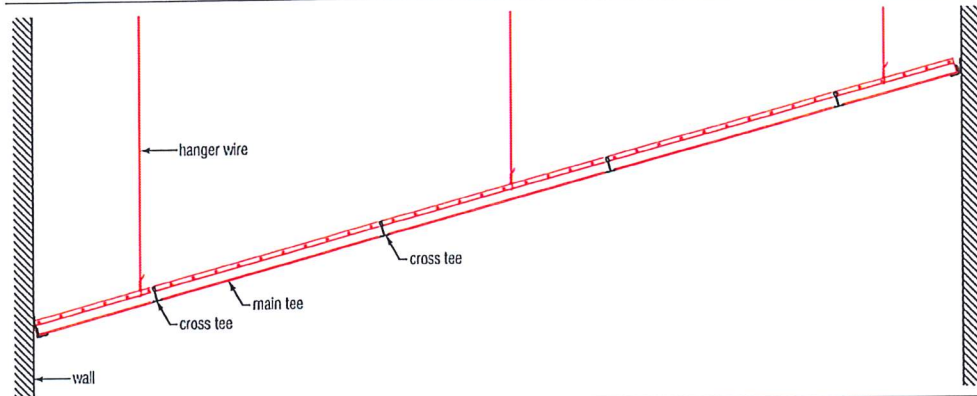
Construction Category	Non-Seismic Installation		Seismic Installation			
	Attached	Free-floating	Attached		Free-floating	
	—	—	Seismic Design Category C	Seismic Design Category D, E, F	Seismic Design Category C	Seismic Design Category D, E, F
Main-tee Classifications	Intermediate or Heavy Duty	Intermediate or Heavy Duty	Intermediate Duty	Heavy Duty	Intermediate Duty	Heavy Duty
Perimeter vertical hanger wires not more than 8 in. from wall	Not required	Not required	Not required	Required	N/A	N/A
Grid end/wall clearance	N/A	N/A	3/8 in.	3/4 in. (two adjacent sides)	N/A	N/A
Perimeter closure (molding) width	N/A	N/A	7/8-in. min.	2-in. min. without seismic clip	A perimeter trim or channel molding is typically used.	A perimeter trim or channel molding is typically used.
Perimeter tee ends tied together at perimeters*	Not required	Not required	Required	Required	Required	Required
Horizontal restraint (splay wires or rigid bracing) within 2 in. of intersection and splayed 90° apart at min. 45° angles for ceiling areas > 1,000 sq. ft.	Not required	Not required	Not required	Required	Not required	Required
Compression posts (struts) 12 ft. o.c. in both directions, starting 6 ft. from walls for ceiling areas > 1,000 sq. ft.	Not required	Not required	Not required	Required	Not required	Required
Seismic separation joint for ceiling areas > 2,500 sq. ft.	Not required	Not required	Not required	Required	Not required	Required
Hold-down clips	Not required	Not required	At least one installed for each panel located at the perimeter of the higher/top end of the slope. At least one installed for each panel in ceilings with slopes $\geq 15^\circ$.	At least one installed for each panel located at the perimeter of the higher/top end of the slope. At least one installed for each panel in ceilings with slopes $\geq 15^\circ$.	At least one installed for each panel located around the perimeter in ceilings with slopes $\geq 15^\circ$.	At least one installed for each panel located around the perimeter in ceilings with slopes $\geq 15^\circ$.

*USG ACM7 seismic clip satisfies this requirement per ICC-ESR-1222.

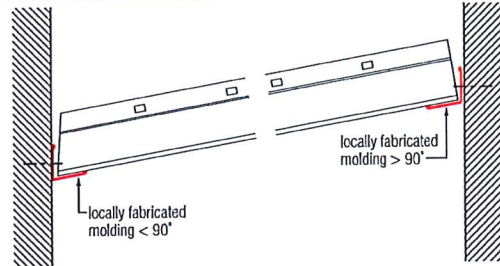
Applications

General

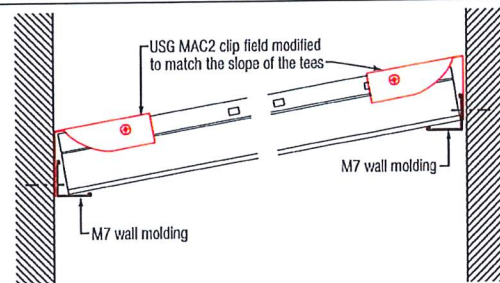
Main tees parallel with the slope and hanger wires suspended vertically.



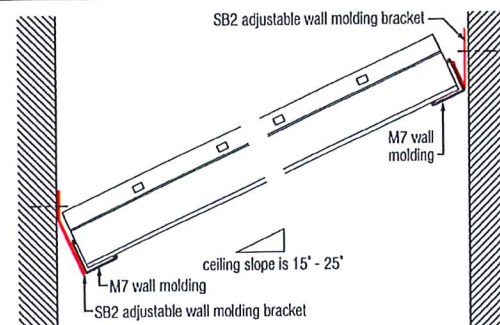
Fabricated or locally sourced molding can be used to match the angles of the slope.



The USG MAC2 clip may be used to secure the tee ends and field modified to match the slope of the tees



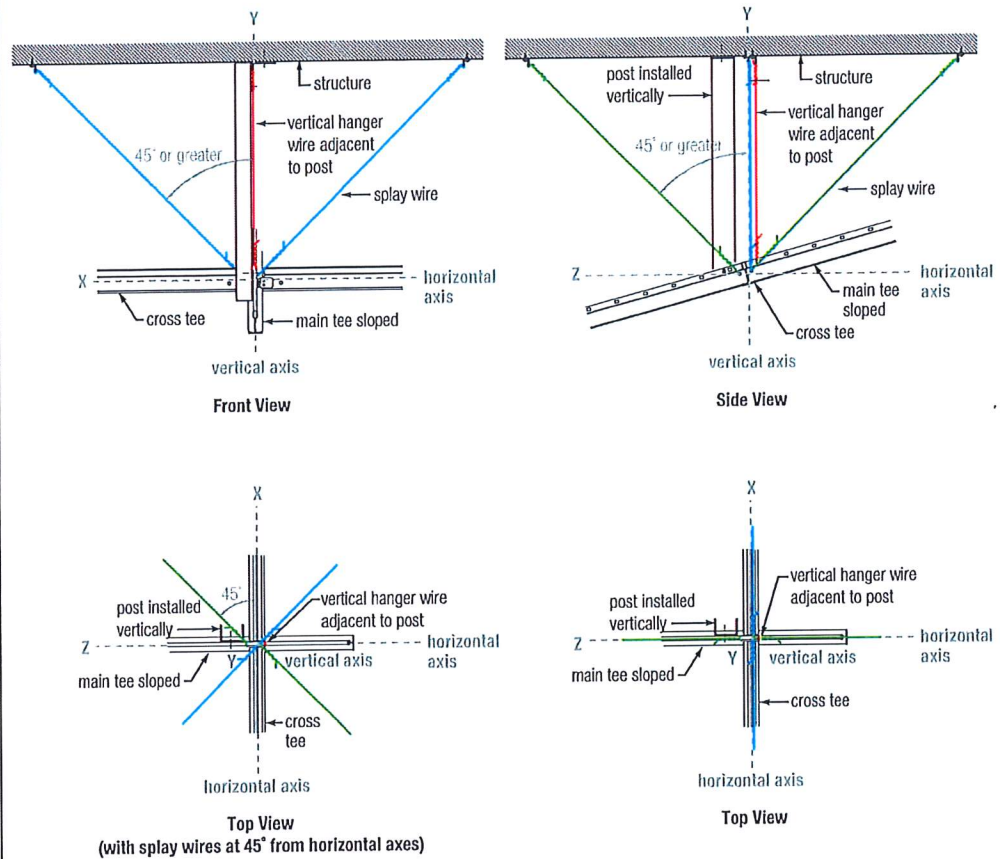
For installations where the slope is 15° - 25°, it is recommended that USG M7 molding be installed with the USG adjustable wall molding bracket.



Applications

Lateral Bracing

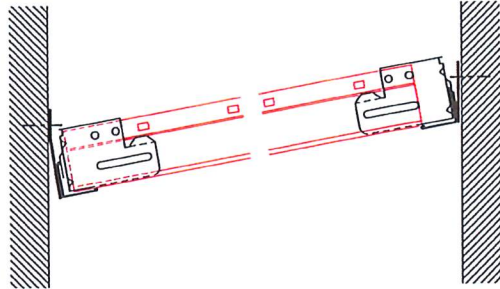
When required, struts are to remain vertical and the splay wires installed at max. 45° to the horizontal.
Please refer to SC2497 for more information about struts.



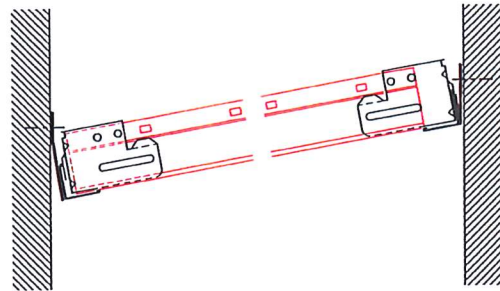
Applications

Seismic Design Categories

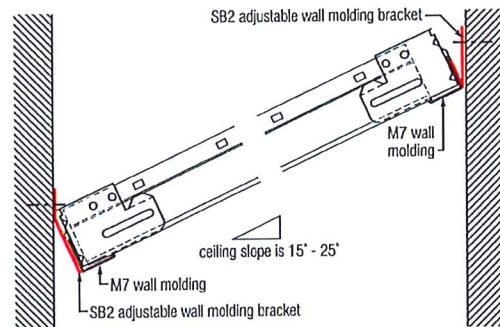
Lower/bottom end of slope should be installed as a tight side.



Higher/top end of slope should be installed as a floating side.



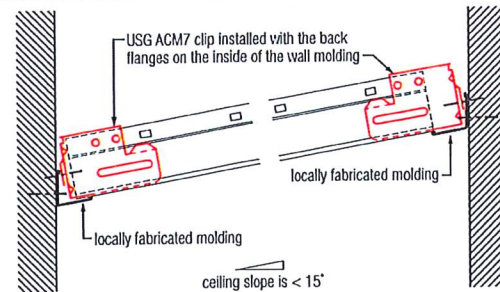
For installations where 7/8-in. wall molding is desired and the slope is 15° – 25° , it is recommended that USG M7 molding be installed with the SB2 adjustable wall molding bracket.



For installations with fabricated molding where the slope is $< 15^{\circ}$, the USG ACM7 seismic clip may be used on the *lower/bottom end of slope* and shall be installed with the back flanges on the inside of the wall molding with a fastener through either top fastener hole on the wing of the clip. Note a slight mouse hole or opening may be visible in this application.

Notes:

- The USG ACM7 seismic clip is not designed to function with wall molding fabricated at an angle $> 105^{\circ}$ or $< 75^{\circ}$.
- 3/4" gap shown for typical seismic design categories D-F.
- 3/8" gap is typical for seismic design category C.

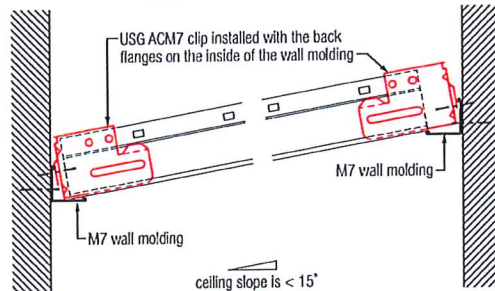


Applications

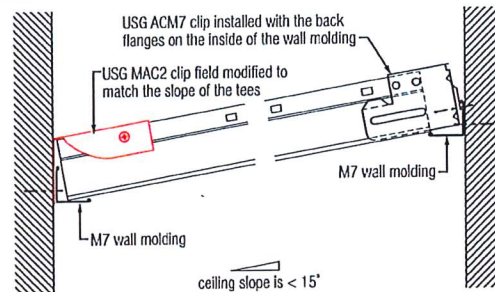
Attachments Methods

For installations with standard wall molding where the slope is $< 15^\circ$, the USG ACM7 seismic clip may be used on the *higher/top end of slope* and shall be installed with the back flanges on the inside of the wall molding with a fastener through either lower fastener hole on the wing.

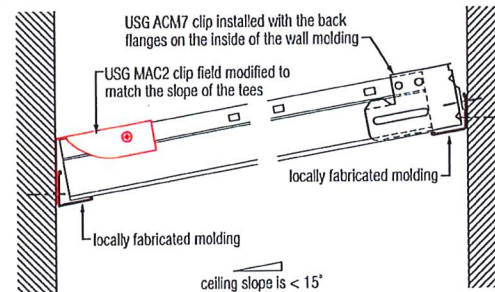
Note: The USG ACM7 seismic clip is not designed to function with wall molding fabricated at an angle $> 105^\circ$ or $< 75^\circ$.



For installations with standard wall molding where the slope is $< 15^\circ$, the USG MAC2 clip may be used to secure the tee ends on the lower/bottom end of slope and field modified to match the slope of the tees.



For installations with fabricated molding where the slope is $< 15^\circ$, the USG MAC2 clip may be used to secure the tee ends on the lower/bottom end of slope and field modified to match the slope of the tees.



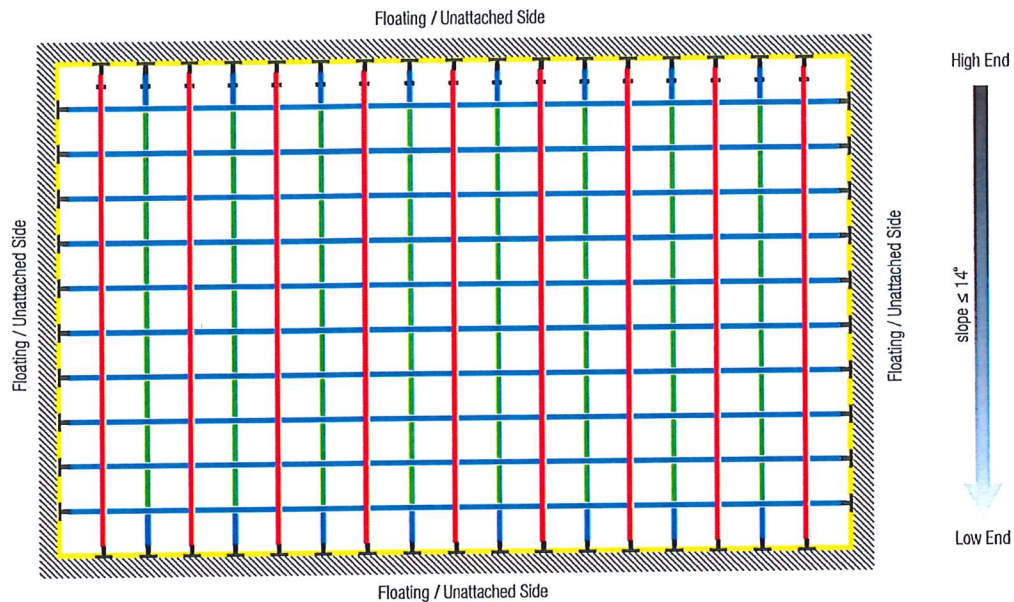
Sloped Layouts

Seismic Design Categories

- KEY
- Main Tee
 - Perimeter Trim
 - Panel Hold-Down Clip
 - 4 ft. Cross Tee
 - T USG ACM7 Seismic Clip
 - Stabilizer Bar
 - 2 ft. Cross Tee
 - Y USG ACM7 Seismic Clip or USG MAC2 Clip
 - /// Surrounding Wall

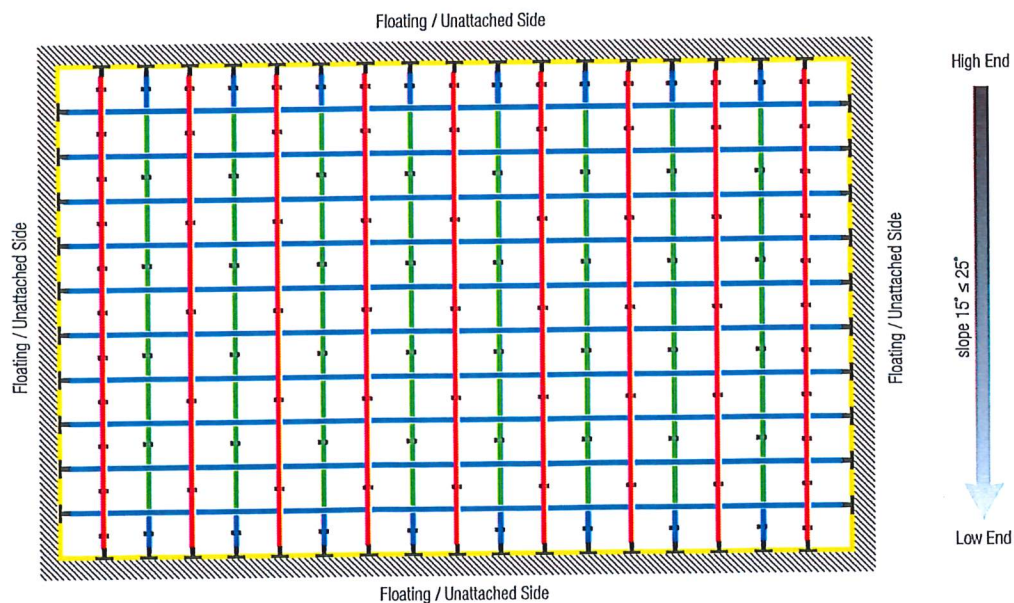
Category C

Slope: $\leq 14^\circ$



Category C

Slope: $15^\circ \leq 25^\circ$



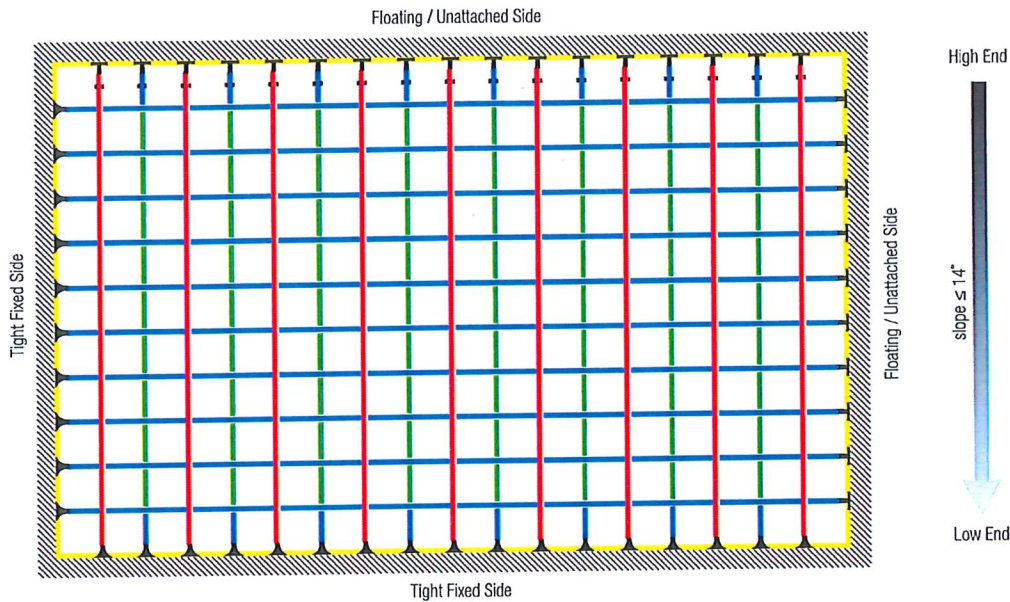
Sloped Layouts

Seismic Design Categories

KEY	Main Tee	Perimeter Trim	Panel Hold-Down Clip
	4 ft. Cross Tee	USG ACM7 Seismic Clip	Stabilizer Bar
	2 ft. Cross Tee	USG ACM7 Seismic Clip or USG MAC2 Clip	Surrounding Wall

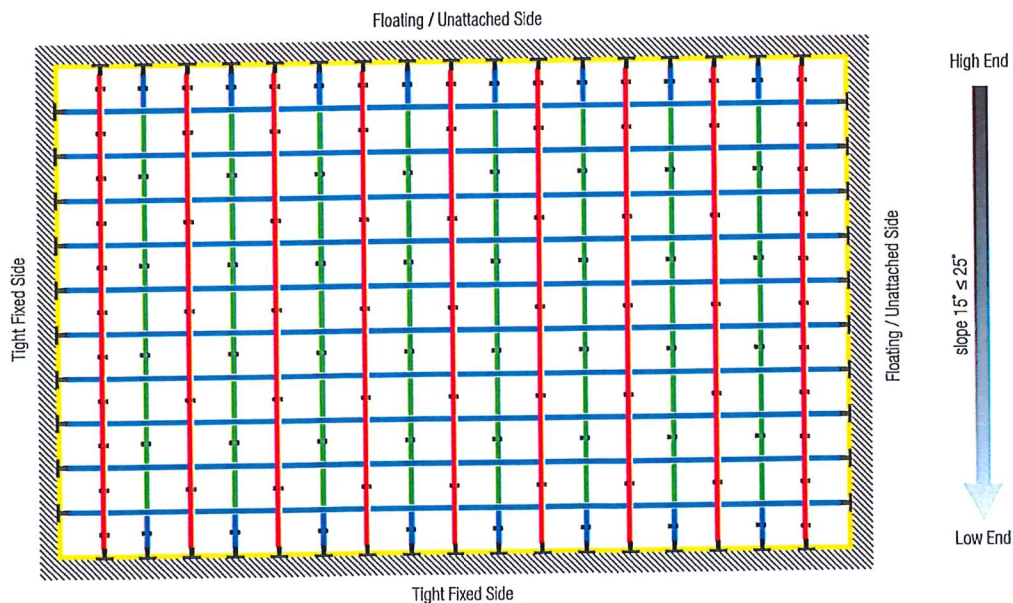
Category D, E, F

Slope: $\leq 14^\circ$



Category D, E, F

Slope: $15^\circ \leq 25^\circ$

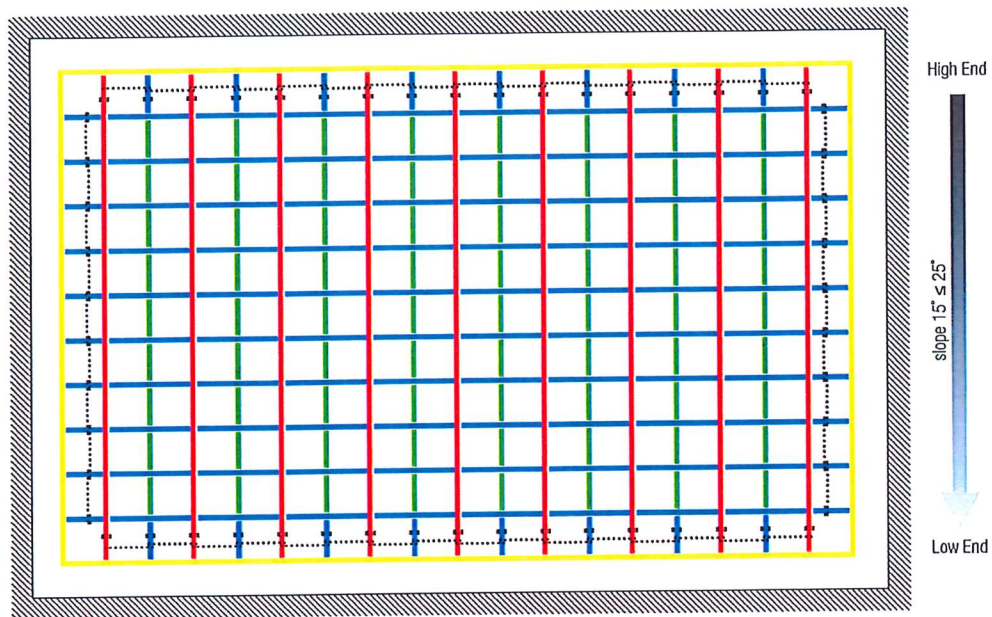


Sloped Layouts

Seismic Design Categories

KEY	Main Tee	Perimeter Trim	Panel Hold-Down Clip
	4 ft. Cross Tee	USG ACM7 Seismic Clip	Stabilizer Bar
	2 ft. Cross Tee	USG ACM7 Seismic Clip or USG MAC2 Clip	Surrounding Wall

Category C, D, E, F Free Floating Slope: $15^\circ \leq 25^\circ$



Seismic Code Reference Standards

Installation Guidelines for Suspended Ceilings				
International Building Code (IBC)	2003 IBC ↓	2006 IBC ↓	2009 IBC ↓	2012 IBC ↓
American Society of Civil Engineers (ASCE)	ASCE7-02 ↓	ASCE7-05 ↓	ASCE7-05 ↓	ASCE7-10 ↓
Ceilings Interior Systems Construction Association (CISCA) or ASTM International (ASTM)	CISCA Zones 0-2 CISCA Zones 3-4	CISCA Zones 0-2 CISCA Zones 3-4	CISCA Zones 0-2 CISCA Zones 3-4	ASTM E580

International Building Code (IBC) defines Seismic Design Categories A, B, C, D, E, and F.
www.iccsafe.org

ASCE/SEI 7 Minimum Design Loads for Buildings and Other Structures
American Society of Civil Engineers/Structural Engineer Institute (ASCE/SEI)
www.asce.org

Guidelines for Seismic Restraint for Direct-hung Suspended Ceiling Assemblies (Zones 3-4)
Recommendations for Direct-hung Acoustical Tile and Lay-in Panel Ceilings (Zones 0-2)
CISCA Ceilings & Interior Systems Construction Association (CISCA)
www.cisca.org

ASTM International E580/E580M Standard Practice for Installation of Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels in Areas Subject to Earthquake Ground Motions.
ASTM International (formerly American Society for Testing and Materials)
www.astm.org

Further References **USG Seismic Ceiling Resource Center**
Seismic Technical Guides
seismicceilings.com

CAUTION

Avoid bending the bracket back and forth too many times which will cause metal fatigue and weaken the bracket.

Product Information

See usg.com for the most up-to-date product information.

Installation

Must be installed in compliance with ASTM C636, ASTM E580, CISCA, and standard industry practices. ASTM C636 and the current building code limit the installation of suspended ceilings to level applications and do not address sloped ceiling conditions. Many jurisdictions accept the installation of sloped suspended ceilings, however, some jurisdictions interpret the current standards to exclude sloped ceiling installations. Check with a local official prior to designing and installing a sloped ceiling system.

Code Compliance

The information presented is correct to the best of our knowledge at the date of issuance. Because codes continue to evolve, check with a local official prior to designing and installing a ceiling system. Other restrictions and exemptions may apply. This is only intended as a quick reference.

Purpose

This seismic technical guide (STG) is intended as a resource for design professionals, to promote more uniform criteria for plan review and jobsite inspection of projects. This STG indicates an acceptable method for achieving compliance with applicable codes and regulations, although other methods proposed by design professionals may be considered and adopted.

ICG Evaluation Service, Inc., Report Compliance

Suspension systems manufactured by USG Interiors, Inc., have been reviewed and are approved by listing in ICC-ES Evaluation Report 1222. Evaluation Reports are subject to reexamination, revision and possible cancellation. Please refer to usgdesignstudio.com or usg.com for current reports.

L.A. Research Report Compliance

Down brand suspension systems manufactured by USG Interiors, Inc., have been reviewed and are approved by listing in the following L.A. Research Report number: 25764.

Progressive Engineering Inc. Evaluation Report Compliance

Seismically tested and listed in PEI Evaluation Report, PER-12059.

Notice

We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.

Safety First!

Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read MSDS and literature before specification and installation.



Manufactured by
USG Interiors, LLC
550 West Adams Street
Chicago, IL 60661

usg.com
seismicceilings.com
sustainableceilings.com
usgdesignstudio.com

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CONSTRUCTION

"Committed to Your Success"

GENERAL BUILDING CONTRACTORS

6.1.23

Change Proposal Request

10

HOME OFFICE:
151 S. 18TH ST.
SPARKS, NV 89431
TEL: 775-356-0150
FAX: 775-356-0247

Paul Cavin Architect, LLC
1575 Delucchi Lane
Reno NV 89502

re: RTAA Duty Manager Office Bldg. Remodel

Dear Paul,

reymanbrothers.com Presenting the following Change Proposal for review and approval.

Repair windows in Break Room 212 per RFI 22 response (see attached)

LICENCES:

Classic Finishes (see attached)

\$491.00

NEVADA
#12481C

Capital Glass (see attached)

\$750.00

CALIFORNIA
#702410

sub-total	\$1,241.00
OH&P @ 15%	\$124.10
TOTAL ADD	\$1,365.10

CONTRACT TIME ADJUSTED:
NA

Sincerely,

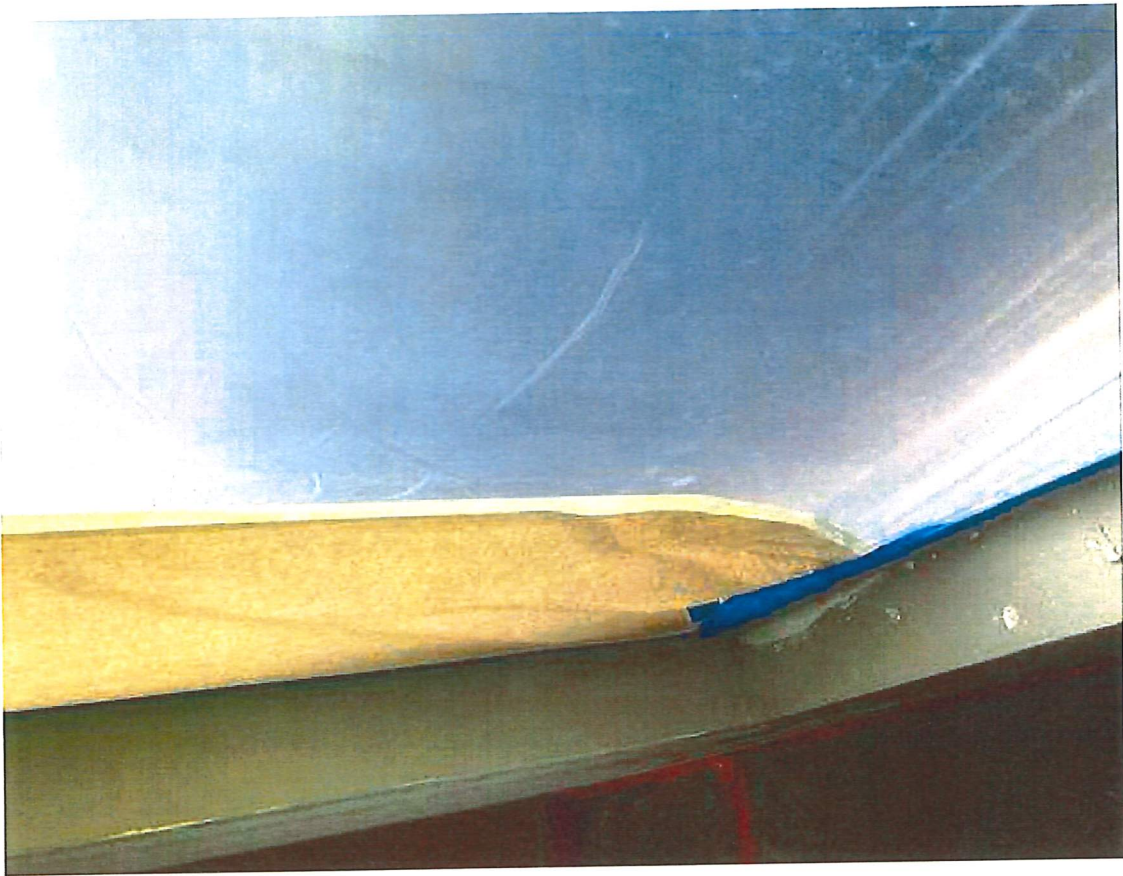
Jace E. Callender
Project Manager

Approved by: _____
Paul Cavin Design

Date Approved: _____







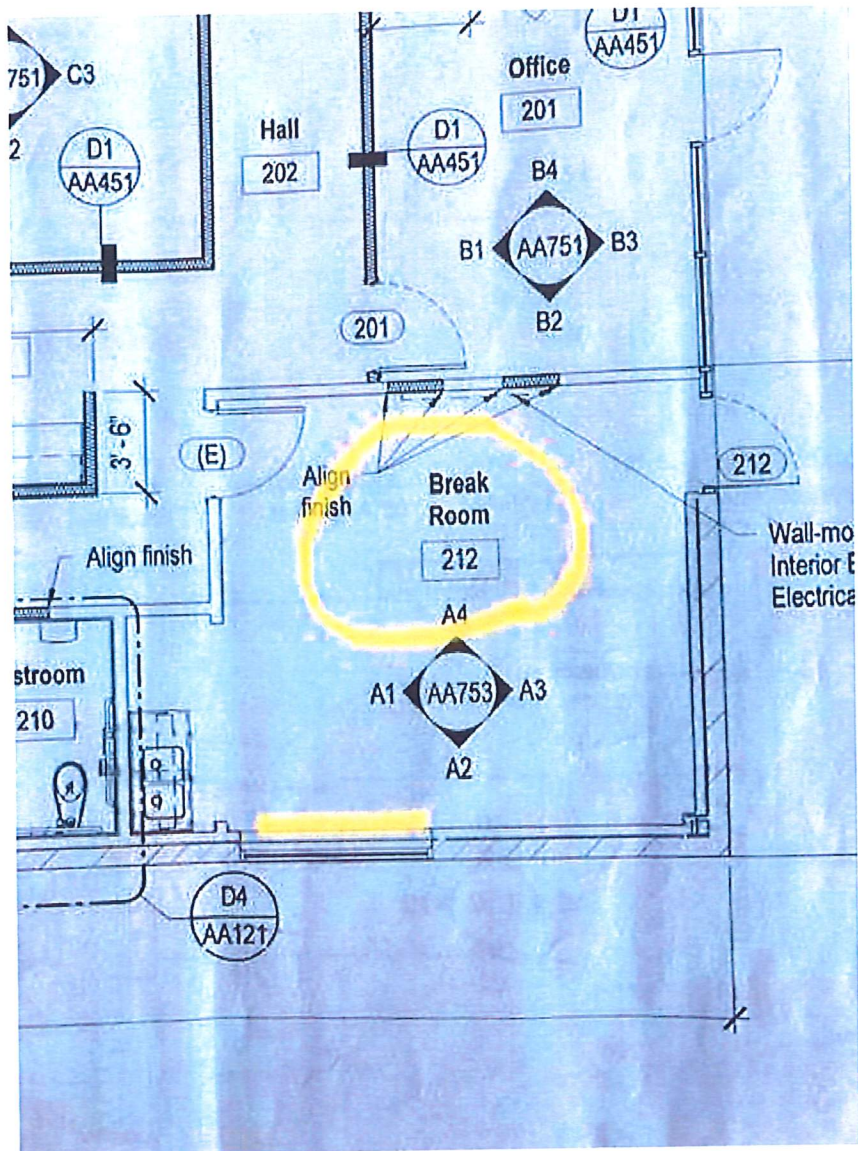
Sent from my iPhone



REQUEST FOR INFORMATION

PROJECT NAME: RTAA Duty Manager Office Bldg remodel		RESPOND BY:		ASAP
		GC'S RFI NO.		22
		SUB'S RFI NO.		
TO Paul Cavin Architects LLC		FROM: REYMAN BROS. CONSTRUCTION TEL: 775-356-0150 FAX: 775-356-0247		
RESPONSE BY:				
<input type="checkbox"/> System Eng. Consultants: <input type="checkbox"/> Structural Eng. Consultants: <input type="checkbox"/> Other Consultants:		<input type="checkbox"/> Mechanical <input type="checkbox"/> Plumbing <input type="checkbox"/> Electrical		
SUBCONTRACTOR:				
SUBJECT: Leaking Windows				
CATEGORY:				
<input type="checkbox"/> NEED FOR CLARIFICATION <input checked="" type="checkbox"/> UNFORSEEN CONDITION <input type="checkbox"/> CONFLICT WITHIN DOCUMENTS		<input type="checkbox"/> OMISSION <input type="checkbox"/> COORDINATION PROBLEM <input type="checkbox"/> OTHER		
<u>SPEC. SECTION</u>	<u>PARAGRAPH NO.</u>	<u>DRAWING NO.</u>	<u>DETAIL NO.</u>	
DESCRIPTION: The existing windows in Break Room 212 are leaking and have caused damage, please see attached photos and advise how to proceed.				
<input type="checkbox"/> ATTACHMENTS:				
<input type="checkbox"/> COST IMPACT:		EST.	<input type="checkbox"/> TIME IMPACT:	
CONTRACTOR SIGNATURE: <i>Jack C. Gellender</i>			DATE: 5.24.23	
RESPONSE: <div style="border: 2px solid red; padding: 10px; margin: 10px 0; background-color: #d4edda;"> <p style="color: red;">Please coordinate with Capital Glass on replacing missing/damaged seals and caulking on inside and outside of the system. Also coordinate with Classic Finishes in repairing and painting window surrounds once Capital Glass is finished with repairs.</p> <p style="color: red;">Jeffrey Purcell, Paul Cavin Architect LLC, 05/26/23</p> </div>				
<input type="checkbox"/> ATTACHMENTS:				
SIGNATURE:			DATE:	

From: [Josh Jenssen](#)
To: [Elizabeth Callender](#)
Cc: [Darrell Linscott](#)
Subject: Reno Tahoe Airfield Maintenance water damage
Date: Wednesday, May 24, 2023 1:08:04 PM



775.470.5218 Office
775.470.5303 Fax



Nevada Contractors
Licenses:
#80455 • C4
#80454 • C17

708 N. Center Street • Reno, NV 89501

May 30, 2023

Reyman Brothers Construction
151 S 18th St
Sparks, NV 89431

(775) 356-0150

Re: Reno-Tahoe International Airport Base Operations and Airfield Maintenance Office Improvements.

To whom it may concern,

We are pleased to provide you with our estimate to furnish and install the following services and materials for the above-referenced project. We are signatory to our respective trade unions, fully licensed, and bondable at a rate of approximately 2.50%. Please review the following for scope and exclusions.

This estimate is based on RFI 22.

Work Included:

Change Order Request:

- Patch and Repair (1) One Window Surround in Break Room #212 with 5/8" Type X Gypsum Board, and Tape & Finish to match existing Skip Trowel textured adjacent walls.

Total Change Order Request Estimate (Including Tax): \$491.00

775.470.5218 Office
775.470.5303 Fax



Nevada Contractors
Licenses:
#80455 • C4
#80454 • C17

708 N. Center Street • Reno, NV 89501

Work Excluded:

- **Demolition
- **Wood, Plywood, Wood Blocking/Firestopping, and or wood carpentry.
- **Metal, Aluminum, and/or Plastic Corner Guards.
- **Access Panels and/or installation of.
- **Aluminum Brake Metal, and/or any Extruded Metal Products to match Storefronts or Windows.
- **Metal Flashing & Copings.
- **110 & 220 3 phase power sources.
- **Grouting hollow metal door frames.
- **Color coding, I.D. banding sprinklers pipe painting.
- **Striping and signage paint.
- **Concrete floor sealers/hardeners.
- **Repair and patching Classic Finishes scope of work, due to damage by others.
- **Electrical/mech/plumbing fixture support wires.
- **Fire rating light fixtures and electrical outlets.
- **Firesafing, fire-caulking, firestopping.
- **Sound batt and/or Thermal Insulation.
- **Caulking/sealants.
- **Classic Finishes standard exclusions consist of the following:
 - ##Overtime (Over 40 Hours/Week); Weekends, Nightwork, or Shiftwork.
 - ##Temporary heat or weather protection.
 - ##Lighting, task, and area type.
 - ##All water requirements, minimum at 50 psi.
 - ##Testing, permits, bonds, fees, grade setting.
 - ##Temporary facilities, barriers, enclosures, and waste management.
 - ## No shop drawings, design build, as-built drawings, engineering, or calculations.

All work proposed must be ready for continuous progress and in-sequence work. Costs incurred by Classic Finishes, due to the delay by others shall be billed to General Contractor accordingly.

Should Classic Finishes be awarded this project, our bid Proposal in its entirety shall be included as an exhibit to the contract, as it is specific to our scope. Our Scope is limited to the above referenced scope inclusions and exclusions, no other assumptions have been made.

We thank you for the opportunity to submit an estimate for the above upcoming project. If you have any questions or comments, please feel free to call.

Classic Finishes, LLC Nevada Licenses:

- 1) #80455-C4: Limit: Unlimited 2) #80454-C17: Limit: Unlimited

Respectfully submitted,

Lorenzo Taormina
Estimating

copy: rg

Quoted prices valid for 30 days unless otherwise noted. All material is guaranteed to be as specified. All work to be completed in a workmanlike manner, according to standard practices. Any alteration or deviation from above specifications involving extra cost will be executed only upon written orders and will become an extra charge over and above the proposal. All agreements contingent upon strikes, accidents, or delays beyond our control. Our workers are fully covered by worker's compensation Insurance. Issuance of subcontract deems acceptance to all conditions set forth.

Exterior Panel Systems • Commercial • Lath • Plaster
Acoustic Ceilings • Drywall • Paint • Wall Covering

Darrell Linscott

From: Jon Zalaznik <JonZ@capitalglassnv.com>
Sent: Thursday, June 1, 2023 8:52 AM
To: Darrell Linscott
Cc: Jace Callender; Keven Olsen; Elizabeth Callender
Subject: RE: RTAA DUTY MANAGER OFFICE - RFI 22 LEAKING WINDOWS

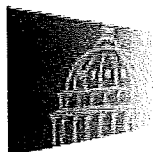
Darrell,

Looks like we'd need to reseal the frame from the exterior.

Plug in \$750.00

Thank you,

Jon Zalaznik
Project Manager



CapitalGlass

11331 S. Virginia St. #3
Reno, NV 89511

Contact #'s: Carson City: 775.883.6401, Reno: 775.324.6688 Ext. 156

www.CapitalGlassNV.com

Lic. #'s: NV: 10139, CA: 811436, AZ: 265620

(PLEASE REPLY ALL WHEN RESPONDING)

From: Darrell Linscott <dlinscott@Reymanbrothers.com>
Sent: Thursday, June 1, 2023 8:34 AM
To: Jon Zalaznik <JonZ@capitalglassnv.com>
Cc: Jace Callender <jcallender@Reymanbrothers.com>; Keven Olsen <kolsen@Reymanbrothers.com>; Elizabeth Callender <ecallender@Reymanbrothers.com>
Subject: FW: RTAA DUTY MANAGER OFFICE - RFI 22 LEAKING WINDOWS

Jon,
Just a friendly reminder. Pricing for this is due today by Noon.
Thanks,

Darrell Linscott
Project Manager
REYMAN BROTHERS CONSTRUCTION INC
"Committed to Your Success"
151 S 18th Street
Sparks, NV 89431

RENO-TAHOE AIRPORT AUTHORITY CONTINGENCY CHANGE ORDER



CCO No.

Contractor:

Project:

Solicitation Number:

Summary of Change and List of Attachments:

The contract currently has a previous Change Order No. 1 for contract days extension at no cost. Change Order No. 1 should have been documented as "Contingency Change Order No. 1" (CCO No. 1). This Contingency Change Order No. 2 (CCO No. 2) will reflect the correction and document as such. CCO No. 2 is also for the items described below. PCO cover sheets are attached.

PCO No. 1 - Removal of Fire Smoke Dampers (\$1,069.00)
 PCO No. 2 - Remove and Install Additional Fire Dampers (\$3,684.00)
 PCO No. 3 - Duct Detectors (\$1,133.00)

Contingency Change Order Summary:

Contract Contingency Total: \$

Total Previously Approved: \$

Total Change this Authorization: \$ ADD/DEDUCT

Remaining Contingency Balance: \$

Change in Contract Times:

Original Duration:

Previous Authorization:

This Authorization: ADD/DEDUCT

Revised Contract Time:

Contract Summary:

Original Contract: \$


Total Previously Approved CO's \$

Total Previously Approved CCO's \$

Contract Sum Prior to this CCO \$

Total Change this Authorization: \$


New Contract Sum: \$

Contractor Signature  Date:

Gardner Engineering, Robert Gardner

Project Mgr Signature  Date:

RTAA Project Mgr: Amanda Twitchell

Construction Mgr Signature  Date:

Atkins, Construction Manager: Kara Bymers

Manager Signature _____ Date: _____

RTAA Mgr Engineering & Construction: Jackie Borman



Member of the SNC-Lavalin Group

Atkins North America, Inc.
10509 Professional Circle, Suite 103
Reno, NV 89521-8991
Telephone: +1.775.828.1622
Fax: +1.775.851.1687
www.atkinsglobal.com/northamerica

April 14, 2023

Mrs. Haley Webbert
Project Engineer
Gardner Engineering and
Mechanical Services
270 East Parr Boulevard
Reno, NV 89512

**Subject: MZ-3 Replacement Project
Reno-Tahoe International Airport
Potential Change Order No. 01
Removal of Fire Smoke Dampers**

Dear Mrs. Webbert:

This Potential Change Order (PCO) sets forth the terms and conditions to provide labor, equipment, material and full compensation to remove four (4) fire smoke dampers that have been previously installed.

The following adjustment shall be made to the Schedule of Values:

PCO 01-01, Removal of Fire Smoke Dampers

• One Lump Sum price \$1,069.00

The total amount approved for this change is **\$1,069.00**. Gardner Engineering and Mechanical Services has not asked for and will not receive any days added to the contract duration for this change.

If the above terms and conditions are acceptable, please indicate by signing below and returning the original letter to this office. Upon receiving all approvals, the necessary change order documentation will be processed. A fully executed copy of this PCO will be forwarded to Gardner Engineering and Mechanical Services. If you have any questions, please call me at (775) 828-1622.

Sincerely,

Kara Bymers
Senior Construction Manager

Haley Webbert, Project Engineer
Gardner Engineering and Mechanical Services

Concur:

Amanda Twitchell, Senior Project Manager
Reno-Tahoe Airport Authority

Digitally signed by Jackie Borman, PE
DN: cn=Jackie Borman, PE, o=Manager of
Engineering and Construction, ou=Reno-
Tahoe Airport Authority,
email=jborman@renoairport.com, c=US
Date: 2023.04.21 16:22:08 -0700

Jackie Borman, Manager of
Construction Reno-Tahoe Airport Authority

Enclosure: Gardner Engineering and Mechanical Services' Letter dated March 30, 2023

File: 40.08.08



Member of the SNC-Lavalin Group

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10509 Professional Circle, Suite 103
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Fax: +1.775.851.1687
www.atkinsglobal.com/northamerica

April 27, 2023

Ms. Haley Webbert
Project Engineer
Gardner Engineering and
Mechanical Services
270 East Parr Boulevard
Reno, NV 89512

**Subject: MZ-3 Replacement Project
Reno-Tahoe International Airport
Potential Change Order No. 02
Remove and Install Additional Fire Dampers**

Dear Mrs. Webbert:

This Potential Change Order (PCO) sets forth the terms and conditions to provide labor, equipment, material and full compensation to remove two (2) existing 10-inch round supply air fire dampers; patch existing penetrations; and install one (1) 12-inch round supply and one (1) 12-inch round return air fire damper.

The following adjustment shall be made to the Schedule of Values:

PCO 02-01, Remove and Install Additional Fire Dampers

- One Lump Sum price \$3,684.00

The total amount approved for this change is **\$3,684.00**. Gardner Engineering and Mechanical Services has not asked for and will not receive any days added to the contract duration for this change.

If the above terms and conditions are acceptable, please indicate by signing below and returning the original letter to this office. Upon receiving all approvals, the necessary change order documentation will be processed. A fully executed copy of this PCO will be forwarded to Gardner Engineering and Mechanical Services. If you have any questions, please call me at (775) 828-1622.

Sincerely,

Kara Bymers
Senior Construction Manager

Haley Webbert 4/27/2023

Haley Webbert, Project Engineer
Gardner Engineering and Mechanical Services

Concur:

Amanda Twitchell, Senior Project Manager
Reno-Tahoe Airport Authority

Jackie Borman, Manager of Construction
Reno-Tahoe Airport Authority

Digitally signed by Jackie Borman, PE
DN: cn=Jackie Borman, PE, o=Manager
of Engineering and Construction,
ou=Reno-Tahoe Airport Authority,
email=jborman@renoairport.com, c=US
Date: 2023.04.27 18:32:21 -0700

Enclosure: Gardner Engineering and Mechanical Services' Letter dated April 18, 2023

File: 40.08.08



Member of the SNC-Lavalin Group

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10509 Professional Circle, Suite 103
Reno, NV 89521-8991
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www.atkinsglobal.com/northamerica

May 25, 2023

Ms. Haley Webbert
Project Engineer
Gardner Engineering and
Mechanical Services
270 East Parr Boulevard
Reno, NV 89512

**Subject: MZ-3 Replacement Project
Reno-Tahoe International Airport
Potential Change Order No. 03
Duct Detectors**

Dear Ms. Webbert:

This Potential Change Order (PCO) sets forth the terms and conditions to provide labor, equipment, material and full compensation for the additional work needed to trace and safe off the MZ-3 duct detectors per the enclosed response to Request for Information (RFI) No. 6.

The following adjustment shall be made to the Schedule of Values:

PCO 03-01, Duct Connectors	
• One Lump Sum price	\$1,133.00

The total amount approved for this change is **\$1,133.00**. Gardner Engineering and Mechanical Services has not asked for and will not receive any days added to the contract duration for this change.

If the above terms and conditions are acceptable, please indicate by signing below and returning the original letter to this office. Upon receiving all approvals, the necessary change order documentation will be processed. A fully executed copy of this PCO will be forwarded to Gardner Engineering and Mechanical Services. If you have any questions, please call me at (775) 828-1622.

Sincerely,

Kara Bymers
Senior Construction Manager

Haley Webbert, Project Engineer
Gardner Engineering and Mechanical Services

Concur:

Amanda Twitchell, Senior Project Manager
Reno-Tahoe Airport Authority

Jackie Borman, Manager of Construction
Reno-Tahoe Airport Authority

Digitally signed by Jackie Borman
DN: C=US, E=jborman@renoairport.com,
O=Manager of Engineering &
Construction, OU=Reno-Tahoe Airport
Authority, CN=Jackie Borman
Date: 2023.06.01 14:59:50-0700

Enclosures: 1. Gardner Engineering and Mechanical Services' Letter dated May 18, 2023
2. Ainsworth Associates Mechanical Engineers' response to RFI No. 6

File: 40.08.08

RENO-TAHOE AIRPORT AUTHORITY CONTINGENCY CHANGE ORDER



CCO No.

Contractor:

Project:

Solicitation Number:

Summary of Change and List of Attachments:

Provide labor, equipment, material and full compensation to replace installed 3-way toggle switches with two (2) VIVE Maestro Switches 1-Line and 1-Load to accomplish the 3-way function. The switches will communicate wirelessly to (2) newly installed ceiling mounted occupancy sensors per the enclosed letter dated June 19, 2023.

Contingency Change Order Summary:

Contract Contingency Total: \$

Total Previously Approved: \$

Total Change this Authorization: \$ ADD/DEDUCT

Remaining Contingency Balance: \$

Change in Contract Times:

Original Duration:

Previous Authorization:

This Authorization: ADD/DEDUCT

Revised Contract Time:

Contract Summary:

Original Contract: \$

Total Previously Approved CO's \$

Total Previously Approved CCO's \$

Contract Sum Prior to this CCO \$

Total Change this Authorization: \$


New Contract Sum: \$

Contractor Signature  Date:

Gardner Engineering, Robert Gardner

Project Mgr Signature  Date:

RTAA Project Mgr: Amanda Twitchell

Construction Mgr Signature  Date:

Atkins, Construction Manager: Kara Bymers

Manager Signature  Date:

RTAA Mgr Engineering & Construction: Jackie Borman

Gary Probert, Chief of Planning & Infrastructure, for Jackie Borman

June 19, 2023

Reno-Tahoe Airport Authority
Box 12490
Reno, NV 89510

Attention Amanda Twitchell
Senior Project Manager

Reference MZ-3 Replacement Project – Reno-Tahoe Airport
Solicitation #22/23-14
GEI Job # 6636 – CE#6 – Revision 2

Subject Dimmable Switches

Dear Amanda,

The costs for CE #6 have been adjusted to include the additional lighting work in the hallway. This includes replacing the existing 3-way toggle switches in the corridor with (2) VIVE Maestro Switches 1-Line & 1-Load to accomplish the 3-way function. The switches will communicate wirelessly to (2) newly installed ceiling mounted occupancy sensors. See the attached spreadsheet for an explanation of all associated costs.

Total amount for this scope of work.....\$3,533.00
(Three Thousand Five Hundred Thirty-Three Dollars)

Please do not hesitate to call us if you have any questions or need any additional information.

Haley Webbert

Project Engineer
Office (775) 329-4133
hwebbert@gardnereng.com

GARDNER ENGINEERING, INC.

Project Name:**Change Estimate #**

Date:

MZ-3 Replacement Project - Reno-Tahoe International Airport

CE#6 Dimmable Switches - Revision 2

June 19, 2023

[illegible]



NELSON ELECTRIC COMPANY, INC.

1410 FREEPORT AVENUE
SPARKS, NEVADA 89431

COR # 3 Revised

(775) 358-0643 FAX (775) 358-0674
NV LIC. #016697 CA LIC. #322768

PROPOSAL SUBMITTED TO: Gardner Engineering, Inc.		PHONE (775) 329-4133	DATE June 16, 2023
STREET 270 E. Parr Blvd.		JOB NAME RTIA-MZ3-Replacement	
CITY, STATE AND ZIP CODE Reno, NV 89502		JOB LOCATION: RTIA-MZ-3	
ARCHITECT RTIA/Ainsworth	DATE OF PLANS 9-12-22	ATTN: Danny/Haley	FAX PHONE N/A

This COR represents the costs associated with the labor & material which will be required to replace the existing Non-Dim Switching with Dimmable Switching as it pertains to the RTIA-MZ-3 Office Remodel + add ON/OFF 3-Way Occupancy Switching to the East Remodeled Corridor.

Pricing Reflects the following:

- 1). LOTO as required.
- 2). Remove Qty. (8) Non-Dim Occupancy Switches & (2) 3-Way Switches.
- 3). Supply & Install Qty. (8) Dimmable 0-10V Occupancy Switches.
- 4). Supply & Install Qty. (2) VIVE Wall Switches & Qty. (2) Wireless Ceiling Occ Sensors.
- 4). Supply & Install wiring & Terminations to complete.
- 5). Clean up Ceiling Tile debris as needed.
- 6). Work to be perform M-F 7AM-3:30PM

Note- The #12 wire will be used to replace the #12 wire we'll be using to pull in the added Dimming conductors.

Attachments:

Itemized Back-Up (3-pages)

EXCLUDES:

1. Same as contract docs.
2. Overtime/Shift & Weekend Work

We propose herby to furnish material and labor, complete in accordance with the above specifications for the sum of:

Two-Thousand Seven-Hundred Eighty-Two & 00/100 \$2,782.00

Authorized Signature:

A 1.5% (18% Annually) Finance Charge will be charged on all Accounts Past 30 days.

This proposal may be withdrawn if not accepted within Thirty (30) days.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance. All materials will remain the property of Nelson Electric Co., Inc. until all invoices pertaining to this job are paid in full. Right of access and removal is granted to Nelson Electric Co., Inc. in the event of non-payment under the terms of this contract. The customer agrees to pay all interest and any costs incurred in the collection of this debt

RTIA- MZ3 Replacement Project
Totals (Detailed) - Bid Summary: Default

Job Number 1111123913
 Bid Date 11/11/2022
 Bid Time 12:10:00 PM
 Square Footage 0

Material Totals

<u>Division</u>	<u>Total</u>	<u>Factor</u>	<u>Extended</u>
COR #3	\$259.17	0.00 %	\$259.17
Total	\$259.17		\$259.17

Quoted Material

T0013 - Vive Maestro Wall Switch Line	1.00	\$0.00	\$0.00
T0014 - Vive Maestro Wall Switch Load	1.00	0.00	0.00
T0015 - Vive Maestro Wireless Ceiling Occupancy Sensor	2.00	0.00	0.00
1 - Lighting (Supplier #1)			293.00

Total	\$293.00
Sales Tax (8.27%)	\$45.66
Total Material	\$597.83

Labor Hours

<u>Division</u>	<u>Total</u>	<u>Factor</u>	<u>Extended</u>
COR #3	21.48	0.00 %	21.48
Total	21.48		21.48

Labor Rates

<u>Category</u>	<u>% of Total</u>	<u>Hours</u>	<u>Base Rate</u>	<u>Burden \$</u>	<u>Burden %</u>	<u>Extended</u>
Journeyman	100.000	21.480	\$89.93	0.00	0.000	\$1,931.70
Total	100.000	21.480	x \$89.93 (average of labor rate w/burden) =			\$1,931.70

0

<u>Description</u>	<u>Hours</u>	<u>Rate</u>	<u>Factor</u>	<u>Extended</u>
Total				\$0.00
Total Labor (21.48 hours)				\$1,931.70
Job Subtotal (Prime Cost)				\$2,529.53
Overhead (10.00%)				252.95

RTIA- MZ3 Replacement Project
Totals (Detailed) - Bid Summary: Default

Profit (0.00%)	0.00
Job Total	\$2,782.48
Actual Bid Price	\$2,782.00
Material to Direct Labor ratio: 0.24	
Prime Cost per square foot	\$0.00
Job Total per square foot	\$0.00
Actual Bid Price per square ft	\$0.00
Labor cost per square foot	\$0.00
Labor hours per square foot	0.00
Gross Profit %	
Gross Profit \$	
Net Profit %	

RTIA- MZ3 Replacement Project

Job Number: 1111123913

Extension By Breakdown

Item #	Description	Quantity	Price U	Ext Price	Labor Hr U	Ext Lab Hr
— COR #3 —						
2596	THHN #12 Black Solid CU 500S/R	340	148.00 M	50.32	4.00 M	1.36
4055	#14-12-10 Wire Termination Labor	6	0.30 E	1.80	0.08 E	0.48
4287	2G Plastic Dupl Rcpt & Switch Plate	2	64.01 C	1.28	0.07 E	0.14
7375	Yellow Wire Nut	6	0.15 E	0.90	2.00 C	0.12
11589	Demo 3-way Toggle Switch	2	1.00 E	2.00	0.10 E	0.20
24578166	#16 TFFN Stranded Black Copper Wire	700	92.50 M	64.75	4.00 M	2.80
T0005	Apply & Remove Lock Out Tag Out Existing Circuitry	1	5.00 E	5.00	1.00 E	1.00
T0006	Remove Non-Dimmable Occupancy Sensor Switch	8	1.00 E	8.00	0.20 E	1.60
T0007	0-10 Volt Dimming Occupancy Sensor	8	0.00 E	0.00	0.35 E	2.80
T0008	De-Term #12	36	0.02 E	0.72	0.03 E	1.08
T0009	Terminate #16	70	0.02 E	1.40	0.04 E	2.80
T0010	Remove & Replace 2'X2' Ceiling Tiles	20	5.00 E	100.00	0.10 E	2.00
T0011	Layout	1	5.00 E	5.00	1.00 E	1.00
T0012	Remove & Re-Install Fixture Belly Pan/ Driver Access	18	1.00 E	18.00	0.15 E	2.70
T0013	Vive Maestro Wall Switch Line	1	QUOTE 1	0.00	0.35 E	0.35
T0014	Vive Maestro Wall Switch Load	1	QUOTE 1	0.00	0.35 E	0.35
T0015	Vive Maestro Wireless Ceiling Occupancy Sensor	2	QUOTE 1	0.00	0.35 E	0.70
— COR #3 Total —				259.17		21.48
Job Total				259.17		21.48

**CHANGE
ORDER****Distribution to:**

RTAA PURCHASING	<input checked="" type="checkbox"/>
PM	<input checked="" type="checkbox"/>
CM	<input checked="" type="checkbox"/>
ENGINEER	<input checked="" type="checkbox"/>
CONTRACTOR	<input checked="" type="checkbox"/>
FAA	<input type="checkbox"/>

Reno-Tahoe Airport Authority

Reno-Tahoe International Airport
Reno-Stead Airport
Box 12490
Reno, NV 89510



Project: Ticketing Hall Expansion Project, GMP No. 2

Solicitation #: RFP #21/22-03

To: McCarthy Building Companies, Inc.
2580 St. Rose Pkwy, Ste. 200
Henderson, NV 89074

Change Order Number 03

Change Order Initiation Date: June 15, 2023

AIP No. N/A

Original Contract Date: September 8, 2022

You are directed to make the following changes in the Contract:

Decrease Schedule of Values Line Item No. 34 - Owners Contingency by \$10,000.00. Funds to be transferred to RTAA soft costs for payment of items outside of the contract. (\$10,000.00)

All other terms, conditions, and requirements not modified herein remain unchanged.

Not valid until signed by ALL parties. Execution of this Change Order by both Owner and Contractor constitutes a binding agreement and serves as a full accord and satisfaction of any claim, demand, lien, stop notice or further request for compensation, past or present, known or unknown, and/or time extension arising out of or by virtue of the work described above in the Change Order. Contractor's signature indicates agreement herewith, including any adjustments in the Contract Sum or Contract Time.

The Original Contract Sum was.....	\$25,678,143.00
Net Changes by Previously Authorized Change Orders	\$213,828.68
Net Changes by Previously Authorized Contingency Change Orders	\$0.00
The Revised Contract Sum Prior to this Change Order was	\$25,891,971.68
The Contract Sum will be decreased by this Change Order.	(\$10,000.00)
The new Contract Sum, including this Change Order will be	\$25,881,971.68

The Contract Completion date prior to this Change Order is July 3, 2024.

The Contract Time will not change due to this change order.

Authorized By:

Atkins North America

Owner's Representative
10509 Professional Cir. Ste 103
Reno, NV 89521

Kara Bymers

By: Kara Bymers

06/15/2023

Date

RS&H

Architect
369 Pine Street, Suite 610
San Francisco, California 94104

Geoff Chevlin

By: Geoff Chevlin

Date

**McCarthy Building
Companies Inc.**

Contractor
2580 St. Rose Pkwy, Ste. 200
Henderson, NV 89074

Ross Edwards

By: Ross Edwards

06/22/2023

Date

Reno-Tahoe Airport Authority

Owner
P.O. Box 12490
Reno, NV 89510

By: Jackie Borman

Date