

AGENDA
SOUTHERN NEVADA AREA COMMUNICATIONS COUNCIL
BOARD OF DIRECTORS
REGULAR MEETING

1:30 P.M. – DECEMBER 6, 2021
Las Vegas Valley Water District
1001 S. Valley View Boulevard, MEAD 3
Las Vegas, NV 89153
Dial In Meeting Information:
Phone: 323-776-6758
Conference ID: 984193679#

ALL ITEMS LISTED ON THIS AGENDA ARE FOR ACTION BY THE BOARD OF DIRECTORS, UNLESS OTHERWISE INDICATED. ITEMS MAY BE TAKEN OUT OF ORDER. THE BOARD OF DIRECTORS MAY COMBINE TWO OR MORE AGENDA ITEMS FOR CONSIDERATION, AND/OR MAY REMOVE AN ITEM FROM THE AGENDA OR DELAY DISCUSSIONS RELATING TO AN ITEM ON THE AGENDA AT ANY TIME. COPIES OF WRITTEN MATERIALS PROVIDED TO THE BOARD MEMBERS IN ADVANCE OR AT THE MEETING MAY BE OBTAINED FROM JASON MANZO, SNACC OFFICE, 6000 EAST ROCHELLE, LAS VEGAS, NV OR BY CALLING (702) 455-7390.

COMMENTS BY THE GENERAL PUBLIC

NO ACTION MAY BE TAKEN: At this time, the Board of Directors will hear general comments from the public on matters under the jurisdiction of the Southern Nevada Area Communications Council.

ITEM NO.

1. **FOR POSSIBLE ACTION:** Approve the December 6, 2021 agenda and the minutes from the October 20, 2021 meeting.
2. **FOR POSSIBLE ACTION:** Vote for the new Chairman and Vice Chairman for 2022.
3. **FOR DISCUSSION:** Receive the administrator's report with the inclusion of the SNACC monthly financial reports and budget variances for the month of September and October 2021 and system reports for the months of October and November 2021.
4. **FOR POSSIBLE ACTION:** Approve the Motorola Change Order 13, to include Hoover Dam to the extended services contract.
5. **FOR POSSIBLE ACTION:** Authorize the SNACC Administrator to replace the air conditioning unit(s) at the Arden Peak site.

COMMENTS BY THE GENERAL PUBLIC

NO ACTION MAY BE TAKEN: At this time, the Board of Directors will hear general comments from the public on matters under the jurisdiction of the Southern Nevada Area Communications Council.

NEXT MEETING DATE/ADJOURN

AFFIDAVIT OF POSTING

This is a public meeting. In conformance with the Nevada Open Meeting Law, this agenda has been posted in the following locations:

Clark County Government Center
Clark County Water Reclamation District
Clark County Courthouse Annex
Las Vegas Valley Water District

<https://notice.nv.gov/>

PLEASE POST

Chairman: Scott Mazick **Vice Chairman:** Chris Vasquez

Board Members: Wendy Lotman, Larry Haydu, Terrance Holmes, Vince Albowicz,
Isaac Henn, Frank Milligan, Mitchell Maciszack & Brad Adams

**Southern Nevada Area Communications Council
Agenda Item**

Issue: Approve the December 6, 2021 agenda and the minutes of the October 20, 2021 meeting.	Date: December 6, 2021
Petitioner: Jason Manzo, SNACC Administrator	Agenda Item: 1
Recommendation - FOR POSSIBLE ACTION: That the Board approve the December 6, 2021 agenda and the minutes of the October 20, 2021 meeting and/or take action as necessary.	

Fiscal Impact:
None

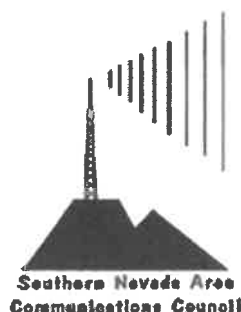
Background:
The Southern Nevada Area Communications Council operates an 800 megahertz (MHz) Public Safety radio communications system in the Clark County /Las Vegas urban area. This will be a reoccurring item.

Respectfully Submitted:


Jason Manzo
SNACC Administrator

Southern Nevada Area Communications Council

MEETING MINUTES



Date: October 20, 2021

Location: Southern Nevada Area Communications Council
6000 E. Rochelle Ave
Las Vegas, NV 89122

Time: 1:30 P.M.

Board members present:

Scott Mazick, Chair	Chris Vasquez, Vice Chair
Frank Milligan	Ed Babauta
Terrance Holmes	Wendy Lotman
Mitchell Maciszak	Issac Henn
Brad Adams	

Call to Order

Public Comment: NONE GIVEN

Unless otherwise stated, items may be taken out of the order presented on the agenda, and two or more items may be combined for consideration. The Board may also remove an item from the agenda or delay discussion relating to an item at any time

1. Approve the October 20, 2021 agenda and the minutes from the August 18, 2021 meeting. *(FOR POSSIBLE ACTION)*
 - Motion was made to approve; motion passed unanimously.
2. Receive the Administrator's report with the inclusion of the SNACC monthly financial reports and budget variances for the months of July and August 2021 and system reports for the months of August and September 2021. *(FOR DISCUSSION):*

SNACC ADMINISTRATOR'S REPORT

OCTOBER 20, 2021

SNACC UPDATES:

We completed the first PM on our 4 large UPS's. 3 of the units had no issues. 1 unit will need a new control board. We are working with Toshiba to get a quote for the part.

RTC has received their new APX radios.

I am having weekly meetings with Motorola about our Simulcast. We are making progress on a new design to better cover the Las Vegas Valley.

I have the statement of work for our Microwave project. We are now waiting to see what the Simulcast redesign looks like since this will impact the microwave statement of work.

BUDGET VARIANCES:

July 2021

1. **Office Space** – Used entire budgeted amount of \$12,000 for SNACC monthly rent for office space.
2. **Vehicle Maintenance** - \$1,027.36 – 5.1% - This is for SNACC vehicles and generators.
3. **Clark County Agreement** - \$3,577 – 7.5% - 1st quarter payment.

August 2021

1. **Overtime** - \$448.20 – 6% - calls that come in after hours and day to day operations.
2. **Mr. Janitorial** - \$350 – 12% - cleaning services
3. **Business Liability Insurance** - \$26,858.41 – over budget by -16.8% due to budgeted amount. This is for the Nevada Public Agency Insurance Plan/POOL PACT, this agreement was ratified by the SNACC Board on the August 18, 2021 meeting.
4. **Operating and Cleaning Supplies** - \$50.27 – 7.1% - Ordered paper products from Brady Holdings.
5. **Electricity** - \$1,968.57 – 12.3% - NV Power and City of BC. This is for our Brooks and Red Mountain Sites.
6. **Telecommunications** - \$1,319.73 – 13.8% - United teleservices, Telecom fee Aug 2021, AT&T CellCo Partnership.
7. **Print/Production** - \$245.10 – 11.3% - Print shop (Business cards for Tech and Administrator) and Konica Minolta Charge for July 2021.

SYSTEM REPORTS:

August 2021

1. **Airtime** – 3040.2 (Hours)
2. **Push-To-Talks** – 2,223,888
3. **Busies** – 85 (1.89 Minutes)

September 2021

1. **Airtime** – 2988.5 (Hours)
2. **Push-To-Talks** – 2,177,596

3. Busies – 84 (2.33 Minutes)

These reports can be found on the SNACC Website: <http://SNACCOOnline.com>

- 3. For the Board to approve the Preliminary Budget for Fiscal Year 2023, this will be presented to the Board by the SNACC Administrator, Jason Manzo. (FOR POSSIBLE ACTION):**

Southern Nevada Area Communications Council

Fiscal Year 2023 Preliminary Budget

Presented 10/20/2021

1

SNACC – FY23 PRELIMINARY BUDGET: REVENUES

FY22 Revenues - Budgeted	
Radios Fees	\$ 2,899,211
Reimbursement of Console SUAM & Maint	\$ 404,570
Total	\$ 3,303,781

FY23 Revenues- (Preliminary)	
Radios Fees	\$ 2,805,138
Reimbursement of Console SUAM & Maint	\$ 420,082
Total	\$ 3,225,220

- Fiscal year 2023 revenues ~
 - Revenue is decreased 2.4% over fiscal year 2022 budgeted revenues.
 - Annual fee is increased 5.7% to \$311.62 per radio
 - Radio inventory has decreased from 9,642 to 9,547 as of latest Change Order (12).
 - Reimbursement of console maintenance is increased 3% in response to the annual escalation rate as contracted with Motorola

2

SNACC – FY23 PRELIMINARY BUDGET: SALARIES and BENEFITS

FY22 Salaries, Wages, and Benefits (Budgeted)	
Salaries	\$ 307,185
Benefits	\$ 144,903
Overtime	\$ 7,500
Call Back	\$ 2,500
Total	\$ 462,088

FY23 Salaries, Wages and Benefits (Preliminary)	
Salaries	\$ 319,472
Benefits	\$ 190,400
Overtime	\$ 7,500
Call Back	\$ 2,500
Total	\$ 519,873

- Fiscal year 2023 salary and benefit budget ~
 - Salaries are increased 12.5% over fiscal year 2022 and include merit adjustments in accordance with labor contracts at the time of preparation of this report. Also, included in the increase is the County's decision to resume 80 work week.

3

SNACC – FY23 PRELIMINARY BUDGET: SERVICES AND SUPPLIES

FY22 Services and Supplies	
FCC licensing assistance	\$ 1,780
Repair, maintain, clean facilities	\$ 2,720
Air Conditioning Service & Repairs	\$ 9,000
UPS maintenance	\$ 5,400
Rack Space Rental at Apex and Suncoast	\$ 8,466
Lease of SNACC offices	\$ 12,000
Elkhorn lease	\$ 6,000
Business Insurance	\$ 23,000
Data Circuit charges	\$ 5,320
Keys	\$ 205
Office, cleaning supplies	\$ 6,400
Hardware and supplies	\$ 13,264
Computer equipment and software	\$ 4,500
Electricity	\$ 16,000
Staff Travel/Training	\$ 10,000
Support, incl Administrative Support Agrmnt	\$ 48,763
Telecommunications	\$ 4,560
Printing	\$ 2,100
Automotive	\$ 20,000
Total	\$ 199,478

FY23 Services and Supplies (Preliminary)	
FCC licensing assistance	\$ 1,780
Repair, maintain, clean facilities	\$ 2,720
Air Conditioning Service & Repairs	\$ 9,000
UPS maintenance	\$ 5,400
Rack Space Rental at Apex and Suncoast	\$ 8,466
Lease of SNACC offices	\$ 12,000
Elkhorn lease	\$ 6,000
Business Insurance	\$ 23,000
Data Circuit charges	\$ 5,320
Keys	\$ 205
Office, cleaning supplies	\$ 6,400
Hardware and supplies	\$ 13,264
Computer equipment and software	\$ 4,500
Electricity	\$ 16,000
Staff Travel/Training	\$ 10,000
Support, incl Administrative Support Agrmnt	\$ 48,763
Telecommunications	\$ 4,561
Printing	\$ 2,100
Automotive	\$ 20,000
Total	\$ 199,478

- Fiscal year 2023 services and supplies budget ~
 - Services and Supplies remained flat YOY.

4

SNACC – FY23 PRELIMINARY BUDGET: SUAll and MAINTENANCE

FY22 SUAll and Maintenance	
SUAll for Consoles (reimbursed)	\$ 230,568
Maintenance for Consoles (reimbursed)	\$ 174,002
SUAll for system infrastructure	\$ 298,881
Maintenance for system infrastructure	\$ 495,526
Total	\$ 1,198,977

FY23 SUAll and Maintenance (Preliminary)	
SUAll for Consoles (reimbursed)	\$ 230,568
Maintenance for Consoles (reimbursed)	\$ 189,514
SUAll for system infrastructure	\$ 298,881
Maintenance for system infrastructure	\$ 510,392
Total	\$ 1,229,355

- Fiscal year 2023 SUAll and Maintenance ~
 - Infrastructure and console maintenance increases are at the contracted annual escalation rate of 3%.

5

SNACC – FY23 PRELIMINARY BUDGET: CAPITAL

FY22 Capital - Budgeted	
Capital lease interest	\$ 68,048
Capital lease principal	\$ 514,533
Microwave upgrade	\$ 1,900,000
Replace Vehicle 14236	\$ 75,000
Arden Site AC/Genesis/Device Mgmt	\$ 92,500
Total	\$ 2,557,582

FY23 Capital (Preliminary)	
Capital lease interest	\$ 47,996
Capital lease principal	\$ 534,586
Device Management - licenses for 3,500 add'l radios	\$ 87,500
Simulcast Redesign Project	\$ 1,500,000
Total	\$ 2,170,082

- Fiscal year 2023 capital budget
 - Fiscal year 2023 includes Device Management licenses for 3,500 additional radios and the Simulcast Redesign Project.
- Status of Capital Lease Agreement
 - Original amount of issue in fiscal year 2015: \$4,795,356
 - Final payment date: December of 2024
 - Principal balance at end of fiscal year 2022: \$1,375,782
 - Principal balance at end of fiscal year 2023: \$841,196

6

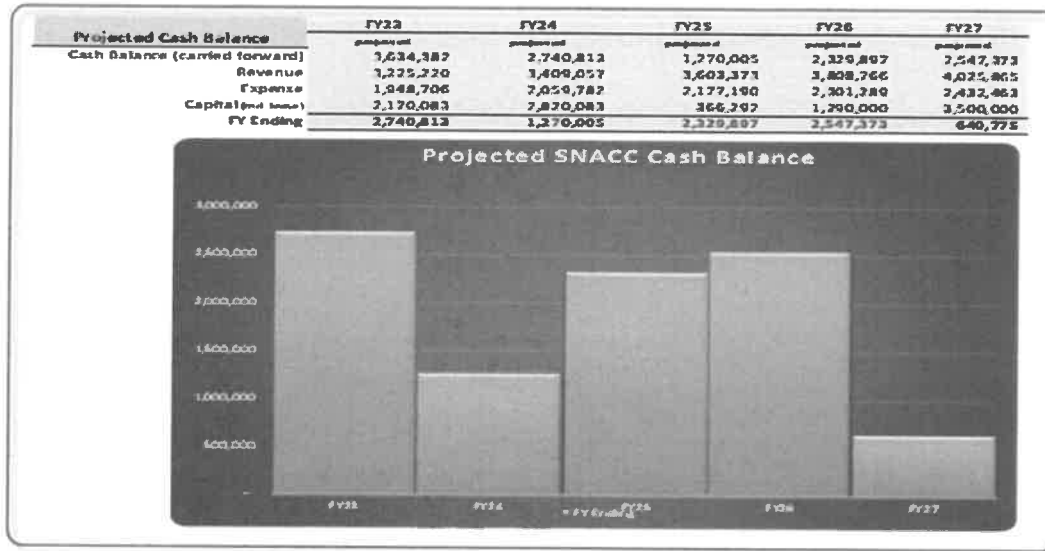
SNACC – FY23 PRELIMINARY BUDGET: FUTURE CAPITAL PROJECTS

5 YEAR CAPITAL PLAN	FY23	FY24	FY25	FY26	FY27
Device Management - licenses for 3,500 add'l radios	\$ 87,500	\$ 87,500			
Simulcast Redesign Project	\$ 1,500,000	\$ 2,000,000			
Device Management - licenses for 3,000 add'l radios		\$ 75,000	\$ 75,000		
Replace vehicle #15722		\$ 75,000			
Device Management - licenses for 10,000 radios				\$ 1,250,000	
Brooks Site Air Conditioners (2x4 Ton Units)				\$ 20,000	
TDMA Migration				\$ 20,000	\$ 3,500,000
	\$ 1,587,500	\$ 2,237,500	\$ 75,000	\$ 1,290,000	\$ 3,500,000

- Proposed Future Capital Projects ~
 - Device Management: This allows for firmware upgrades and is used in conjunction with OTAP. This also automatically tracks codeplug data for each radio on the system.
 - Simulcast Redesign Project – This allows SNACC to expand and align our current radio coverage in the Las Vegas Valley to keep pace with the current growth trend.

7

SNACC – FY23 PRELIMINARY BUDGET: CASH BALANCE



- SNACC fund projected cash balance ~
 - With the current capital plan, revenue is expected to increase slightly through fiscal year 2027 with exception in fiscal year 2024 and 2027.

8

SNACC – FY23 PRELIMINARY BUDGET: AGENCY BILLINGS

SNACC FY23 BILLABLE RADIO INVENTORY (Preliminary)					
Member	# Radio	FY 23 Fee	Member	# Radio	FY23 Fee
American Medical Response	141	41,939.00	Henderson Office of Health and Safety	10	3,186.25
Boulder City Fire	31	10,595.24	Henderson Police Department	906	10,378.24
Boulder City Merit	6	1,869.75	Henderson Utilities	54	36,827.74
Boulder City PD	104	32,408.97	Las Vegas Valley Water Department	272	172,036.86
Clark County School District Attendance Officers	29	9,037.32	SNAA	372	115,831.83
Clark County School District Police	371	1,15,612.78	Las Vegas Animal Control	33	30,283.62
Clark County Water Reclamation	152	47,366.96	Las Vegas Convention & Visitors Authority	3	623.25
Clark County Department of Aviation	908	211,002.49	Las Vegas Court Marshals	36	11,238.49
Clark County Boulder City Constable	5	1,528.32	Las Vegas Constable & Enforcement	210	65,441.20
Clark County Building & Fire Prevention	50	15,581.24	Las Vegas Fire Department	634	177,570.04
Clark County Casino	1	312.62	Las Vegas Merit	382	57,027.31
Clark County Family Services	83	4,052.32	Las Vegas Parking Enforcement	18	11,841.74
Clark County Fire Department	549	171,081.98	Las Vegas Water Pollution Facility (WQCF)	2	623.25
Clark County Constable - Henderson	5	1,528.32	Nevada West	92	28,608.48
Clark County - Henderson Justice Court Marshals	12	1,739.50	Nevada Air Assault	4	1,246.50
Clark County Justice	9	2,804.62	Nevada Air Nevada	25	7,700.00
Clark County Justice of the Peace	2	623.25	NSM Research International	1	312.62
Clark County Office of Emergency Management	15	4,674.37	Northern Valley Fire Department	1	312.62
Community Ambulance	133	41,446.09	North Las Vegas Fire Department	204	63,570.48
Coastal of Southern Nevada	1	312.62	North Las Vegas Police Department	922	230,429.81
Elite Medical Care	1	312.62	Nye County IT	365	54,417.30
Digitally Health - St. Rose Medical	5	1,528.32	Nye County TVF	395	21,700.00
Goodman Eye Medical Services	17	5,297.62	Optima Medicine	6	1,869.75
Healthcare America - S/E, AVANTAGE	1	312.62	Pahrump Valley Fire Department	32	9,971.99
Healthcare America - S/E, JACOBS	1	312.62	Pahrump Valley Fire Department TVF	24	1,440.00
Healthcare America - S/E, LAS VEGAS E	1	312.62	Police Tribal Police	34	10,595.08
Healthcare America - S/E, SAGE CANYON E	1	312.62	RFC	1029	105,661.86
Healthcare America - S/E, SUNSET E	2	623.25	Southern Nevada Health Clinics	75	23,171.86
Henderson Alternative Sentencing	9	2,804.62	Nevada Gaming Control Board	82	25,533.21
Henderson Assessor	1	312.62	United States Air Force - Nellis	1	934.87
Henderson Business Liaison	7	2,188.57	University Health Services - Blue Diamond	1	312.62
Henderson Code Enforcement	80	2,516.25	University Health Services - Green Valley	1	312.62
Henderson Fire	270	84,138.28	University Housing & Residence of UNLV	25	7,792.25
Henderson Jail	75	23,371.86	University Parking and Transportation Services	14	4,376.70
Henderson Marshals	36	11,302.34	University Police Services	207	64,506.34

- Agency billings for fiscal year 2023 ~
 - Fees shown above are based on current inventory as of the date of this report. These numbers are provided for budgeting purposes only and are subject to change as inventory numbers change.

9

End

10

- A motion was made; motion passed unanimously.

4. Approve the Elkhorn Interlocal Agreement between SNACC and Las Vegas Valley Water District. (FOR POSSIBLE ACTION):

- **Jason Manzo** – This agreement went from a Lease Agreement to a Interlocal Agreement, our District Attorney reviewed and found no issues.
- Motion was made to approve; motion passed unanimously.

5. Authorize the SNACC Administrator to replace a 2007 Dodge Ram. (FOR POSSIBLE ACTION):

- Motion was made to approve; motion passed unanimously.

6. Approve the Device Management Services quote and agreement for 3500 additional licenses for over the air programming. (FOR POSSIBLE ACTION):

- Motion was made to approve; motion passed unanimously.

7. Approve the amendment of the Resolution of the Administrator. (FOR POSSIBLE ACTION):

- **Jason Manzo** – The purpose of this amendment was to include NRS 332.112 to the Resolution of the Administrator just in case there is an emergency with a site or any equipment that cannot wait for a meeting to approve immediately.

- Motion was made to approve; motion passed unanimously.

**8. Approve the proposal for the Red Mountain tower study to see if the tower can hold another microwave.
(FOR POSSIBLE ACTION):**

- Motion was made to approve; motion passed unanimously.

COMMENTS BY THE GENERAL PUBLIC:

NEXT MEETING DATE/ADJOURN:

Next SNACC meeting is on December 6 or 7th of 2021, Daniela will verify.
Meeting adjourned at 2:10 p.m.

Respectfully submitted:

Scott Mazick, Chairman
Attachments

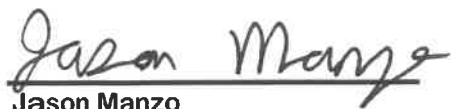
Southern Nevada Area Communications Council Agenda Item

Issue: Vote for the new Chairman and Vice Chairman for 2022.	Date: December 6, 2021
Petitioner: Jason Manzo, SNACC Administrator	Agenda Item: 2
Recommendation - FOR POSSIBLE ACTION: That the Board vote for the new Chairman and Vice Chairman for 2022 and/or take action as necessary.	

Fiscal Impact:
None

Background:
This is a yearly reoccurring item.

Respectfully Submitted:



Jason Manzo
SNACC Administrator

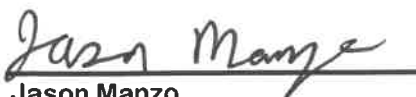
Southern Nevada Area Communications Council Agenda Item

Issue: Receive the Administrator's report with the inclusion of the SNACC monthly financial reports and budget variances for the month of September and October 2021 and system reports for the month of October and November 2021.	Date: December 6, 2021
Petitioner: Jason Manzo, SNACC Administrator	Agenda Item: 3
Recommendation - FOR DISCUSSION: That the Board receives the Administrator's report with the inclusion of the SNACC monthly financial reports and budget variances for the month of September and October 2021 and system reports for the month of October and November 2021.	

Fiscal Impact:
None

Background:
The Board gave the request to the SNACC Administrator on August 2015 to have the SNACC Budget presented in his monthly Administrator's Report. This was requested to inform the Board on the monthly SNACC expenses and to show what is currently available. This will be a reoccurring item.

Respectfully Submitted:



Jason Manzo
SNACC Administrator

SNACC ADMINISTRATOR'S REPORT

DECEMBER 6, 2021

SNACC UPDATES:

The Administrator has been having meetings with Motorola regarding the Simulcast re-design. Microwave is contingent with the Simulcast discussions.

We have installed a UPS at Potosi, Oatman, and at the Boulder City Water Tank sites.

BUDGET VARIANCES:

September 2021

1. **Overtime** – \$537.84 – 7.2% - CCSD PD, CCFD, LVVWD, and system configuration updates
2. **Site Rentals** - \$7,303.02 – 49.5% - State of NV Enterprises for APEX site rack space.
3. **Computers and Supplies** - \$2,748.10 – 61.1% - CDW – UPS for Boulder City Water Tank and the other at Potosi
4. **Electricity** - \$982.34 – 6.1% - Electricity for Boulder City and Brooks site
5. **Vehicle Maintenance** - \$2,996.82 – 15% - Vehicle and generator fuel
6. **Telecommunications** - \$803.80 – 8.1% - For phones, cell phones, and T1's
7. **Print Production** - \$320.78 – 16.6% - Konica Minolta August and September 2021.

October 2021

1. **Cleaning and Custodial** - \$450 – 16.5% - Cleaning services for the entire month and the office carpet was cleaned.
2. **Equipment Maintenance and Repair** - \$2,220.83 – 17.8% - this was the four invoices from Nationwide Power Solutions for the following sites: Elkhorn, Brooks, Mandalay Bay, and SNACC HQ
3. **Computers and Supplies** – \$1,489.58 – 33.1% – This was for CDW – purchased the UPS for Oatman.
4. **Vehicle Maintenance** - \$2,389.37 – 12% - Automotive invoice for the trucks and the generator fuel and maintenance.
5. **CC Agreement** - \$16,857.34 – 35.6% - 2nd Quarter Allocation Chargeback for fiscal year 2022

SYSTEM REPORTS:

October 2021

1. **Airtime** – 3001.3 (*Hours*)
2. **Push-To-Talks** – 2,183,149
3. **Busies** – 84 (*1.97 Minutes*)

November 2021

1. **Airtime** – 2754.6 (*Hours*)
2. **Push-To-Talks** – 2,005,553
3. **Busies** – 67 (*2.12 Minutes*)

These reports can be found on the SNACC Website: <http://SNACCOnline.com>

FUND 2520.000

Southern Nevada Area Communications Council

SNACC BUDGET REPORT: SEPTEMBER 2021

CATEGORY	BUDGET	ACTUALS YTD	SEPTEMBER	% REMAINING
Annual Radio Fees and Buy Ins Billed	2,744,265.00	(2,698,911.80)	(1,228.50)	
Cost Recovery Billed (Console SUA II and Maintenance)	404,570.00	(910.38)		
Interest	40,293.00	26,785.27	(7,968.01)	
TOTAL REVENUES	3,189,128.00	(2,673,036.91)	(9,196.51)	-
Salaries & Benefits	460,269.00	114,780.15	41,569.09	75.1%
Overtime	7,500.00	1,087.14	537.84	85.5%
Call Back	2,500.00			100.0%
Professional services	1,780.00			100.0%
Cleaning/Custodial	2,720.00	350.00		87.1%
Equipment maintenance and repair	12,500.00			100.0%
Console SUAll	230,568.00			100.0%
Console maintenance	174,002.00			100.0%
Infrastructure SUAll	298,881.00			100.0%
Infrastructure maintenance	495,526.00			100.0%
Site rentals	14,466.00	7,303.02	7,303.02	49.5%
Office space (Water Reclamation)	12,000.00	12,000.00		0.0%
Business liability insurance	23,000.00	26,858.41		-16.8%
Operating and cleaning supplies	705.00	50.27		92.9%
Office supplies	5,900.00	55.71	55.71	99.1%
Minor equip (tools, cables)	13,264.00	228.86		98.3%
Computers and supplies	4,500.00	2,748.10	2,748.10	38.9%
Electricity	16,000.00	2,950.91	982.34	81.6%
Capital lease interest	68,048.00			100.0%
Capital lease principal	514,533.00			100.0%
Travel/Training	10,000.00			100.0%
Vehicle Maint.	20,000.00	4,024.18	2,996.82	79.9%
Telecommunications	9,881.00	2,167.53	803.80	78.1%
Print/Reproduction	2,100.00	565.88	320.78	73.1%
CC Agreement, ERP, IT Support, etc.	47,391.00	4,888.00		89.7%
Capital Projects	2,102,500.00			100.0%
TOTAL EXPENSES	4,550,534.00	180,058.16	57,317.50	96.0%

Appropriated EFB	2,240,953.00			100.0%
------------------	--------------	--	--	--------

Beginning FY fund balance	2,421,044
Fund balance as of report date:	6,564,006
Estimated FY22 ending fund balance:	1,059,638

SNACC BUDGET REPORT: OCTOBER 2021

CATEGORY	BUDGET	ACTUALS YTD	OCTOBER ACTUALS	% REMAINING
Annual Radio Fees and Buy Ins Billed	2,744,265.00	(2,707,535.87)	(8,624.07)	
Cost Recovery Billed (Console SUA II and Maintenance)	404,570.00	(910.38)		
Interest	40,293.00	22,415.31	(4,369.96)	
TOTAL REVENUES	3,189,128.00	(2,686,030.94)	(12,994.03)	-
Salaries & Benefits	460,269.00	152,720.92	37,940.77	66.8%
Overtime	7,500.00	1,308.35	221.21	82.6%
Call Back	2,500.00	392.04	392.04	84.3%
Professional services	1,780.00			100.0%
Cleaning/Custodial	2,720.00	800.00	450.00	70.6%
Equipment maintenance and repair	12,500.00	2,220.83	2,220.83	82.2%
Console SUAll	230,568.00			100.0%
Console maintenance	174,002.00			100.0%
Infrastructure SUAll	298,881.00			100.0%
Infrastructure maintenance	495,526.00			100.0%
Site rentals	14,466.00	7,303.02		49.5%
Office space (Water Reclamation)	12,000.00	12,000.00		0.0%
Business liability insurance	23,000.00	26,858.41		-16.8%
Operating and cleaning supplies	705.00	50.27		92.9%
Office supplies	5,900.00	55.71		99.1%
Minor equip (tools, cables)	13,264.00	228.86		98.3%
Computers and supplies	4,500.00	4,237.68	1,489.58	5.8%
Electricity	16,000.00	3,680.33	729.42	77.0%
Capital lease interest	68,048.00			100.0%
Capital lease principal	514,533.00			100.0%
Travel/Training	10,000.00			100.0%
Vehicle Maint.	20,000.00	6,413.55	2,389.37	67.9%
Telecommunications	9,881.00	2,167.53		78.1%
Print/Reproduction	2,100.00	565.88		73.1%
CC Agreement, ERP, IT Support, etc.	47,391.00	21,745.34	16,857.34	54.1%
Capital Projects	2,102,500.00			100.0%
TOTAL EXPENSES	4,550,534.00	242,748.72	62,690.56	94.7%
Appropriated EFB	2,240,953.00			100.0%
Beginning FY fund balance	2,421,044			
Fund balance as of report date:	6,856,855			
Estimated FY22 ending fund balance:	1,059,638			

Southern Nevada Area Communications Council Agenda Item

Issue: Approve the Motorola Change Order 13, to include the Hoover Dam to the extended services contract.	Date: December 6, 2021
Petitioner: Jason Manzo, SNACC Administrator	Agenda Item: 4
Recommendation - FOR POSSIBLE ACTION: That the Board approve the Motorola Change Order 13, to include the Hoover Dam to the extended services contract and/or take action as necessary.	

Fiscal Impact:

There are two charges that will be broken down in the yearly payments as follows:

TOTAL CHANGE ORDER #13, MAINTENANCE

3/1/2022	3/1/2023	3/1/2024	3/1/2025	3/1/2026	
Year 8	Year 9	Year 10	Year 11	Year 12	
\$16,492.00	\$16,986.76	\$17,496.36	\$18,021.25	\$18,561.89	TOTAL: \$87,558.27

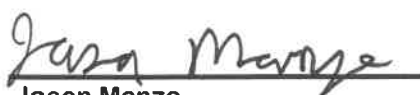
TOTAL CHANGE ORDER #13, SYSTEM UPGRADE ASSURANCE

12/1/2021	12/1/2022	12/1/2023	12/1/2024	12/1/2025	
Year 8	Year 9	Year 10	Year 11	Year 12	
\$8399.51	\$8,404.51	\$8,410.51	\$8,415.51	\$8,421.51	TOTAL: \$42,051.55

Background:

These are the contract extended services that SNACC signed with Motorola for the P25 Phase I project back in 2014. These are the extended services for the system. One is for maintenance to the site and the other is for upgrades to the site. The Hoover Dam project was completed at the end of 2020. The first year was covered under warranty.

Respectfully Submitted:



Jason Manzo
SNACC Administrator



Change Order No. 13

Date: 11/03/2021

Project Name: SNACC P-25 Migration Project – NV141108A

Customer Name: SNACC

Customer Project Mgr: Jason Manzo

The purpose of this Change Order is to: *(highlight the key reasons for this Change Order)*

This change order is for the SNACC Maintenance and SUA. The maintenance number is USC000020886 and the SUA number is USC000008642. This includes the updated SUA and Maintenance with Hoover Dam for Years 8-12.

Contract # B&Q #31428, Lease Purchase #23636

Contract Date: 12-11-2014

In accordance with the terms and conditions of the contract identified above between SNACC and Motorola Solutions, Inc., the following changes are approved:

Contract Price Adjustments

Original Contract Value:	\$18,735,778.92
Previous Change Order amounts for Change Order numbers <input type="text" value="0"/> through <input type="text" value="12"/>	\$1,898,851.59
This Change Order:	\$129,609.82
New Contract Value:	\$20,764,240.33

Completion Date Adjustments

Original Completion Date:	06/15/2016
Current Completion Date prior to this Change Order:	3/01/2026
New Completion Date:	03/01/2026



Changes in Equipment: *(additions, deletions or modifications)* Include attachments if needed

N/A

Changes in Services: *(additions, deletions or modifications)* Include attachments if needed

	3/1/2022	3/1/2023	3/1/2024	3/1/2025	3/1/2026	TOTAL
	Year 8	Year 9	Year 10	Year 11	Year 12	
TOTAL CHANGE ORDER #13, MAINTENANCE	\$16,492.00	\$16,986.76	\$17,496.36	\$18,021.25	\$18,561.89	\$87,558.27

	12/1/2021	12/1/2022	12/1/2023	12/1/2024	12/1/2025	TOTAL
	Year 8	Year 9	Year 10	Year 11	Year 12	
TOTAL CHANGE ORDER #13 SUA	\$ 8,399.51	\$ 8,404.51	\$ 8,410.51	\$ 8,415.51	\$ 8,421.51	\$42,051.55
TOTAL CHANGE ORDER #13, MAINTENANCE and SUA						\$129,609.82

See Attachment SNACC Exhibit A dated 11.03.2021

Schedule Changes: *(describe change or N/A)*

N/A

Pricing Changes: *(describe change or N/A)*

Reference Changes in Services section.

Customer Responsibilities: *(describe change or N/A)*

N/A

Payment Schedule for this Change Order:
(describe new payment terms applicable to this change order)

Reference Changes in the Services section and SNACC Exhibit A dated 11.03.2021



Unless amended above, all other terms and conditions of the Contract shall remain in full force. If there are any inconsistencies between the provisions of this Change Order and the provisions of the Contract, the provisions of this Change Order will prevail.

IN WITNESS WHEREOF the parties have executed this Change Order as of the last date signed below.

Motorola Solutions, Inc.

Customer

By: 

By: _____

Printed Name: Tim Strayer

Printed Name: _____

Title: Regional Services Manager

Title: _____

Date: 11/24/21

Date: _____

Reviewed by: Lauren Heise
Motorola Solutions Project Manager

Date: 11/3/2021

SNACC Exhibit A 11.03.2021

MAINTENANCE														
term start date	12/30/2014	3/1/2016	3/1/2017	3/1/2018	3/1/2019	3/1/2020	3/1/2021	3/1/2022	3/1/2023	3/1/2024	3/1/2025	3/1/2026	TOTAL	
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12		
Infrastructure														
INFRASTRUCTURE Current TOTAL			396,556.63	408,453.32	431,529.92	451,535.82	465,081.90	495,576.36	520,897.15	525,703.91	541,475.07	557,719.27	4,785,974.30	
Infra			396,556.63	408,453.32	420,706.92	433,328.13	446,327.98	459,717.82	473,509.35	487,714.63	502,346.07	517,416.45	4,546,077.30	
Panorama Site (CO#8)					12,823.00					14,432.40	14,865.37	15,311.33	114,026.43	
MW Incremental (CO #10)						5,000.00	5,150.00	5,304.50	5,463.64	5,627.54	5,796.37	5,970.26	38,312.31	
Hoover Dam Site (CO#13)								16,492.00	16,986.76	17,496.36	18,021.25	18,561.89	87,558.27	
Console														
CONSOLE Current TOTAL	75	-	88,094.00	93,308.82	141,414.58	169,861.02	178,858.85	184,224.62	189,751.36	195,445.90	201,307.21	207,346.43	1,643,410.80	
BCPD	3		7,718.02	7,949.56	8,188.05	8,433.69	8,686.70	8,947.30	9,215.72	9,492.19	9,776.96	10,070.27		
CCSD PD (incl CO#4)	10		13,868.32	14,284.37	14,712.90	15,154.29	15,608.92	16,077.18	16,559.50	17,056.28	17,567.97	18,095.01		
FAO	7		10,612.28	10,930.65	11,258.57	11,596.32	11,944.21	12,302.54	12,671.62	13,051.77	13,443.32	13,846.62		
HPD	18		18,330.31	18,880.22	19,446.63	20,030.02	20,630.93	21,249.85	21,887.35	22,543.97	23,220.29	23,916.90		
LVDET	7		10,612.28	10,930.65	11,258.57	11,596.32	11,944.21	12,302.54	12,671.62	13,051.77	13,443.32	13,846.62		
NLV PD	9		11,577.04	11,924.35	12,282.08	12,650.54	13,030.06	13,420.96	13,823.59	14,238.30	14,665.45	15,105.41		
RTC (incl CO#4)	15		15,375.75	15,837.02	16,312.13	16,801.50	17,305.51	17,824.71	18,358.45	18,907.23	19,471.54	20,061.87		
RTC (CO #5)	2			2,572.00	2,649.16	2,728.63	2,810.49	2,894.81	2,981.65	3,071.10	3,163.24	3,258.13		
LVDET (CO #8)	1				1,286.00	1,324.58	1,364.32	1,405.25	1,447.40	1,490.83	1,535.55	1,581.62		
NLV PD (CO #8)	2				2,572.00	2,649.16	2,728.63	2,810.49	2,894.81	2,981.65	3,071.10	3,163.24		
HPD NICE (CO #8)	1				41,448.50	42,691.96	43,972.71	45,291.90	46,650.65	48,050.17	49,491.68	50,976.43		
HPD AIS (CO#10)	1					1,786.90	1,374.58	1,364.32	1,405.25	1,447.40	1,490.83	1,535.55		
FAO (CO#10) 1 AIS	1						1,286.00	1,324.58	1,364.32	1,405.25	1,447.40	1,490.83		
FAO VCTA (CO #10)	3					3,858.00	3,973.74	4,092.95	4,215.74	4,342.21	4,472.48	4,606.65		
NYE County (CO #10)	10					12,860.00	13,245.80	13,643.17	14,052.47	14,474.04	14,908.26	15,355.51		
BCPD (CO #12)	1						1,286.00	1,324.58	1,364.32	1,405.25	1,447.40	1,490.83		
NLV PD (CO #12)	3						3,858.00	3,973.74	4,092.95	4,215.74	4,342.21	4,472.48		
UNLV (CO #12)	3						3,858.00	3,973.74	4,092.95	4,215.74	4,342.21	4,472.48		
97														
GRAND TOTAL MAINTENANCE			484,650.63	501,762.14	574,944.50	615,196.84	643,940.75	679,750.98	700,143.51	721,147.81	742,782.34	765,065.70	6,429,385.10	

	3/1/2022	3/1/2023	3/1/2024	3/1/2025	3/1/2026
	Year 8	Year 9	Year 10	Year 11	Year 12
TOTAL CHANGE ORDER #13, MAINTENANCE	16,492.00	16,986.76	17,496.36	18,021.25	18,561.89
					87,558.27

SYSTEM UPGRADE ASSURANCE														
term start date	12/1/2014	12/1/2015	12/1/2016	12/1/2017	12/1/2018	12/1/2019	12/1/2020	12/1/2021	12/1/2022	12/1/2023	12/1/2024	12/1/2025		
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12		
Infrastructure														

INFRASTRUCTURE Current TOTAL	283,741.95	283,741.95	283,741.95	283,741.95	290,465.41	290,465.41	290,465.41	298,864.91	298,869.92	298,875.92	298,880.92	298,886.92	3,500,742.63
Infra	283,741.95	283,741.95	283,741.95	283,741.95	283,741.95	283,741.95	283,741.95	283,741.95	283,741.95	283,741.95	283,741.95	283,741.95	3,404,903.40
Panorama Site (CO#8)					6,723.46	6,723.46	6,723.46	6,723.46	6,723.46	6,723.46	6,723.46	6,723.46	53,787.68
Hoover Dam Site (CO #13)								8,399.51	8,404.51	8,410.51	8,415.51	8,421.51	42,051.55

Consoles

CURRENT Contract_CONSOLE	156,560.25	156,560.25	156,560.25	161,958.87	210,772.65	210,772.65	230,567.59	230,567.59	230,567.59	230,567.59	230,567.59	230,567.59	2,436,590.46
BCPD	3	5,398.63	5,398.63	5,398.63	5,398.63	5,398.63	5,398.63	5,398.63	5,398.63	5,398.63	5,398.63	5,398.63	5,398.63
CCSD PD	10	17,995.42	17,995.42	17,995.42	17,995.42	17,995.42	17,995.42	17,995.42	17,995.42	17,995.42	17,995.42	17,995.42	17,995.42
FAO	7	\$12,596.80	\$12,596.80	\$12,596.80	\$12,596.80	\$12,596.80	\$12,596.80	\$12,596.80	\$12,596.80	\$12,596.80	\$12,596.80	\$12,596.80	\$12,596.80
HPD	18	\$32,391.78	\$32,391.78	\$32,391.78	\$32,391.78	\$32,391.78	\$32,391.78	\$32,391.78	\$32,391.78	\$32,391.78	\$32,391.78	\$32,391.78	\$32,391.78
LVDOT	8	12,596.80	12,596.80	12,596.80	14,396.34	14,396.34	14,396.34	14,396.34	14,396.34	14,396.34	14,396.34	14,396.34	14,396.34
NLV PD	9	\$16,195.89	\$16,195.89	\$16,195.89	\$16,195.89	\$16,195.89	\$16,195.89	\$16,195.89	\$16,195.89	\$16,195.89	\$16,195.89	\$16,195.89	\$16,195.89
RTC	17	26,993.15	26,993.15	26,993.15	30,592.23	30,592.23	30,592.23	30,592.23	30,592.23	30,592.23	30,592.23	30,592.23	30,592.23
NYE (CO #4)	6	10,797.26	10,797.26	10,797.26	10,797.26	10,797.26	10,797.26	10,797.26	10,797.26	10,797.26	10,797.26	10,797.26	10,797.26
NPS	12	21,594.52	21,594.52	21,594.52	21,594.52	21,594.52	21,594.52	21,594.52	21,594.52	21,594.52	21,594.52	21,594.52	21,594.52
NLV (CO#7)	2	\$3,599.08	\$3,599.08	\$3,599.08	\$3,599.08	\$3,599.08	\$3,599.08	\$3,599.08	\$3,599.08	\$3,599.08	\$3,599.08	\$3,599.08	\$3,599.08
FAO (CO#7)	3	\$5,398.62	\$5,398.62	\$5,398.62	\$5,398.62	\$5,398.62	\$5,398.62	\$5,398.62	\$5,398.62	\$5,398.62	\$5,398.62	\$5,398.62	\$5,398.62
FAO (AIS) (CO#7)	1	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54
HPD (CO#7)	1	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54
HPD NICE (CO#7)	1	\$36,217.00	\$36,217.00	\$36,217.00	\$36,217.00	\$36,217.00	\$36,217.00	\$36,217.00	\$36,217.00	\$36,217.00	\$36,217.00	\$36,217.00	\$36,217.00
BCPD (CO#12)	1	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54	\$1,799.54
NLV PD (1 AIS + 2 Consoles) (CO#12)	3	5,398.62	5,398.62	5,398.62	5,398.62	5,398.62	5,398.62	5,398.62	5,398.62	5,398.62	5,398.62	5,398.62	5,398.62
NYE (CO#12)	4	7,198.16	7,198.16	7,198.16	7,198.16	7,198.16	7,198.16	7,198.16	7,198.16	7,198.16	7,198.16	7,198.16	7,198.16
UNLV (1 AIS + 2 Consoles) (CO#12)	3	\$5,398.62	\$5,398.62	\$5,398.62	\$5,398.62	\$5,398.62	\$5,398.62	\$5,398.62	\$5,398.62	\$5,398.62	\$5,398.62	\$5,398.62	\$5,398.62
109													
GRAND TOTAL SUA	440,302.20	440,302.20	440,302.20	445,700.82	501,238.06	501,238.06	521,033.00	529,432.51	529,437.51	529,443.51	529,448.51	529,454.51	5,937,333.09

	12/1/2021	12/1/2022	12/1/2023	12/1/2024	12/1/2025
	Year 8	Year 9	Year 10	Year 11	Year 12
TOTAL CHANGE ORDER #13 SUA	8,399.51	8,404.51	8,410.51	8,415.51	8,421.51
					42,051.55

**Southern Nevada Area Communications Council
Agenda Item**

Issue: Authorize the SNACC Administrator to replace the air conditioning unit(s) at the Arden Peak site.	Date: December 6, 2021
Petitioner: Jason Manzo, SNACC Administrator	Agenda Item: 5
Recommendation - FOR POSSIBLE ACTION: That the Board authorize the SNACC Administrator to replace the air conditioning unit(s) at the Arden Peak site and/or take action as necessary.	

Fiscal Impact:
\$26,405.75

Background:
The airconditioning unit(s) at Arden Peak are about twenty years old. It is important to replace these unit(s) before they break down.

Respectfully Submitted:



Jason Manzo
SNACC Chairman



November 18, 2021

Jason Manzo
Clark County
Arden Peak Site
Henderson, NV 89052

Jason,

Data Processing Air Corporation is pleased to provide you with a quotation to replace the end of life equipment at the Arden Peak Facility.

Scope of work is as follows:

- Isolate Potential Energy
- Remove existing (2) AC units
- Remove existing Lead Lag Controller
- Install New Lead Lag Thermostat Controller
- Install new Bard Equipment specified in Submittal
- Test and Verify Equipment

Total investment (including applicable taxes)..... \$26,405.75



Data Centers • Commercial HVAC • Design Build

7531 Eastgate Road, Henderson, NV89011 702.798.4564 dpair.com

Phoenix . San Francisco . Los Angeles . Las Vegas . Sacramento . Tucson



If payment is to be made with a credit card there will be an added 5% charge to the total investment cost.

Price includes all necessary materials and labor to complete the project as outlined above. The project will be performed during regular business hours. DP Air Corporation will warranty labor for 90 days and materials will be covered under the manufacturer warranty. Please be advised that this quote expires thirty (30) days from the above noted date.

Thank you for your time and consideration. If you have any questions, please feel free to contact me. We look forward to working with you on this project.

Sincerely,

Accepted by: _____

Date: _____

Shannon Miller
Service Manager
Data Processing Air Corporation

This proposal includes confidential and/or proprietary information, and may be used only by the person or entity to which it is addressed. You are hereby notified that any dissemination, distribution or copying of this information is strictly prohibited.



Data Centers • Commercial HVAC • Design Build

7531 Eastgate Road, Henderson, NV89011 702.798.4564 dpair.com

Phoenix . San Francisco . Los Angeles . Las Vegas . Sacramento . Tucson



Submittal Data

Clark County Info. Arden Peak

Purchaser: DP Air
Shannon Miller

Date: November 11, 2021

Prepared By: Geary Pacific Supply
Christina Carreon





Project: Clark County Info. Arden Peak

Plan-ID	Qty	Model No	Description	Page
WM-01	2	W60AC-B09XP4XXJ	Wall-Mount™ Air Conditioner 208/230-3 ph	3
			Warranty Document for Wall-Mounts	8



AHRI Rated Cooling Performance

AHRI Certified Reference #	203363663	
AHRI Rated Cooling Capacity	57,000	Btuh
EER	11.00	
Rated Airflow	1750	cfm

Cooling Performance @ Project Parameters

Cooling Capacity	58,147	Btuh
Sensible Capacity	43,490	Btuh
Latent Capacity	14,657	Btuh
Efficiency (at AHRI)	11.00	EER
Outdoor DB Temp	95.0	°F
Entering DB Temp	80.0	°F
Entering WB Temp	67.0	°F
Leaving DB Temp	58.2	°F
Leaving WB Temp	57.2	°F

Electric Resistance Heat

Nominal Heat Size	9	kW
Electric Heat Voltage	208	Volts
Heat Output	23,038	Btuh
Heating Entering Air	70.0	°F
Heating Leaving Temp	81.5	°F

Supply Air Performance

Total Supply Air	1849	cfm
Blower Motor	3/4	hp
Medium Blower Speed Non-Ducted		
Filter Static Pressure	0.03	in wg.

Air flow is based on Wet Coil

Electrical Data

Power Supply	208/230	Volts
	3	Phase
	60	Hertz
Minimum Circuit Ampacity	34	Amps
Maximum External Fuse or Circuit Breaker	40	Amps
Field Power Wire Size	8	
Ground Wire	10	

Based on 75C copper wire, All wiring must conform to the National Electrical Code and all local codes

Caution: When more than one field power circuit is run through one conduit, the conductors must be derated. Pay special attention to note 8 of Table 310 regarding Ampacity Adjustment Factors when more than three (3) current carrying conductors are in a raceway.

NOTE: MOCP (Maximum Overcurrent Protection) value listed is the maximum value as per UL 1995 calculations for MOCP (branch-circuit conductor sizes shown are based on this MOCP). The actual factory installed Overcurrent Protective Device (Circuit Breaker) in this model may be lower than the maximum UL 1995 allowable MOCP value, but still above the UL 1995 minimum calculated value or Minimum Circuit Ampacity (MCA) listed.

Balanced Climate™ Mode Performance

Cooling Capacity	54,608	Btuh
Sensible Capacity	37,322	Btuh
Latent Capacity	18,198	Btuh
Latent Increase	14	%
Water removal per hour	17.17	lb/ hr
Outdoor DB Temp	95.0	°F
Entering DB Temp	80.0	°F
Entering WB Temp	67.0	°F

Approximate Installed Weight

Unit Weight	505	lb
Option Weight	13	lb
Total Weight	518	lb



Factory Options Selected

- B - 208/240 Volt 3 phase
- 09 - 9 KW w/Circuit Breaker Disconnect
- X - Barometric Fresh Air Damper
- P - 2-Inch Pleated Filter MERV 8
- 4 - Buckeye Gray
- X - Standard Coils
- J - Hi Pressure Switch, Low Pressure Switch, Compressor Control Module, Low Ambient Control, Alarm Relay



Standard Product Features

- **Non-Fiberglass Foil Faced Insulation:** Environmentally friendly high "R" value non-fiberglass insulation that is made with recycled denim and cotton materials used with a FSK foil face that is both durable and cleanable
- **Durable Cabinet Construction:** Multiple cabinet construction options are available for different outdoor conditions. Optional cabinet coatings may be ordered for extreme outdoor environments.
- **Green Fin Hydrophilic Evaporator Coil:** Green fin stock is used to help prevent mold growth, aid with condensate drainage, and provide a limited amount of protection to corrosive particulates in the airstream.
- **Reliable, Easy-to-Use Controls:** Easily accessible through front control panel locations. A lockable hinged access cover to circuit protection is provided. Phase rotation monitor is standard on all 3 phase models. Adjustable compressor on/off delay timer (CCM) with diagnostic lights is standard on all models.
- **ECM Indoor Motor Technology:** 5 speed dual shaft motor provides quiet airflow operation when used with a twin blower assembly. Motor overload protection standard on all models.
- **Electric Strip Heat:** Reliable, comfortable heater packages feature an automatic limit and thermal cut-off safety control.
- **Easy Filter Access:** A separate filter door is provided for ease of filter access during routine unit maintenance.
- **Enclosed Condenser Motor:** An enclosed casing condenser motor with ball bearings is used for reliable operation and extended motor life. Enclosed condenser motors are standard on all units.
- **Improved Condenser Coil Cleaning:** Removable fan shroud side panels allow for easy condenser coil intake surface cleaning.
- **High Efficiency Cooling:** Scroll compressors for quiet, efficient cooling. Designed with R-410A (HFC) non-ozone depleting refrigerant in compliance with the Montreal protocol and 2010 EPA requirements. A liquid line filter-drier to protect the system from moisture is standard on all units.
- **Cooling Operation:** The Bard WA Series WALL MOUNT products offer single stage cooling operation using R410A refrigerant. Copper tube/Aluminum hydrophilic green fin coils are used to provide high efficiency and easy serviceability. Scroll compressor technology delivers years of quiet, reliable operation.
- **Heating Operation:** The Bard WA Series WALL MOUNT products offer optional single or two stage heating operation using resistance heaters. Circuit breaker disconnect protection is standard in all units equipped with electric heat.
- **ECM Indoor Blower Motor:** Energy efficient indoor brush-less DC blower motors use EC constant torque technology with 4 selectable pre-programmed speeds. By selecting the needed speed, the WALL MOUNT product can reduce or increase airflow. A NEMA48® frame enclosure is used. A high speed tap can be selected to offer the maximum CFM possible with the blower assembly.
- **Outdoor Fan Motor:** Outdoor fan motors use ball bearing construction and are fully enclosed for increased life expectancy.

Balanced Climate™

- Patent pending
 - (Optional Configuration)
 - Increases humidity removal by up to 35%
 - Can improve efficiency by allowing occupant to set thermostat higher in cooling mode
 - Comes standard on all models
 - Remove the Y1/Y2 jumper and use a 2 stage thermostat to activate Balanced Climate™
-
- Complies with efficiency requirements of ANSI/ASHRAE/IESNA 90.1-2016.
 - Certified to ANSI/AHRI Standard 390-2003 for SPVU (Single Package Vertical Units)
 - Intertek ETL Listed to Standard for Safety Heating and Cooling Equipment ANSI/UL 1995/CSA 22.2 No. 236-05, Fourth Edition.



Sound Data

DUCT FREE	INDOOR COOLING OPERATION @ 5 FT.				INDOOR COOLING OPERATION @ 10 FT.				OUTDOOR @ 5 FT.
	Unit	STD Grilles	With WMSC5	With WMSC5 and WARP-11	WMSC5, WARP-11, WAPFB51	STD Grilles	With WMSC5	With WMSC5 and WARP-11	
W60AC	56.5	52	48.4	47.4	53.3	49.7	47.4	46.5	71.4

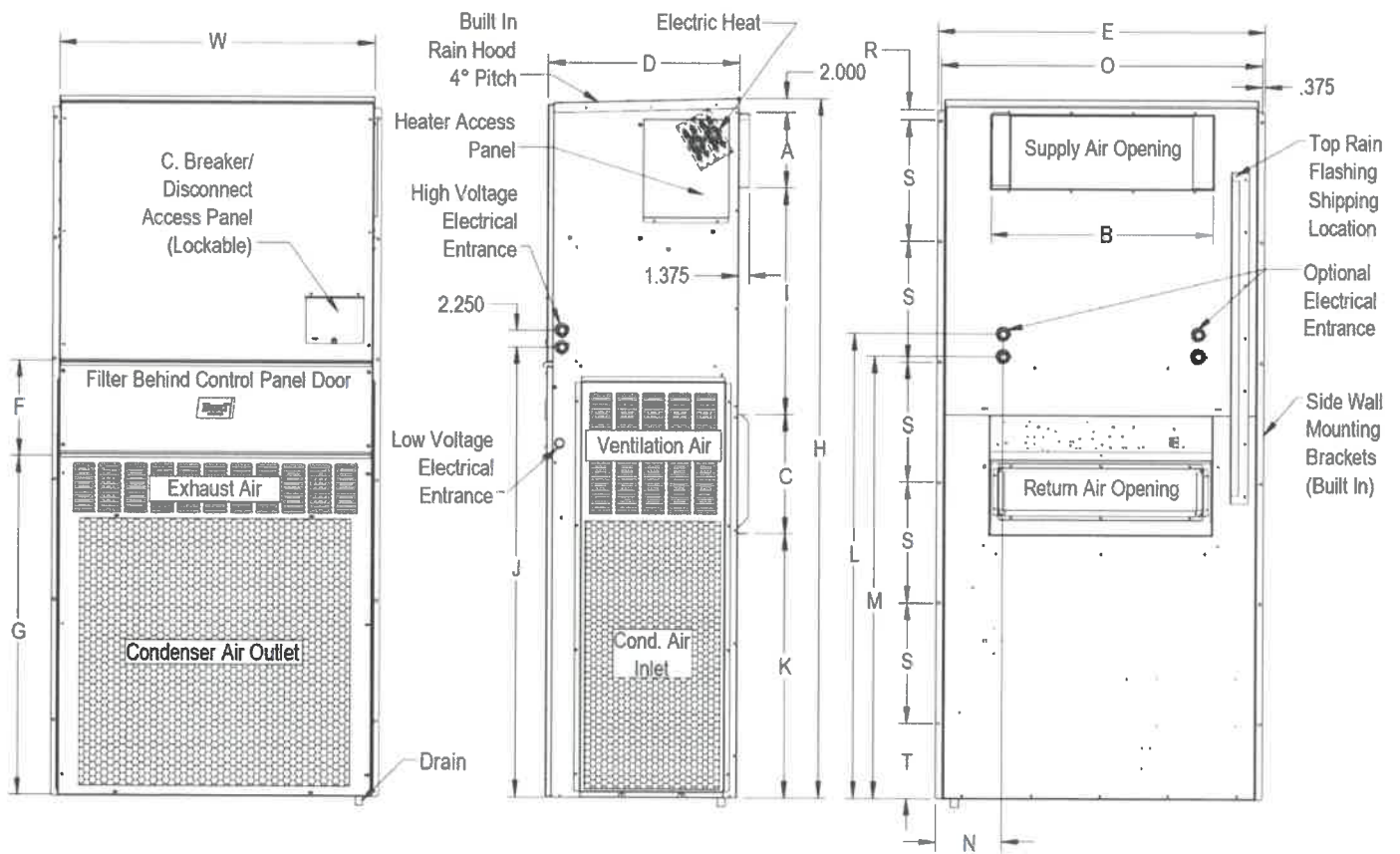
DUCT FREE	INDOOR COOLING OPERATION @ 5 FT.				INDOOR COOLING OPERATION @ 10 FT.				OUTDOOR @ 10 FT.
	Unit	STD Grilles	With WMSC5	With WMSC5 and WARP-11	WMSC5, WARP-11, WAPFB51	STD Grilles	With WMSC5	With WMSC5 and WARP-11	
W60AC	56	47.1	46.6	N/A	52.7	47.1	44.8	N/A	66.8

Integrated values calculated per ANSI/ASA S12.60-2009/Part 2, Section 5.2.2.1, Integrated Sound Values are also applicable for use in learning spaces for LEED schools; EQ Prerequisite 3 - Minimum Acoustical Performance, OPTION 1. Using methods prescribed in ANSI S12.60, classroom must achieve a maximum background noise level of 45 dBa. Results referenced were recorded in The Bard Manufacturing Company, Inc. Sound Lab Facility. Actual field application results may vary with the classroom design and construction methods.



Dimensions of Basic Unit for Architectural and Installation Requirements (Inches)

Width (W)	Depth (D)	Height (H)	Supply		Return		E	F	G
			A	B	C	B			
42	25.52	93	9.88	29.88	15.88	29.88	43.88	12.63	45
I	J	K	L	M	N	O	R	S	T
30	59.75	35.06	61.72	58.72	8.82	43	1.438	16	10





Limited Warranty

For units applied within the United States, Puerto Rico,
US Virgin Islands, Guam, Canada and Mexico

Limited Warranty To Original Purchaser:

Bard Manufacturing Company, Inc. Bryan, Ohio 43506 warrants to you, the original purchaser, that your Bard product will be free from defects in materials and workmanship when used under normal conditions from the installation date through the time periods outlined in the "Duration of Warranty" section (see reverse side).

Proof Of Purchase:

You must be able to show us the date on which you purchased your product when you make a claim under this warranty. Your owner's registration card filed online at www.wallmountwarranty.com or your contractor's invoice, bill of sale, or similar document is sufficient at time of warranty claim. If you can not show us the actual date of purchase, the time periods in this warranty will start on the date that we shipped your Bard product from our factory.

What This Warranty Does Not Cover: (Also see Duration of Warranty on reverse side.)

This warranty does not cover defects or damage caused by:

1. Alterations not approved by us; improper installation (including over or under sizing), improper repairs, or servicing; or improper parts and accessories not supplied by us.
2. Misuse or failure to follow installation and operating instructions (including failure to perform preventative maintenance) or limitations on the rating plate. This includes failure to use low ambient controls on all applications requiring compressor operation in cooling mode below 60F outdoor ambient.
3. Any corrosion from operation in a corrosive atmosphere (examples: acids, halogenated hydrocarbons or environmental conditions).
4. Parts that must be replaced periodically (such as filters, oil nozzles, mist eliminators, ERV belts, pile seals, etc.).
5. Improper fuel or electrical supply (such as low voltage, voltage transients, power interruption, and units on generators with no brownout protection).
6. Accidents or other events beyond our reasonable control (such as storm, fire, or transportation damage).
7. Defects that happen after
 - (a) Anyone has tampered with the product.
 - (b) The product has been improperly serviced according to accepted trade practices;
 - (c) The product has been moved from its original place of installation; or,
 - (d) The product has been damaged by an event beyond Bard's control (See also No. 5 above).
8. Consequential damages (such as increased living expenses while the product is being repaired). Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.
9. This warranty has certain limitations for units installed on over-the-road trucks, vans and trailers. (See reverse side.)
10. Cost of service call at installation site to diagnose causes of trouble, labor to replace defective component or transportation costs for replacement parts.
11. This Limited Warranty does not apply to products installed or operated outside of the US, Puerto Rico, US Virgin Islands, Guam, Canda and Mexico. Units operated in coastal areas where the operating environment is exposed to airborne saline particles (typically 5 miles from coast line) must have corrosion protection or warranty claims will be declined on corrosion-based cabinet and part failures.
12. Bard does not endorse, approve or certify any online sales of its products through auction websites, online retailers, liquidators or any other method of online sales direct to consumers. Bard will not honor the factory warranty of any Bard equipment purchased over the Internet.

Your Responsibilities:

You are responsible for -

1. Preventative maintenance of the product (such as cleaning and replacement of filters, nozzles and other consumable parts).
2. Insuring that the instruction manual is followed for care and use of your product.
3. Insuring that your product is installed by a competent, qualified contractor, following all local and national codes, and industry standards.

What We Will Do About A Defect:

We will either repair or replace the defective part only. Replacement parts may be reconditioned parts. The warranty for the repaired or replaced part will last only for the remainder of the warranty period for the original part. For Heat Exchangers that are no longer available, we will give you credit equal to the then current retail price of an equivalent Heat Exchanger.

Defective parts and a properly completed Bard parts warranty form must be returned to a Bard distributor for submitting to Bard to be eligible for a warranty credit or replacement. Credits are issued to the Bard distributor.

We will not pay or be responsible for labor or defective/replacement part transportation costs or delays in repairing or failures to complete repairs caused by events beyond our reasonable control.

What You Must Do

1. Tell your heating and air conditioning contractor as soon as you discover a problem and have the contractor make repairs.
2. Pay for all transportation, related service labor, diagnostic charges, refrigerant, refrigerant recovery and related items.

Service

If your product requires service, you should contact the contractor who installed it or the contractor that has been providing the product's preventative maintenance and repair service. You may find the installing contractor's name on the product or in your Owner's packet. If you do not know who that is, you should contact a competent, qualified contractor to make the repairs. If in doubt, you should contact the nearest distributor that handles Bard products (www.bardhvac.com). Please note that contractors and distributors that handle Bard products are independent contractors and distributors, and therefore, are not under the direction of Bard Manufacturing Company, Inc.

Only Warranty

This is the only warranty that we make. There are no other express warranties. All implied warranties are limited in duration to the duration of the applicable written warranty made above.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation or exclusion may not apply to you.

Other Rights

This warranty gives you specific legal rights and you may have other rights which vary from state to state.

BARD MANUFACTURING CO., INC. — BRYAN, OHIO 43506
Dependable quality equipment . . . since 1914

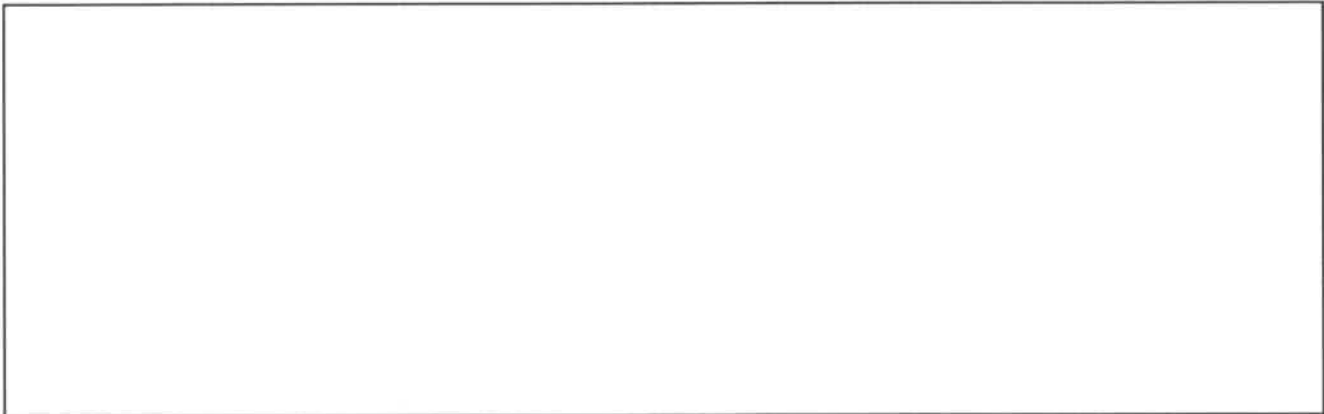
Form No. 7960-420
Issued. 12/04/19
Supersedes: 08/22/19



Duration Of Warranty is limited to defects arising during the periods shown in the following table:

Model Number Series: Includes all Models in each Series & which may have additional characters. (Example: W12-70A includes W36A w/additional characters.)	— Number of Years from Installation Date ① —			
	Compressor ②	Sealed System Components ②③⑦	All Other Functional Parts ③	Heat Exchangers
AIR CONDITIONERS W12A, W17A, W18A, W24A, W30A, W36A, W42A, W48A, W60A, W70A, W72A, W090A, W120A, W150, W180A, W17L, W18L, W24L, W30L, W36L, W42L, W48L, W60L, W70L, W72L, WA3S, WA4S, WA5S, WL3S, W4LS, WL5S, D25A, D28A, D35A, D36A, D42A, D48A, D60A, D25L, D28L, D35L, D36L, D42L, D48L, D60L, Q24A, Q30A, Q36A, Q42A, Q48A, Q60A, I30A, I36A, I42A, I60A	5	5	5	N/A
AIR SOURCE HEAT PUMPS W18H, W24H, W30H, W36H, W42H, W48H, W60H, C24H, C30H, C36H, C42H, C48H, C60H, T24H, T30H, T36H, T42H, T48H, T60H, T24S, T30S, T36S, T42S, T48S, T60S, Q24H, Q30H, Q36H, Q42H, Q43H, Q48H, Q60H, I30H, I36H, I42H, I48H, I60H, I36Z, I48Z, I60Z	5	5	5	N/A
ENVIRONMENTAL CONTROL UNITS W3RV, W4RV, W5RV, W6RV, W3LV, W4LV, W5LV, W6LV	5	5	1	N/A
EQUIPMENT SHELTER UNITS W**A2P, W**AAP, WR**, D**AAP, HR**, H12A, H72A	5	5	1	N/A
GEOHERMAL/WATER SOURCE HEAT PUMPS QW2S, QW3S, QW4S, QW5S	5	5	5	N/A
CHILLED WATER QC50 (No Compressor)	N/A	5	5	N/A
GAS/ELECTRIC WALL-MOUNT W24G, W30G, W36G, W42G, W48G, W60G, WG3S, WG4S, WG5S	5	5	5	10
OIL FURNACES ECM "V" Blower Models FC085, FH085, FH110, FLF075, FLF110, FLR075, FLR100, FLR130 PSC "D" Blower Models FC085, FH085D, FH110D, FLF085, FLF110, FLR085, FLR110, FLR140 SOF: SOF175, SOF265	N/A	N/A	10 ⑤	LIFETIME ⑥
	N/A	N/A	5	LIFETIME ⑥
	N/A	N/A	1	10
ACCESSORIES Factory/Field Installed Bard Ventilation and Heater Packages Bard branded Thermostats/Temperature Controllers LC1000, LC1500, LC2000, LC5000, LC6000, LV1000, MC4002, DC3003, TEC40, BG1000, PGD, PGDX Humidistats, CO ₂ Controllers and all other field installed accessories not listed separately	N/A	N/A	5	N/A
	N/A	N/A	5	N/A
	N/A	N/A	1	N/A
	N/A	N/A	1	N/A

- ① For equipment that does not have an online warranty registration, the warranty period starts when the product was shipped from the factory.
- ② Heat transfer coils (refrigerant to air coils for air source and coaxial coils for water source units) are covered for leaks for 5 years. Physical damage to air side coils resulting in leaks or insufficient airflow, or fin deterioration due to corrosive atmosphere (such as acids, halogenated hydrocarbons or coastal environmental conditions) are not covered. Leaks in coaxial coils due to freezing of the coils are not covered. Copper coaxial coils for QW are not warranted for ground water/open loop installations.
- ③ Functional parts warranty is 1-year for all telecommunication, electric switch stations, pump stations and similar applications. This also applies to all OTR (over the road) applications.
- ④ Limited lifetime warranty on Heat Exchangers applies to original purchaser in private, owner occupied residences. Subsequent owners and commercial uses are warranted for 20 years from date of installation.
- ⑤ All OTR (over the road) applications that are moved from one location to another:
Factory Warranty applies up to the point of initial start-up and test at all OEM manufacturing locations or subsequent outfitting facility. Once it goes into OTR service, the warranty expires immediately for compressor and sealed system components. This OTR exemption does not apply to relocatable classrooms, construction or office trailers.
- ⑥ Standard warranty for non-registered Oil Furnaces is 5-year parts. Must be registered at www.wallmountwarranty.com within 90 days of installation for the 10-year parts coverage to be in effect.
- ⑦ Factory coated coils have a "5" year warranty in corrosive environments that are listed as approved.



Internet Resources

Recognized as a leader in the HVAC industry, Bard combines quality products and outstanding service with innovation and technological advances to deliver high-performance heating and cooling products around the world. Please visit www.bardhvac.com for additional information regarding warranty and product information.