

The lead agencies and Subcommittee used the following scale to rate the actions: 1= high, 5= low. The electronic version of the plan contains the workbook with detail rating values for all actions.

Table J-1

	DEM – prioritized actions		
Action item #	Action item title	Estimated Cost to Accomplish Action	Priority Total
Action 1.C.1	Develop a document showing possible Federal and private funding sources for mitigation activities.	\$2.5 K	2.39
Action 1.B.1	Promote revision of approved mitigation plans with mitigation workshops for seven counties.	\$7 K	2.61
Action 1.B.2	Provide technical assistance to fund the revision of approved mitigation plans.	\$2 K	2.61
Action 1.C.2	Provide assistance for structural mitigation measures, updates, and repairs.		2.65
Action 1.A.1	Provide mitigation planning workshops to the eight counties without an approved mitigation plan.	\$5 K	2.78
Action 1.A.2	Provide technical assistance to fund and develop new mitigation plans.	\$8 K	2.78
Action 1.C.3	Encourage local ordinances and regulations to reduce encroachment into risk prone areas.	\$17 K	2.91
Action 1.A.3	Promote coordination with private and non-profit entities during the planning process.	\$1 K	3.17

Table J-2

	Disaster Resistant DEVELOPMENT		
Action item #	Action item title	Estimated Cost to Accomplish Action	Priority Total
Action 2.B.2	Develop statewide hazard maps with information on hazard areas, critical facilities, and infrastructures.	12 K	2.00
Action 2.B.3	Share hazard information with local jurisdictions, public and private organizations, and the general public.	5 K	2.57
Action 2.A.4	Encourage enforcement of existing hazard mitigation regulations at the State and local level.	7 K	2.61
Action 2.A.5	Promote new hazard mitigation regulations (building codes, flood plain management, etc.) at the State and local level.	12 K	2.91
Action 2.A.2	Review NRS 278.160 and other applicable State laws to provide a legal foundation for disaster-resistant development.	\$2 K	3.00
Action 2.B.1	Pursue funding for a statewide GIS database for mitigation planning functions through the University of Nevada-Reno.	15 K	3.00
Action 2.A.1	Sponsor an awareness campaign for elected officials about the importance of enforcing Master Plan and Land Use regulations to be consistent with hazard area maps.	\$17 K	3.30
Action 2.A.3	Recommend changes to appropriate entities concerning applicable State laws to promote disaster-resistant development.	10 K	3.96

Table J-3

Prepare, respond and RECOVER			
Action item #	Action item title	Estimated Cost to Accomplish Action	Priority Total
Action 3.A.2	Fund early warning systems for communities at high risk of the identified statewide hazards.	5 M	2.57
Action 3.B.1	Develop a children's pamphlet to raise awareness of community hazards, and emergency response and recovery.	\$10 K	2.87
Action 3.B.5	Develop and conduct classes in proper flood proofing techniques for homeowners, renters and local government officials in those areas with a history of flooding in residential and/or public facilities. Target audiences should also include local building inspectors, engineers, and architects.	10 K	3.00
Action 3.C.1	Coordinate and provide technical assistance in developing evacuation plans with the appropriate investment justification.	5K	3.04
Action 3.B.4	Notify owners of property located in FEMA identified flood hazard zones about the benefits of and requirements for purchasing and maintaining flood insurance.	10 K	3.13
Action 3.A.1	Support and fund emergency evacuation programs for communities in identified hazard-prone areas, including earthquake, dam failure, wildfire, and flood.	2 K	4.00
Action 3.B.3	Develop and disseminate public flood hazard information concerning local flood risks, flood hazard areas, NFIP insurance requirements and building standards, flood proofing methods, and flood safety. Projects can include producing PSAs, advertising on billboards, newspaper and magazine ads, and brochures made available at hardware and building supply stores.	36 K	4.00
Action 3.B.2	Develop a public information plan to provide PSA's about identified high-risk statewide hazards.	15 K	4.04
Action 3.D.1	Hold a statewide workshop on earthquake disaster recovery.	8K	4.04
Action 3.D.2	Develop State and Regional earthquake recovery plans that include details from local jurisdictions.	\$75 K	4.13

Table J-4

DAM FAILURE			
Action item #	Action item title	Estimated Cost to Accomplish Action	Priority Total
Action 4.A.2	Inventory existing dams as to structural and hydraulic adequacy and implement operational constraints, if warranted.	\$5M	0.96
Action 4.A.7 revolving fund	Provide assistance for structural mitigation measures, updates, and repairs to dams.	\$10M	0.96
Action 4.A.6 \$20K annually	Install early warning weather stations in watersheds with dams above populated areas.	\$5.5M	1.04
Action 4.A.4 annualized cost	Develop Emergency Action Plans to ensure swift coordinated response in the event of an emergency.	\$20K	1.35
Action 4.A.8	Encourage local ordinances and regulations to reduce encroachment into flood prone zones due to dam impoundment or high (non-failure) releases.	\$20K	1.52
Action 4.A.3 annualized cost	Develop laws and regulations that ensure a reasonable standard of design and work.	\$10K	1.57
Action 4.A.5 annualized cost	Provide inspection of dams to identify problem areas.	\$200K	1.57
Action 4.A.1 annualized cost	Inventory existing dams and add to the inventory as dams are discovered or constructed.	\$100K	1.65

Table J-5
Qualitative Assignment of Benefits/Costs for Earthquake Risk Mitigation Actions

Objective and Action	OA A1	OB A1	OC A1	OC A2	OD A1	OE A1	OC A3	OF A1	OC A4	OG A1
Social	H/L	H/M	H/L	H/L	H/L	H/L	H/M	H/L	M/M	H/M
Technical	H/M	H/M	H/M	M/L	H/M	M/M	H/M	H/M	H/M	M/H
Administrative	H/L	H/M	H/L	M/L	M/M	H/M	M/M	M/M	M/M	M/M
Political	H/L	H/L	M/L	H/L	M/L	H/L	M/L	M/H	L/L	M/M
Economic	H/L	H/M	H/L	H/L	H/L	H/M	M/L	H/H	M/M	H/H
Extraordinary Increasing Risk	L	H	L	L	L	L	L	M	L	M
Total	10	9	9	9	7	7	5	4	2	2

The values used for the earthquake assessment ran from 1 to 10. To standardize all the values, we used the following conversion method.

Values used by remaining agencies	Earthquake value
1	10-9
2	8-7
3	6-5
4	4-3
5	2-1

Table J-5A
Earthquake Final Prioritization

Goal	Objective	Action	Statewide or County Specific	Project Description	Hazard	Lead, Support Agency	Budget	Funding Source	BC Review	Negative	Negative	Rank
5	A	1 2	State Earthquake Risk Mitigation Program	Retrofit and Mitigate Shaking Hazards in Nevada Emergency Facilities	Earthquake	University of Nevada, Nevada Earthquake Safety Council	\$100 million	PDM, HMGP	+	L	L	H
5	B	1 2 3 4	State Earthquake Risk Mitigation Program	Create Special Planning Consideration Zones for Nevada Communities	Earthquake	University of Nevada, Nevada Earthquake Safety Council	\$3-4 million	NEHRP, USGS PDM, HMGP	+	L	L	H
5	C	1	State Earthquake Risk Mitigation Program	Create Nevada Earthquakes Internet Site	Earthquake	University of Nevada, Nevada Earthquake Safety Council	\$29 thousand	NEHRP, USGS PDM, HMGP	+	L	L	H

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5	C	2	State Earthquake Risk Mitigation Program	Insert "Living with Earthquakes in Nevada" into Nevada Newspapers	Earthquake	University of Nevada, Nevada Earthquake Safety Council	\$150 thousand	NEHRP, USGS PDM, HMGP	+	L	L	H
5	A	3	State Earthquake Risk Mitigation Program	Develop Detailed Earthquake Disaster Planning Scenarios	Earthquake	University of Nevada, Nevada Earthquake Safety Council	\$30 – \$150 thousand	NEHRP, USGS PDM, HMGP	+	L	L	H
3	D	1 2	State Earthquake Risk Mitigation Program	Successful Recovery from an Earthquake Disaster	Earthquake	University of Nevada, Nevada Earthquake Safety Council	\$25 - \$75 thousand	PDM, HMGP	+	L	L	H
5	C	3	State Earthquake Risk Mitigation Program	Teaching Nevada Teachers about Earthquake Safety in Workshops, Classes, and Teaching Curriculum	Earthquake	University of Nevada, Nevada Earthquake Safety Council	\$10 - \$30	PDM, HMGP	+	L	L	H
5	A	5 6	State Earthquake Risk Mitigation Program	Inventory and Retrofit of Seismically Dangerous Buildings	Earthquake	University of Nevada, Nevada Earthquake Safety Council	\$0.1s – \$10 million	PDM, HMGP	+	L	L	H
5	C	4 5 6	State Earthquake Risk	Develop Live and Internet-Based Workshops for Professionals and Citizens	Earthquake	University of Nevada, Nevada Earthquake Safety	\$25 - \$100 thousand	PDM, HMGP	+	L	L	H

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		7	Mitigation Program			Council						
5	D	1	State Earthquake Risk Mitigation Program	Microzonation of Earthquake Hazards in Nevada	Earthquake	University of Nevada, Nevada Earthquake Safety Council	\$2 - \$300 million	NEHRP, USGS PDM, HMGP	+	L	L	H

Table J-6

FLOOD

Action item #	Action item title	Estimated Cost to Accomplish Action	Priority Total
Action 6.B.3 annualized cost	Coordinate the FEMA flood mapping process with local communities.	\$100K	2.35
Action 6.C.1	Identify and prioritize piedmont and alluvial fan areas in the State where existing flood hazard mapping is inadequate due to planned and existing significant development.	\$500K	2.35
Action 6.D.1	Identify state-owned structures in 100-year flood zone that are noncompliant with NFIP building standards.	\$100K	2.35
Action 6.D.2 annualized cost	Implement a building improvement program to bring identified structures into compliance with NFIP building standards.	\$250K	2.39
Action 6.F.3	Coordinate with local officials to notify property owners about the risks of repetitive flood damage and the availability of FEMA mitigation funds for relocation or acquisition.	\$150K	2.39
Action 6.E.1 annualized cost	Coordinate with local officials to compile a list of flood damaged property that could be flood proofed to prevent or alleviate future damage.	\$100K	2.43
Action 6.F.1	Coordinate with local officials to identify homes that have sustained repetitive damage and remain in the FEMA identified flood hazard areas.	\$50K	2.43
Action 6.F.2	Coordinate with local officials to identify essential government facilities within FEMA identified flood hazard areas.	\$250K	2.43
Action 6.F.4	Conduct cost, benefit analyses to determine if relocations or acquisitions are cost effective options for FEMA, the owner, and the community when a property owner is ready to consider these options.	\$250K	2.43
Action 6.B.1	Identify and prioritize areas in the State where existing flood hazard mapping is inadequate due to planned and existing significant development.	\$5M	2.48
Action 6.B.4 annualized cost	Provide technical assistance in the FIRM conversion from paper to digital.	\$100K	2.48
Action 6.C.2	Produce detailed surficial geologic maps in piedmont and alluvial fan environments as a base-line for flood hazard assessment.	\$200K	2.48

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Prioritization of Actions

	FLOOD		
Action item #	Action item title	Estimated Cost to Accomplish Action	Priority Total
Action 6.C.3	Integrate geologic information with hydraulic and hydrologic studies to provide FEMA with the flood risk analyses required to update FIRM.	\$1M	2.48
Action 6.F.5	Relocate homes or facilities out of the flood plain or acquire property in the flood plain. Ensure open space deed-restrictions are imposed on acquired at-risk structures or facilities to avoid reconstruction.	\$100M	2.48
Action 6.E.2	Assist communities in obtaining mitigation funds to flood proof public facilities damaged in floods.	\$50K	2.65
Action 6.B.2	Prioritize the areas identified in the State where existing flood hazard mapping is inadequate due to planned and existing significant development	\$1M	3.22

Table J-7

	FIRE		
Action item #	Action item title	Estimated Cost to Accomplish Action	Priority Total
Action 7.B.4	Ensure proper personal protective equipment, apparatus, equipment and training for career staff and seasonal wildland firefighters	1.5M	1.52
Action 7.H.1	Focus fuels projects in communities with extreme or high ratings in CWPP assessments	1.5M	1.91
Action 7.D.1	focus fuels projects in communities with extreme or high ratings in Community Wildfire Protections Plan (CWPP) assessments	2.5M	1.91
Action 7.F.2	Use mechanical and hand treatments as well as prescribed fire to assist in attaining desire forest and rangeland conditions	750K	2.04
Action 7.D.4	Provide a statewide evaluation process for monitoring community progress, prioritization and participation in the CWPP process.	150K	2.09
Action 7.D.5	Provide and maintain a statewide process for documenting fuels projects progress, completion, success and maintenance	150K	2.13
Action 7.F.1	Restore native and adapted vegetation and work to prevent areas being impacted by non-native or undesirable species conversions through collaborative efforts	500K	2.17
Action 7.J.2	Provide technical assistance in the formation of end users of woody biomass to produce heat and/or power (i.e. Fuels in Schools program)	100K	2.30

Table J-8
Final Prioritization of High Ranked Action Items

Goal Objective Action	Project Description	Statewide or County Specific	Lead and Support Agency	Budget (\$)	Funding Source	Rank
4.A.2	<i>Inventory existing dams as to structural and hydraulic adequacy and implement operational constraints, if warranted.</i>	<i>State</i>	<i>Div of Water Resources</i>	<i>5M</i>	<i>Revolving Fund,</i>	<i>0.96</i>
4.A.7 revolving fund	<i>Provide assistance for structural mitigation measures, updates, and repairs to dams.</i>	<i>State</i>	<i>Div of Water Resources</i>	<i>10M</i>	<i>Revolving fund, HMGP, PDM, USDA, ACE</i>	<i>0.96</i>
5.A.1	<i>Mitigate shaking hazards in Nevada's Emergency Operation Centers, to ensure they are seismically resistant and operational following a strong earthquake.</i>	<i>State</i>	<i>NESC, DEM, NHMPC</i>	<i>100 M</i>	<i>EMPG, HMGP, PDM, DHS Terrorism funding</i>	<i>1.00</i>
5.A.2	<i>Mitigate shaking hazards in Nevada's Emergency Response Facilities (fire stations, police stations, hospitals, etc.) so that they are seismically resistant and operational following a strong earthquake.</i>	<i>State</i>	<i>NESC, DEM, NHMPC</i>	<i>150 K</i>	<i>NEHRP, NSF, HMGP, PDM, General Fund</i>	<i>1.00</i>
5.B.1	<i>Create a local advisory board to help guide projects, make the projects effective, and convince local jurisdictions to use the products.</i>	<i>State</i>	<i>NESC, DEM, NHMPC</i>	<i>10 K</i>	<i>NEHRP, NSF, HMGP, PDM, General Fund</i>	<i>1.00</i>
5.B.2	<i>Map faults and create zones in the Reno-Carson City Urban Corridor.</i>	<i>State Washoe Carson</i>	<i>NESC, DEM, NHMPC</i>	<i>1.3M</i>	<i>NEHRP, NSF, General Fund</i>	<i>1.00</i>

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5.B.3	Map faults and create zones in Rural Nevada Communities.	State	NESC, DEM, NHMPC	1.3M	NEHRP, NSF, General Fund	1.00
5.B.4	Review and upgrade zones in Las Vegas Valley.	Clark	NESC, DEM, NHMPC	1.3M	NEHRP, NSF, County funds	1.00
5.C.1	Create the Nevada earthquake internet site	State	NESC, DEM, NHMPC	29 K	NEHRP, NSF, HMGP, PDM, General Fund	1.00
5.C.2	Insert "Living With Earthquakes in Nevada" into several Nevada's local newspapers.	State	NESC, DEM, NHMPC	150 K	NEHRP, NSF, HMGP, PDM, General Fund	1.00
3.D.1	Hold a statewide workshop on earthquake disaster recovery.	State	NESC, DEM, NHMPC	75 K	NEHRP, NSF, HMGP, PDM, General Fund	1.00
3.D.2	Develop state and regional earthquake recovery plans that include details from local jurisdictions	State	NESC, DEM, NHMPC	75 K	NEHRP, NSF, HMGP, PDM, General Fund, EMPG, County Funds	1.00
5.A.3	Develop detailed earthquake disaster planning scenarios for Nevada communities.	State	NESC, DEM, NHMPC	30-150 K	NEHRP, NSF, HMGP, PDM, General Fund, EMPG, County Funds	1.00
5.C.3	Provide and teach the "Teacher's Earthquake Workshop."	State	NESC, DEM, NHMPC	30 K	NEHRP, NSF, HMGP, PDM, General Fund, EMPG, County school Funds	1.00
5.A.5	Inventory Nevada's seismically susceptible buildings.	State	NESC, DEM, NHMPC	25 K	NEHRP, NSF, HMGP, PDM, General Fund, EMPG, County Funds	1.00

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5.A.6	<i>Retrofit, change occupancy to decrease risk, or demolish susceptible public buildings and structures.</i>	State	NESC, DEM, NHMPC	10 M	NEHRP, NSF, HMGP, PDM, General Fund, EMPG, County Funds	1.00
5.A.4	<i>Hold workshop on strategies, benefits, risk-reduction opportunities, and challenges associated with the inventory of seismically susceptible buildings.</i>	State	NESC, DEM, NHMPC	10 K	NEHRP, NSF, HMGP, PDM, General Fund, EMPG, County Funds	1.00
5.C.4	<i>Sponsor Community Outreach events.</i>	State	NESC, DEM, NHMPC	25 K	NEHRP, NSF, HMGP, PDM, General Fund, EMPG, County Funds	1.00
5.C.5	<i>Develop a two day workshop and web based class on building with seismic resistance</i>	State	NESC, DEM, NHMPC	25 K	NEHRP, NSF, HMGP, PDM, General Fund, EMPG, County Funds	1.00
5.C.6	<i>Develop workshop on seismic retrofit methodologies (two-day workshop and web-based class).</i>	State	NESC, DEM, NHMPC	25 K	NEHRP, NSF, HMGP, PDM, General Fund, EMPG, County Funds	1.00
5.C.7	<i>Develop workshop on nonstructural hazard mitigation (two-day workshop and web-based class).</i>	State	NESC, DEM, NHMPC	25 K	NEHRP, NSF, HMGP, PDM, General Fund, EMPG, County Funds	1.00
4.A.6 20K annual ly	<i>Install early warning weather stations in watersheds with dams above populated areas.</i>	State	Div of Water Resources, DEM, NHMPC, NDF	5.5M	HMGP, USDA, ACE, DHS-AFG	1.04
4.A.4 annual ized cost	<i>Develop Emergency Plans to ensure swift coordinated response in the event of an emergency.</i>	State	Div of Water Resources, DEM	20K	EMPG, DHS-UASI, FEMA	1.35
4.A.8	<i>Encourage local ordinances and regulations to reduce encroachment into flood prone zones due to dam impoundment or high (non-failure) releases.</i>	State	Div of Water Resources, DEM, Nv Association of Counties	20K	HMGP, PDM, EMPG, General fund, state and local	1.52

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7.B.4	Ensure proper personal protective equipment, apparatus, equipment and training for career staff and seasonal wildland firefighters	State	NDF, DEM, NHMPC	1.5M	USDA, FEMA, USFS, BLM, General Fund (GF), state and local	1.52
4.A.3 annualized cost	Develop laws and regulations that ensure a reasonable standard of design and work.	State	Div of Water Resources, DEM	10K	HMGP, PDM, ACE, USDA, BLM, GF state and local	1.57
4.A.5 annualized cost	Provide inspection of dams to identify problem areas.	State	Div of Water Resources, DEM	200K	FEMA, ACE, BLM, USDA, GF state and local	1.57
4.A.1 annualized cost	Inventory existing dams and add to the inventory as dams are discovered or constructed.	State	Div of Water Resources, general improvement districts	100K	FEMA, ACE, BLM, USDA, GF state and local	1.65
7.H.1	Focus fuels projects in communities with extreme or high ratings in CWPP assessments	State	NDF, local fire departments, DEM	1.5M	HMGP, PDM, BLM, USDA, USFS, Private Insurance, GF state and local	1.91
7.D.1	focus fuels projects in communities with extreme or high ratings in Community Wildfire Protections Plan (CWPP) assessments	State	NDF,, local fire departments, DEM	2.5M	HMGP, PDM, BLM, USDA, USFS, Private Insurance, GF state and local	1.91
2.B.2	Develop statewide hazard maps with information on hazard areas, critical facilities, and infrastructures.	State	All Agencies, NHMPC	12 K	PDM, HMGP, USFS, USDA, USFS, BLM, NSF, DHS, Nevada Fire Safe Council	2.00
7.F.2	Use mechanical and hand treatments as well as prescribed fire to assist in attaining desire forest and rangeland conditions	State	NDF, State Parks, Nevada Division of Wildlife, Nevada Fire Safe Council	750K	PDM, HMGP, USFS, USDA, USFS, BLM, NSF, DHS, Nevada Fire Safe Council, GF state and local	2.04
7.D.4	Provide a statewide evaluation process for monitoring community progress, prioritization and participation in the CWPP process.	State	NDF, Nv Fire Safe Council, Coop. Extension, DEM	150K	PDM, HMGP, USFS, USDA, USFS, BLM, NSF, DHS, Nevada Fire Safe Council, GF state and local	2.09

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7.D.5	<i>Provide and maintain a statewide process for documenting fuels projects progress, completion, success and maintenance</i>	<i>State</i>	<i>NDF, Nevada Fire Safe Council, Cooperative Extension, DEM</i>	<i>150K</i>	<i>PDM, HMGP, USFS, USDA, USFS, BLM, NSF, DHS, Nevada Fire Safe Council, GF state and local</i>	<i>2.13</i>
7.F.1	<i>Restore native and adapted vegetation and work to prevent areas being impacted by non-native or undesirable species conversions through collaborative efforts</i>	<i>State</i>	<i>NDF, Nevada Fire Safe Council, Cooperative Extension, DEM</i>	<i>500K</i>	<i>PDM, HMGP, USFS, USDA, USFS, BLM, NSF, DHS, Nevada Fire Safe Council, GF state and local</i>	<i>2.17</i>
7.J.2	<i>Provide technical assistance in the formation of end users of woody biomass to produce heat and, or power (i.e. Fuels in Schools program)</i>	<i>State</i>	<i>NDF, Nevada Fire Safe Council, Cooperative Extension, DEM</i>	<i>100K</i>	<i>PDM, HMGP, USFS, USDA, USFS, BLM, NSF, DHS, Nevada Fire Safe Council, GF state and local</i>	<i>2.30</i>
6.B.3 annual ized cost	<i>Coordinate the FEMA flood mapping process with local communities.</i>	<i>State</i>	<i>Div of Water Resources, DEM</i>	<i>100K</i>	<i>FMA, EMPG, DHS, GF state and local</i>	<i>2.35</i>
6.C.1	<i>Identify and prioritize piedmont and alluvial fan areas in the State where existing flood hazard mapping is inadequate due to planned and existing significant development.</i>	<i>State</i>	<i>Div of Water Resources, DEM</i>	<i>500K</i>	<i>FMA, EMPG, GF state and local</i>	<i>2.35</i>
6.D.1	<i>Identify state-owned structures in 100-year flood zone that are noncompliant with NFIP building standards.</i>	<i>State</i>	<i>Div of Water Resources, Risk Management, DEM, SPWB, Buildings & Grounds</i>	<i>100K</i>	<i>FMA, EMPG, GF state and local</i>	<i>2.35</i>
1.C.1	<i>Develop a document showing possible Federal and private funding sources for mitigation activities.</i>	<i>State</i>	<i>DEM, NHMPC, - All agencies</i>	<i>2.5 K</i>	<i>FMA, EMPG, PDM, HMGP, GF local and state</i>	<i>2.39</i>
6.D.2 annual ized cost	<i>Implement a building improvement program to bring identified structures into compliance with NFIP building standards.</i>	<i>State</i>	<i>Div of Water Resources, NHMPC, DEM</i>	<i>250K</i>	<i>PDM, HMGP, EMPG, DHS, GF local and state, insurance companies, contractors</i>	<i>2.39</i>

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6.F.3	Coordinate with local officials to notify property owners about the risks of repetitive flood damage and the availability of FEMA mitigation funds for relocation or acquisition.	State	Div of Water Resources, NHMPC, DEM	150K	Insurance companies, contractors, PDM, HMGP, EMPG, FMA, SRL, RCA, Local community development agencies	2.39
6.E.1 annualized cost	Coordinate with local officials to compile a list of flood damaged property that could be flood proofed to prevent or alleviate future damage.	State	Div of Water Resources, NHMPC, DEM	100K	Insurance companies, contractors, PDM, HMGP, EMPG, FMA, SRL, RCA, Local community development agencies	2.43
6.F.1	Coordinate with local officials to identify homes that have sustained repetitive damage and remain in the FEMA identified flood hazard areas.	State	Div of Water Resources, NHMPC, DEM	50K	Insurance companies, contractors, PDM, HMGP, EMPG, FMA, SRL, RCA, Local community development agencies	2.43
6.F.2	Coordinate with local officials to identify essential government facilities within FEMA identified flood hazard areas.	State	Div of Water Resources, Risk Management, local officials, DEM	250K	Insurance companies, contractors, PDM, HMGP, EMPG, FMA, SRL, RCA, Local community development agencies	2.43
6.F.4	Conduct cost, benefit analyses to determine if relocations or acquisitions are cost effective options for FEMA, the owner, and the community when a property owner is ready to consider these options.	State	Div of Water Resources, DEM	250K	RCA, SRL, FMA, PDM, HMGP	2.43
6.B.1	Identify and prioritize areas in the State where existing flood hazard mapping is inadequate due to planned and existing significant development.	State	Div of Water Resources, DEM	5M	RCA, SRL, FMA, PDM, HMGP, Map Mod, GF local and state	2.48
6.B.4 annualized cost	Provide technical assistance in the FIRM conversion from paper to digital.	State	Div of Water Resources, local jurisdictions	100K	RCA, SRL, FMA, PDM, HMGP, Map Mod, GF local and state	2.48
6.C.2	Produce detailed surficial geologic maps in piedmont and alluvial fan environments as a base-line for flood hazard assessment.	State	Div of Water Resources, DEM, local jurisdictions	200K	FMA, PDM, HMGP, Map Mod, USGS, BLM, USDA, ACE, NDEP, GF state and local	2.48

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6.C.3	<i>Integrate geologic information with hydraulic and hydrologic studies to provide FEMA with the flood risk analyses required to update FIRM.</i>	<i>State</i>	<i>Div of Water Resources, DEM, Local jurisdictions</i>	<i>1M</i>	<i>FMA, PDM, HMGP, Map Mod, USGS, BLM, USDA, ACE, NDEP, GF state and local</i>	<i>2.48</i>
6.F.5	<i>Relocate homes or facilities out of the flood plain or acquire property in the flood plain. Ensure open space deed-restrictions are imposed on acquired at-risk structures or facilities to avoid reconstruction.</i>	<i>State</i>	<i>Div of Water Resources, DEM, local jurisdictions</i>	<i>100M</i>	<i>RCA, SRL, FMA, PDM, HMGP, GF local and state</i>	<i>2.48</i>
2.B.3	<i>Share hazard information with local jurisdictions, public and private organizations, and the general public.</i>	<i>State</i>	<i>All Agencies, NHMPC</i>	<i>5 K</i>	<i>RCA, SRL, FMA, PDM, HMGP, Map Mod, GF local and state, USDA, BLM, USFS, ACE, USGS, NSF, NHERP, USDOT, DHS, NOAA, USDHHS, EPA, USDOE</i>	<i>2.57</i>
3.A.2	<i>Fund early warning systems for communities at high risk of the identified statewide hazards.</i>	<i>State</i>	<i>NDF, DWR, DEM, local jurisdictions</i>	<i>5 M</i>	<i>HMGP, GF local and state, USDA, BLM, USFS, ACE, USGS, NSF, NHERP, USDOT, DHS, NOAA, USDHHS, EPA, USDOE</i>	<i>2.57</i>
1.B.1	<i>Promote revision of approved mitigation plans with mitigation workshops for seven counties.</i>	<i>State</i>	<i>DEM, NHMPC</i>	<i>7 K</i>	<i>PDM, HMGP</i>	<i>2.61</i>
1.B.2	<i>Provide technical assistance to fund the revision of approved mitigation plans.</i>	<i>State</i>	<i>DEM, NHMPC, all agencies, local jurisdictions</i>	<i>2 K</i>	<i>PDM, HMG, GF state and local</i>	<i>2.61</i>
2.A.4	<i>Encourage enforcement of existing hazard mitigation regulations at the State and local level.</i>	<i>State</i>	<i>All Agencies, NHMPC</i>	<i>7 K</i>	<i>PDM, HMG, GF state and local</i>	<i>2.61</i>
1.C.2	<i>Provide assistance for structural mitigation measures, updates, and repairs.</i>	<i>State</i>	<i>DEM, NDW, NDF, Risk Management NHMPC, GIDs</i>	<i>5 K</i>	<i>NEHRP, PDM, HMGP, FMA, Insurance providers, BLM, Nv. Fire Safe Council, GF state and local</i>	<i>2.65</i>

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6.E.2	Assist communities in obtaining mitigation funds to flood proof public facilities damaged in floods.	State	Div of Water Resources, DEM, Risk Management	50K	FMA, RCA, PDM, HMGP, Insurance providers, , GF state and local	2.65
1.A.1	Provide mitigation planning workshops to the eight counties without an approved mitigation plan.	State	DEM, NHMPC, Div. of Water Resources, NESC	5 K	PDM, HMGP, FMA,, GF state and local	2.78
1.A.2	Provide technical assistance to fund and develop new mitigation plans.	State	DEM, NHMPC, Div. of Water Resources, NESC	8 K	PDM, HMGP, FMA, EMPG, DHS,, GF state and local	2.78
3.B.1	Develop a children's pamphlet to raise awareness of community hazards, and emergency response and recovery.	State	DEM, NHMPC, Div. of Water Resources, NESC	10 K	PDM, HMGP, FMA, Insurance providers, EMPG, DHS,, GF state and local	2.87
1.C.3	Encourage local ordinances and regulations to reduce encroachment into risk prone areas.	State	DEM, NHMPC, NESC, NDF, NDEP, All agencies, NHMPC, SERC	17 K	PDM, HMGP, FMA, Insurance providers, USEPA, NEHRP, DHS, EMPG,, GF state and local, USDOT	2.91
2.A.5	Promote new hazard mitigation regulations (building codes, flood plain management, etc.) at the State and local level.	State	All Agencies, NHMPC, NESC, SERC	12 K	PDM, HMGP, FMA, Insurance providers, USEPA, NEHRP, DHS, EMPG,, GF state and local, USDOT	2.91
2.A.2	Review NRS 278.160 and other applicable State laws to provide a legal foundation for disaster-resistant development.	State	All Agencies, NHMPC, NESC, SERC	2 K	PDM, HMGP, FMA, Insurance providers, USEPA, NEHRP, DHS, EMPG, USDOT, GF State	3.00
2.B.1	Pursue funding for a statewide GIS database for mitigation planning functions through the University of Nevada-Reno.	State	DEM, NHMPC, NESC	15 K	PDM, HMGP, FMA , NEHRP, DHS, EMPG, NSF, GF State	3.00
3.B.5	Develop and conduct classes in proper flood proofing techniques for homeowners, renters and local government officials in those areas with a history of flooding in residential and, or public	State	Div. of Water Resource, DEM, NHMPC	10 K	PDM, HMGP, FMA, ,DHS, EMPG, GF state and local, NRCS	3.00

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	<i>facilities. Target audiences should also include local building inspectors, engineers, and architects.</i>					
3.C.1	<i>Coordinate and provide technical assistance in developing evacuation plans with the appropriate investment justification.</i>	<i>State</i>	<i>DEM, NDEP, Div of Water Resources, NDF, all agencies, NHMPC</i>	<i>5K</i>	<i>PDM, HMGP, FMA, ,DHS, EMPG, GF state and local</i>	<i>3.04</i>
3.B.4	<i>Notify owners of property located in FEMA identified flood hazard zones about the benefits of and requirements for purchasing and maintaining flood insurance.</i>	<i>State</i>	<i>Div of Water Resources, DEM, NDF</i>	<i>10 K</i>	<i>PDM, HMGP, FMA, ,EMPG, GF state and local</i>	<i>3.13</i>
1.A.3	<i>Promote coordination with private and non-profit entities during the mitigation planning process.</i>	<i>State</i>	<i>DEM, NHMPC, Div of Water Resources, NDF, SERC, all agencies</i>	<i>1 K</i>	<i>PDM, HMGP, FMA, ,DHS, EMPG, GF state and local, USDOT</i>	<i>3.17</i>
6.B.2	<i>Prioritize the areas identified in the State where existing flood hazard mapping is inadequate due to planned and existing significant development</i>	<i>State</i>	<i>Div of Water Resources</i>	<i>1M</i>	<i>PDM, HMGP, FMA, ,DHS, EMPG, GF state and local, NRCS, BLM, USFS, State Parks, USDA</i>	<i>3.22</i>
2.A.1	<i>Sponsor an awareness campaign for elected officials about the importance of enforcing Master Plan and Land Use regulations to be consistent with hazard area maps.</i>	<i>State</i>	<i>All Agencies, NHMPC, NESC, SERC, Nv. Fire Safe Council, Nv. Association of Counties</i>	<i>17 K</i>	<i>PDM, HMGP, FMA, ,DHS, EMPG, GF state and local, NRCS, BLM, USFS, State Parks, USDA,GF state and local</i>	<i>3.30</i>
2.A.3	<i>Recommend changes to appropriate entities concerning applicable State laws to promote disaster-resistant development.</i>	<i>State</i>	<i>All Agencies, NHMPC, NESC, SERC, Nv. Fire Safe Council, Nv. Association of Counties</i>	<i>10 K</i>	<i>PDM, HMGP, FMA, ,DHS, EMPG, GF state and local, NRCS, BLM, USFS, State Parks, USDA,GF state and local</i>	<i>3.96</i>

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3.A.1	<i>Support and fund emergency evacuation programs for communities in identified hazard-prone areas, including earthquake, dam failure, wildfire, and flood.</i>	<i>State</i>	<i>All Agencies, NHMPC, NESC, SERC, Nv. Fire Safe Council, Nv. Association of Counties</i>	<i>2 K</i>	<i>PDM, HMGP, FMA, Insurance providers, USEPA, NEHRP, DHS, EMPG,, GF state and local, USDOT, BLM, USFS</i>	<i>4.00</i>
3.B.3	<i>Develop and disseminate public flood hazard information concerning local flood risks, flood hazard areas, NFIP insurance requirements and building standards, flood proofing methods, and flood safety. Projects can include producing PSAs, advertising on billboards, newspaper and magazine ads, and brochures made available at hardware and building supply stores.</i>	<i>State</i>	<i>Div of Water Resources, DEM, NDF</i>	<i>36 K</i>	<i>PDM, HMGP, FMA, Insurance providers, USEPA, DHS, EMPG, GF state and local, NRCS</i>	<i>4.00</i>
3.B.2	<i>Develop a public information plan to provide PSA's about identified high-risk statewide hazards.</i>	<i>State</i>	<i>DEM, All agencies, NESC, NHMPC, SERC, Nv. Fire Safe Council, Nv. Association of Counties</i>	<i>15 K</i>	<i>PDM, HMGP, FMA, Insurance providers, USEPA, NEHRP, DHS, EMPG,, GF state and local, USDOT, BLM, USFS</i>	<i>4.04</i>
5.D.1	<i>Microzonation of earthquakes for Nevada Quantification of earthquake hazards by parcel for communities.</i>	<i>State</i>	<i>DEM, NESC , Nv. Association of Counties</i>	<i>300 M</i>	<i>PDM, HMGP, Insurance providers, NEHRP, DHS, EMPG,, GF state and local</i>	<i>5.00</i>