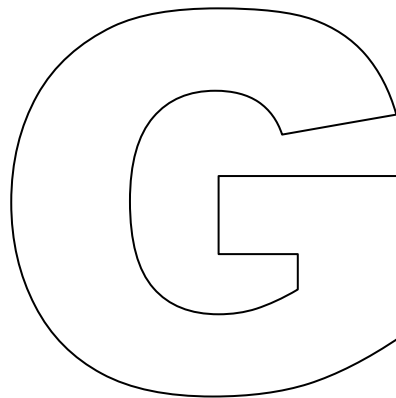




Colorado Department
of Public Health
and Environment

Emergency Medical and
Trauma Services Section



Fiscal Year

2012 Funding Guide

July 2011 – June 2012

Education Grants (CREATE)
Provider Grants
System Improvement Funds
Emergency Grants

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Overview

For fiscal year 2012, approximately \$6.7 million in funding is available for improving and expanding Colorado's emergency medical and trauma services system.

Funds are available to organizations that have the provision of EMS and trauma services as their primary purpose. This includes EMS agencies, facilities, clinics, fire agencies, training centers, community colleges and other public and private providers of emergency medical and trauma services in Colorado.

There are four types of funding, and an organization can apply for as many as needed.

1. EMS and trauma education grants are open year-round through the CREATE program, which provides funds for tuition, books, fees and appropriate travel. Apply through the Colorado Rural Health Center at www.coruralhealth.org/programs/create/index.htm. Allow 45 days for review and approval, prior to the class start date. A 50% match is required, and there is a financial waiver process for organizations that cannot meet the match. Reviews occur every two weeks, and awards are issued within 45 days.
2. EMS and trauma provider grant applications open on Dec. 15, 2010 and are due Feb. 15, 2011 by 5 p.m. Application categories include communications, data collection, equipment, injury prevention, personnel and services, recruitment and retention, vehicles and other. Apply at www.coems.info/grants. A 50% match is required, and there is a financial waiver process for organizations that cannot meet the match. Financial waiver applications will be reviewed on Feb. 23, 2011, and grant applications will be reviewed March through May. Public notice will occur by June 30 and awards will be issued following July 1, 2011.
3. System improvement funding requests open on Dec. 15, 2010 and are due Feb. 15, 2011 by 5 p.m. These requests are for projects that impact the state as a whole and can include conference support, meeting development, curricula development, consultative visit projects, data program development, system development, department-initiated/coordinated projects, and technical assistance to local governments or regions. Apply at www.coems.info/grants. There are no match requirements for system improvement funding. Applications will be reviewed in April 2011 by the Public Policy and Finance Committee of the State Emergency Medical and Trauma Services Advisory Council. Public notice will occur by June 30 and awards will be issued following July 1, 2011.
4. Emergency grants are open year-round, and providers experiencing an unexpected emergency that seriously degrades the provision of EMS can apply. Apply at www.coems.info/grants. There are no match requirements for emergency grants. Applications are reviewed by the Colorado Department of Public Health and Environment, and notice occurs within two weeks of review.

Not Eligible for Funding

These programs do not fund land acquisition, capital construction, fire apparatus, uniforms, disposables and infrastructure.

Local Cash Match

In cases where local cash match is required, funds used to provide the applicant's required cash match may not be state funds appropriated from the EMS/HUTF fund through other mechanisms supported by the Emergency Medical and Trauma Services Section. Monies used to provide the cash match must be documented as to their source and as compliant with this requirement. The value of existing infrastructure or other forms of "in-kind" services are not considered appropriate for EMTS grant match purposes.

In the event that the programs are undersubscribed, the Colorado Department of Public Health and Environment reserves the right to automatically lower the 50% match equally across the board in an effort to award available funds during the fiscal year.

Deadlines

Please adhere to all specified deadlines, as extensions will not be granted.

Ownership

The state retains partial ownership of all vehicles and equipment purchased through the grants program. If a grant-funded asset is to be transferred, the Colorado Department of Public Health and Environment must pre-approve the transfer or sale of grant-funded assets.

Contact information

Technical help line: (303) 692-2990

Jeanne-Marie Bakehouse: (303) 692-2987, jeanne.bakehouse@state.co.us

Rio Chowdhury: (303) 692-2991, rio.chowdhury@state.co.us

Sean Caffrey: (303) 692-2916, sean.caffrey@state.co.us

RETAC Coordinators/Executive Directors: www.coems.info/retac

Education Grants (CREATE)

Purpose

The Colorado Resource for EMS and Trauma Education (CREATE) program helps fund tuition, books, fees and appropriate travel for EMS and trauma-related education.

The CREATE program will not provide support for conferences in fiscal year 2012. Request funds for conference development/support through the System Improvement Program, described on [page 10](#) of this guide.

Match

A 50% local cash match is required. There is a financial waiver process for organizations that cannot meet the match.

How to apply

Applications are accepted year-round through the Colorado Rural Health Center at www.coruralhealth.org/programs/create.

Deadline

There is no specified deadline; however, applications should be submitted at least 45 days prior to the start date of the class.

Review

Applications are reviewed by the Expert Review Committee every two weeks.

Notification and Awards

Notification of awards occurs within 45 days of application. Awards are reimbursement-based.

Provider Grants

Purpose

The provider grants program awards funds to emergency medical and trauma service providers.

Match

A 50% local cash match is required. There is a financial waiver process for organizations that cannot meet the match.

How to apply

Provider grant applications are completed using the CEMISIS Web portal located at www.cemsis.com. You must have a username and password to enter the portal. If you applied for a grant last year or are submitting data to the MATRIX, you can use that username and password. If you need a new username and password, call (303) 692-2990.

Step 1: All organizations applying for a provider grant must complete a profile. The profile is located within the CEMISIS web portal and is a pre-requisite to accessing the grant application.

Step 2: Transport agencies must complete a declaration of participation in MATRIX. Participation in the statewide data collection program is mandatory for transport agencies.

Step 3: The W-9 and the Vendor Disclosure Statement are required forms. Print a hard copy of both and obtain original signatures on them. Be sure to mail these two forms in or, alternatively, scan and upload them electronically into the grant application – they are required attachments.

Step 4: The provider grants program requires a 50% local cash match, unless approved for financial waiver. If you are not applying for a financial waiver, continue to Step 6 – Grant Application. If you do not have the local 50% cash match available, apply for a financial waiver using Step 5.

Funds used to provide the applicant's required cash match may not be state funds appropriated from the EMS/HUTF fund through other mechanisms supported by the Emergency Medical and Trauma Services Section. Monies used to provide the cash match must be documented as to their source and as compliant with this requirement. The value of existing infrastructure or other forms of "in-kind" services are not considered appropriate for EMTS grant match purposes.

Step 5: Use Step 5 only if you are applying for a financial waiver of the required 50% local cash match. Read the instruction sheet and complete the financial waiver application. You are responsible for clearly demonstrating why you cannot meet the required match. Attendance at the waiver review in person or by telephone is highly recommended so that an organization representative is available to answer any questions the reviewers may have, but your narratives should be clear and concise. Any attachments you submit should be useful.

The review committee will evaluate applications and base decisions on the following:

1. Cash flow projections
2. Financial information
3. The justification of need listed in the narrative portion of the application

The evaluators have three evaluation criteria:

1. Does the waiver narrative justify the waiver of a 50% cash match?
2. Is the applicant's current financial status or explanation consistent with the application, and is the inability to provide the 50% cash match demonstrated?
3. Has the applicant provided information that indicates good faith effort has been put forth to obtain cash from other sources?

If your financial waiver request is not approved, your grant application will not continue through the review process. Please ensure that the financial waiver application is filled out completely with detailed narratives that explain your current financial situation and why you cannot make the required 50% local cash match as well as the steps you have already taken to try to meet the required match.

Step 6: The grant application will ask you to choose your categories. You may select any number of categories. The available categories are:

1. **Ambulance/other vehicle.** Use this category to request an ambulance or a rescue vehicle. This category has funding guidelines, which are listed at the end of this guide and within the online grant application. You can request a more expensive vehicle, but your organization will pick up any costs over and above the funding guidelines. An ambulance data recorder, the "black box," is required for all new ambulances purchased through the grant program. Costs for the black box are included in the funding guidelines.
2. **Communications.** Use this category to request radios, pagers and other communication system components. This category has specific guidelines, found at the end of this guide and in the online grant application. For technical help in this category, please contact Bill Voges at bill.voges@state.co.us.
3. **Data collection.** Use this category to request laptops, desktops, servers, hardware and software for use in the statewide data collection program. You can also use this category to request data linking projects. This category has specific guidelines, found at the end of this guide and in the online grant application. You can request more expensive data collection components, but your organization will pick up any costs over and above the funding guidelines.
4. **Equipment.** Use this category to request general EMS and trauma equipment, extrication equipment, defibrillators and cardiac monitors, training and education equipment, safety equipment and pediatric equipment. This grant program does not fund disposables or fire-related equipment. There are funding guidelines for this category, listed at the end of this guide and in the online grant application.
5. **Injury prevention.** Use this category to request injury prevention projects. Guidelines for this category are listed at the end of this guide and in the online grant application.
6. **Recruitment/retention.** Use this category to request a recruitment/retention project. Guidelines for this category are listed at the end of this guide and in the online grant application.
7. **Personnel and Services.** Use this category to request funds for personnel, salary and services. All grant funding ends June 30, so it is important to describe long-range sustainability in your narratives. Guidelines for this category are listed at the end of this guide and in the online grant application.
8. **Other.** Use this category if none of the specific categories fit your request. Guidelines for this category are listed at the end of this guide and in the online grant application.

Narratives are required in the provider grant application. Please take time to complete them, recognizing that spell check is not available in the online application. The financial narrative should be used to explain anything in your organization financials that will help the evaluators better understand your financial situation. Be sure to explain the source of your cash match in the narrative. If you filed for a financial waiver, use this narrative space to outline your choices for filing a waiver request, including explanations of extenuating circumstances that have rendered financial hardship or other reasons for requesting financial waiver.

Submitting your application: When you complete your grant application and click the SUBMIT button, we receive your profile, application and any PDF attachments you uploaded. There is no need to print a hard copy of your profile, grant application or any uploaded attachments.

However, the W-9, Vendor Disclosure Form and the Attestation do NOT transmit electronically. You need to print, sign and mail these documents or, alternatively, scan/upload them into your grant application as an attachment prior to clicking the submit button.

If you are mailing your signed forms and attachments, send them to:

Jeanne-Marie Bakehouse
Health Facilities and Emergency Medical Services Division
Colorado Department of Public Health and Environment
4300 Cherry Creek Drive South
Denver CO 80246-1530

Deadline

All provider grant applications must be submitted and received by 5 p.m. on Feb. 15, 2011.

If you electronically uploaded all your attachments and signed forms, then the electronic time stamp must be prior to 5 p.m. on Feb. 15, 2011.

Mailed attachments and signed forms must be received by the Colorado Department of Public Health and Environment prior to 5 p.m. on Feb. 15, 2011.

Review

Provider grant applications go through a review process at both the regional and state level. Regional hearings are conducted in each of Colorado's 11 Regional Emergency Medical and Trauma Advisory Councils (RETACs), and the state hearings are conducted by the State Emergency Medical and Trauma Services Advisory Council (SEMTAC). It is strongly recommended that a representative attend both review sessions so that any questions the reviewers may have can be answered.

The RETAC hearing counts toward 50% of the final score and the SEMTAC hearing counts toward the remaining 50% of the final score. (Grant applications that have a conflict at the RETAC level, such as a RETAC applying for funds, will be reviewed only at the SEMTAC level.)

RETAC hearings will be held in March and April, and SEMTAC hearings will be held in May. The schedules are posted at www.coems.info/grants.

Notification

Public notice of awards will occur prior to July 1, 2011 at www.coems.info/grants.

Awards

Awards will be issued following July 1, 2011. Funding will run until June 30, 2012. All projects must be completed by June 30, 2012. Awards of less than \$100,000 will receive a purchase order, and awards of more than \$100,000 will receive a contract. Purchase orders are generally issued in July, but the contracting process takes longer and contracts may not be issued until after July. Please plan accordingly, as no billable work can be done until a fully-executed purchase order or contract is in place. All awards are reimbursement-based, and payments are requested using the Payment Request Statement found at www.coems.info/grants. Please allow at least two weeks for payment processing.

System Improvement Funding

Purpose

Statewide EMTS system improvement funding is for the direct and indirect costs of planning, developing, implementing, maintaining and improving the statewide EMS and trauma system. Applicants will need to demonstrate their project is intended to maintain or improve the quality of emergency medical and trauma services on a regional or statewide basis.

Examples of these projects may be requests for technical assistance to local governments or regions, conference support, meeting development, curricula development, consultative visit projects, EMS and trauma data program development, system development, department-initiated projects, and other projects that have statewide impact.

System improvement funding is not intended to supplant funding available through the provider grants program. If you have a project that fits into a category in the provider grant program, please apply there. Examples of this may include regional equipment requests and personnel/ salary support requests.

Match

There are no match requirements for this program.

How to apply

System improvement funding request applications are available at www.coems.info/grants.

Step 1: All organizations applying for system improvement funding must complete a profile. The profile is located within the CEMSIS web portal at www.cemsis.com. You must have a username and password to enter the portal. If you applied for a grant last year or are submitting data to the MATRIX, you can use that username and password. If you need a new username and password, call (303) 692-2990.

Step 2: Transport agencies must be participating in the statewide data collection program to be eligible for system improvement funding. Participation will be confirmed prior to review.

Step 3: The W-9, Vendor Disclosure Statement and Attestation are required forms that must be completed. Print a hard copy of all three and obtain original signatures. Be sure to mail these forms or, alternatively, scan and attach them electronically into your application – they are required attachments.

Step 4: Complete the system improvement funding request form. Be sure to complete all questions, and adequately answer the questions so that reviewers understand your request. Include specifics such as budgets, project timelines, outcomes and evaluation in your narratives. Attachments of budgets, letters of support, etc. are recommended.

Step 5: Consolidate everything into one package and e-mail it to jeanne.bakehouse@state.co.us prior to 5 p.m. on Feb. 15, 2011.

If you prefer to mail your package, ensure that it will be received by 5 p.m. on Feb. 15 and send it to:

Jeanne-Marie Bakehouse
Health Facilities and Emergency Medical Services Division
Colorado Department of Public Health and Environment
4300 Cherry Creek Drive South
Denver CO 80246-1530

Deadline

All system improvement funding requests must be submitted and received by 5 p.m. on Feb. 15, 2011.

If you e-mailed your application, attachments and signed forms, then the e-mail must be time-stamped prior to 5 p.m. on Feb. 15, 2011.

If you mailed your application, attachments and signed forms, then the hard copy packet must be received by the Colorado Department of Public Health and Environment prior to 5 p.m. on Feb. 15, 2011.

Review

All system improvement funding requests will be evaluated by the State Emergency Medical and Trauma Services Advisory Council's Public Policy and Finance Committee at their April 2011 meeting. Attendance at the review is recommended in case evaluators have questions on your request.

Notification

Public notice of awards will occur prior to July 1, 2011 at www.coems.info/grants.

Awards

Awards will be issued following July 1, 2011. Funding will run until June 30, 2012. All projects must be completed by June 30, 2012. Awards of less than \$100,000 will receive a purchase order, and awards of more than \$100,000 will receive a contract. Purchase orders are generally issued in July, but the contracting process takes longer and contracts may not be issued until after July. Please plan accordingly, as no billable work can be done until a fully-executed purchase order or contract is in place. All awards are reimbursement-based, and payments are requested using the Payment Request Statement found at www.coems.info/grants. Please allow at least two weeks for payment processing.

Emergency Grants

Purpose

The emergency grant program assists Colorado's EMS and trauma providers who experience emergencies that seriously jeopardize the level of emergency medical and trauma services within their service area. In addition to meeting the standard eligibility requirement, the emergency fund applicant must be able to demonstrate that the request for funds is a true emergency and, if funds are not received, will degrade the quality of, or eliminate access to, local EMS and trauma care.

Match

There are no match requirements for this program.

How to apply

Emergency grant applications are located at www.coems.info/grants. Complete the form and e-mail it to jeanne.bakehouse@state.co.us, along with a signed W-9 and Vendor Disclosure Form.

Review

The Colorado Department of Public Health and Environment's Emergency Medical and Trauma Services Section reviews emergency grant applications as they are received.

Notification

Notification of outcome generally occurs within one week of receipt.

Awards

Awards are issued following approval. Awards of less than \$100,000 will receive a purchase order, and awards of more than \$100,000 will receive a contract. Purchase orders are generally issued within two weeks, but the contracting process takes longer. All awards are reimbursement-based, and payments are requested using the Payment Request Statement found at www.coems.info/grants. Please allow at least two weeks for payment processing.

Appendices

Provider Grant Category Guidelines

EMTS Provider Grants Program Guidelines for the “Ambulance/Other Vehicle” Category

The following vehicles are eligible for funding through this program.

- Ground ambulances as noted in the chart below
- Specialized vehicles, including watercraft, primarily used to transport patients to the nearest point accessible by a ground ambulance
- Vehicles primarily used to render EMS care before the arrival of an ambulance
- Other vehicles used primarily to support the provision of EMS

The following types of vehicles are ineligible for funding through this program.

- Aircraft
- Fire suppression vehicles
- Hazardous materials response vehicles
- Police vehicles
- Vehicles used primarily for supervisory or administrative purposes

This category has maximum funding amounts for ground ambulances and will pay no more than 50% of the following amounts (state percentage will change proportionately in cases of a waiver of match). All new ambulances purchased through the grants program must be equipped with an ambulance data recorder.

Maximum amounts the grants program will pay towards the base price of a vehicle and an ambulance data recorder (black box)

Ambulance	Vehicle base price	Black box hardware & install	Black box software (if needed)	Total	State share (50% match)
Type I - 2 wd	\$137,000	\$5,000	\$3,000	\$145,000	\$72,500
Type I - 4 wd	\$147,000	\$5,000	\$3,000	\$155,000	\$77,500
Type II - 2 wd	\$86,000	\$5,000	\$3,000	\$94,000	\$47,000
Type III - 2 wd	\$136,000	\$5,000	\$3,000	\$144,000	\$72,000
Rescue	\$56,800	---	---	\$56,800	\$28,400

All costs over and above these amounts must be paid by the grantee. In the event the actual cost of the vehicle is less than the “not to exceed” figure, list the actual cost in your grant application and attach the vendor cover letter showing that amount. The entire spec sheet for the vehicle is not a necessary attachment. (Please ensure that the vehicle vendor you select is appropriately licensed to do business in the state of Colorado.)

The vehicle base price shall be inclusive of all items attached to the vehicle. Attached items may include, but are not limited to: chassis, patient care module, lighting package, siren, running board, mud flaps, grill guards, paint and graphics and towing devices. The grant program encourages the use of appropriate retro-reflective vehicle graphics packages.

Requests for non-ambulance vehicles require appropriate justification. If requesting a non-ambulance vehicle, the narrative must sufficiently describe how the requested vehicle will be used within, or in direct support of, the local EMS system.

The ambulance prices include an additional allowance for vehicle data monitoring hardware and software. The grants program will pay up to \$5,000 for the hardware and up to \$3,000 for the software. Software will only be allowed if the agency has not previously purchased software associated with the monitoring system. Hardware costs may include data transmission equipment (cables, radio transmitters, wifi, etc.) Agencies may choose their preferred type of data transmission. Transmission via 900 mHz, wifi, or cellular are strongly encouraged. More information on ambulance data recorders specifically for ambulances can be obtained through your ambulance vendor.

All new ambulances purchased through the grants program must be equipped with an ambulance data recorder. You must attach a vendor cover letter with your grant application that indicates the ambulance data recorder is included. Minimum capability list for the ambulance data recorder system includes monitor and record vehicle operating parameters, audible feedback to the driver, database reporting, event reporting, second by second data and driver identification.

Radios, medical equipment, cots and mobile computers are not included in these funding amounts. If you are requesting these items, they must be requested in their appropriate category.

Additional safety features meeting the “attached” requirement noted above may be included in your vehicle application. All additional safety equipment is subject to the 50/50 match requirement. Safety features you may wish to add include:

1. Dual attendant control panels
2. Child safety restraint systems
3. Radio headsets
4. Forward or rear facing seats in the patient compartment
5. Mechanical lifting systems
6. Monitor/equipment brackets
7. Traffic signal preemption devices
8. Ergonomic storage capabilities
9. Padding and rounded edges on interior surfaces
10. Recessed or padded grab rails
11. Hydraulic oxygen bottle lift
12. Safety restraint netting
13. Back-up cameras

Other than the black box system, these items do not have maximum funding guidelines. Please include a reasonable, specific dollar amount in your grant application based on a vendor quote. The quote cover letter must be attached to your grant application. Use the narrative portion to describe how the features or items you have selected will increase safety for patients, personnel or other drivers.

If you wish to retrofit a vehicle monitoring system to existing vehicle(s) that equipment and/or software may be requested in the equipment category.

EMTS Provider Grants Program
Guidelines for the “Communication Equipment” Category

ALL radios purchased with State EMS Funds must meet the following criteria:

1. Any new non-800 MHz. radio systems must include the UHF Med system channels. UHF systems must use the State standard CTCSS codes of Tone A = 88.5 Hz., B = 94.8 Hz., C = 136.5 Hz., D = 141.3 Hz and E = 151.4 Hz.
2. Expansion of present systems will be evaluated on a case-by-case basis in the context of activity of local, regional and state migration towards the Digital Trunked Radio system.
3. Any new communications system in the 800 MHz. frequency band must meet the APCO Project 25 standards to ensure compatibility with the statewide Digital Trunked Radio system (DTR). All 800 MHz. radios purchased must be capable of both Project 25 trunking and analog transmissions in both the 800 MHz. and 700 MHz. bands.
4. No award will be made for radios that cost more than radios priced on state bid for the high tier model. If you purchase a radio not on state bid that costs more, you will have to pay all of the difference in the prices.
5. Any radios purchased must be narrow band capable and have the designated statewide disaster frequency installed as outlined below:

VHF - The designated VHF mutual assistance simplex frequency is 155.340 MHz. This frequency is required in all base stations, mobiles and portables. Mobiles and portables are also required to have the five narrowband interoperability and mutual aid channels. The National Public Safety Telecommunications Council (NPSTC) has developed a common channel naming protocol. New channel names are shown with the previous designation.

FREQUENCY	PREVIOUS NAME	NPSTC NAME
155.3400 MHz	HEAR	VMED 28
151.1375 MHz	VHF MAC 1	VTAC 11
154.4525 MHz	VHF MAC 2	VTAC 12
155.7525 MHz	VHF MAC 3	VCALL10
158.7375 MHz	VHF MAC 4	VTAC 13
159.4725 MHz	VHF MAC 5	VTAC 14

These channels are to be programmed simplex with 156.7 Hz encode, carrier squelch receive. 156.7 Hz may be used for receive decode if interference is present.

UHF - The UHF disaster frequency is 462.975 MHz. (Med 10) simplex, carrier squelch. This frequency is required in all base stations, mobiles and portables. Mobiles and portables are to have all the frequencies programmed into them from table 1 and the narrow band frequencies from table 2 below:

TABLE 1			TABLE 2		
DESIGNATION	FREQUENCY	OFFSET	DESIGNATION	FREQUENCY	OFFSET
MED 1	463.000 MHz	+5 MHz	MED 12	463.0125 MHz	+5 MHz
MED 2	463.025 MHz	+5 MHz	MED 22	463.0375 MHz	+5 MHz
MED 3	463.050 MHz	+5 MHz	MED 32	463.0625 MHz	+5 MHz
MED 4	463.075 MHz	+5 MHz	MED 42	463.0875 MHz	+5 MHz
MED 5	463.100 MHz	+5 MHz	MED 52	463.1125 MHz	+5 MHz
MED 6	463.125 MHz	+5 MHz	MED 62	463.1375 MHz	+5 MHz
MED 7	463.150 MHz	+5 MHz	MED 72	463.1625 MHz	+5 MHz
MED 8	463.175 MHz	+5 MHz	MED 82	463.1875 MHz	+5 MHz
MED 9	462.950 MHz	+5 MHz	-	-	-
MED 10	462.975 MHz	+5 MHz	-	-	-

UHF CTCSS TONES:	A = 88.5 Hz	B= 94.8 Hz	C = 136.5 Hz	D = 141.3 Hz	E = 151.4 Hz
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800 MHz. DTR – The following DTR talkgroups must be installed in every radio purchased with EMS funds.

REGIONAL EMERGENCY MEDICAL AND TRAUMA ADVISORY COUNCIL
RETAC MUTUAL AID TALK GROUPS

MILE HIGH RETAC	EMS MH	(FIXED STATIONS TO ONLY HAVE RETAC MUTUAL AID TALK GROUP FOR THE REGION IT IS LOCATED IN AND THE STATEWIDE TALK GROUPS)
NORTH EAST	EMS NE	
PLAINS TO PEAK	EMS PP	
SOUTH EAST	EMS SE	
SOUTHERN	EMS S	
CENTRAL MOUNTAIN	EMS CM	
FOOTHILLS	EMS FH	
NORTH WEST	EMS NW	
SAN LUIS VALLEY	EMS SLV	
SOUTH WEST	EMS SW	
WEST	EMS W	
STATEWIDE EMS	EMS MAC	
STATEWIDE ED	ER MAC	

International Tactical Channels

These analog channels are required to be programmed both in the repeat and direct modes. Direct mode indicated by "D" suffix, i.e. 8CALL90D has transmit and receive of 851.0125 MHz, CTCSS 156.7 Hz.

Note: These are the re-banded frequencies.

NPSTC NAME	PREVIOUS DESIGNATION	FREQUENCY	CTCSS	OFFSET	PURPOSE
8CALL90	ICALL	851.0125 MHz	156.7 Hz	-45 MHz	CALLING
8TAC91	ITAC-1	851.5125 MHz	156.7 Hz	-45 MHz	MUTUAL AID #1
8TAC92	ITAC-2	852.0125 MHz	156.7 Hz	-45 MHz	MUTUAL AID #2
8TAC93	ITAC-3	852.5125 MHz	156.7 Hz	-45 MHz	MUTUAL AID #3
8TAC94	ITAC-4	853.0125 MHz	156.7 Hz	-45 MHz	MUTUAL AID #4
STAC	STAC-5	853.7875 MHz	156.7 Hz	-45 MHz	PORTABLE/MOBILE

Statewide Simplex Channels. The five statewide simplex channels must use APCO 25 Common Air Interface digital signaling, be programmed for Network ID 293 and operate at an output power level of 3 watts or less. Note: These are the re-banded frequencies.

DESIGNATION	FREQUENCY
SMPX 1	851.1000 MHz
SMPX 2	851.7500 MHz
SMPX 3	852.3000 MHz
SMPX 4	852.5500 MHz
SMPX 5	853.6875 MHz

The required channels require at least 43 channels of programming in a radio. 48 channel models are not recommended. All 800 MHz. radios purchased must be capable of both P25 trunking and analog transmissions in both the 800 MHz. and 700 MHz. bands.

North Central All Hazards Region (Denver Metropolitan Area)

North Central Region Interoperability Channels. The following DTR talkgroups have been set aside specifically for use by agencies that are part of the North Central All Hazards Region. This region is comprised of Adams, Arapahoe, Boulder, Broomfield, Clear Creek, Denver, Douglas, Elbert, Gilpin, and Jefferson Counties. These talkgroups interconnect users from various systems (i.e. VHF, UHF, 800 MHz, etc.) for interoperability. The use of these talkgroups are governed by the CCNC Standard Operating Procedures.

NORTH CENTRAL ALL HAZARDS REGION REGIONAL INTEROPERABILITY CHANNELS			
GOLD 1	GOLD 2	-	-
RED NW	RED NE	RED SW	RED SE
BLUE NW	BLUE NE	BLUE SW	BLUE SE
GREEN 1	GREEN 2	GRAY	-

Southwest All Hazards Region

Southwest All Hazards Region Interoperability Channels. The following DTR talkgroups have been set aside specifically for use by agencies that are part of the Southwest All Hazards Region. This region is comprised of Archuleta, Dolores, La Plata, Montezuma, San Juan Counties and the Southern Ute and Ute Mountain Reservations.

SOUTH WEST ALL HAZARDS REGION REGIONAL INTEROPERABILITY CHANNELS			
SW RIC A	SW RIC B	SW RIC C	SW RIC D

HEALTH FACILITY WITH AN ASSIGNED DTR TALK GROUP

ANIMAS SURGICAL HOSPITAL	*	MEDICAL CENTER OF AURORA, THE	*
ANSHUTZ INPATIENT PAVILION (UCHSC), AURORA	*	MEDICAL CENTER OF THE ROCKIES	*
ARKANSAS VALLEY REGIONAL MEDICAL CENTER	*	MELISSA MEMORIAL HOSPITAL	*
ASPEN VALLEY HOSPITAL	*	MEMORIAL HEALTH SYSTEM	*
BIRTH PLACE @ CENTURA HEALTH SUMMIT	*	MEMORIAL HOSPITAL, THE (CRAIG)	*
BOULDER COMMUNITY HOSPITAL	*	MERCY MEDICAL CENTER	*
BOULDER COMMUNITY/FOOTHILLS HOSPITAL	*	MONTROSE MEMORIAL HOSPITAL	*
BRECKENRIDGE MEDICAL CENTER	*	MOUNT SAN RAFAEL HOSPITAL	*
CEDAR SPRINGS BEHAVIORAL HEALTH SYSTEM	*	NATIONAL JEWISH MEDICAL & RESEARCH CENTER	*
CENTENNIAL MEDICAL PLAZA	*	NORTH COLORADO MEDICAL CENTER, INC	*
CENTENNIAL PEAKS HOSPITAL	*	NORTH SUBURBAN MEDICAL CENTER	*
CENTURA HEALTH - AVISTA ADVENTIST HOSPITAL	*	NORTH VALLEY REHABILITATION HOSPITAL - REHAB	*
CENTURA HEALTH - LITTLETON ADVENTIST HOSPITAL	*	NORTH VALLEY REHABILITATION HOSPITAL - PSYCH	*
CENTURA HEALTH - PENROSE ST. FRANCIS HOSPITAL	*	ORTHO-COLORADO HOSPITAL @ ST. ANTHONY CENTRAL	*
CENTURA HEALTH - PORTER ADVENTIST HOSPITAL	*	PAGOSA MOUNTAIN HOSPITAL (UPPER SAN JUAN HSD)	*
CENTURA HEALTH - ST. ANTHONY CENTRAL HOSPITAL	*	PARKVIEW MEDICAL CENTER, THE	*
CENTURA HEALTH - ST. ANTHONY NORTH HOSPITAL	*	PIKES PEAK REGIONAL HOSPITAL	*
CENTURA HEALTH - ST. MARY CORWIN MEDICAL CENTER	*	PIONEERS HOSPITAL OF RIO BLANCO COUNTY	*
CENTURA HEALTH - ST. THOMAS MORE HOSPITAL	*	PLATTE VALLEY MEDICAL CENTER	*
CENTURA PARKER	*	POUDRE VALLEY HOSPITAL	*
CHILDREN'S HOSPITAL ASSOCIATION, THE	*	PRESBYTERIAN / ST. LUKE'S MEDICAL CENTER	*
COLORADO MENTAL HEALTH INSTITUTE @ FT. LOGAN	*	PROWERS MEDICAL CENTER	*
COLORADO MENTAL HEALTH INSTITUTE @ PUEBLO	*	RANGELY DISTRICT HOSPITAL	*
COLORADO MENTAL HEALTH INSTITUTE @ PUEBLO FORENSIC	*	RIO GRANDE HOSPITAL	*
COLORADO PLAINS MEDICAL CENTER	*	ROSE MEDICAL CENTER	*
COMMUNITY HOSPITAL	*	SAN LUIS VALLEY REGIONAL MEDICAL CENTER	*
CONEJOS COUNTY HOSPITAL ASSOCIATION	*	SEDGWICK COUNTY MEMORIAL HOSPITAL	*
CRAIG HOSPITAL	*	SELECT SPECIALTY HOSPITAL - DENVER	*
DELTA COUNTY MEMORIAL HOSPITAL	*	SELECT SPECIALTY HOSPITAL - DENVER - SOUTH CAMPUS	*
DENVER HEALTH EAST GRAND COUNTY	*	SEMPERCARE HOSPITAL OF COLORADO SPRINGS	*
DENVER HEALTH MEDICAL CENTER	*	SKY RIDGE MEDICAL CENTER	*
DEVEREUX CLEO WALLACE	*	SOUTHEAST COLORADO HOSPITAL	*
EAST MORGAN COUNTY HOSPITAL	*	SOUTHWEST HEALTH SYSTEM, INC.	*
ESTES PARK MEDICAL CENTER	*	SPALDING REHAB HOSPITAL AT PRES/ST. LUKE'S MED. CNTR	*
EXEMPLA INC/ ST. JOSEPH HOSPITAL	*	SPALDING REHABILITATION HOSPITAL AT ROSE MED. CNTR	*
EXEMPLA GOOD SAMARITAN	*	SPALDING REHABILITATION HOSPITAL	*
EXEMPLA LUTHERAN MEDICAL CENTER	*	SPANISH PEAKS REGIONAL HEALTH CENTER	*
FAMILY HEALTH WEST HOSPITAL - CAH	*	ST. MARY'S HOSPITAL AND MEDICAL CENTER	*
GRANBY MEDICAL CENTER	*	ST. VINCENT GENERAL HOSPITAL DISTRICT	*
GRAND RIVER MEDICAL CENTER	*	STERLING REGIONAL MEDICAL CENTER	*
GUNNISON VALLEY HOSPITAL	*	SUMMIT MEDICAL CENTER	*
HAXTUN HOSPITAL DISTRICT	*	SWEDISH MEDICAL CENTER	*
HEALTHSOUTH REHABILITATION HOSPITAL OF COLO SPRINGS	*	SWEDISH MEDICAL CENTER, SW	*
HEART OF THE ROCKIES MEDICAL CENTER	*	TRIUMPH HOSPITAL (WAS SCCI HOSPITAL) - AURORA	*
KEEFE MEMORIAL HOSPITAL	*	UNIVERSITY OF COLORADO HOSPITAL AUTHORITY	*
KINDRED HOSPITAL - DENVER	*	VA - DENVER	*
KIT CARSON COUNTY MEMORIAL HOSPITAL	*	VA - GRAND JUNCTION	*
KREMMLING MEMORIAL HOSPITAL DISTRICT	*	VAIL VALLEY MEDICAL CENTER	*
LAKE CITY AREA MEDICAL CENTER, MED1	*	VALLEY VIEW HOSPITAL ASSOCIATION	*
LIFECARE HOSPITALS OF DENVER	*	WEISBROD MEMORIAL COUNTY HOSPITAL	*
LINCOLN COMMUNITY HOSPITAL	*	WRAY COMMUNITY DISTRICT HOSPITAL	*
LONGMONT UNITED HOSPITAL	*	YAMPA VALLEY MEDICAL CENTER	*
MCKEE MEDICAL CENTER	*	YUMA DISTRICT HOSPITAL	*
	*		*
		QTY 106 as of DECEMBER 14, 2010	

EMTS Provider Grants Program
Criteria for the “Data Collection” Category

Use this category to request hardware and software for collection of patient care information to meet state requirements. If you are requesting a computer and projector for use in training, please use the equipment category.

The grant program will pay no more than 50% of the listed amounts (state percentage will change proportionately in cases of an approved waiver of match).

Desktop system: any computer that will be a stand-alone or client in a network environment. Total cost maximum: \$1,750. State share (at 50% match): \$875.

Tablet/Portable PC: this category is for a rugged laptop/tablet. Total cost maximum: \$4,000. State share (at 50% match): \$2,000.

Laptop: non-rugged laptop/tablet. Total cost maximum: \$1,750. State share (at 50% match): \$875.

Server: used to serve applications and/or files in a multi-user environment when reliability, speed and redundancy are factors. Total cost maximum: \$10,000. State share (at 50% match): \$5,000.

Software: there are no specific funding guidelines for software. Please list an appropriate cost in the grant application, and attach a vendor quote.

EMTS Provider Grants Program

Criteria for the “Equipment” Category

Use this category to request general EMS and trauma care equipment, which includes medical equipment necessary to provide EMS and trauma care; extrication equipment; monitoring equipment; defibrillators; training and education equipment (i.e. high fidelity manikins, training computers and projectors, etc;) pediatric and special needs durable equipment. Do not use this category for radios or other communications equipment.

You can also request general safety equipment items in this category, including but not limited to:

- Power cots
- Load bearing stair chairs
- Personal protective equipment compliant with NFPA 1999, ANSI/ISEA 107 or 29 CFR 1910.143
- Traffic control cones/signs
- Bariatric equipment
- Helmets for attendants
- Heads-up displays and audible warning for wildlife/obstacles

Equipment in this category should have an expected service life of greater than 5 years. Single or limited use medical equipment must have a per unit value of greater than \$100. Disposable supplies and pharmaceuticals are not eligible for funding through this program.

Rescue and extrication related equipment is allowable in this category. Please justify how this equipment is important to the provision of EMS or trauma services.

Monitor / Defibrillators: there are maximum funding amounts for defibrillators and cardiac monitors, and the grants program will pay no more than 50% of the following amounts (state percentage will change proportionately in cases of an approved waiver of match).

Defibrillator/Cardiac Monitor	Total cost	State share (at 50% match)
Basic 3-lead defibrillator	\$11,500	\$5,750
Intermediate defibrillator (3-lead, non-invasive pacing, SPO2)	\$15,000	\$7,500
Plus defibrillator (12-lead, non-invasive pacing, SPO2, ETCO2)	\$31,500	\$15,750

All costs over and above these amounts will be paid by the grantee. These are “not to exceed” figures to be used on your grant application. If the actual cost of the equipment is less than the “not to exceed” figure, list the actual cost in the application. Attach your vendor quote to the grant application.

There are no maximum funding amounts for AEDs. If you are requesting an AED, please obtain appropriate bids/quotes, use those numbers on your grant application and attach the vendor quote to the grant application.

EMTS Provider Grants Program
Guidelines for the “Injury Prevention” Category

The EMTS Provider Grants Program encourages EMTS organizations to develop grant requests to address injury prevention needs where projects use evidence-based information for a community injury prevention or health/wellness initiative. All projects must be completed by June 30.

Requests in this category are strongly encouraged to include:

- verbiage showing the project was chosen based on data indicating there is a problem and that this program will address the problem
- an evaluation component with evaluation results that will be a part of a final report, especially if the project is to be considered for future funding in subsequent years
- stated goals and desired outcomes, where outcomes are more than just numbers of items purchased
- evidence of collaboration with community partners in addressing the problem (such as EMS, CSP, CPS team, fire, service clubs, public health agencies, schools and other local partners)
- evidence based practice, if data is available, and information about best practice research

EMTS Provider Grants Program
Guidelines for the “Other” Category

Use this category to request anything that is not covered in the specifically-named categories within the grant application. Examples include, but are not limited to, conversion of an ambulance box into a training simulator, a project that is not exclusive to any of the specific categories, etc.

All projects must be completed prior to June 30.

Narratives are extremely important in this category. Please put specific detail into all narratives, including how the idea was developed, all partners or participating agencies in the project, project timelines and parameters, detailed budgets, expected outcomes and benefits, etc.

Attach anything useful yet concise that helps explain your project to the grant evaluators. These can include budgets, vendor quotes and letters of support from collaborating partners or agencies.

EMTS Provider Grants Program Guidelines for the “Personnel/Services” Category

Salaries and personnel expenses are an allowable request in this grant program, and funding can be requested for services to be provided by:

- an independent contractor
- an employee(s) of your organization

Independent Contractors

Eligible expenses:

- Consulting fees as indicated in the grant award
- Supplies directly related to services provided
- Travel costs directly related to services provided including mileage, airfare, railfare or rental vehicles.
- Documented daily expenses for lodging and meal expenses up to \$200/person per day
- Mileage is payable at the current Colorado state mileage reimbursement rate
www.colorado.gov/dpa/dfp/sco/FiscalRules/mileage.htm

Ineligible expenses:

- Employee benefits or payroll taxes
- Alcoholic beverages
- Entertainment expenses
- Mileage expenses above and beyond the shortest route

Reporting requirements:

- Invoice indicating services provided including a general description of work provided by category
- Receipts for all supplies, airfare, railfare, rental vehicles, lodging and meals
- Documentation of mileage through indication of point of origin and destination

Employees

Eligible expenses:

- Wages or salary at or above the Colorado minimum wage
- Retirement benefits up to 5 % (or up to 12% of the wage or salary amount if the employer does not participate in Social Security)
- Social Security or equivalent payments up to 6.2% of the wage or salary amount
- Health insurance benefits up to \$1500 per month
- Documented unemployment insurance premiums
- Medicare payroll taxes at 1.45%
- Travel expenses or supplies as indicated in the grant award

Ineligible expenses

- Payroll taxes and deductions withheld by the employer on behalf of the employee
- Paid time off (vacation time, sick time, etc.)
- Bonus payments
- Alcoholic beverages
- Entertainment expenses

The combination of eligible expenses payable by the state cannot exceed the amount contained in the purchase order or contract documents.

Reporting requirements:

- Invoice indicating number of hourly wages or salary provided over the period invoiced
- Reports indicating eligible benefits and/or payroll taxes paid
- Receipts for all airfare, railfare, rental vehicles, lodging and meals for employee related travel
- Documentation of mileage through indication of point of origin and destination for employee related travel

All grant funding ends on June 30. Be sure to explain sustainability and longevity in your narratives. Detail how you will continue supporting your personnel after the grant funding ends.

EMTS Provider Grants Program Guidelines for the “Recruitment & Retention” Category

The EMTS Provider Grants Program encourages EMTS organizations to develop grant requests to address recruitment and retention needs. This category encourages requests that are:

- reflective of an overall organizational strategy or plan to effectively recruitment and retain members
- reflective of identified organizational recruiting or advertising and retention needs
- integrated with requests in other categories such as Personnel and Services or the “CREATE” education program

Project suggestions can be found in this publication:
www.usfa.dhs.gov/downloads/pdf/publications/fa-310.pdf

Requests in this category are strongly encouraged to include an evaluation component that allows the organization and the Colorado Department of Public Health and Environment to evaluate the effectiveness and impact of the grant award. Organizations may wish to consider voluntary participation in the ongoing EMS Turnover project sponsored by the EMS Agency Research Network at www.emsarn.org

Ineligible requests in this category include:

- Personal travel or entertainment expenses
- Out-of-state travel
- Banquets or other meals
- Promotional items (give-a-ways, pens, coffee cups, etc.)
- Recreational items (i.e. ski passes, gym memberships)
- Employee or volunteer benefits earned before the grant award
- Uniform items that do not qualify as safety equipment, as defined in the equipment guidelines as personal protective equipment compliant with NFPA 1999, ANSI/ISEA 107 or 29 CFR 1910.143

Attachments can include agency Recruitment and Retention Plan (if available), vendor quotes and letters of support from collaborating partners or agencies.

All projects must be completed by June 30.

EMTS Provider Grants Program
Note on Purchasing Utilizing Colorado State Bid System

Local government and non-profit organizations may be eligible to purchase equipment with significant savings through the state purchasing office (state bid). Items that are routinely available through state purchasing include, but are not limited to:

- Computer hardware
- Communications equipment
- General use vehicles

A listing of current state price agreements can be found at:
www.gssa.state.co.us/SPAgree

Information on local government use of the state purchasing system can be found at:
<http://dola.colorado.gov/dlg/ta/purchasing/index.html>

Information of non-profit use of the state purchasing system can be found at:
www.colorado.gov/cs/Satellite/DPA-DFP/DFP/1251575095469.