

System for Award Management (SAM.gov) profile

Please identify your organization to be associated with this application.

All organization information in this section will come from the System for Award Management (SAM) profile for that organization.

SAN BERNARDINO COUNTY FIRE PROTECTION DISTRICT

Information current from SAM.gov as of:	03/05/2023
UEI-EFT:	LMMJPJ5LEB75
DUNS (includes DUNS+4):	027766398
Employer Identification Number (EIN):	956002748
Organization legal name:	SAN BERNARDINO COUNTY FIRE PROTECTION DISTRICT
Organization (doing business as) name:	
Mailing address:	157 W. 5TH ST FL2 SAN BERNARDINO, CA 92415-0451
Physical address:	157 W 5TH ST FL 2 SAN BERNARDINO, CA 92415-0225
Is your organization delinquent on any federal debt?	N
SAM.gov registration status:	Active as of 12/13/2022

☒ We have reviewed our bank account information on our SAM.gov profile to ensure it is up to date

Applicant information

Please provide the following additional information about the department or organization applying for this grant.

Applicant Name (i.e., fire department or organization name)	San Bernardino County Fire Protection District
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Main address of location impacted by this grant

Main address 1	157 West 5th St Floor 2
Main address 2	
City	San Bernardino
State/territory	CA

3/10/23, 1:32 PM

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Zip code	92415
Zip extension	0451
In what county/parish is your organization physically located? If you have more than one station, in what county/parish is your main station located?	San Bernardino County

Applicant characteristics

The SAFER (Staffing for Adequate Fire and Emergency Response) program intends to improve or restore local fire departments' staffing and deployment capabilities so they may more effectively respond to emergencies. With the restored or enhanced staffing, grantees should see a reduction in response times and an increase in the number of trained personnel assembled at the incident scene. Grant funds are available in two activities: Hiring Firefighters and Recruitment and Retention of Volunteer Firefighters. Please review the Notice of Funding Opportunity for information on available program areas and for more information on the evaluation process and conditions of award. Please provide the following additional information about the applicant.

Applicant type	Fire Department/Fire District
What kind of organization do you represent?	Combination (Majority Paid/Career)
What is the percentage of career members in your organization?	97
Which activity are you applying for?	Hiring of Firefighters

Operating budget

What was your department's operating budget (e.g., personnel, maintenance of apparatus, equipment, facilities, utility costs, purchasing expendable items, etc.) related to fire-related programs and emergency response for the current (at time of application) fiscal year, as well as the previous three fiscal years?

Current Fiscal Year (i.e., 2021)	2023
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Fiscal Year	Operating budget
2023	\$341,622,467.00
2022	\$302,092,039.00

Fiscal Year	Operating budget
2021	\$290,984,559.00
2020	\$268,152,445.00

What percentage of the declared operating budget is dedicated to personnel costs (salary, benefits, overtime costs, etc.)? **61**

Does your department have any rainy day reserves, emergency funds, or capital outlay? **Yes**

What is the total amount currently set aside? **35390091.00**

Describe the planned purpose of this fund. **CA State Local Formation Commission requires reserves for fire engine and station replacement, emergency incidents, and fire-weather increased staffing, with allocations specific to regional service zones.**

What percentage of the declared operating budget is derived from the following	2023
Taxes	49
Bond issues	0
EMS billing	3
Grants	2
Donations	0
Fund drives	0
Fee for service	46
Other	0
Total	100 %

Describe your financial need to include descriptions of the following:

- Income vs. expense breakdown of the current annual budget
- Budget shortfalls and the inability to address financial needs without federal assistance
- Actions taken to obtain funding elsewhere (i.e. state assistance programs or other grant programs)
- How your critical functions are affected without this funding

In recent years, San Bernardino County Fire Protection District (SBCFPD) has experienced increased frequency and severity of wildland fires and pandemic-related challenges. These challenges have put added pressure on SBCFPD’s operating budget, 49% which is derived from taxes. San Bernardino County (SBC) has 57 listed census tracts which fall within a Federal Qualified Opportunity Zone, (an area identified by the State and certified by the Secretary of the U.S. Treasury to be an economically distressed community). Nearly 1 in 5 children in SBC live in poverty; more than 30%of households report income below 150% of the poverty level. Census.gov and DataUSA report that more than 26% of the SBC population lives with severe housing problems. SBCFPD is classified as a fire protection district to which no SBC funds are automatically allocated. To meet basic needs and enhance services, SBCFPD regularly submits regional, state and federal grant applications. SBCFPD requests General Funding from SBC every year. Without special appropriations from SBC, SBCFPD would have to close fire stations that currently service disadvantaged communities within the Eastern Desert service area. Response that is now available within minutes would then be delayed by hours. The SBCFPD Board of Directors requests SBCFPD to maintain a Reserve Fund targeted at 20% of total ongoing operating revenues. Reserve Funds may be used for one-time capital improvement projects, repairs, and other necessary expenses including equipment, vehicle, and apparatus replacements, software and hardware replacements, cost recovery, and future fire stations and related land acquisition.

Other funding sources

This fiscal year, are you receiving Federal funding from any other grant program for the same purpose for which you are applying for this grant?

No

This fiscal year, are you receiving Federal funding from any other grant program regardless of purpose?

Yes

Please provide an explanation for other funding sources in the space provided below.

In addition to Assistance to Firefighter Grant funding and Public Assistance funding for DR-4569 and DR-5325, the District is the recipient of Homeland Security Grant (HSGP), Emergency Management Preparedness Grant

Applicant and community trends

Please provide the following additional information about the applicant.

Injuries and fatalities	2022	2021	2020
What is the total number of fire-related civilian fatalities in your jurisdiction over the last three calendar years?	1	7	10
What is the total number of fire-related civilian injuries in your jurisdiction over the last three calendar years?	7	1	7
What is the total number of line of duty member fatalities in your jurisdiction over the last three calendar years?	0	0	0
What is the total number of line of duty member injuries in your jurisdiction over the last three calendar years?	6	244	15
What is the total number of members with self-inflicted fatalities over the last three years?	0	0	0

How many frontline vehicles does your organization have in each of the types or classes of vehicle listed below that respond to first alarm assignments in support of NFPA 1710/1720? You must include vehicles that are leased or on long-term loan as well as any vehicles that have been ordered or otherwise currently under contract for purchase or lease by your organization but not yet in your possession.



Filled riding positions

The number of filled riding positions must be equal or less than the number of frontline apparatus multiplied by the number of available riding positions.

Type or class of vehicles	Number of frontline apparatus	Number of available riding positions	Number of filled riding positions
Engines or pumpers (pumping capacity of 750 gallons per minute (GPM) or greater and water capacity of 300 gallons or more): pumper, pumper/tanker, rescue/pumper, foam pumper, CAFS pumper, type I, type II engine urban interface.	80	408	1

Type or class of vehicles	Number of frontline apparatus	Number of available riding positions	Number of filled riding positions
Ambulances for transport and/or emergency response.	28	132	1
Tankers or tenders (water capacity of 1,000 gallons or more).	18	36	1
Aerial apparatus: aerial ladder truck, telescoping, articulating, ladder towers, platform, tiller ladder truck, quint.	14	63	1
Brush/quick attack (pumping capacity of less than 750 GPM and water carrying capacity of at least 300 gallons): brush truck, patrol unit (pickup w/ skid unit), quick attack unit, mini-pumper, type III engine, type IV engine, type V engine, type VI engine, type VII engine.	57	228	1
Rescue vehicles: rescue squad, rescue (light, medium, heavy), technical rescue vehicle, hazardous materials unit.	36	148	1
Additional vehicles: EMS chase vehicle, air/light unit, rehab units, bomb unit, technical support (command, operational support/supply), hose tender, salvage truck, ARFF (aircraft rescue firefighting), command/mobile communications vehicle.	102	306	1

Is your department facing a new risk, expanding service to a new area, or experiencing an increased call volume? **Yes**

Please explain how your department is facing a new risk, expanding service to a new area, or experiencing an increased call volume.

Regionwide, pandemic-related challenges have affected operations, including SBCFPD. As illustrated by the increased number of line-of-duty injuries, which jumped from 15 to 244 in a single year, the pandemic has placed negative, direct effects on personnel. The ever-evolving nature of the COVID-19 disease continues to negatively impact all measures of response for SBC. The pandemic, along with corresponding regulatory agency requirements and climate change, have forced many alterations in emergency mitigation. Two such challenges are (1) an increase in the medical service incidents with several record-setting days. Given the large geographical area of SBCFPD, this call volume challenges all aspects of SBCFPD's infrastructure and response capabilities. The increased call volume puts additional stress to the overall emergency medical system as well as local hospitals. The combined effects of an increased call volume, reduction in workforce, and increased catastrophic fires have challenged SBCFPD in ways never-before experienced. Number of days each firefighter works to offset staffing shortages coupled with (2) an increase in catastrophic

fires attributed to the exceptional drought in California, extreme winds, and the outdated power-generation-and-supply utilities. Firefighters work longer hours in increasingly stressful, dangerous environments. Beginning with COVID-19, the region has experienced an increase in call volume for rescues and emergencies.

Community description

Please provide the following additional information about the community your organization serves.

Type of jurisdiction served	County
What type of community does your organization serve?	Suburban
What is the square mileage of your first due response zone/jurisdiction served?	20160
What percentage of your primary response area is protected by hydrants?	20

What percentage of your primary response area is for the following:	Percentage (must sum to 100%)
Agriculture, wildland, open space, or undeveloped properties	74
Commercial and industrial purposes	6
Residential purposes	20
Total	100

What is the permanent resident population of your first due response zone/jurisdiction served?	2171603
Do you have a seasonal increase in population?	Yes
What is your seasonal increase in population (number of people)?	50000

Please describe your organization and/or community that you serve.	SBCFPD is a community-based, all- hazard emergency services provider committed to providing the highest possible level of efficient and cost-effective services to a population that exceeds 2.1 million. Larger than the
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states of New Jersey, Connecticut, Delaware and Rhode Island combined, San Bernardino County is the largest county geographically in the continental United States. It encompasses 20,160 square miles of diverse environment that stretches from the western Los Angeles County line to the eastern part of the Colorado River, to the Nevada State Line and to northern Kern and Inyo Counties. SBCFPD services more than sixty cities and communities. These include all unincorporated areas of the urban communities in the San Bernardino Valley as well as the suburban/rural communities in the extensive desert and mountain areas. Outside of the urban San Bernardino Valley areas, the service area is spread-out and rural. Most of the populace is considered low income (disadvantaged). Due to the sheer distance between small communities and isolated residences, services are stretched thin. SBCFPD does its best to provide service through regionalization of services, partnerships with local communities and service groups, and automatic/mutual aid agreements. In order to fund as many firefighter and EMS boots-on-the-ground positions in rural communities as possible, the managerial organization chart is extremely flat, especially considering the breadth and complexity of services offered. Led by the Fire Chief, SBCFPD has only 3 Deputy Chiefs, 3 Division Chiefs, 6 Assistant Chiefs, and 8 Battalion Chiefs per day. Single fire engines service many of the rural areas. Travel time between staffed fire stations is up to 1.5 hours. In the majority of the rural areas, dedicated paid-on-call and volunteer staff members provide fire, rescue, and EMS services and transportation.

Call volume

Summary

Summary of responses per year by category. Enter whole numbers only. If you have no calls for any of the categories, enter 0.

Summary of responses per year per category	2022	2021	2020
Fire - NFIRS Series 100	5025	4714	4028

Summary of responses per year per category	2022	2021	2020
Overpressure Rupture, Explosion, Overheat (No Fire) - NFIRS Series 200	30	38	46
Rescue & Emergency Medical Service Incident - NFIRS Series 300	90838	86737	90970
Hazardous Condition (No Fire) - NFIRS Series 400	1295	1956	1993
Service Call - NFIRS Series 500	5590	6386	5842
Good Intent Call - NFIRS Series 600	22078	24088	24167
False Alarm & Falls Call - NFIRS Series 700	3071	3084	3585
Severe Weather & Natural Disaster - NFIRS Series 800	21	14	22
Special Incident Type - NFIRS Series 900	80	132	163
Total	128028	127149	130816

Fire

How many responses per year by category? Enter whole numbers only. If you have no calls for any of the categories, enter 0.

How many responses per year per category?	2022	2021	2020
"Structure Fire" (Of the NFIRS Series 100 calls, NFIRS Codes 111-120)	1158	1278	1039
"Vehicle Fire" (Of the NFIRS Series 100 calls, NFIRS Codes 130-138)	724	779	725
"Vegetation Fire" (Of the NFIRS Series 100 calls, NFIRS Codes 140-143)	379	760	619
Total	2261	2817	2383

What is the total acreage of all vegetation fires? Enter whole numbers only. If you have no vegetation fires, enter 0.

Total acreage per year	2022	2021	2020
Total acreage of all vegetation fires	2787	65182	2443

Rescue and emergency medical service incidents

How many responses per year per category?	2022	2021	2020
"Motor Vehicle Accidents" (Of the NFIRS Series 300 calls, NFIRS Codes 322-324)	5427	4894	5452
"Extrications from Vehicles" (Of the NFIRS Series 300 calls, NFIRS Code 352)	13	14	22
"Rescues" (Of the NFIRS Series 300 calls, NFIRS Code 300, 351, 353-381)	1358	1916	2889
EMS-BLS Response Calls	1214	985	1759
EMS-ALS Response Calls	72950	62981	62347
EMS-BLS Scheduled Transports	0	0	0
EMS-ALS Scheduled Transports	385	459	535
Community Paramedic Response Calls	0	0	0
Total	81347	71249	73004

Mutual and automatic aid

How many responses per year by category? Enter whole numbers only. If you have no calls for any of the categories, enter 0.

How many responses per year per category?	2022	2021	2020
Amount of times the organization received Mutual Aid	3904	3733	3716
Amount of times the organization received Automatic Aid	4526	2401	1987
Amount of times the organization provided Mutual Aid	275	378	392
Amount of times the organization provided Automatic Aid	305	375	331
Of the Mutual and Automatic Aid responses, amount that were structure fires	202	205	169
Total	9212	7092	6595

Grant request details



Instructions

You can add the positions you are requesting by using the add buttons below. Include all positions in a single item. Please answer all the questions for the overall Hiring activity as well as the required information for the requested positions.

Grand total: \$13,151,880.00

Program area: Hiring of firefighters



Activity: Hiring of Firefighters

\$13,151,880.00



Hiring of Firefighters activity questions

Staffing levels

SAFER intends to restore or improve local fire departments' staffing and deployment capabilities so they may more effectively respond to emergencies. With the enhanced staffing, a SAFER grant recipient's response time will be reduced sufficiently and an appropriate number of trained personnel will be assembled at the incident scene.

The following questions are designed to help us understand the staffing changes that have occurred in your department over the past several years and how the grant will assist in restoring or improving your staffing levels. The information provided must be a true and accurate depiction of your department on the timelines listed below.


For more information regarding these standards please see the Notice of Funding Opportunity or go to www.nfpa.org/freeaccess

Select the item that best describes the NFPA standard your department is attempting to meet: **1710 - with aerial**

What is the department's current (at the start of the application period) budgeted operational staffing level? Include all budgeted positions, even if they are not currently filled.

Current budgeted operational staffing level **695**

How many budgeted, but vacant operational positions does your department have at the start of the application period? **105**

Please enter information about your organization's staffing levels in the table [below](#)  .

Staffing levels	Total number of operational career personnel	Number of operational career officers	Number of NFPA support
Staffing levels at the start of the application period	695	40	695
Staffing levels at one year prior to the start of the application period	688	38	688
Staffing levels at two years prior to the start of the application period	617	36	617
If awarded this grant, what will the staffing levels be in your department?	716	40	716

Please provide details on the department's existing staffing model to include the number of shifts, number of positions per shift, chief level officer staffing per shift (i.e., Battalion Chief, District Chief, etc.), and contracted shift hours per

The San Bernardino County Fire Protection District employs a conventional staffing model consisting of three shifts that work a unique work schedule. That schedule consists of 48 hours on duty, 48 hours off, 48 hours on, 96

week/pay period. If the contracted shift hours included FLSA overtime or Kelly Days, please be sure to include details.

hours off, 48 on, 48 off, 48 on followed by 192 hours off. The contracted number of hours worked is 56 hours with 112 hours per pay period and 3 hours per week calculated toward FLSA overtime. The daily staffing consists of 2 trucks staffed with a Captain, Engineer, Firefighter Paramedic, and Firefighter EMT. 4 trucks staffed with a Captain, Engineer and Firefighter Paramedic. We have 46 engines staffed with a Captain, Engineer and Firefighter Paramedic. The San Bernardino County Fire Protection District uses 7 Paramedic squads daily that are staffed with a Firefighter Paramedic and Firefighter EMT. There is one brush patrol that is staffed with a Captain and a Firefighter Paramedic and 2 daily aircraft rescue apparatus; one staffed with a Captain and one with and Engineer. The daily total number of suppression positions is 183. This consists of 55 Captains, 54 Engineers, 63 Firefighter Paramedics, and 11 Firefighter EMTs. The SBCFPD also staffs 8 Battalion Chiefs per day. There are 2 Divisions Chiefs, 7 Assistant Chiefs, 2 Deputy Chiefs and the Fire Chief that are on duty Monday through Friday.

Does your department utilize part-time or reserve paid firefighters?

Yes

Please provide details on how these firefighters are used within your department to include the number of firefighters, the number of full-time, NFPA compliant positions these firefighters occupy, if applicable, and how they are scheduled to meet your staffing needs.

San Bernardino County Fire Protection District employs 50 Paid-call Firefighters. These firefighters respond out of 4 stations. The purpose of this program is to augment staffing in areas that do not have the financial resource or call volume to justify a fully staffed station. Paid-call firefighters attend initial training before they can begin responding to incidents. They also receive on-going training to maintain

proficiency. These employees function as firefighters, apparatus operators, and/or company officers as needed, until additional resources arrive on scene. These Paid-call firefighters do not occupy any full time NFPA-compliant positions.

Hiring of firefighters

Please provide the following additional information regarding your fire department.

Based on current staffing levels:

If your department utilizes overtime to fill positions to ensure you are meeting applicable NFPA staffing and deployment standards, you should remove the number of positions filled by overtime from your calculations.

How often does your department meet the NFPA assembly requirements as indicated in the table above for the department's first due response zone/jurisdiction served?	Sometimes (20 to 39%)
What is the average actual staffing level on your first arriving engine company or vehicle capable of initiating suppression activities on the number of structure fires indicated in the department call volume section of your application?	3.2
Do you provide NFPA 1582 annual medical/physical exams?	No, but we provide other types of physicals

If awarded the number of positions requested in this application:

How often do you anticipate that your department will meet the NFPA assembly requirements as indicated in the table above?	Half of the time (40 to 59%)
What will be the average actual staffing level on your first arriving engine company or vehicle capable	3.8

of initiating suppression activities on the number of structure fires indicated in the department call volume section of your application?

Will you provide the new hires with NFPA 1582 entry-level physicals? **Yes**

Will the personnel hired meet the minimum EMS training and certification as required by your Authority Having Jurisdiction (AHJ)? **Yes**

Is it your department's intent to sustain the awarded positions after the completion of the period of performance? **Yes**

Please provide a brief description on how the positions will be sustained. **The positions will be sustained through the utilization of District funding from the Operational budget. The District governing body understands and prioritizes the need for additional positions. Once firefighters are actively onboarded utilizing grant funding, sustaining the positions will be a priority in future budget processes.**

Describe the department's step-by-step hiring process (application period, written test, physical, approval) and the timeline for each step. **A posted recruitment is opened through the NEOGOV portal and is typically available for applications for 2-4 weeks. The candidates that apply are required to have successfully completed the FCTC standardized written exam and to have completed the Candidate Physical Ability Test (C-PATI) prior to time of application. Applicants are screened for minimum qualifications and the applicants are scheduled for an oral interview. The oral interview consists of 3-5 members of the organization of various ranks and experience. The interview panel will ask the candidates a variety of questions that are intended to help the panel get to know the candidate and determine eligibility. This process typically takes 1-2 weeks.**

Successful candidates are then invited to the background screening. This is an extensive process that includes questionnaires, interviews, reference checks, credit checks, and a variety of other mechanisms to assure only the highest quality of candidates. Candidates are then extended official, conditional, job-offer letters and advanced to psychological and physical evaluations. The psychological exam consists of 2-4 written evaluations that are intended to measure various aspects of personality and mental health. It is then concluded by an interview with a psychologist who specializes in police-and-fire evaluations. The physical evaluation is a multi-dimensional assessment of numerous physical characteristics to assure the safety of the candidates as they enter a very arduous profession. This aspect of the process takes approximately 6 weeks to complete. The total hiring process takes approximately 6.5 months to complete.

How many recruits can be trained in one academy class? 30

How long after award will the department be able to start a recruit class?

SBCFPD is currently in the process of recruitment for Lateral firefighter (firefighters from other agencies) to attempt to attract firefighters that have prior experience in the field of fire suppression. The District has also opened an entry-level recruitment to account for the positions requested in this application as well as any additional vacancies that may still exist. The two recruitments would yield a new hire academy, lasting 4 months, which will start in late summer to early fall. The new hires would complete the academy and begin working their assigned shifts

	by a target date of February 2024 or sooner.
How often are your recruit classes held?	Department recruit classes are typically held twice per year. This arrangement can be modified based on the needs of the organization.
Does the department need governing body approval to accept and implement the award?	Yes
Provide details on the timeline needed to accept the grant award.	Once the award is announced, SBCFPD staff will draft a Board Agenda Item and the Fire Chief will submit and present the item to the SBCFPD Board of Directors for approval. This process can be accomplished in as little as six weeks.
Is your request for hiring firefighters based on a risk analysis, staffing needs analysis, or an Insurance Services Office (ISO) rating?	Yes
Describe how the analysis was conducted and the outcome of the analysis or ISO rating.	The Department conducted an informal staffing analysis based on the addition of two new fire stations and proposed staffing increase at four existing fire stations.
Does your department currently have a policy in place to recruit and hire veterans?	No

Narrative statements

The narrative statements must provide all the information necessary for you to justify your needs and for FEMA to make an award decision. A panel of peer reviewers will perform the second phase of the applications' evaluations by using the narrative statements below to determine the worthiness of the request for an award.

Please ensure that your narrative clearly addresses each of the following evaluation criteria elements to the best of your ability with detailed but concise information. Provide only the information being requested for each element; if you provided information pertaining to the narrative elements elsewhere in the application you must still include it below. Failure to provide the information being requested may result in a lower score or the application not being funded.

Project description

Why does the department need the positions requested in this application?

SBCFPD strives to provide a quality level of service to every resident in the District. This goal is often difficult due to the vast amount of undeveloped land that comprises much of the area served. Some of the District's response area houses few residents but contains highly traveled highways. One such area is Interstate 15 which connects Southern California to Las Vegas. The stretch of highway is served from one fire station in the town of Baker. Traffic collisions or medical emergencies that occur here can expect travel times of up to two hours and can often require assistance from resources from the State of Nevada. The positions applied for in this grant would allow SBCFPD to add additional engines to six underserved communities as described above. The situation described above is a common occurrence in many parts of SBCFPD where resources are limited as a result of an extremely low population. The intent with this application would allow the District to place 6 additional fire engines in service to provide Advanced Life Support to people who visit or live in these areas. The additional engines will be staffed with a Captain, Engineer, and Firefighter Paramedic in a fire engine that will carry at least 500 gallons of water and a 1500 gallon per minute pump.

How will the positions requested in this application be used within the department? (e.g., 4th on engine, open a new station, eliminate browned out stations, reduce overtime)?

The purpose of the 21 new positions is to help improve staffing levels to attain a more effective level of response and a safer incident scene. More specifically, these positions would be added to enhance 24-hour shifts at seven locations within the service areas of the District. Two of

the additional resources are slated to be assigned to fire stations that are currently not staffed in any capacity. One of the newly assigned engines will take the place of an existing brush patrol that only has two people staffing a very rural area that can see exponential increases in seasonal population. The additional position would replace the two-person brush patrol with a three-person engine. SBCFPD's typical shift schedule for an engine requires three staff, but these locations currently only have two staff per shift. The funds from this grant would add three staff total (one per shift) at each of these locations to create additional three person engines. Adding a firefighter to these two-person squads would increase the level of service from the current medical response unit to a medical response and fire suppression response engine, thus augmenting the current response capabilities and increasing the versatility of service SBCFPD provides to these areas. This includes providing enhanced Advanced Life Support to the people who visit or live in these areas. The fourth additional resource is planned to be added to one of the busiest areas in country. In 2019 Firehouse magazine listed Medic Engine 224 in the City of San Bernardino as the 4th busiest engine in the country, running over 6,800 calls. In the City of San Bernardino there were 52,221 calls last year. This call volume is currently only being served by 8 fire engines. This city fights 4,427 fires per year. The fourth engine that will be allocated will be a very welcome addition to provide service in and around the City of San Bernardino.

What specific services will the requested positions provide to the fire department and community?

The Firefighter Paramedics for SBCFPD respond to emergency medical care by observing, and reporting, vital signs, providing care for victims of accidents and administering medical treatment to all injured or ill persons. This care can take place on medical emergencies, as well as on scene of a fire or a rescue call. They are able to place the patient on the cardiac monitor, determine any cardiac dysrhythmia and treat the condition accordingly. They are responsible for maintaining proficiency in San Bernardino County EMS protocols and being able to operate within those protocols to effectively provide medical intervention to the citizens. They will provide front line fire suppression activities on the fire ground including, but not limited to: donning personal protective equipment and self-contained breathing apparatus, pulling hose lines from the engine, performing forcible entry evolutions to gain entry into the involved structure, extinguishing the fire, performing rescue and removal operations, conducting ventilation operations and salvage and overhaul. The firefighter paramedic is expected to be able to drive and operate fire apparatus when needed. They have recently been granted an exception by our local EMS authority to provide COVID-19 vaccinations to the public. This is a vital change that allows the Firefighter Paramedics of SBCFPD to assist County Public Health and the overly taxed health care system by utilizing the skills, knowledge and abilities of the Paramedics to distribute vaccines to the citizens of the County. This change demonstrates the versatility of the positions being requested. These employees will assist the residents of

Describe how funds awarded through this grant would enhance the department's ability to protect critical infrastructure within the primary response area.

the County in a very diverse manner to adhere to the All Hazards philosophy that is stated in the Mission Statement.

NFPA 1710 Annex A Section A.1.1 clearly defines how adequate staffing directly impacts the ability for any organization to protect the infrastructure of its response area. The area SBCFPD serves contains numerous target hazards, critical infrastructure, and transportation routes for the County of San Bernardino and other parts of the Western United States. If awarded, the positions funded through this grant would allow the SBCFPD to add pivotal resources. These additional engines would ensure the safety of miles of highly traveled freeways and interstates which carry countless commodities and people. These engines would allow for a much more expedited response of emergency medical care, fire protection, and rescue capability. This will allow for highways to be shut down for less time during incidents and will offer the public that uses these highways a significantly higher level of care. There are 168 miles of BNSF Railway Intermodal Route that travels from the City of Barstow to the Arizona state border along the I-40 corridor. The responsibility for much of this railway lies with SBCFPD. This railway is frequently travelled by railcars that are delivering important cargo throughout the United States. This rail line can be used to transport critical agricultural products such as crops, food, coal, crude oil, and vital building materials such as lumber. A disruption of the supply of these products can be catastrophic to the region. The positions being requested will reduce response times

when mitigating disastrous events such as train emergencies. Each member of SBCFPD is trained to the level of Hazardous Materials First Responder Operational. This training proves invaluable during an emergency involving a rail car.

Impact on daily operations

Explain how the community and the current firefighters employed by the department are at risk without the positions requested in this application.

Current staffing inhibits continuous ALS and suppression abilities to all of our residents and travelers. This risk is enhanced by the extended response times by our engines to remote areas of the SBCFPD. Extended response times cause an incident to be more intense, which makes resolution more difficult and dangerous. These areas also rely on mutual aid to assist firefighting efforts. The outside agencies also have extended response times creating a situation where many incidents in these areas become more complex by the time adequate resources arrive. Three of these positions will allow for the replacement of a two-person squad in a rural community with a three-person engine. The National Institute of Standards and Technology conducted a study involving the staffing models of fire engines, and how these models impacted the ability of personnel to effectively conduct required tasks on the fire ground. The following are direct quotes from the NIST study. There was a nearly 10% difference in the water on fire time between the 2 and 3-person crews, a 2-person crew started and completed a primary victim search 25% faster than the 2-person crew. A 2-person crew took 57 seconds longer than a 3-person crew to stretch a line. According to the study the 2-person deployment

model was unable to meet the industry standard. The fire modeling simulations demonstrated that 2-person, late arriving crews can face a fire that is twice the intensity. The fire modeling showed clearly that 2-person crews cannot complete essential fireground tasks in time to rescue occupants without subjecting either firefighters or occupants to a potentially hazardous atmosphere.

How will that risk be reduced if awarded?

These additional firefighters will help to mitigate the risk associated with an under-availability of resources in the areas these positions will be assigned. Two of these areas are currently not staffed in any capacity. The award of these positions will add resources in strategic locations that will both provide service to these areas, and much needed assistance to the other communities in the areas through mutual and automatic aid while reducing danger to our firefighters. These positions will help move the SBCFPD closer to meeting all aspects of NFPA 1710 by staffing 3 additional engines that will be stationed in highway areas with small communities surrounded by federal lands. The additional resources in these areas will increase the ability to assemble an effective response force and reduce total response time from hours to minutes as outlined in the deployment criteria of NFPA 1710.

Cost benefit

Describe the benefits (e.g., quantifying the anticipated savings and/or efficiencies) the department and community will realize if awarded the positions requested in this application.

The award of this application would provide a significant benefit to SBCFPD and all of the 60 communities we serve. The SBCFPD services a vast array of socioeconomic areas from suburban communities, to nearly uninhabited federal land. Each of these

communities rely on our All Hazard emergency response regardless of the property tax that their area generates. As such, all the funding from this project will help to provide a higher level of service to the community, help us maintain Federal, State and Local regulations, as well as provide a safe working environment for our firefighters. This project if awarded, will translate to increased opportunities to serve the community through training, apparatus, safety equipment, capital improvement, combating the COVID-19 pandemic, and programs can be made available to the public. We strive to be good stewards of the residents' hard-earned money, and given the adversity faced by SBCFPD as a result of the COVID-19 pandemic we are preparing for an uncertain financial future. The funds awarded by this project will undoubtedly be critical in the financial future of San Bernardino County Fire Protection District.

Additional information

If you have any additional information you would like to include about the department and/or this application in general, please provide below.

Position



Position: New, Additional Firefighter(s)

\$13,151,880.00

What benefits are included in the annual benefits amount? You must provide details on the dollar amounts or percentages for each benefit being provided

(health costs (family, employee only, employee plus one), dental, vision, FICA, life insurance, retirement/pension, etc.). Note: Failure to provide this information may results in reductions to the requested amounts.

Uniform expenses are .25% (considered part of salary), FLSA required overtime is 3.34% (considered part of salary) member retirement is 27.46%, FICA SOC-SEC is 3.33%, employee group insurance is 7.45%, vision care is .04%, short term disability is .66%, FICA Medicare is .82%, Workers comp insurance is 2.52%, Life insurance is .45%, other fringes are .01%, Employee medical opt-out allowances are .02%.

How many full-time firefighter positions are you requesting? "Full-time" is considered 2,080 hours or more worked per year.


Number of firefighters

21

What are the anticipated annual costs per position, per year? Annual costs include the base salary (exclusive of non-FLSA overtime) and the standard benefits package (including the average health cost, dental, vision, FICA, life insurance, retirement/pension, etc.) offered by the fire department. To get the "average" health care costs, average the annual cost among various health insurance plans offered (i.e., self only, family, etc). Do not use figures that assume all employees will select self or family coverage.

Year	Annual Salary	Annual Benefits	Total per firefighter
1	126925.00	74805.00	\$201,730.00
Year	Annual Salary	Annual Benefits	Total per firefighter
2	132001.00	76675.00	\$208,676.00
Year	Annual Salary	Annual Benefits	Total per firefighter
3	137282.00	78592.00	\$215,874.00
3 YEAR TOTAL	\$13,151,880.00		

Grant request summary

Is your proposed project limited to one or more of the [following activities](#)  : Planning and development of policies or processes. Management, administrative, or personnel actions. Classroom-based training. Acquisition of mobile and portable equipment (not involving installation) on or in a building.

Yes

Budget summary

Budget summary

Object class categories	Year 1	Year 2	Year 3	Total
Personnel	\$2,665,425.00	\$2,772,021.00	\$2,882,922.00	\$8,320,368.00
Fringe benefits	\$1,570,905.00	\$1,610,175.00	\$1,650,432.00	\$4,831,512.00
Travel	\$0.00	\$0.00	\$0.00	\$0.00
Equipment	\$0.00	\$0.00	\$0.00	\$0.00
Supplies	\$0.00	\$0.00	\$0.00	\$0.00
Contractual	\$0.00	\$0.00	\$0.00	\$0.00
Construction	\$0.00	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00	\$0.00
Total direct charges	\$4,236,330.00	\$4,382,196.00	\$4,533,354.00	\$13,151,880.00
Indirect charges	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL	\$4,236,330.00	\$4,382,196.00	\$4,533,354.00	\$13,151,880.00
Non-federal resources				
Applicant				\$0.00
State				\$0.00
Other sources				\$0.00
Remarks				
Total Federal and Non-federal resources				

Object class categories	Year 1	Year 2	Year 3	Total
Federal resources	\$4,236,330.00	\$4,382,196.00	\$4,533,354.00	\$13,151,880.00
Non-federal resources	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL	\$4,236,330.00	\$4,382,196.00	\$4,533,354.00	\$13,151,880.00
Program income				\$0.00

Contact information

Did any individual or organization assist with the development, preparation, or review of the application to include drafting or writing the narrative and budget, whether that person, entity, or agent is compensated or not and whether the assistance took place prior to submitting the application?

Yes

Application participants

Please add all individuals or organizations who assisted with the application.

Include all individuals or organizations who assisted with the development, preparation, or review of the application to include drafting or writing the narrative and budget, whether that person, entity, or agent is compensated or not and whether the assistance took place prior to submitting the application or not.

Jaimie Lewis	Primary phone REDACTED	Mailing address REDACTED
REDACTED	Fax REDACTED	

Secondary point of contact

Please provide a secondary point of contact for this grant.

The Authorized Organization Representative (AOR) who submits the application will be identified as the primary point of contact for the grant. Please provide one secondary point of contact for this grant below. The secondary contact can be members of the fire department or organizations applying for the grant that will see the grant through completion, are familiar with the grant application, and have the authority to make decisions on and to

act upon this grant application. The secondary point of contact can also be an individual who assisted with the development, preparation, or review of the application.

Nidia Vargas Administrative Supervisor REDACTED	Primary phone REDACTED Fax REDACTED	Additional phones REDACTED
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Assurance and certifications

OMB number: 4040-0007, Expiration date: 02/28/2022 [View burden statement](#)

SF-424B: Assurances - Non-Construction Programs

OMB Number: 4040-0007

Expiration Date: 02/28/2022

Certain of these assurances may not be applicable to your project or program. If you have any questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).

6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to:
(a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee- 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.

15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
19. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

Certifications regarding lobbying

OMB Number: 4040-0013

Expiration Date: 02/28/2022

Certification for Contracts, Grants, Loans, and Cooperative Agreements

The undersigned certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.
3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions. Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

OMB number: 4040-0013, Expiration date: 02/28/2022 [View burden statement](#)

SF-LLL: Disclosure of Lobbying Activities

OMB Number: 4040-0013

Expiration Date: 02/28/2022

Complete only if the applicant is required to do so by 44 C.F.R. part 18. Generally disclosure is required when applying for a grant of more than \$100,000 and if any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions. Further, the recipient shall file a disclosure form at the end of each calendar quarter in which there occurs any event described in 44 C.F.R. § 18.110(c) that requires disclosure or that materially affects the accuracy of the information contained in any disclosure form previously filed by the applicant.

The applicant is not currently required to submit the SF-LLL.

Notice of funding opportunity

I certify that the applicant organization has consulted the appropriate Notice of Funding Opportunity and that all requested activities are programmatically allowable, technically feasible, and can be completed within the award's Period of Performance (POP).

Equal Opportunity Hiring

By signing this application, I certify that the organization will, to the extent practicable, seek, recruit, and hire members of racial and ethnic minority groups and women to increase their ranks within our organization.

By signing this application, I certify that, if awarded under the Hiring of Firefighters Activity, the organization assures a policy will be put into place, or is currently in place, ensuring that positions filled under this grant are not discriminated against, or prohibited from, engaging in volunteer firefighting activities in another jurisdiction during off-duty hours.

Accuracy of application

I certify that I represent the organization applying for this grant and have reviewed and confirmed the accuracy of all application information submitted. Regardless of intent, the submission of information that is false or misleading may result in actions by FEMA that include, but are not limited to: the submitted application not being considered for award, enforcement actions taken against an existing award pending investigation or review, or referral to the DHS Office of Inspector General.

Authorized Organizational Representative for the grant

By signing this application, I certify that I understand that inputting my password below signifies that I am the identified Authorized Organization Representative for this grant. Further, I understand that this electronic signature shall bind the organization as if the application were physically signed and filed.

Authorization to submit application on behalf of applicant organization

By signing this application, I certify that I am either an employee or official of the applicant organization and am authorized to submit this application on behalf of my organization; or, if I am not an employee or official of the applicant organization, I certify that the applicant organization is aware I am submitting this application on its behalf, that I have written authorization from the applicant organization to submit this application on their behalf, and that I have provided contact information for an employee or official of the applicant organization in addition to my contact information.