

City of Brisbane Agenda Report

TO: Honorable Mayor and City Council

FROM: Director of Office of Emergency Services via City Manager

SUBJECT: Consideration of Supplemental Emergency Management Funding

DATE: September 21, 2009

City Council Goals:

To provide public service that assures the safety of property and citizens residing, working, or visiting in Brisbane. (#9)

Purpose:

To respond to the community's values regarding safety; anticipating and preparing for incidents.

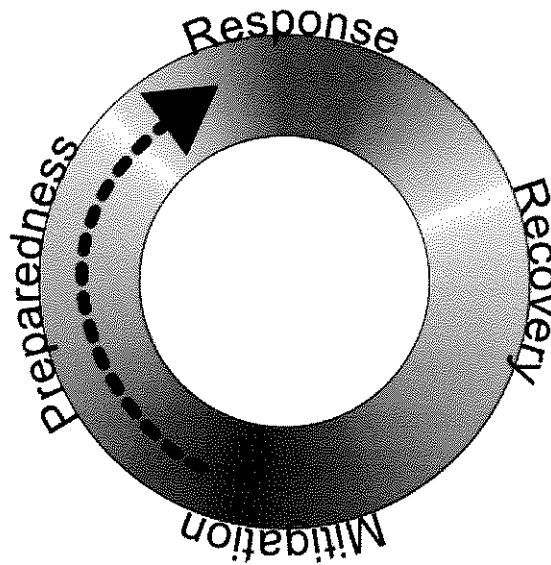
Recommendation:

Review the two "Preparedness phase" supplemental projects staff has recommended for further development, and provide any guidance deemed necessary for staff to finalize projects for future funding consideration.

Background:

During City Council's budget deliberations in May 2009, several Council Members asked the Director of OES to develop a list of supplemental emergency management projects for Council's future consideration.

As shown on the following graphic, the process of emergency management is generally considered as having four phases. During Mitigation, long-term measures are employed to attempt to prevent future disasters from happening, or to reduce the effects of the disaster if it occurs. In the Preparedness phase, the city develops action plans, trains and exercises its employees and action plans, stockpiles disaster supplies, and develops trained volunteer organizations such as the Community Emergency Volunteers. The Response phase includes the deployment of public safety personnel and first responders into the disaster area. Once immediate needs have been addressed, the Recovery phase will begin, and the city's focus will be on restoring the affected area to its previous state.



Staff is currently working on a city Disaster Recovery Plan, and is not considering recommending or requesting supplemental funding or projects for this phase until after that document has been completed. The City's OES has adequate funding for current work efforts related to its involvement in the Response phase (esp. the development of an alternate Emergency Operations Center) and similarly, is not requesting supplemental funds in this phase.¹

Projects which might be considered for the Mitigation phase are detailed in an attachment to this staff report. They range in cost from \$200,000 to over \$2,000,000. Due to the high project costs, and the fact that all of the projects except for Emergency Fuel Supply are for enterprise funds, staff is not recommending these projects for consideration for supplemental emergency management funding.

Staff is recommending two Preparedness phase projects for the Council's consideration; the procurement of "cot trailers" similar to those maintained by the Red Cross, and development/delivery of a family readiness class. (Additional detail on both recommended Preparedness phase projects can be found in the attachment to this staff report.)

Discussion:

Assisting the public in their efforts to prepare for disasters has the greatest opportunity for a high benefit/cost ratio, yet may also be the project that has the most inertia to overcome. Citizens who have prepared for a disaster do not create an additional demand on an emergency response system that will be tasked many times beyond its immediate resources; the challenge will be to engage the citizens now, and provide them high-value training and resources which will leave them better prepared, not with a major list of independent tasks necessary to complete their preparation.

¹ (Note: OES is a clearly distinct operation from Fire and Police; this staff report does not consider supplemental funding requests from those departments in any of the four phases.)

The two projects (cot trailers, family readiness class) recommended by staff for further development go hand-in-hand; we can not reasonably expect to have 100% of our population fully-prepared, and we know that the Bay Area Red Cross has a total of three 100-person trailers in San Mateo County. Purchasing three of our own outfitted trailers for \$30,200 allows the city to shelter 10% of the nighttime population in our three designated shelters.

The wide range in costs (\$25,000-\$100,000) for development of the family readiness class for approximately 2,000 households reflects the range in “supplies” that could be provided. On the low end, staff would simply hand out necessary forms, explain their purpose, and guide citizens through their completion. On the high end, the city could provide individual kits to each family that attends a class. Frankly, staff expects that some “giveaway” will be necessary to attract the largest number of attendees, but staff does not recommend providing a \$50 kit to every family.

Also included in the cost to develop this class is the addition of 9-hours/week to a staff member currently working 12-hours/week for OES, 16-hours/week for Planning, and 3-hours/week for DPW. In addition to working on and participating in delivery of the family class, this ongoing resource availability would work on the myriad of emergency management and multi-hazard mitigations strategies that presently remain unaddressed.

Fiscal Impact:


The intent of this staff report is to obtain direction from Council regarding OES projects that should be developed as candidates for additional funding. Estimates for the candidate projects have been provided; identification of the revenue sources will be made when staff returns to Council with final details on selected projects.

Measure of Success

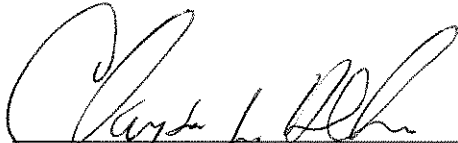
Assuming that staff’s recommendations are accepted for further development, measures of success would include procurement of the three trailers, and obtaining a specified percentage of families participating in the readiness class.

Attachments:

Mitigation Phase Candidate Projects
Preparedness Phase Candidate Projects



Director of Office of Emergency Services



City Manager

Mitigation Phase Candidate Projects

Project	Description	Purpose	Cost
Emergency Fuel Supply/Propane Trap wagons	Construction and procurement for capability to deliver 2,000 gallons ethanol and 2,000 gallons diesel; procurement two 1,000 gallons mobile propane tanks	This project would mitigate the fact that the city has no local storage for gasoline or diesel for its vehicles (and standby generators), and provides necessary fuel for the Valley Drive Lift Station standby generator	\$200,000
Underground 8" Bayshore Boulevard Force Main (line from Valley Drive Lift Station)	Place the current aboveground 8" line in a trench.	This line was placed as a "temporary" measure in 2003 prior to upgrades to VDLS. Its exposure to 6 years of sunlight may make it more vulnerable to damage during seismic events	\$450,000
Upper Brisbane Pressure Zone (2)	Replace water mains on San Bruno Avenue and Trinity Road	Increase fire flow to upper elevations on San Bruno Ave and Trinity Rd	\$955,000
Upper Brisbane Pressure Zone (1)	Install new Pressure Reducing Valve and fire mains on Annis (Lines F, G, H, I, J from Water Master Plan	Increase fire flow capacity to Kings Rd, Paul Ave, Harold Rd, and to Thomas Rd & Joy Ave apartments	\$2,104,000

Preparedness Phase Candidate Projects

Project	Description	Purpose	Cost
Purchase cot trailer	Obtain 3 trailers (one for each designated shelter) with basic supplies for 100 people.	Bay Area Red Cross currently has 3 such trailers in San Mateo County. Obtaining our own would guarantee our access to them during a major disaster, and would provide shelter for approx. 10% of the population.	\$30,200
Develop and deliver family readiness class	Prepare a 1-time class that could be taught after-hours in city facilities or in homes (for a minimum number of families) that would walk citizens through the steps of preparing themselves for the aftermath of a disaster.	Individual preparedness is the keystone to disaster preparedness – there will <u>not</u> be enough emergency responders to provide the great majority of citizens with the “911” speed of response to which they have become accustomed. The goal is to develop a class where citizens walk away with the great majority of their individual planning completed.	<p style="text-align: center;">\$25,000-\$100,000 (this one-time cost depends on the quantity of supplies that would be provided to attendees)</p> <p style="text-align: center;">\$15,200/year (this is an ongoing cost representing an additional 9 hours per week of labor for an OES administrative asst.)</p>