Ironspell Shore Emergency Deployment Charter

PROJECT TITLE: Creation of Disaster Control and Emergency Response Team

PROJECT START / END DATES – 9/1/2022 – Ongoing

PROJECT MANAGER: Andrew Ladrido (814)470-0539, [aladrido14@southhills.edu](mailto:aladrido14@southhills.edu)

ROLES AND RESPONSIBILITIES:

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Response Team - 9314774747

BUDGET INFORMATION:

No Declared Starting Budget.

TEAM RESOURCES :

Transportation:

3 NEW 2022 Toyota Tundra Trucks ($35,950)

Helicopter? ($2034613)

Kayaks

Office:

Office Rental = 15000 / YEAR, 1500sqft, 10$ per sqft

Tools:

Bags, Bolt / Cable Cutters, Flashlights, Crowbar, Knife, Gloves, Strapping Rope, Seat Belt Cutter, Face Masks, Notepad / Pen

Supplies:

Extra Water, Warming Blankets, First Aid, Food

COMMUNITY RESOURCES:

Emergency Kit: TOTAL = $28.18 x 35000 = $986,300 FOR ALL KITS

- 3 Gallons Of Water (1 per day per person) for drinking and sanitation ($3.24)

- Food Supply (3 day supply of non-perishable) (6 packs of trail mix) ($1.43)

- Hand-Crank Radio, With Disaster Emergency Response Manual (Station Manual) ($7.89)

- Hand-Crank Flashlight ($2.66)

- First Aid Kit (Gauze Pads, Bandages, Plastic Scalpel, Neosporin, Eyewash Solution) ($10)

- Dust Mask x 2 ($.46)

- Local Map ($2)

- Plastic Whistle ($.5)

**Water Supply ($8244)** –

40CT Water Pack (4.58$), 2 waters per person during final supply distribution

70000 water bottles / 40 waters in a pack = 1750 packs of water rounded up 50 for extra supply = 1800 PACKS OF WATER NEEDED FOR FINAL SUPPLY (1800 \* 4.58 = 8244$ toward final water supply distribution)

**Food Supply** ($41,944)– 18CT NUT PACK (4.28) 5 packs of trail mix per person during final distribution

175000 nut packs / 18 packs in a box = 9,723 boxes needed rounded up to 9800 BOXES OF NUTS NEEDED FOR FINAL SUPPLY ( 9800 Boxes \* 4.28$ = 41,944$ toward final food supply distribution

FINAL SUPPLY DISTRIBUTION COST – TOTAL COST $50188 (2 WATERS, 5 PACKS FOOD) FOR PUBLIC

EMERGENCY KITS – $986300 FOR 35000 EMERGENCY KITS

OFFICE RENTAL – $15000 / YR

TRANSPORTATION - $107,850 FOR 3 NEW TRUCKS, $2034613 FOR HELICOPTER

PROJECT OBJECTIVES:

Assemble a Mobile Emergency Deployment Division tasked with:

1. Keeping the town safe prior & during the disaster
2. Declaring and conveying the emergency at hand
3. Creating a communication plan if power fails
4. Hosting Medical / Triage Facilities
5. Proving Food and Supplies to the public
6. Aid in disaster clean-up efforts

Create a Deployment Readiness Plan to deploy emer8gency personnel to aid the community. (Fire / Police / Hospital Deployment)

MAIN SUCCESS CRITERION – Assemble an effective, Emergency deployment team that will help the community through the disaster. The team will be able to communicate effectively to control the disaster and aid the public to safety. We will also create a disaster action plan that will specify the deployment and actions of emergency personnel such as the Fire and Police Department as well as hospital triage and admittance.

APPROACH:

**Before Disaster Occurs**

1. Declare Natural Disasters That Occur In The Area

2. Identify Emergency Personnel (Fire / Police / Hospitals) In The Area

2. Identify effective personnel that meet the requirements to join the Emergency Deployment Division

- Announce the creation of the team, wait for applicants Interview

- Scout Potential Recruits, Invite to Interview

- Visit Local Emergency Service Offices with team information, Interview those interested

3. Assemble Emergency Deployment Team

4. Creation Of Emergency Supply Kit (1 per person, 35000 persons) Which Includes

- 3 Gallons Of Water (1 per day per person) for drinking and sanitation ($3.24)

- Food Supply (3 day supply of non-perishable) (6 packs of trail mix) ($1.43)

- Hand-Crank Radio, With Disaster Emergency Response Manual (Station Manual) ($7.89)

- Hand-Crank Flashlight ($2.66)

- First Aid Kit (Gauze Pads, Bandages, Plastic Scalpel, Neosporin, Eyewash Solution) ($10)

- Dust Mask x 2 ($.46)

- Local Map ($2)

- Plastic Whistle ($.5)

5. Declare Zones For the Local Area (example – beachfront, zone 1)

6. Declare Local Safe Havens for community

7. Create Ideal Emergency Action Plan to deploy Disaster Division in the local area

- What Team Members will cover which zones?

- How will we account for the population of the shorefront affected?

- How will the emergency kits be distributed? How do we ensure each member of the population acquires one?

- How will we secure infrastructure foundation during disaster?

- How will our emergency response teams aid in the clean up of the disaster?

8. Pack Trucks With Emergency Kits To Supply To Public

9. Create Emergency Personnel Response Team to aid Disaster Division in ensuring public safety.

10. Zone Clean Up, Which Zones are most essential to be up and running ASAP?

**During The Disaster**

1. Define What Members of the Disaster Division will cover which zones
2. Deploy Disaster Division
3. Contact Local Emergency Personnel, Initiate Deployment Plan, Ensure Deployment
4. Send Off of Supply Kit Trucks to Local Safe havens
5. Ensure Supplies Are Received By The Public
6. Monitoring the disaster, where is it moving? When will it finish?
7. Frequent Safety Broadcasts to protect civilians from danger.
8. Disaster Division Watches and Aids over community until disaster is finished

**After The Disaster**

1. Declare the end of the disaster
2. Finalize attending to immediate emergency response calls
3. Account for all civilians
4. Start missing persons searches if necessary
5. Aid in Disaster clean-up, community check-ins, extra resource distribution
6. Rebuild Local Infrastructure in order of importance

* Hospitals, Schools, Legal Offices, Markets etc.

1. 1 month community check-in

SIGN OFF:

ANDREW LADRIDO – PROJECT MANAGER, LEAD

ADAM BARRON – TEAM COORDINATIOR

ANTHONY ELLIOTT – INFORMATION SPECIALIST

COMMENTS:

MILESTONES IN ORDER –

1. Declaration and creation of the Disaster Division and Disaster Division Headquarters
   * Creation of the office, Assembling of the team, assigning team responsibilities,
   * purchasing of team resources
2. Identify Natural Disasters That Occur in the area, Iron spell Zone Declaration, Emergency Response Personnel Identification
   * Identify Natural Disasters that occur in the Iron Spell Location.
   * Define Zones within Iron Spell Shorefront For Efficient Relief.
   * Define Local Emergency Personnel To Assist Disaster Division In Recovery Aid
3. Purchase of Mass Resources Needed To Provide To Community
   * Purchasing of Water and Food Supply For Safe Haven Distribution
   * Purchasing of Required Resources For Emergency Aid Kid
   * Purchasing of essential human resources for immediate relief plan
4. Declaration of Emergency Response Plan
   * What Teams of the Disaster Division will cover which zones during immediate disaster response
   * What emergency personnel will be called to deploy and in which order
   * Declaration of stages of the disaster (before during and after)
   * Declare Local Safe Havens For Public Assistance
   * Package emergency kits to be delivered to community, create radio manual
   * Food and Water Distribution Plans at Safe Havens