

PA-02-NY-1869-PW-00079(0) <u>P</u>	
Applicant Name: SUFFOLK (COUNTY) / DEPT. OF PARKS/RECREATION	Application Title: SCPKS-06 County Sand Fence
Period of Performance Start: 12-31-2009	Period of Performance End: 12-31-2012

Bundle Reference # (Amendment #) PA-02-NY-1869-State-0010(9)	Date Awarded 08-18-2010
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Subgrant Application - FEMA Form 90-91

Note: The Effective Cost Share for this application is 75%

FEDERAL EMERGENCY MANAGEMENT AGENCY PROJECT WORKSHEET					
DISASTER		PROJECT NO.	PA ID NO.	DATE	CATEGORY
FEMA	1869 - DR -NY	SCPKS06	103-99103-03	03-19-2010	G
APPLICANT: SUFFOLK (COUNTY) / DEPT. OF PARKS/RECREATION			WORK COMPLETE AS OF: 02-04-2010 : 0 %		
Site 1 of 1					
DAMAGED FACILITY: Sand Fence and Posts			COUNTY: Suffolk		
LOCATION: PA-02-NY-1869-PW-00079(0): Smith Point/Meschutt Beach, Suffolk, NY.			LATITUDE: 40.89458 40.89538 40.74431 40.75715	LONGITUDE: -72.49572 -72.50224 -72.82793 -72.78292	
DAMAGE DESCRIPTION AND DIMENSIONS: PA-02-NY-1869-PW-00079(0): Storm surge and surf action during the incident period beginning November 12, 2009 resulted in wood sand fence and metal posts being damaged beyond salvage. There was 13,200 running LF at Smith Point Beach and 1,850 running LF at Meschutt Beach. The sand fence and metal posts run in a zig zag pattern and the purpose is to provide erosion control. At Smith Point Beach, the beginning GPS is (40.74431/-72.82793) and the ending GPS is (40.75715/-72.78292). At Meschutt Beach, the beginning GPS is (40.89538/-72.50224) and the ending GPS is (40.89458/-72.49572).					
SCOPE OF WORK: PA-02-NY-1869-PW-00079(0): WORK TO BE COMPLETED: The applicant plans to utilize force account labor, equipment and material to place (26,400 LF zig zag pattern) 13,200 running LF of sand fence and posts at Smith Point Beach and (3,700 LF zig zag pattern) 1,850 running LF of sand fence and posts at Meschutt Beach. (Total LF at both sites is 30,100 LF zig zag pattern). The applicant will be required to provide monitoring for endangered species during fence installation. This work will return the facilities to their pre-disaster design, function and capacity. Hazard Mitigation was discussed with the applicant and none could be identified. The cost of the placement of the sand fence and posts is based on RS Means, FEMA equipment costs, the average hourly rate of pay for Suffolk County Parks Department Field Employees and the actual cost of the material. NARRATIVE OF PLACEMENT OF SAND FENCE WITH CEDAR WOOD POSTS The applicant typically places 20LF of zig zag pattern fence per 10 running LF of beach. According to RS Means, typical fence installation productivity for (3) three employees is 500 LF per (8) eight hour day. The applicant has to install 30,100 LF of fence. Therefore, 30,100/500 = 60.2 days at(8) eight hours per day equals					

481.6 hours. The average hourly rate of pay with benefits for the Suffolk County Parks Department is \$33.05/HR. The applicant will utilize a pickup truck and a farm type tractor to assist in the installation. There are (2) two posts per 10 LF of fence zig zag pattern with an additional post at each end. There are (5) fence ties per post. Equipment – One 1 Ton Pickup Truck (8802) - 481.6 HRS @ \$ 25/HR) = \$12,040.00 Labor – One Employee (Operate Pickup Truck) - 481.6 HRS @ \$ 33.05/HR) = \$15,916.88 Equipment – One Farm Type Tractor (8401) - 481.6 HRS @ \$ 25/HR) = \$12,040.00 Labor – One employee (Operate Tractor) - 481.6 HRS @ \$ 33.05/HR = \$15,916.88 Labor - One employee (Laborer) - 481.6 HRS @ \$ 33.05/HR = \$15,916.88 Material - Posts - 3,014 @ \$ 5.64/EA = \$16,998.96 Material - Sand Fence - 30,100/LF @ \$.74/LF = \$22,274.00 Material - Fence Ties - 15,070 @ \$0.02/EA= \$301.40 Therefore, total cost to place 30,100 LF of sand fence with wood cedar posts is \$111,405.00 The applicant has been advised that all permits and approvals from all regulatory agencies must be obtained before beginning the replacement of the sand fence and posts. The subgrantee is requesting Direct Administrative Costs that are directly chargeable to this specific project. Associated eligible work is related to administration of this Public Assistance project only and in accordance with 44 CFR – 13.22. These costs are treated consistently and uniformly as direct cost in all Federal awards and other sub grantee activities and are not included in any approved indirect cost rates.

Does the Scope of Work change the pre-disaster conditions at the site? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Special Considerations included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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Hazard Mitigation proposal included? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Is there insurance coverage on this facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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PROJECT COST					
ITEM	CODE	NARRATIVE	QUANTITY/UNIT	UNIT PRICE	COST
1	0000	Work to be Completed	0/LS	\$ 0.00	\$ 0.00
2	9000	CEF Cost Estimate (See Attached Spreadsheet)	1/LS	\$ 168,451.00	\$ 168,451.00
3	9901	Direct Administrative Costs (Subgrantee)	1/LS	\$ 1,312.00	\$ 1,312.00
				TOTAL COST	\$ 169,763.00
PREPARED BY Robert Lynn		TITLE FEMA Project Specialist		SIGNATURE	
APPLICANT REP. John W Pavacic		TITLE Commissioner		SIGNATURE	