

# PROJECT WORKSHEET REPORT

DECLARATION NO. FEMA-LA - DR1603

PREPARED DATE 07/22/2010

FIPS NO. 033-UA9M2-00

REPORT DATE 09/08/2010 15:52

APPLICANT NAME RECOVERY SCHOOL DISTRICT

INF TYPE  INF  
 NON-INF  
 REC

SUBDIVISION

FEMA PW # 19166 VSN 0 REF# AP982

CATEGORY E. Public Buildings COUNTY E. BATON ROUGE FUNDING OPTION COST SHARE 1

STD PROJECT NO. 599 PROJECT TITLE PUBLIC BUILDINGS AND FACILITIES

PROJECTED CMLPTN DT 02/28/2007 ACTUAL CMLPTN DT WORK COMPLETE AS OF 07/22/2010 : 0 %

ELIGIBILITY Yes AMOUNT ELIG \$1,082,512,124.16 FEDERAL SHARE \$1,082,512,124.16 PRIORITY Normal

BEGIN DESIGN DT BEGIN CONSTR DT

### PW REVIEWER DATA

END DESIGN DT END CONSTR DT

REVIEWER NAME DATE

PREPARER KEVIN I. SNYDER

INITIAL REVIEW KELLER,DYANNE 08/31/2010

ROLE PO DATA SOURCE

FINAL REVIEW KELLER,DYANNE 08/31/2010

STATE

MT PROP  Yes  No

VALIDATED  Yes  No

DATE OBLGTD 09/01/2010 PACKAGE DATE 09/01/2010

PNP QUESTIONS  Yes  No

STATE RVWD  Yes  No

PACKAGE ID 1489

ATTACH  Yes  No

Does the Scope of Work change the pre-disaster conditions at the site?  Yes  No  Unsure

Special Considerations issues included?  Yes  No  Unsure

Is there insurance coverage on this facility?  Yes  No  Unsure

Hazard Mitigation proposal included?  Yes  No  Unsure

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SITE NUMBER 1 of 20

FACILITY NAME RECOVERY SCHOOL DISTRICT FACILITIES

Latitude 29.97042

ADDRESS 1641 POLAND AVE

Longitude -90.0297

CITY NEW ORLEANS

STATE LA ZIP 70117

Was this site previously damaged?  Yes  No  Unsure

SITE NUMBER 1 - LOCATION

1641 POLAND AVE., NEW ORLEANS, LA 70117

## SITE NUMBER 1 - DAMAGE DIMENSIONS AND DESCRIPTION

REVISION 1 TO 19166 V0

HURRICANE KATRINA DAMAGED EDUCATIONAL FACILITIES THROUGHOUT ORLEANS PARISH WITH HIGH WINDS, STRONG STORM SURGE, AND FLOODING. HUNDREDS OF NEW ORLEANS PUBLIC SCHOOL (NOPS) SYSTEM BUILDINGS WERE DAMAGED BY A COMBINATION OF HIGH WINDS, DRIVING RAINS AND FLOODING THAT WAS NOT PUMPED OUT OF THE CITY FOR APPROXIMATELY THREE WEEKS. THE RESULTING DAMAGE TO FACILITIES WAS CATASTROPHIC, AND EVACUATION OF HUNDREDS OF THOUSANDS OF CITY RESIDENTS, LOSS OF CITY REVENUE AND CONSEQUENT LAY-OFFS OF 7,000+ EDUCATORS AND SCHOOL STAFF UNDERMINED THE INTEGRITY OF THE NOPS SYSTEM ADMINISTERED, AT THE TIME OF THE STORM, BY THE ORLEANS PARISH SCHOOL BOARD (OPSB). OVER ONE-THOUSAND PROJECT WORKSHEETS (PWS) HAVE DOCUMENTED DAMAGES AND OBLIGATED FUNDING FOR THE NEW ORLEANS PUBLIC SCHOOLS (NOPS). FOUR-HUNDRED THIRTY-EIGHT (438) NOPS BUILDINGS IN USE AT THE TIME OF THE STORM, COMPRISING MORE THAN 8 MILLION SQUARE FEET, SUSTAINED ELIGIBLE STORM-RELATED DAMAGE.

ON NOVEMBER 30, 2005 THE LA STATE LEGISLATURE PASSED ACT 35 (ATTACHMENT 29), ACTIVATING THE RECOVERY SCHOOL DISTRICT (RSD) AS PART OF THE LOUISIANA DEPARTMENT OF EDUCATION (LDOE) AND AUTHORIZING RSD TO ASSUME ACADEMIC CONTROL OF SCHOOLS IDENTIFIED BY THE STATE'S COMPREHENSIVE CURRICULUM'S STANDARDS AS "FAILING". THE SUBSEQUENT ACT 455, AUTHORIZED THE RSD TO ASSUME THE RIGHTS AND RESPONSIBILITIES OF OWNERSHIP ON ALL SCHOOLS AND SCHOOL FACILITIES OPERATING WITHIN ITS ACADEMIC CONTROL. AS A RESULT, THE RSD ASSUMED LEGAL RESPONSIBILITY FOR 107 OF THE ORIGINAL 134 NOPS SCHOOL CAMPUSES, INVOLVING 341 FEMA PUBLIC ASSISTANCE (PA) ELIGIBLE BUILDINGS.

SCHOOLS IDENTIFIED BY LDOE AS MEETING ACADEMIC PERFORMANCE STANDARDS, AND THE ASSOCIATED NOPS EDUCATIONAL AND ADMINISTRATIVE AND OPERATIONAL FACILITIES, REMAINED THE LEGAL RESPONSIBILITY OF THE ORLEANS PARISH SCHOOL BOARD (OPSB). ON JUNE 15, 2006, THE RSD BECAME AN ELIGIBLE FEMA PUBLIC ASSISTANCE (PA) APPLICANT. AS SUCH, THE DAMAGED EDUCATIONAL FACILITIES IN

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## SITE NUMBER 1 - DAMAGE DIMENSIONS AND DESCRIPTION

CLUDED IN THIS PROJECT WORKSHEET (PW) ARE CURRENTLY THE RESPONSIBILITY OF THE RSD (A SEPARATE PW WILL CAPTURE DAMAGES FOR THOSE SCHOOLS THAT ARE STILL THE RESPONSIBILITY OF OPSB).

THE RSD HAS REQUESTED AN ALTERNATE PROJECT PURSUANT TO SECTION 552 OF THE CONSOLIDATED APPROPRIATIONS ACT, 2008. IN AN AGREEMENT BETWEEN FEMA, THE STATE OF LOUISIANA AND ITS GOVERNOR'S OFFICE OF HOMELAND SECURITY (GOHSEP), AND THE APPLICANT, THE STATE OF LOUISIANA IS THE GRANTEE AND THE RSD IS THE SUB-GRANTEE FOR THE PURPOSES OF THIS PW. THIS ALTERNATE PROJECT PROPOSES TO UTILIZE FEMA FUNDING FROM NUMEROUS FACILITIES DAMAGED BY THE STORM FOR THE REPAIR AND RECONSTRUCTION OF THE NOPS EDUCATIONAL SYSTEM SCALED TO POST-KATRINA NEW ORLEANS AND IN COMPLIANCE WITH TODAY'S CODES AND PREVAILING EDUCATION STANDARDS.

## SITE NUMBER 1 - SCOPE OF WORK

WORK TO BE COMPLETED:

### INTRODUCTION

SECTION 552 OF THE CONSOLIDATED APPROPRIATIONS ACT, 2008 (ATTACHMENT 1) ALLOWS LOCAL EDUCATIONAL AGENCIES IMPACTED BY HURRICANES KATRINA AND RITA TO REQUEST A SINGLE PAYMENT FOR ANY ELIGIBLE COSTS. THE LEGISLATION STIPULATES PAYMENTS FOR ELIGIBLE, STORM-RELATED DAMAGES WITHIN 30 DAYS OF THE COMPLETION OF APPLICABLE REVIEW PROCESSES AND THE SUBSEQUENT APPROVAL OF SUCH A REQUEST. ON NOVEMBER 24, 2009, THE RSD AND OPSB SUBMITTED INDIVIDUAL REQUESTS UNDER THE GUISE OF SECTION 552 (THE RSD REQUEST LETTER IS PROVIDED AS ATTACHMENT 2). IN COMBINATION, THESE TWO SEPARATE REQUESTS TOTAL APPROXIMATELY \$2.01 BILLION (EACH APPLICANT HAS REQUESTED A SEPARATE PW IN RESPONSE TO ITS REQUEST).

THE REQUEST WHICH IS SUMMARIZED IN THE PRESENTATION PROVIDED AS ATTACHMENT 3 AGGREGATES ELIGIBLE FUNDING FOR PERMANENT REPAIR OR REPLACEMENT WORK EXCLUSIVE OF DEMOLITIONS OF REPLACEMENT FACILITIES (WHICH WILL REMAIN WITH THE ORIGINAL, CONTRIBUTING PWS). IT PROVIDES ELIGIBLE FUNDS FOR INCREASED CODES AND STANDARDS REQUIREMENTS, AMERICANS WITH DISABILITIES ACT (ADA) UPGRADES, COST ESCALATION, ARCHITECTURE AND ENGINEERING FEES, AND PROJECT MANAGEMENT FEES.

INCLUDED AS PART OF THE NOPS REQUEST IS UP TO \$330 MILLION OF ADDITIONAL CRITICAL RECOVERY COSTS (SEE SLIDE 41 OF ATTACHMENT 3) WHICH INCLUDES FUNDING FOR CONTENTS AND EQUIPMENT, TEMPORARY FACILITIES, OR OTHER EMERGENCY WORK. THE ADDITIONAL CRITICAL RECOVERY COSTS WILL BE ADDRESSED IN SEPARATE PWS WRITTEN FOR RSD AND OPSB. THESE ADDITIONAL COSTS SUPPORT ELIGIBLE WORK WITHIN THE PA PROGRAM.

THE RSD AND OPSB DO NOT INTEND TO REPAIR OR REPLACE ALL OF THEIR FACILITIES TO THE PRE-STORM CONFIGURATION DUE TO THE MAGNITUDE OF DAMAGES ON NOPS FACILITIES AND THE APPLICANTS' COMMITMENT TO DEVELOP A MID-SIZED, URBAN SCHOOL DISTRICT THAT MEETS THE NEEDS OF POST-KATRINA NEW ORLEANS. ACCORDING TO THEIR REQUESTS, AND SUBSEQUENT DISCUSSION WITH FEMA AND THE STATE OF LOUISIANA, THE RSD AND OPSB

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OTH WANT TO EXERCISE AN ALTERNATE PROJECT FUNDING OPTION, APPLYING PA-ELIGIBLE FUNDING FROM THEIR DAMAGED FACILITIES IN USE AT THE TIME OF THE STORM. IN SUPPORT OF LONG-TERM RECOVERY, RSD AND OPSB INTEND TO DEVELOP A CONSOLIDATED NOPS OF 87 SCHOOL CAMPUSES AS DESCRIBED IN THE SCHOOL FACILITIES MASTER PLAN FOR ORLEANS PARISH (MP), ADOPTED IN OCTOBER 2008 BY THE ORLEANS PARISH SCHOOL BOARD (OPSB) AND NOVEMBER 2008 BY THE LOUISIANA BOARD OF ELEMENTARY AND SECONDARY EDUCATION (BESE) (ATTACHMENTS 4 & 5). THE MASTER PLAN WILL BE UPDATED AS REPOPULATION PROJECTIONS AND OTHER CONSIDERATIONS SUCH AS FACILITY CONDITION ASSESSMENTS ARE REFINED AND BEST PRACTICES ARE INCORPORATED. THIS WILL INVOLVE BUILDING NEW SCHOOLS AND REHABILITATING, RENOVATING, AND EXPANDING EXISTING BUILDINGS. AS SUCH, THE PROPOSED NEW SCHOOLS DO NOT REPRESENT REPLACEMENT ON A ONE-TO-ONE BASIS.

FROM THE DATE OF THE DISASTER EVENT THROUGH THE COMPLETION OF THE MASTER PLAN, REPAIRING AND STABILIZING FACILITIES IS INCLUDED IN THIS ALTERNATE PROJECT IN ORDER TO ENSURE THE AVAILABILITY OF SEATS FOR RETURNING STUDENTS IN SAFE, CODE-COMPLIANT CONDITIONS. IN ADDITION, THE APPLICANT IS UNDERTAKING THE DEMOLITION OF SOME SCHOOL FACILITIES TO REMOVE BLIGHT FROM COMMUNITIES AND MOTHBALLING OTHER DISASTER-DAMAGED BUILDINGS USING STANDARDS WITHIN THE SECRETARY OF INTERIOR PRESERVATION BRIEF #31 (ATTACHMENT 28).

IN RESPONSE TO THE APPLICANT'S ALTERNATE PROJECT REQUEST, THIS PW IS THE FIRST VERSION IN A SERIES OF VERSIONS THAT UTILIZES CAPPED FUNDING FROM SEVERAL TYPES OF CONTRIBUTING BUILDINGS LOCATED THROUGHOUT ORLEANS PARISH. THIS PW INCLUDES CONTRIBUTING FUNDING FROM THE FOLLOWING TYPES OF BUILDINGS:

- 143 BRICKS AND MORTAR REPLACEMENT BUILDINGS
- 92 NON-BRICKS AND MORTAR REPLACEMENT BUILDINGS • THESE ARE MODULAR STRUCTURES, SIMPLY CONSTRUCTED WOOD FRAME BUILDINGS, AND PORTABLE CLASSROOM UNITS
- 9 REPAIR CLOSED BUILDINGS • THOSE BUILDINGS THAT REMAINED CLOSED DUE TO SIGNIFICANT DAMAGES INCURRED

AS A RESULT OF HURRICANE KATRINA AND CHANGES IN NEIGHBORHOOD SCHOOL ENROLLMENT AS WELL AS MAGNITUDE OF DAMAGES TO MUNICIPAL INFRASTRUCTURE AFFECTING THE SCHOOL BUILDINGS

- 48 REPAIR OPEN BUILDINGS • BUILDINGS REOPENED FOR USE WITH PARTIAL, TEMPORARY, OR FULL REPAIRS

A LIST OF THE ABOVE REFERENCED BUILDINGS IS PROVIDED IN ATTACHMENT 6. EACH OF THE 235 BUILDINGS IDENTIFIED IN ATTACHMENT 6 AS REPLACEMENT (BOTH BRICKS AND MORTAR AND NON-BRICKS AND MORTAR) HAVE MET THE THRESHOLD FOR A REPLACEMENT PROJECT AS ESTABLISHED IN DAP 9524.4 (ATTACHMENT 7).

THE TOTAL ELIGIBLE FUNDING FOR THIS PW IS \$1,156,158,835.85. THIS AMOUNT INCLUDES THE COST ESCALATION ADJUSTMENT OF \$37,129,956.91. THIS AMOUNT WAS DETERMINED BY APPLYING A PER-SQUARE FOOT REPLACEMENT HARD CONSTRUCTION COST OF \$267.67 TO THE TOTAL SQUARE FOOTAGE OF THE 143 ELIGIBLE "BRICK AND MORTAR" REPLACEMENT BUILDINGS, A PER-SQUARE FOOT REPLACEMENT HARD CONSTRUCTION COST OF \$151.75 TO THE TOTAL SQUARE FOOTAGE OF THE 92 NON-"BRICK AND MORTAR" BUILDINGS, A PER-SF REPAIR HARD COST OF EITHER \$40.62, \$51.99, OR \$107.47 TO THE 48 "REPAIR-OPEN" BUILDINGS, AND BY CONSOLIDATING THE CURRENTLY OBLIGATED FUNDING OF \$22,109,494.00 FOR THE NINE BUILDINGS INCLUDED IN THIS PW DESIGNATED "REPAIR-CLOSED". THE FUNDING TABLES ARE PROVIDED IN ATTACHMENT 6. THE DETAILS OF HOW THE FUNDING FIGURES WERE ARRIVED AT ARE PROVIDED IN SECTIONS 1, 2, & 3 OF THIS PW.

FUTURE VERSIONS OF THIS PW WILL ADDRESS FUNDING ASSOCIATED WITH THE REMAINING PA-ELIGIBLE PROJECTS AND OTHER TYPES OF PERMANENT WORK APPROPRIATE FOR CONSOLIDATION INTO AN ALTERNATE PROJECT. ADDITIONAL VERSIONS WILL BE WRITTEN TO ADD AND/OR CLARIFY EITHER THE UNDERLYING CONTRIBUTING PROJECTS OR THE PROPOSED ALTERNATE PROJECT SCOPE OF WORK (E.G. NEW FACILITIES, DEMOLITIONS, IN-USE FACILITY STABILIZATIONS/REPAIRS, HISTORIC REHABILITATIONS/EXPANSIONS).

THE APPLICANT HAS INFORMED GOHSEP AND FEMA THAT ULTIMATELY IT INTENDS TO APPLY ALL OF THE FUNDS IN THIS PW, INCLUDING

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## SITE NUMBER 1 - SCOPE OF WORK

SUBSEQUENT VERSIONS, TOWARDS THE CONSTRUCTION OF AN ESTIMATED 87 PLANNED SCHOOLS AS WELL AS THE FOLLOWING ACTIVITIES:

O SUPPORT CAPITAL PROJECT WORK INCLUDING PROJECT MANAGEMENT, ARCHITECTURE AND ENGINEERING AND CONSTRUCTION FROM THE TIME OF THE DISASTER TO THE COMPLETION OF THE MASTER PLAN AT DISASTER-DAMAGED SCHOOLS NECESSARY TO BRING THESE SCHOOLS INTO OPERATION TO ENSURE THAT PUBLIC SCHOOL SEATS ARE AVAILABLE FOR EACH RETURNING STUDENT.

O THE REPAIR OF DISASTER-DAMAGED BUILDINGS FOR OCCUPANCY FOR IMMEDIATE AND INTERMEDIATE POST-DISASTER USE THAT WILL ULTIMATELY CLOSE RATHER THAN BE FULLY REHABILITATED AS A RESULT OF CONSIDERATIONS SUCH AS COST, NEIGHBORHOOD REPOPULATION PROJECTIONS, FACILITY CONDITION AND USE, AND SITE CONSTRAINTS.

O THE FUNDING OVER TIME OF MODEST CHANGES TO BUILDINGS USED AS "SWING SPACE" TO SUPPORT USE BY DIFFERING STUDENT POPULATIONS (E.G. GRADE LEVELS).

O THE EXTENSIVE REHABILITATION OF BUILDINGS PREVIOUSLY ONLY REPAIRED TO THE THRESHOLD REQUIRED FOR IMMEDIATE OCCUPANCY.

O SUPPORT ALLOWABLE ACTIVITIES TO DEMOLISH, SAFE AND SECURE AND/OR STABILIZE OR MOTHBALL CLOSED FACILITIES THAT ARE LESS THAN 50% DAMAGED ACCORDING TO THIS PW VERSION AND SUBSEQUENT VERSIONS.

O CONDUCT ELIGIBLE, NONDESTRUCTIVE PROJECT PLANNING ACTIVITIES, I.E. PROJECT MANAGEMENT (PM), ARCHITECTURAL AND ENGINEERING (A&E) DESIGN, FOR ALL 87 SCHOOLS, (SEE ATTACHMENT 8).

O SUPPORTING THE MASTER PLAN WITH RELIABLE DATA SUCH AS 2008 AND 2010 DEMOGRAPHIC REPOPULATION PROJECTIONS, PRELIMINARY FACILITY CONDITION ASSESSMENTS, URBAN PLANNING RESOURCES AND COMMUNITY OUTREACH ACTIVITIES.

HOWEVER, THE SCOPE OF WORK APPROVED IN THIS VERSION OF THE ALTERNATE PROJECT PW IS LIMITED TO THE WORK IDENTIFIED IN SECTION 6, "ELIGIBLE WORK" (ALSO REFERRED TO AS "RECIPIENT SCOPE").

THE FOLLOWING PAGES OF THIS PW DESCRIBE THE METHODOLOGY FOR ESTABLISHING ELIGIBLE FUNDING FOR THE DISASTER DAMAGED SCHOOLS IN USE AT THE TIME OF THE STORM AND FURTHER DEFINE THE FUTURE PROPOSED ELIGIBLE

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## SITE NUMBER 1 - SCOPE OF WORK

SCOPE OF WORK. IT IS ORGANIZED INTO EIGHT SECTIONS:

1. BASIS FOR REPLACEMENT COSTS
2. BASIS OF "REPAIR-CLOSED" COSTS
3. BASIS OF "REPAIR-OPEN" COSTS
4. THE ALTERNATE PROJECT FUNDING SEQUENCE
5. ENVIRONMENTAL AND HISTORICAL PRESERVATION (EHP) REQUIREMENTS
6. ELIGIBLE WORK
7. DE-OBLIGATION OF CONTRIBUTING PWS
8. GENERAL CONDITIONS

A NOTE REGARDING SQUARE FOOTAGE FIGURES: LARGE PORTIONS OF THE FUNDING PROVIDED THROUGH THIS ALTERNATE PROJECT ARE DEPENDENT ON THE SQUARE FOOTAGE (SF) OF CONTRIBUTING BUILDINGS. AS PART OF THE FEMA RESPONSE TO THE APPLICANT'S REQUEST, THE APPLICANT AND FEMA HAVE WORKED TO VERIFY THE SF PRESENTED IN THIS PW (ATTACHMENT 6). THE SF USED IN THIS PW CORRECTS AND SUPERSEDES ALL PREVIOUSLY REPORTED SF NUMBERS IN ALL OF THE ORIGINAL CONTRIBUTING PWS.

ADDITIONALLY, SOME CONTRIBUTING BUILDINGS WILL NOT BE INCLUDED IN THIS PW VERSION. THEY INCLUDE BUILDINGS THAT THE APPLICANT IS FINALIZING PLANS FOR THE EVENTUAL DISPOSITION OF THE BUILDING WHICH IS NECESSARY FOR A REVIEW BY FEMA EHP. WHEN THESE FACILITIES HAVE BEEN DETERMINED TO BE COMPLIANT WITH APPLICABLE FEDERAL AND STATE LAWS AND HAVE BEEN PRELIMINARILY CLEARED THROUGH FEMA EHP, THESE FACILITIES WILL BE INCLUDED AS CONTRIBUTORS TO SUBSEQUENT VERSIONS OF THIS PW.

### 1) BASIS FOR REPLACEMENT COSTS

THE FORMULA FOR DETERMINING ELIGIBLE REPLACEMENT COST FUNDING BEGINS BY ESTABLISHING THE BASE SQUARE FOOTAGE (SF) FOR EACH BUILDING. THE COLUMNS REFERENCED THROUGHOUT THIS PW CAN BE FOUND IN ATTACHMENT 6. FOR THE BRICKS AND MORTAR BUILDINGS THE ELIGIBLE SF WAS INCREASED TO ACCOMMODATE CODES AND STANDARDS (C&S) REQUIREMENTS (COLUMN F). SQUARE FOOTAGE TO ACCOMMODATE C&S WAS NOT ADDED TO THE SF OF THE NON-BRICKS AND MORTAR BUILDINGS. HAVING ESTABLISHED A BASE SF FOR EACH REPLACEMENT BUILDING THE PER-SF CONSTRUCTION COST IS APPLIED TO THE ELIGIBLE BRICKS AND MORTAR AND NON-BRICKS AND MORTAR REPLACEMENT BUILDINGS RESULTING IN A HARD COST FIGURE (COLUMN I). A COST ESCALAT

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ION FACTOR, APPLIED TO THE MID-POINT OF CONSTRUCTION, IS ADDED TO THE ¿HARD COST¿ FIGURE TO ESTABLISH THE PER-BUILDING ESTIMATED ¿HARD COST W/ ESCALATION¿ (COLUMN K). WITH THE ESTIMATED HARD COST WITH ESCALATION ESTABLISHED, A PERCENTAGE FOR ARCHITECTURAL AND ENGINEERING SERVICES (A&E) (COLUMN L) AND PROJECT MANAGEMENT FEES (PM) (COLUMN O) WERE ADDED TO ARRIVE AT A PER-BUILDING FUNDING ELIGIBILITY ESTIMATE (COLUMN P). WHAT FOLLOWS IS A SUMMARY OF THE METHODOLOGY AND SUPPORTING DOCUMENTATION FOR THE PER-SF CONSTRUCTION COST, C&S INCREASE, THE COST ESCALATION CALCULATIONS, THE A&E FEES, AND THE PM FEES. WHEN NECESSARY, MORE INFORMATION IS PROVIDED AS AN ATTACHMENT.

SQUARE FOOT REPLACEMENT COSTS - ¿BRICKS AND MORTAR¿ BUILDINGS: THE APPLICANT¿S ORIGINAL PWS WERE WRITTEN USING FEMA ESTIMATES IN THE COST ESTIMATING FORMAT (CEF). WHEN AN APPLICANT REQUESTS PUBLIC ASSISTANCE FOR DISASTER-RELATED WORK, GRANT AMOUNTS ARE BASED ON ACTUAL COSTS IF THE WORK WAS COMPLETED AT THE TIME OF REQUEST (FEMA PUBLIC ASSISTANCE POLICY DIGEST OCTOBER 1999, PAGE 22). AS PART OF THEIR REQUEST, THE APPLICANT PROVIDED DETAILED ACTUAL CURRENT SCHOOL BUILDING COSTS (INCLUDING THEIR POST-KATRINA ¿QUICK START¿ SCHOOLS - ATTACHMENT 9) IN ADDITION TO INDUSTRY STANDARD DATA FOR THE PURPOSES OF DEVELOPING THE COST ESTIMATES FOR THESE PROJECTS.

FEMA DETERMINED THAT THE WORK COMPONENTS INCLUDED IN THE APPLICANT PROVIDED PER-SQUARE FOOT COST FOR ¿BRICKS AND MORTAR¿ BUILDINGS ARE REPRESENTATIVE OF SIMILAR PROJECTS AND ELIGIBLE FOR PA FUNDING. ADDITIONALLY, FEMA VERIFIED THE PER-SQUARE FOOT COST AS REASONABLE IN COMPARISON TO LOCAL, REGIONAL, AND NATIONAL SCHOOL CONSTRUCTION CONDITIONS AND COSTS. THIS VERIFICATION INCLUDED A PER-SQUARE FOOT COST ANALYSIS OF 16 LOCAL SCHOOLS (ATTACHMENT 10) CONSTRUCTED IN THE NEW ORLEANS METROPOLITAN AREA POST-HURRICANE KATRINA AND A REVIEW OF THE APPLICANT PROVIDED ¿2009 ANNUAL SCHOOL CONSTRUCTION REPORT¿ FOR REASONABLENESS COMPARED TO REGIONAL AND NATIONAL PE

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R-SF CONSTRUCTION COSTS (ATTACHMENT 11). THE 16 LOCAL SCHOOLS (IDENTIFIED IN ATTACHMENT 10) USED FOR THIS COMPARATIVE ANALYSIS WERE CHOSEN FOR THE FOLLOWING REASONS:

- ¿ THE SAME CODES AND STANDARDS HAVE BEEN APPLIED
- ¿ THEY MEET THE SAME EDUCATIONAL REQUIREMENTS
- ¿ THEY MUST COMPLY WITH THE SAME ELEVATION REQUIREMENTS
- ¿ THEY REPRESENT A SIMILAR MIX OF ELEMENTARY, MIDDLE, AND HIGH SCHOOLS
- ¿ THE SCHOOLS ARE OF SIMILAR SIZE
- ¿ THE SCHOOL CONSTRUCTION RESPONDS TO SIMILAR ENVIRONMENTAL CONDITIONS
- ¿ SIMILAR FOUNDATION REQUIREMENTS AND SIMILAR CONSTRUCTION MATERIALS AND METHODS HAVE BEEN USED
- ¿ ALL OF THE SCHOOLS ARE LOCATED IN URBAN ENVIRONMENTS AND HAVE SIMILAR STORAGE AND STAGING CONSTRAINTS
- ¿ THEY HAVE BEEN PROPERLY PROCURED IN THE SAME COMPETITIVE MARKET

THE MAJORITY OF THE BASE CONTRACT COSTS USED TO GENERATE THE NON-¿BRICK AND MORTAR¿ BUILDING REPLACEMENT VALUE ARE FOR MODULAR STRUCTURES. THE FEMA ANALYSIS REVEALED THAT THE MODULAR STRUCTURES INSTALLED IN THESE TEMPORARY FACILITIES SHARE MANY FEATURES WITH THE APPLICANT¿S NON-¿BRICK AND MORTAR¿ STRUCTURES. SOME OF THESE TYPICAL FEATURES INCLUDE, BUT ARE NOT LIMITED TO:

- ¿ HARDWIRED IT SYSTEMS
- ¿ HARDWIRED PUBLIC ADDRESS SYSTEMS WITH INTERCOMS
- ¿ FLOOR ELEVATION TO FLOODPLAIN REQUIREMENTS
- ¿ PERMANENT INTERIOR FINISHES
- ¿ SPLIT SYSTEM, HARDWIRED HVAC SYSTEMS

WHILE THE TEMPORARY FACILITIES USED FOR THIS ANALYSIS VARY IN TERMS OF THEIR PERMANENCE AND THE DURABILITY OF THEIR CONSTRUCTION, IN THE WHOLE, THEY COMPARE FAVORABLY TO THE APPLICANT¿S NON-¿BRICK AND MORTAR¿ STRUCTURES DEEMED ELIGIBLE FOR REPLACEMENT AND INCLUDED AS CONTRIBUTING BUILDINGS IN THIS PW. AS SUCH, THE BASE CONTRACT COST OF THE TEMPORARY FACILITIES USED IN THIS ANALYSIS WAS DEEMED A REASONABLE EQUIVALENT TO WHAT COULD BE EXPECTED FOR REPLACING THE APPLICANT¿S NON-¿BRICK AND MORTAR¿ STRUCTURES.

NEW REPLACEMENT BUILDING SQUARE FOOTAGE (SF) ALLOWANCE FOR CODES, STANDARDS (C&S), & ADA ACCESS REQUIREMENTS: WHEN APPROPRIATE, THE REP

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LACEMENT SF HAS BEEN INCREASED ON A BUILDING-BY-BUILDING BASIS TO ACCOMMODATE THE REQUIRED C&S AND ADA ACCESS NEEDS (COLUMN F). THE APPROPRIATE SF INCREASE WAS DETERMINED BY REVIEWING OTHER LOCAL HURRICANE KATRINA RELATED REPLACEMENT PROJECTS OF SIMILAR FUNCTION AND CAPACITY TO ESTIMATE THE TYPICAL INCREASE IN SF DUE TO C&S AND ADA REQUIREMENTS. THE RESULTANT SQUARE FOOTAGE INCREASE IN NEW FACILITIES OF SIMILAR FUNCTION CAN REASONABLY BE ATTRIBUTED TO THREE COMMON (RE-OCCURRING) CURRENT CODE REQUIREMENTS AS FOLLOWS:

- ¿ ELEVATOR AND EQUIPMENT ROOM FOR MULTI-LEVEL CONSTRUCTION (IBC 1104.4 ADA ACCESSIBILITY)
- ¿ ADDITIONAL PLUMBING FIXTURES (LA PLUMBING CODE TABLE 407; SF PER ADA)
- ¿ MECHANICAL / ELECTRICAL CLOSET (NEC ART. 110.26 (G), 110.31)

EACH OF THE REPLACEMENT BUILDINGS INCLUDED IN THIS PW WAS REVIEWED TO DETERMINE THE APPLICABILITY OF THE THREE TYPICAL CODE REQUIREMENTS IDENTIFIED ABOVE. FOR THE MULTI-LEVEL DAMAGED BUILDINGS, AN INCREASE OF 80 SF FOR AN ELEVATOR SHAFT AND 80 SF FOR AN ELEVATOR EQUIPMENT ROOM WAS ADDED FOR THE 1ST LEVEL; THEN, 80 SF FOR THE SHAFT WAS ADDED FOR EACH OF THE UPPER LEVELS. TO MEET LA PLUMBING CODE FIXTURE COUNT REQUIREMENTS, AN INCREASE OF 256 SF PER LEVEL WAS ADDED TO ADMINISTRATION/CLASSROOM SPACE TO ALLOW FOR THE ADDITION OF 4 TOILETS AND 2 LAVATORIES TO THE EXISTING SF. FOR NON-CLASSROOM AREAS SUCH AS LODGES AND MAINTENANCE BUILDINGS, AN ALLOWANCE OF 50 SF WAS ADDED TO COMPLY WITH THE ADA ACCESS REQUIREMENTS. LASTLY, AN INCREASE OF 80 SF WAS ADDED TO EACH FLOOR FOR A MECHANICAL / ELECTRICAL CLOSET TO COMPLY WITH ELECTRICAL CODE CONSIDERATIONS. THE AFOREMENTIONED SQUARE FOOTAGES WERE ADDED TO THE EXISTING GROSS SQUARE FOOTAGE OF EACH APPLICABLE BUILDING TO ESTABLISH A TOTAL SQUARE FOOTAGE. THE SF INCREASE DUE TO C&S AND ADA REQUIREMENTS CAN BE FOUND IN COLUMN F OF ATTACHMENT 6.

COST ESCALATION: FEMA WILL INCREASE THEIR LARGE PROJECT COST ESTIMATES TO ACCOUNT FOR COST ESCALATION DURING THE DESIGN AND CONSTRUCTION

PERIOD. COST ESCALATION IS ONLY APPLIED TO THE ESTIMATED COSTS OF WORK TO BE COMPLETED (I.E. IT IS NOT APPLIED TO WORK ALREADY COMPLETE WHERE COSTS ARE KNOWN). TO DETERMINE THE APPROPRIATE AMOUNT OF COST ESCALATION FOR CONTRIBUTING PROJECTS INCLUDED IN THIS PW, FEMA FOLLOWED THE METHODOLOGY PRESCRIBED BY THE CEF: (PROJECT COST) X (NUMBER OF MONTHS TO THE MIDPOINT OF CONSTRUCTION) X (ESCALATION FACTOR) = (COST ESCALATION). THE FOLLOWING PARAGRAPHS EXPLAIN THE RATIONALE FOR DETERMINING THE ¿PROJECT COSTS¿, ¿NUMBER OF MONTHS TO THE MIDPOINT OF CONSTRUCTION¿ AND THE ¿ESCALATION FACTOR¿ AS WELL AS HOW THE TOTAL AMOUNT OF FUNDING FOR COST ESCALATION HAS BEEN ADJUSTED TO ACCOUNT FOR WORK COMPLETED.

PROJECTS COSTS - THE ELIGIBLE FUNDING OF AN ALTERNATE PROJECT IS BASED ON THE APPROVED ESTIMATE OF ELIGIBLE REPAIR AND/OR REPLACEMENT COSTS OF THE DAMAGED FACILITY, PER DAP 9525.13 (ATTACHMENT 24). A FULL DESCRIPTION OF THE METHODOLOGY EMPLOYED TO ARRIVE AT THE ¿PROJECT COST¿ IS PROVIDED IN SECTIONS 1, 2, & 3.

MIDPOINT OF CONSTRUCTION - FEMA HAS REVIEWED THE NUMBER, SIZE, COMPLEXITY, AND SCALE OF THE ORIGINAL NOPS BUILDINGS, AS WELL AS EHP ISSUES, HISTORIC CONSTRUCTION INDUSTRY CAPACITY, AND OTHER FACTORS INFLUENCING THE RATE OF SCHOOL CONSTRUCTION. BASED ON THIS REVIEW, IF THE APPLICANT PROCEEDED WITH REPAIRING AND REPLACING THE ORIGINAL SCHOOLS IN KIND STARTING CONSTRUCTION IN MARCH 2010, THE MIDPOINT OF CONSTRUCTION WOULD BE REACHED BY THE START OF THE 2013-14 ACADEMIC YEAR, I.E. SEPTEMBER 1ST. THEREFORE 42 MONTHS IS USED AS THE TIME TO MID-POINT OF CONSTRUCTION FOR ESTIMATING ESCALATION.

COST ESCALATION FACTOR - TO DETERMINE THE APPROPRIATE COST ESCALATION FACTOR, FEMA USED NATIONAL MEDIAN COST PER SF DATA FOR THE YEARS 2005 TO 2008 FROM THE ¿2009 ANNUAL SCHOOL CONSTRUCTION REPORT¿ (ATTACHMENT 11), WHICH WAS PROVIDED BY THE APPLICANT AS PART OF THEIR REQUEST. THE AUTHOR OF THE REPORT WAS CONTACTED TO PROVIDE THE RAW DATA USED IN THE REPORT. THIS

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DATASET PROVIDED MEDIAN COST INFORMATION FOR ELEMENTARY, MIDDLE, AND HIGH SCHOOLS. AS SUCH, THREE SEPARATE COST ESCALATION CALCULATIONS WERE PERFORMED AND THEN AVERAGED TO ESTABLISH A SINGLE MONTHLY COST ESCALATION FACTOR OF .6517 OR 7.82% ANNUALLY. USING NATIONAL MEDIAN COSTS PER-SF FOR EDUCATIONAL FACILITIES PROVIDES A COST ESCALATION FACTOR APPROPRIATE FOR THE APPLICANT'S SCHOOL CONSTRUCTION PLANS. THE CALCULATIONS ARE SHOWN IN ATTACHMENT 13.

COST ESCALATION ADJUSTMENT FOR COMPLETED WORK - SINCE THE DISASTER EVENT THE APPLICANT HAS ADDRESSED THE IMMEDIATE NEEDS OF THE RETURNING POPULATION AND DEVELOPED A MASTER PLAN THAT IS THE FOCUS OF THIS ALTERNATE PROJECT'S RECIPIENT SCOPE. VERY LITTLE WORK ON THE IN-KIND REPAIR OR REPLACEMENT HAS OR WILL OCCUR BECAUSE THE APPLICANT DOES NOT INTEND TO REBUILD THEIR PRE-STORM EDUCATIONAL SYSTEM, HENCE THEIR ELECTION TO UTILIZE THE CAPPED ALTERNATE PROJECT FUNDING OPTION. THE APPLICANT'S DECISION TO BUILD AN ALTERNATE PROJECT MAKES IT DIFFICULT TO ESTABLISH THE AMOUNT OF IN-KIND REPAIR OR REPLACEMENT WORK THAT WOULD HAVE BEEN COMPLETED DURING THE PAST 4+ YEARS. IT IS REASONABLE TO ASSUME THAT THE APPLICANT WOULD HAVE COMPLETED WORK DURING THIS TIME PERIOD HAD THEY ELECTED TO PERFORM THE IN-KIND REPAIR AND REPLACEMENTS. IN ESTABLISHING FUNDING IN THIS PW IT IS NOT APPROPRIATE TO ESCALATE THE AMOUNT OF WORK THAT WOULD HAVE BEEN COMPLETED TO ESTABLISH FUNDING IN THIS PW.

IT IS REASONABLE TO ASSUME THAT THE APPLICANT COULD HAVE COMPLETED AN AMOUNT EQUAL TO WHAT WAS COMPLETED TO CONSTRUCT THE FOUR 'QUICK START' SCHOOLS AND THE WORK DONE ON THE 'REPAIR-OPEN' SCHOOLS. THE COST OF THE COMPLETED WORK FOR THE FOUR 'QUICK START' SCHOOLS IS \$135,652,385 (SEE ATTACHMENT 9). FOR THE PURPOSES OF CALCULATING THE COST ESCALATION ADJUSTMENT ASSOCIATED WITH THIS WORK WE FIRST ESCALATED THE CONTRIBUTING PROJECTS (ATTACHMENT 6) AND THEN SUBTRACTED THE AMOUNT OF ESCALATION ASSOCIATED WITH THE \$135,652,385 OF COMPLETED WORK. THE RE

SULTING AMOUNT TO BE DEDUCTED FROM THE TOTAL AMOUNT OF ELIGIBLE FUNDING IN THIS PW IS \$37,129,956.91. THIS IS REFLECTED AS A COST ESCALATION ADJUSTMENT ON THE FACEPLATE OF THIS PW.

THE SECOND PROXY USED TO ESTIMATE THE AMOUNT OF WORK THE APPLICANT COULD HAVE COMPLETED IS THE SET OF 'REPAIR-OPEN' BUILDINGS. THE APPLICANT DID NOT REQUEST ESCALATION ASSOCIATED WITH THESE PROJECTS AS THE 'REPAIR-OPEN' PORTION OF THEIR REQUEST WAS LARGELY REPRESENTATIVE OF COMPLETED WORK. AS SUCH, NO ESCALATION FACTOR IS APPLIED TO THE CONTRIBUTING PROJECTS CLASSIFIED AS 'REPAIR-OPEN' (RATHER THAN APPLY THE ESCALATION IN ATTACHMENT 6 ONLY TO DEDUCT IT LATER).

ARCHITECTURAL AND ENGINEERING (A&E) COSTS: PER THE APPLICANT'S REQUEST, AND CONSISTENT WITH THE LEGAL MANDATE AS A STATE AGENCY, THE LOUISIANA FACILITY PLANNING AND CONTROLS (FP&C) FEE CALCULATOR IS USED TO DETERMINE A&E FEES. THIS METHOD HAS BEEN APPLIED ON A PER-BUILDING BASIS. THE A&E FEE CAPTURES ALL COSTS FOR DESIGN, SOLICITATION, AND CONSTRUCTION THROUGH BENEFICIAL OCCUPANCY OF THE BUILDING. PER THE FP&C FEE CALCULATOR, THE 'FUNDS AVAILABLE FOR CONSTRUCTION' IS USED TO DETERMINE THE APPROPRIATE A&E COSTS FOR THE PROJECT. FOR THE PURPOSES OF THIS PW, THAT DOLLAR AMOUNT IS DEFINED IN ATTACHMENT 6 AS 'HARD COSTS W/ ESCALATION' (COLUMN K). THE METHODOLOGY FOR DETERMINING THIS FEE AND THE SCOPE OF RESPONSIBILITIES CAN BE FOUND IN ATTACHMENT 14.

PROJECT MANAGEMENT (PM) FEES: USING HISTORICAL ACTUAL LOCAL COSTS OF OTHER SIMILARLY SIZED APPLICANTS IN ORLEANS PARISH (THE CITY OF NEW ORLEANS (CNO) AND THE SEWER AND WATER BOARD (S&WB) OF NEW ORLEANS) FEMA HAS DETERMINED A PM FEE SCALE OF 9 ' 12 % AS REASONABLE FOR PM SERVICES FOR THE CNO AND S&WB. THIS FEE SCALE IS BASED ON FEMA'S REASONABLE COSTS ANALYSIS OF CNO'S ACTUAL COSTS INCURRED FOR 4-YEARS PRIOR TO HURRICANE KATRINA ON ITS CAPITAL PROJECTS. SINCE THIS APPLICANT HAS NO PRE-KATRINA PM COSTS TO ESTABLISH A BENCHMARK FOR PM SERVICES AND IS PERFORMING WORK THAT

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IS SIMILAR IN NATURE, VOLUME, COMPLEXITY, AND IN THE SAME MARKET AS CNO AND S&WB, FEMA HAS DEEMED THE PM FEE OF 9 - 12% USED FOR CNO & S&WB TO BE APPLICABLE TO THE WORK TO BE PERFORMED BY THE APPLICANT. THE PM FUNDING IS DEFINED AS  $\zeta$ PM $\zeta$  IN COLUMN O ATTACHMENT 6. THE LETTER APPROVING THE PM FEES FOR CNO IS PROVIDED AS ATTACHMENT 15.

ADDITIONAL REPLACEMENT DETERMINATIONS: FEMA HAS DETERMINED ADDITIONAL APPLICANT FACILITIES MEET THE REQUIREMENTS FOR REPLACEMENT AS ESTABLISHED IN DAP 9524.4 (ATTACHMENT 7). FOR A LIST OF THESE FACILITIES AND SUPPORTING JUSTIFICATION PLEASE SEE ATTACHMENT 16. A VERSION TO THE ORIGINAL CONTRIBUTING PW WILL BE WRITTEN FOR EACH OF THESE BUILDINGS DOCUMENTING THE REPLACEMENT DETERMINATION.

### 2) BASIS FOR REPAIR $\zeta$ CLOSED COSTS

THE APPLICANT HAS 9 BUILDINGS, COVERED IN 9 PWS, THAT ARE CONSIDERED  $\zeta$ REPAIR  $\zeta$  CLOSED $\zeta$  PROJECTS PER THE CLASSIFICATION USED IN THE NOVEMBER 24, 2009 PRESENTATION (ATTACHMENT 3). FOR THE PURPOSES OF THIS PW  $\zeta$ REPAIR  $\zeta$  CLOSED $\zeta$  ARE THOSE BUILDINGS THAT REMAIN CLOSED DUE TO SIGNIFICANT DAMAGES INCURRED AS A RESULT OF HURRICANE KATRINA AND CHANGES IN NEIGHBORHOOD SCHOOL ENROLLMENT AS WELL AS MAGNITUDE OF DAMAGES TO MUNICIPAL INFRASTRUCTURE AFFECTING THE SCHOOL BUILDINGS.

THE 9  $\zeta$ REPAIR  $\zeta$  CLOSED $\zeta$  BUILDINGS COVER 458,360SF FOR AN ELIGIBLE AMOUNT OF \$22,109,494.00. OVER THE PAST TWO YEARS, FEMA, GOHSEP, AND THE APPLICANT HAVE PERFORMED MULTIPLE SCOPE AND COST ALIGNMENTS, USING THE CEF, ON THE 9  $\zeta$ REPAIR  $\zeta$  CLOSED $\zeta$  BUILDINGS IDENTIFIED ON PAGE 7 OF ATTACHMENT 6. THIS PROCESS HAS LED TO CONCURRENCE ON THE ELIGIBLE SCOPE AND COST OF REPAIR WORK NECESSARY TO RESTORE THE CLOSED BUILDINGS TO THEIR PRE-STORM CONDITION. THE AGREED UPON AND OBLIGATED COST FOR THESE BUILDINGS IS USED TO DETERMINE THE ELIGIBLE CONTRIBUTING FUNDING AMOUNT FOR THIS PW.

### 3) BASIS FOR $\zeta$ REPAIR $\zeta$ OPEN $\zeta$ COSTS

THE  $\zeta$ REPAIR  $\zeta$  OPEN $\zeta$  BUILDINGS HAVE BEEN REOPENED FOR USE WITH PARTIAL, TEMPORARY, OR FULL REPAIRS. FROM 2006-2008, THE APPLICANT IDENTIFIED AND REPAIRED PRIORITY SCHOOL CAMPUSES FOR REOPENING. THESE CAMPUSES WERE IDENTIFIED AS THE MOST APPROPRIATE SCHOOLS TO OPEN AFTER THE STORM IN ORDER TO MEET THE IMMEDIATE NEEDS OF PUTTING STUDENTS BACK IN SCHOOL, AS INFLUENCED BY SECURITY CONSIDERATIONS, DEMOGRAPHICS, ENROLLMENT SHIFTS, THE POTENTIAL FOR RESTORATION OF UTILITIES, AND THE LEVEL OF STORM IMPACTS. THE REPAIRS WERE RUDIMENTARY AND SOME IMPROVEMENTS, SUCH AS APPLICANT-IDENTIFIED CODES AND STANDARDS, UPGRADES, AND REPAIRS DUE TO DEFERRED MAINTENANCE. IT IS IMPORTANT TO NOTE THAT SOME SCHOOLS WERE RECONFIGURED TO MEET THE SHORT-TERM NEEDS OF THE STUDENT POPULATION (I.E., WHERE A HIGH SCHOOL WAS RECONFIGURED TO SERVE A CO-LOCATED GROUP OF HIGH SCHOOL AND MIDDLE SCHOOL STUDENTS). INTERIM AS-NEEDED REPAIRS HAVE ALSO BEEN COMPLETED

AS PART OF THEIR SSR, THE APPLICANT REQUESTED SETTLEMENT FUNDING TO AVOID A PROTRACTED FUNDING TIMELINE FOR CURRENTLY OCCUPIED SCHOOLS. THE 48 BUILDINGS CLASSIFIED AS  $\zeta$ REPAIR  $\zeta$  OPEN $\zeta$  ON PAGE 6 OF ATTACHMENT 6 INCLUDE VARIOUS SCOPES OF WORK, ELEMENTS OF WHICH ARE NOT TYPICALLY CONSIDERED ELIGIBLE REPAIRS SINCE THEY WERE NOT STORM DAMAGED ELEMENTS OR DO NOT MEET OTHER REQUIREMENTS OF THE PROGRAM. DISTINGUISHING ELIGIBLE REPAIRS FROM INELIGIBLE REPAIRS HAS PROVEN TO BE A GREAT CHALLENGE. TO OVERCOME THIS CHALLENGE, A METHODOLOGY WAS DEVELOPED BASED UPON THE REPAIR COSTS FOR SIMILAR OPEN OR FULLY SCOPE-ALIGNED EDUCATIONAL FACILITIES.

THIS PW EMPLOYS A TIERED APPROACH OF SCORING DAMAGES AND IMPACTS ON INDIVIDUAL APPLICANT BUILDINGS THAT HAVE BEEN REPAIRED AND OPENED BY THE APPLICANT BY PLACING THEM INTO THREE GROUPS  $\zeta$  A, B, AND C (SEE ATTACHMENT 18). THE SAME SCORING PROCESS IS APPLIED TO A COMPARISON SET OF PROJECTS THAT HAVE BEEN EITHER FULLY SCOPE ALIGNED OR PROJECTS FOR WHICH THE REPAIRS ARE COMPLETE AND ACTUAL COSTS ARE AVAILABLE. THE COMPARISON PROJECTS ARE LOCATED IN THE GREATER NEW ORLEANS AREA FROM DR-1603. IT IS PRESUMED THAT IF EACH GROUP OF THE APPLICANT

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BUILDINGS COMPARES WELL WITH EACH CONTROL COMPARISON GROUP (I.E. SIMILAR LOCATIONS, SIMILAR EXPECTED LEVEL OF DAMAGES AND RESULTING REPAIR SCOPE, FOUNDATION REQUIREMENTS, CODES AND STANDARDS APPLICATIONS, ETC.), THEN THE GROUPS WILL SHARE SIMILAR OR LIKE SCOPE AND COSTS.

THIS APPROACH IS SIMILAR IN CONCEPT TO USING HISTORIC OR LOCAL COSTS FOR ESTIMATING INDIVIDUAL BUILDINGS, BUT APPLIED ON AN AGGREGATE, OR GROUP, BASIS. IT IS A COMMONLY USED APPROACH IN THE INFRASTRUCTURE ASSESSMENT AND EVALUATION INDUSTRY. RELYING ON SOUND ESTIMATES OF COMPARABLE, LOCAL FACILITY REPAIRS TO ESTABLISH COST ESTIMATES IS ALSO A REASONABLE ESTIMATING METHODOLOGY. THE FOLLOWING SECTIONS PROVIDE MORE DETAIL ON THE METHODOLOGY USED TO RATE EACH BUILDING, THE COMPARISON PROJECTS, THE FIELD VERIFICATION EXERCISE PERFORMED, AND HOW ELIGIBLE FUNDING WILL BE CALCULATED USING THIS METHODOLOGY.

DAMAGE RATING SYSTEM: THIS SYSTEM USES CONSTRUCTION AND ENGINEERING INDUSTRY PRINCIPLES FOR MANAGING A MAINTENANCE AND CAPITAL PLANNING PROGRAM. IT IS BASED ON TYPICAL STORM-RELATED DAMAGES EVIDENT IN THIS DISASTER EVENT. THE RATING SYSTEM IS DESIGNED TO PROJECT THE LIKELIHOOD OF BUILDING COMPONENT DAMAGES WHEN CERTAIN STORM RELATED CONDITIONS OCCUR, SPECIFICALLY THE LEVEL OF FLOOD WATER ENCOUNTERED AND THE AMOUNT OF WIND DRIVEN RAIN INFILTRATION WITHIN A BUILDING. AS PART OF THE DEVELOPMENT OF THE DAMAGE RATING SYSTEM, A SUMMARY REVIEW WAS CONDUCTED OF THE TYPICAL STORM RELATED DAMAGES THAT HAVE BEEN ENCOUNTERED AS A RESULT OF HURRICANE KATRINA. IT IS IMPORTANT TO NOTE THAT THIS SCORING SYSTEM IS NOT RELATED TO THE ESTIMATED REPAIR COST, BUT MERELY THE LIKELIHOOD OF BUILDING COMPONENT DAMAGE.

WHEN THE LEVEL OF FLOOD WATER ENCOUNTERED AND THE AMOUNT OF WIND DRIVEN RAIN INFILTRATION HAS BEEN DETERMINED, ADDITIONAL BUILDING CHARACTERISTICS (SUCH AS ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND INTERIOR FINISHES AND FEATURES) ARE EVALUATED TO DETERMINE THE MAGNITUDE OF ASSOCIATED DAMAGES. F

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OR EXAMPLE, WHERE A BUILDING MAY BE CONSTRUCTED WITH TERRAZZO FLOORING VERSUS CARPET, WE ASSUME THAT FLOOD DAMAGE WOULD MORE SIGNIFICANTLY IMPACT THE CARPETED FACILITY. THEREFORE, POINTS WOULD BE ADDED FOR THE CARPETED FACILITY AND/OR DEDUCTED FOR THE FACILITY WITH TERRAZZO FLOORING.

KEY ASSUMPTIONS IN DEVELOPING THE SCORING SYSTEM WERE:

- ¿ FACILITIES ARE GROUPED INTO CATEGORIES ACCORDING TO SIMILAR CONSTRUCTION TYPE, DISASTER DAMAGE, AND REQUIRED REPAIR SCOPE (REGARDLESS OF COMPLETENESS OF REPAIRS).
- ¿ PROJECTS WITHIN THE SAME CATEGORY WITH SIMILAR TYPE OF CONSTRUCTION AND SUBJECTED TO SIMILAR TYPES OF DISASTER FORCES (FLOOD, WIND DAMAGE, ETC.) WILL REQUIRE SIMILAR TYPES OF REPAIRS.
- ¿ CURRENT COST DATA FROM COMPLETED HURRICANE KATRINA REPAIR PROJECTS FOR SIMILARLY DAMAGED FACILITIES IS COMPARABLE WITH THE EXPECTED COSTS TO REPAIR APPLICANT FACILITIES.
- ¿ MULTI-STORY BUILDINGS WILL INCUR LESS OVERALL FLOOD RELATED DAMAGE, SPECIFICALLY ON THE UPPER FLOORS, THAN SINGLE STORY BUILDINGS THAT ENCOUNTERED THE SAME LEVEL OF FLOOD WATER.
- ¿ SINGLE STORY BUILDINGS WILL INCUR MORE OVERALL WIND RELATED DAMAGE THAN MULTI-STORY BUILDINGS THAT ENCOUNTERED THE SAME LEVEL OF WIND FORCES.
- ¿ THE TYPE OF INTERIOR FINISHES WITHIN A BUILDING WILL IMPACT THE SEVERITY OF OVERALL BUILDING DAMAGE.
- ¿ THE LOCATION OF ELECTRICAL AND MECHANICAL EQUIPMENT WILL IMPACT THE SEVERITY OF OVERALL BUILDING DAMAGE.

TO DETERMINE THE SCORE FOR EACH OF THE APPLICANT BUILDINGS CLASSIFIED ¿REPAIR-OPEN¿ AND THE COMPARISON PROJECTS USED TO ESTABLISH AN ESTIMATED UNIT COST FOR REPAIRS THE FOLLOWING EIGHT DATAPOINTS WERE COLLECTED FOR EACH BUILDING:

CAUSE OF DAMAGE:

1. FLOOD DEPTH
2. WIND DAMAGE (AS A % OF THE ROOF AND WINDOW DAMAGE)

BUILDING CHARACTERISTICS:

3. NUMBER OF STORIES
4. TYPE OF FLOOR FINISHES (HARD, SOFT, OR BOTH)
5. TYPE OF WALL FINISHES (HARD, SOFT, OR BOTH)
6. TYPE OF CEILING FINISHES (HARD, SOFT, OR BOTH)
7. LOCATION OF MECHANICAL EQUIPMENT (1ST FLOOR, ROOF, OR BOTH)
8. L

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LOCATION OF ELECTRICAL EQUIPMENT (1ST FLOOR/EXTERIOR AT GRADE, ROOF, OR BOTH)

TWO BASE SCORES WERE ASSIGNED FOR EACH BUILDING: ONE FOR FLOOD, ONE FOR WIND. THE BASE FLOOD SCORE WAS DETERMINED BY USING THE DOCUMENTED AND/OR FIELD VERIFIED FLOOD DEPTH. THE BASE WIND SCORE WAS DETERMINED BY USING THE DOCUMENTED AND/OR FIELD VERIFIED PERCENTAGE OF THE BUILDING ELEMENTS (ROOF AND/OR WINDOWS) DAMAGED BY WIND.

POINTS WERE EITHER ADDED OR SUBTRACTED FROM THIS BASE SCORE DEPENDING ON SIX KEY BUILDING CHARACTERISTICS (LISTED ABOVE, 3 THROUGH 8). THE TABLE IN ATTACHMENT 19 IDENTIFIES THE IMPACT OF DIFFERENT BUILDING CHARACTERISTICS ON THE BASE SCORE. PROJECTS FALL WITHIN ONE OF THREE CATEGORIES (A, B, OR C). THE DIFFERENCE IN CATEGORIES IS BASED ON THE LEVEL OF WIND AND/OR FLOOD DAMAGE. WITH CERTAIN LEVELS OF WIND AND/OR FLOOD DAMAGE WE CAN EXPECT THE RESULTANT SCOPE AND COST OF REPAIR WORK TO SUBSTANTIALLY CHANGE.

NOTE: INCLUDED IN THE SET OF BUILDINGS SCORED USING THIS METHODOLOGY ARE EIGHT BUILDINGS (COVERED IN THE FOLLOWING SEVEN CONTRIBUTING PWS: 12147, 12434, 12921, 13042, 13197, 14939, 15248) THAT WERE INITIALLY CLASSIFIED AS "REPAIR-CLOSED." THESE BUILDING HAVE NOT UNDERGONE FULL SCOPE ALIGNMENT IN A MANNER CONSISTENT WITH THE OTHER "REPAIR-CLOSED" BUILDINGS. IN AN EFFORT TO AVOID A PROTRACTED SCOPE ALIGNMENT PROCESS, FEMA AND THE APPLICANT HAVE AGREED TO APPLY THE "REPAIR-OPEN" SCORING METHODOLOGY TO THESE BUILDINGS IN ORDER TO ESTABLISH ELIGIBLE CONTRIBUTING FUNDING.

COMPARISON PROJECTS: IN AN EFFORT TO DEVELOP A COMPARISON DATASET TO EVALUATE ANTICIPATED REPAIR COSTS FOR THE APPLICANT'S EDUCATIONAL FACILITIES NOT SCOPE ALIGNED, WE INITIATED A NEMIS DATABASE SEARCH OF FEMA FUNDED-PROJECTS UNDER DR-1603. THE FOLLOWING PROJECT CRITERIA WERE ESTABLISHED TO FILTER THE DATA FOR COMPARABLE DAMAGED FACILITIES:

- ¿ FACILITY USAGE (I.E. EDUCATIONAL)
- ¿ TYPE OF CONSTRUCTION
- ¿ BUILDING SIZE
- ¿ BUILDING LOCATION
- ¿ BUILDING AGE
- ¿ TYPE OF STORM RELATED DAM

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AGE ENCOUNTERED

AFTER THE INITIAL DATABASE QUERY WAS COMPLETE, THE COMPARISON DATA WAS SORTED BY PROJECT STATUS. IN ORDER FOR THE COMPARISON DATA TO BE USEFUL IN DETERMINING THE ANTICIPATED REPAIR COSTS FOR THE NON-SCOPE ALIGNED PROJECTS, IT WAS IMPORTANT TO HAVE THE COMPARISON DATA INCLUDE ONLY PROJECTS THAT HAD BEEN EITHER FULLY SCOPE ALIGNED, OR PROJECTS THAT HAD THE REPAIRS COMPLETED AND ACTUAL COSTS ARE AVAILABLE.

EACH OF THE PROJECTS THAT MET THE CRITERIA FOR INCLUSION IN THE COMPARISON GROUPS WAS ANALYZED TO DETERMINE ITS RESPECTIVE  $\zeta$ HARD COST $\zeta$ . THIS PROCESS ENTAILED A REVIEW OF ALL THE ASSOCIATED OBLIGATED PWS TO DETERMINE THE BASIS OF COSTS. ALL COSTS ASSOCIATED WITH A&E OR PM SERVICES WERE REMOVED AND ANY INSURANCE DEDUCTIONS WERE ADDED BACK IN TO ARRIVE AT A  $\zeta$ HARD COST $\zeta$  FIGURE. THIS FIGURE IS COMPARABLE TO THE  $\zeta$ HARD COST $\zeta$  FIGURE USED TO ESTABLISH ELIGIBLE FUNDING FOR THE REPLACEMENT PROJECTS DESCRIBED EARLIER IN THIS PW. FOR EACH PROJECT INCLUDED IN THE COMPARISON GROUP A HARD COPY FILE HAS BEEN ESTABLISHED. THIS FILE CONTAINS THE DOCUMENTATION NECESSARY TO EXPLAIN AND SUBSTANTIATE HOW THE  $\zeta$ HARD COST $\zeta$  FIGURE WAS DETERMINED.

AFTER THE COMPARISON DATA WAS FILTERED AND FINALIZED, THE COMPARISON INFORMATION WAS SCORED USING THE DAMAGE RATING SYSTEM. THE RESULTING COMPARISON INFORMATION WAS GROUPED BASED ON THE RESULTS OF THE DAMAGE ASSESSMENT SCORING.

FIELD SITE VERIFICATIONS: DURING THE WEEK OF MAY 24, 2010, APPLICANT REPRESENTATIVES, THE STATE OF LOUISIANA (GOHSEP), AND FEMA PERFORMED SITE VISITS ON A SELECT NUMBER OF SCHOOL CAMPUS BUILDINGS. THE PURPOSE OF THESE VISITS WAS TO VERIFY THE INTEGRITY OF THE DATA UTILIZED IN THE INITIAL SCORING, AS WELL AS THE SCORING APPROACH. A GROUP OF 23 BUILDINGS ON 15 SEPARATE CAMPUSES WERE SELECTED FOR VERIFICATION BECAUSE EITHER THE ACTUAL REPAIR COSTS DID NOT ALIGN WITH THE GROUPINGS ASSIGNED BY THE SCORING SYSTEM OR THERE WERE ANOMALIES IN THE DAMAGE DESCRIPTIONS. OTHER SITES WERE CHOSEN AT THE RECOM

MENTATION OF THE APPLICANT. DURING THE FIELD VERIFICATION PROCESS, THE OBSERVERS MADE NOTES OF ANY SIGNIFICANT REPAIRS WHICH WERE NOT CAPTURED IN THE LATEST RESPECTIVE PW, RESCORED BUILDINGS BASED ON NEW FINDINGS, AND RECONCILED ANY APPARENT DISCREPANCIES FROM THE ORIGINAL DATA SET. THE OBJECTIVE INDICATORS USED TO ESTABLISH THE INITIAL DAMAGE RATING WERE FOUND TO BE MORE THAN 90% ACCURATE UPON COMPLETION OF THE FIELD VERIFICATION EXERCISE. AS SUCH, THE RATING METHODOLOGY WAS ACCEPTED BY FEMA AS RELIABLE FOR USE IN THE ASSIGNMENT OF DISASTER DAMAGE SCORES. THE RESULTS OF THE FIELD VERIFICATION EXERCISE ARE PROVIDED IN ATTACHMENT 20.

HOW FUNDING IS CALCULATED: AFTER CATEGORIZING THE APPLICANT'S  $\zeta$ REPAIR  $\zeta$ OPEN $\zeta$  BUILDINGS AND THE COMPARISON PROJECTS, A SF UNIT COST IS ESTABLISHED FOR EACH GROUP. THIS UNIT COST IS THE WEIGHTED AVERAGE, BY GROUP, OF THE  $\zeta$ HARD COST $\zeta$  FIGURES ESTABLISHED FOR THE COMPARISON PROJECTS. THE FIRST STEP IN DETERMINING ELIGIBLE FUNDING FOR EACH OF THE  $\zeta$ REPAIR  $\zeta$ OPEN $\zeta$  BUILDINGS IS MULTIPLYING THE BUILDING'S SQUARE FOOTAGE BY THE UNIT COST FOR THE GROUP (A, B, OR C) IT FALLS WITHIN. BECAUSE THE FUNDS FOR THE  $\zeta$ REPAIR  $\zeta$ OPEN $\zeta$  BUILDINGS HAVE ALREADY BEEN EXPENDED THE COSTS WILL NOT BE ESCALATED. THIS  $\zeta$ HARD COST $\zeta$  FIGURE WILL THEN BE FACTORED BY AN A&E MULTIPLIER AND PROJECT MANAGEMENT (PM)/CONSTRUCTION MANAGEMENT (CM) MULTIPLIERS, ARRIVING AT A BUILDING-BY-BUILDING ELIGIBLE FUNDING AMOUNT. THE METHOD FOR CALCULATING ELIGIBLE FUNDING COMPONENTS (A&E AND PM) IS CONSISTENT WITH THAT APPLIED TO THE REPLACEMENT PROJECTS IN THIS ALTERNATE PROJECT. THE RESULTS OF APPLYING THIS METHODOLOGY CAN BE FOUND ON PAGE 6 OF ATTACHMENT 6.

## 4) THE SSR FUNDING SEQUENCE

THIS PW REPRESENTS THE FIRST IN A SERIES OF VERSIONS THAT RESPONDS TO THE APPLICANT'S NOVEMBER 24, 2009 REQUEST FOR A SINGLE SETTLEMENT. FUTURE VERSIONS OF THIS PW WILL PROVIDE FUNDING FROM ELIGIBLE DAMAGED FACILITIES NOT INCLUDED IN THIS VERSION  $\zeta$  BOTH REPLACEMENT AND REPAIR  $\zeta$  TOWARDS THE

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SUBDIVISION

FEMA PW # 19166 VSN 0 REF# AP982

## SITE NUMBER 1 - SCOPE OF WORK

CONSTRUCTION AND/OR REPAIR OF THE SCHOOL FACILITIES IDENTIFIED IN THE APPLICANT'S MASTER PLAN (ATTACHMENTS 4 AND 5). THERE ARE 17 BUILDINGS, COVERED IN 17 PWS, THAT HAVE NOT BEEN INCLUDED AS CONTRIBUTORS TO THIS PW FOR VARIOUS REASONS INCLUDING THE APPLICANT'S ONGOING PROCESS TO ESTABLISH A PLAN (I.E. THE "DONOR SCOPE") FOR THE CONTRIBUTING BUILDING, WHICH IS A PREREQUISITE TO THE EHP REVIEW PROCESS. THESE PROJECTS, IDENTIFIED IN ATTACHMENT 30, WILL BE INCLUDED AS CONTRIBUTORS IN A LATER VERSION WHEN THE APPLICANT HAS FINALIZED THEIR PLANS.

THE APPLICANT'S MASTER PLAN WILL BE ITERATIVELY REVISED TO ENSURE UTILIZATION OF CURRENT AND REVISED DEMOGRAPHIC DATA FORECASTS, CHANGES TO FACILITATE EHP COMPLIANCE AND AVOID, MINIMIZE OR MITIGATE ADVERSE EFFECTS, CONSIDERATION OF AVAILABLE SITE CONDITIONS AND SITE CONTROL MATTERS, AND TO INCORPORATE OPTIMAL DESIGN, CONSTRUCTION AND EDUCATIONAL PRACTICES. THIS WILL ALSO BE USED FOR IN-USE FACILITY STABILIZATION (E.G. ROOF REPAIRS).

THE APPLICANT WILL UTILIZE CAPPED ALTERNATE PROJECT FUNDING FROM THE 107 DISASTER-DAMAGED EDUCATIONAL CAMPUSES IN OPERATION AT THE TIME OF THE EVENT TO REHABILITATE, RENOVATE, CONSTRUCT, AND /OR EXPAND EDUCATIONAL FACILITIES THAT ARE CONSISTENT WITH THEIR MASTER PLAN AS WELL AS ADDITIONAL SCOPE NECESSARY TO REBUILD A MID-SIZED, URBAN SCHOOL DISTRICT AND PROPERLY COMPLY WITH REQUIREMENTS UNDER 44 CFR AND OTHER FEDERAL, STATE AND LOCAL LAWS.

ADDITIONALLY, OTHER ELEMENTS OF THE APPLICANT'S REQUEST FOR A SINGLE SETTLEMENT NOT INCLUDED IN THIS ALTERNATE PROJECT, OR ITS SUBSEQUENT VERSIONS, WILL BE CAPTURED IN OTHER PWS. THESE INCLUDE DIRECT ADMINISTRATIVE COSTS, CONTENTS, AND TRANSPORTATION AMONGST OTHERS.

## 5) ENVIRONMENTAL/HISTORIC PRESERVATION (EHP) REQUIREMENTS

EHP REQUIREMENTS FOR THE CONTRIBUTING & PROPOSED (AKA RECIPIENT SCOPE) PROJECTS: THE CONTRIBUTING PROJECTS AND THE PROPOSED NEW FACILITY REHABILITATION DESIGN AND CONSTRUCTION PROJECTS IDENTIFIED IN THIS PW HAVE UNDERGONE R

VIEW FOR COMPLIANCE WITH THE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA), THE NATIONAL HISTORIC PRESERVATION ACT (NHPA), AND ALL OTHER APPLICABLE LOCAL, STATE, AND FEDERAL LAWS, REGULATIONS, AND EXECUTIVE ORDERS. COMPLIANCE FOR THE PROPOSED WORK IS SPECIFIC TO THE LOCATION IDENTIFIED FOR THE PROPOSED FACILITIES IN SECTION 6 OF THIS PW (BELOW) AND IS NOT TRANSFERABLE BASED UPON NAME OF THE FACILITY. (SEE THE ENCLOSED SITE SHEETS AND ATTACHMENT 6 FOR THE LOCATION OF THE PROPOSED FACILITIES.) NO FURTHER REVIEWS WILL BE REQUIRED PROVIDED THE SCOPE OF WORK IN THE ENCLOSED SITE SHEETS REMAINS UNCHANGED AND THE APPLICANT MEETS THE CONDITIONS SET FORTH IN THE ATTACHED COMPLIANCE DOCUMENTATION.

THE DONOR SCOPE AS STATED IN ATTACHMENT 6 IS INTRINSIC TO THE OBLIGATION OF THIS PW. IF THE APPLICANT CHOOSES TO ALTER THE DONOR SCOPE, THEY MUST NOTIFY THE GRANTEE AND FEMA. ANY CHANGE IN SCOPE (E.G. DEMOLITION RATHER THAN REPAIR) WILL REQUIRE FURTHER REVIEW BY FEMA.

EHP REQUIREMENTS FOR FUTURE RECIPIENT SOW NOT INCLUDED IN THIS VERSION: DURING THE APPLICANT'S NON-DESTRUCTIVE PROJECT PLANNING PHASE, FEMA PUBLIC ASSISTANCE (PA) AND ENVIRONMENTAL/HISTORIC PRESERVATION (EHP) WILL WORK WITH THE APPLICANT TO COMPLETE THE SPECIAL PROJECTS CHECKLIST (ATTACHMENT 21). BASED UPON THE INFORMATION PROVIDED BY THE APPLICANT, EHP WILL IDENTIFY COMPLIANCE REQUIREMENTS FOR EACH FACILITY. DURING COMPLETION OF THE CHECKLIST, ANY ADDITIONAL INFORMATION NEEDED TO COMPLETE COMPLIANCE ACTIVITIES AT A LOCATION/FACILITY AS WELL AS THE LEVEL OF EFFORT AND ESTIMATED TIMEFRAMES TO COMPLETE COMPLIANCE ON THE PROJECT AFTER FORMAL SUBMISSION TO FEMA, WILL BE COMMUNICATED TO THE APPLICANT. THIS WILL PROVIDE THE EXPECTATIONS OF FEMA TO THE APPLICANT AND ALLOW THE APPLICANT TO MAKE INFORMED DECISIONS REGARDING THEIR PROPOSED PROJECTS AS IT RELATES TO EHP COMPLIANCE REQUIREMENTS. FEMA WILL CONTINUE TO WORK WITH THE APPLICANT SHOULD THE APPLICANT INDICATE THAT THEY WOULD LIKE TO AMEND OR MODIFY THE

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## SITE NUMBER 1 - SCOPE OF WORK

PROPOSED PROJECTS IN AN EFFORT TO REDUCE THE LEVEL OF EFFORT REQUIRED FOR COMPLIANCE REQUIREMENTS AND/OR FOR THE TIMEFRAMES ASSOCIATED WITH COMPLIANCE ACTIVITIES.

ONCE A FINAL SCOPE OF WORK HAS BEEN DEFINED AND SUBMITTED THROUGH GOHSEP TO FEMA AS PART OF AN AMENDMENT REQUEST TO THIS ALTERNATE PROJECT, THE FORMAL EHP COMPLIANCE REVIEW PROCESS WILL BE INITIATED. COMPLIANCE WITH NEPA, COMPLIANCE WITH NEPA WILL BE ACCOMPLISHED USING THE ALTERNATIVE ARRANGEMENTS PROCESS (SEE ATTACHMENT 22). THIS WILL CONSIST OF REVIEW FOR COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL ENVIRONMENTAL LAWS, REGULATIONS, AND EXECUTIVE ORDERS INCLUDING EXECUTIVE ORDER 11988 (FLOODPLAIN MANAGEMENT); EXECUTIVE ORDER 11990 (WETLAND PROTECTION); AND EXECUTIVE ORDER 12898 (ENVIRONMENTAL JUSTICE) ADDRESSED THROUGH A PUBLIC INVOLVEMENT PLAN.

COMPLIANCE WITH SECTION 106 OF NHPA WILL BE COMPLETED IN ACCORDANCE WITH THE SECONDARY PROGRAMMATIC AGREEMENT AMONG FEDERAL EMERGENCY MANAGEMENT AGENCY, STATE OF LOUISIANA DIVISION OF ADMINISTRATION OFFICE OF COMMUNITY DEVELOPMENT, GOHSEP, LOUISIANA STATE HISTORIC PRESERVATION OFFICER, ADVISORY COUNCIL ON HISTORIC PRESERVATION, LOUISIANA DEPARTMENT OF EDUCATION, THROUGH ITS RECOVERY SCHOOL DISTRICT, AND ORLEANS PARISH SCHOOL BOARD REGARDING IMPLEMENTATION OF SCHOOL FACILITIES MASTER PLAN FOR ORLEANS PARISH NEW ORLEANS, LOUISIANA (ATTACHMENT 23). THIS WILL CONSIST OF IDENTIFICATION AND EVALUATION OF HISTORIC PROPERTIES, CONSULTATION AS REQUIRED AND, IF NECESSARY, STREAMLINED MITIGATION MEASURES AND/OR MEMORANDUM OF AGREEMENTS TO RESOLVE ADVERSE EFFECTS.

## 6) ELIGIBLE WORK

THE APPLICANT PROPOSES TO USE FUNDING FROM THE CONTRIBUTING PROJECTS IDENTIFIED IN ATTACHMENT 6 FOR THE CONSTRUCTION, REPAIR, OR REHABILITATION OF THE 52 IDENTIFIED SCHOOL CAMPUSES ACKNOWLEDGED BELOW. PER THE REQUIREMENTS OF 44 CFR 206.203(D) (2) THE APPLICANT HAS SUBMITTED A BRIEF DESCRIPTION (AKA ¿SITE SHEETS¿) ¿ WHICH INCLUDES A SCOPE OF WORK, PROJECT LOCATION, SPECIAL CONSIDERATIONS, BUILDING DIMENSIONS, AND BUILDING PROGRAM ¿ FOR EACH PROPOSED EDUCATIONAL FACILITY, A SCHEDULE OF WORK, AND THE PROJECTED COST OF THE PROJECT. THESE ARE PROVIDED AS ATTACHMENT 31 AND REPRESENT THE ELIGIBLE REVIEWED SCOPE OF WORK FOR VERSION ZERO OF THIS PROJECT WORKSHEET.

THIS LIST OF 53 PROJECTS INCLUDES FOUR PREVIOUSLY REQUESTED AND APPROVED SCHOOLS (THE ALTERNATE PROJECT PW18597).

1. ALLEN, HENRY
2. ANDREW WILSON ES
3. AVERY ALEXANDER ES
4. BARBARA JORDAN ES
5. BEHRMAN, MARTIN, ES
6. CARTER G. WOODSON MS
7. CARVER, GEORGE W. SR. HS
8. CLARK, JOSEPH S., HS
9. COHEN, WALTER L. SR., HS
10. COLTON, CHARLES J., JUNIOR HS
11. CRAIG, JOSEPH A., ES
12. CROCKER, LAWRENCE D., ES
13. DIBERT, JOHN, ES
14. DOUGLASS, FREDERICK A., SHS
15. DREW, DR. CHARLES R., ES
16. EDWARD LIVINGSTON MS
17. EDWARDS/MOTON
27. JEAN BATISTE DE BIENVILLE ES
28. JOHN MCDONOGH SR. HS
29. JOHN W. HOFFMAN ES
30. JOHNSON, JAMES W., ES
31. L. B. LANDRY HS
32. LAFAYETTE, MARQUIS DE, ACADEMY CHARTER ES
33. LAKE AREA MS
34. LANGSTON HUGHES ES
35. LITTLE WOODS ES
36. LIVE OAK (NEW ORLEANS CENTER FOR THE CREATIVE ARTS (NOCCA))
37. LOCKETT ES
38. MCDONOGH 15 ES
39. MCDONOGH 28 JHS
40. MCDONOGH 32 ES
41. MCDONOGH 42 ES
42. MILDRED C. OSBORNE ES
43. PARKVIEW FUNDAMENTAL

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## SITE NUMBER 1 - SCOPE OF WORK

MAGNET SCHOOL

- |                               |                              |
|-------------------------------|------------------------------|
| 18. EISENHOWER, DWIGHT D., ES | 44. PAUL L. DUNBAR ES        |
| 19. ERNEST "DUTCH" MORIAL ES  | 45. RAY ABRAMS ES            |
| 20. FANNIE C. WILLIAMS MS     | 46. REED, SARAH T., SR. HS   |
| 21. FRANTZ, WILLIAM, ES       | 47. ROSENWALD, JULIUS, ES    |
| 22. GAUDET, FRANCES, ES       | 48. SCHAUMBURG, HENRY C., ES |
| 23. GENTILLY TERRACE ES       | 49. SHERWOOD FOREST ES       |
| 24. GUSTE, WILLIAM J., ES     | 50. VILLAGE DE L'EST ES      |
| 25. HABANS, PAUL B., ES       | 51. WALKER, O. PERRY, SHS    |
| 26. HENDERSON, MURRAY, ES     | 52. WILLIAMS, SYLVANIE ES    |
|                               | 53. HANSBERRY, LORRAINE ES   |

THE FOLLOWING DEMOLITION PROJECTS HAVE BEEN APPROVED. SEE ATTACHED SITE SHEETS FOR DETAILS:

1. GREGORY - BUILDINGS A, B, & C
2. NEW ORLEANS HS SIGNATURE CENTER
3. FISK HOWARD - BUILDING A
4. JORDAN - BUILDING D
5. TERRELL - MAIN BUILDING
6. LANDRY
7. LIVINGSTON, EDWARD - ADDITION

THE TOTAL ESTIMATED AMOUNT FOR PROPOSED CONSTRUCTION, REPAIR/REHABILITATION, OR DEMOLITION PROJECTS IS \$1,038,090,578.

THE APPLICANT HAS ENTERED INTO A COOPERATIVE ENDEAVOR AGREEMENT (CEA) FOR THE REDEVELOPMENT OF THE BIENVILLE CAMPUS, AND INTENDS TO ENTER INTO A SIMILAR AGREEMENT FOR THE REDEVELOPMENT OF THE EDWARDS/MOTON CAMPUS. THE CEA FOR THE EDWARDS/MOTON CAMPUS (WHEN EXECUTED) WILL BE WITH THE ORLEANS PARISH SCHOOL BOARD (OPSB), AND THE EXECUTED CEA FOR THE BIENVILLE CAMPUS IS WITH FIRSTLINE (MIDDLE SCHOOL ADVOCATES).

THE APPLICANT INTENDS TO COMBINE ELIGIBLE FUNDING FROM THIS PW WITH OTHER FUNDING SOURCES TO CONSTRUCT SCHOOL FACILITIES THAT THE APPLICANT WILL OPERATE JOINTLY WITH THE RESPECTIVE CEA PARTNER. ELIGIBLE FUNDING FROM THIS PW USED TO CONSTRUC

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THESE SCHOOL FACILITIES MUST BE CLEARLY DELINEATED AND TIED TO THE ELIGIBLE SCOPE OF WORK APPROVED BY FEMA.

NON-DESTRUCTIVE PROJECT PLANNING ACTIVITIES: THE APPLICANT INTENDS TO UTILIZE REMAINING FUNDING TO PERFORM ELIGIBLE NONDESTRUCTIVE PROJECT PLANNING ACTIVITIES, INCLUDING A&E AND PM WORK ON THE PROPOSED CAMPUSES, PER THE SCHOOLS FACILITIES MASTER PLAN, THAT ARE NOT INCLUDED IN THIS VERSION.

THE FUNDING PROVIDED BY THIS VERSION, MAY BE USED BY THE APPLICANT FOR THESE NONDESTRUCTIVE PROJECT PLANNING ACTIVITIES, WHICH INCLUDES A&E DESIGN. TO REMAIN IN COMPLIANCE WITH SECTION 106 OF THE NHPA, THESE PLANNING ACTIVITIES MUST NOT RESTRICT THE SUBSEQUENT CONSIDERATION OF ALTERNATIVES TO AVOID, MINIMIZE, OR MITIGATE AN UNDERTAKING'S EFFECTS ON HISTORIC PROPERTIES, THE HUMAN ENVIRONMENT, AND THE NATURAL ENVIRONMENT SHOULD THEY BE CONSIDERED ADVERSE ACCORDING TO THE TERMS OF SECTION 106.

REPAIR & OPEN SCHOOLS: AS PREVIOUSLY STATED IN SECTION 3, THE & REPAIR & OPEN & BUILDINGS HAVE HAD PARTIAL, TEMPORARY, OR FULL REPAIRS PERFORMED AND HAVE BEEN REOPENED FOR USE. THE REPAIRS WERE RUDIMENTARY AND SOME INCLUDED IMPROVEMENTS SUCH AS APPLICANT-IDENTIFIED CODES AND STANDARDS, UPGRADES, AND REPAIRS DUE TO DEFERRED MAINTENANCE. DISTINGUISHING ELIGIBLE REPAIRS FROM INELIGIBLE REPAIRS HAS PROVEN TO BE A GREAT CHALLENGE. THE APPLICANT INTENDS TO SEEK REIMBURSEMENT FOR THE NECESSARY WORK PERFORMED TO OPEN THE & REPAIR & OPEN & SCHOOLS. THIS WORK IS ELIGIBLE FOR REIMBURSEMENT CONTINGENT UPON ITS REVIEW AND ELIGIBILITY AS PART OF THIS ALTERNATE PROJECT OR THE ORIGINAL CONTRIBUTING PW (LISTED IN ATTACHMENT 6). ANY WORK NOT REVIEWED AS PART OF THIS PW OR IN A CONTRIBUTING PW MUST BE SUBMITTED FOR REVIEW BY FEMA. THE APPLICANT IS ELIGIBLE TO SUBMIT INVOICES FOR WORK PERFORMED FROM THE TIME OF THE DISASTER THROUGH THE COMPLETION OF THE MASTER PLAN. THE GRANTEE WILL MAKE DETERMINATIONS TO ENSURE THAT WORK IS ELIGIBLE AND REASONABLE UNDER THE PRUDENT PERSON STANDARD DEFINED

IN OMB CIRCULAR A-87 IN CONSIDERATION OF THE PREVAILING CONDITIONS AND COSTS AT THE TIME IT WAS PERFORMED.

TREATMENT OF ADVERSE EFFECTS: THE APPLICANT MAY UTILIZE GRANT FUNDING FROM THIS ALTERNATE PROJECT TO IMPLEMENT MITIGATION MEASURES REQUIRED UNDER SECTION 106 THAT GO BEYOND FEMA ELIGIBLE AND FUNDED ACTIVITIES (I.E. THOSE ACTIVITIES FUNDED THROUGH THE ORIGINAL CONTRIBUTING PW AS PART OF DEMOLITION ACTIVITIES). THIS MAY INCLUDE THE MOTHBALLING OF HISTORIC BUILDINGS IN ACCORDANCE WITH THE SECRETARY OF THE INTERIOR PRESERVATION BRIEF #31 (ATTACHMENT 28).

## 7) DE-OBLIGATION OF CONTRIBUTING PROJECT WORKSHEETS

IN ORDER TO FORMULATE THE SINGLE SETTLEMENT REQUEST (SSR) THE REPLACEMENT SCOPE FROM THE INDIVIDUAL PWS IN ATTACHMENT 6 MUST BE DE-OBLIGATED. THE DE-OBLIGATION PROCESS FIRST IDENTIFIES SCOPE THAT IS SITE SPECIFIC, SUCH AS DEMOLITION, ABATEMENT, AND SITE RESTORATION MEASURES ASSOCIATED WITH DEMOLITION ACTIVITIES THAT SHOULD REMAIN WITH THE ORIGINAL PW. BECAUSE SITE SPECIFIC SOW AND ASSOCIATED FUNDING SUCH AS DEMOLITION FOR FACILITIES ELIGIBLE FOR REPLACEMENT CANNOT BE INCORPORATED INTO THE SCOPE OF THE ALTERNATE PROJECT, THIS SOW AND ASSOCIATED FUNDING REMAINS WITH THE ORIGINAL PW FOR THE EXECUTION OF THAT ELIGIBLE WORK. THIS WORK WILL BE FUNDED AT ACTUAL COST, AND UNUTILIZED DEMOLITION FUNDS WILL BE DE-OBLIGATED FROM THE CONTRIBUTING PW. THIS WILL INCLUDE ELIGIBLE ACTIVITIES PERFORMED AS PART OF MOTHBALLING (E.G. SELECTIVE DEMOLITION AND HAZARDOUS MATERIALS ABATEMENT) ON SOME HISTORIC PROPERTIES USING THE SECRETARY OF INTERIOR PRESERVATION BRIEF #31 (ATTACHMENT 28). AS PREVIOUSLY STATED IN THIS PW, THE APPLICANT MUST RENDER THE CONTRIBUTING FACILITY SAFE AND SECURE OR DEMOLISH THE FACILITY IF IT IS NOT REPAIRED, REPLACED, OR SOLD PER FEMA POLICY 9525.13 (SEE ATTACHMENT 24).

ALL OTHER ELIGIBLE WORK AND ASSOCIATED FUNDING IS DE-OBLIGATED FROM THE ORIGINAL PW. THE ELIGIBLE NON-SITE SPECIFIC WORK AND ASSOCIATED FUNDING IS CAPTURED IN THIS ALTERNATE

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PROJECT PW. ATTACHMENT 25 IDENTIFIES THE PWS TO BE DE-OBLIGATED AND THE AMOUNT THAT WILL REMAIN WITH THE ORIGINAL CONTRIBUTING PW.

THE PREVIOUSLY OBLIGATED ALTERNATE PROJECT PW 18597 (AKA THE 'QUICK START' SCHOOLS PW) WILL ALSO BE DE-OBLIGATED FOLLOWING THE SAME PROCESS. PW 18597 IS A PRIOR CONSOLIDATION OF THE NON-SITE SPECIFIC SOW OF 138 CONTRIBUTING PWS. SINCE PW 18597 IS COMPOSED OF ONLY NON-SITE SPECIFIC SOW, THAT PW WILL DE-OBLIGATED IN ITS ENTIRETY. THE 138 PWS WHICH CONTRIBUTE TO PW 18597 HAVE ALREADY GONE THROUGH THE NECESSARY DE-OBLIGATION PROCESS (I.E. THE SITE-SPECIFIC FUNDING AND SOW HAVE BEEN DEFINED AND REMAINS IN THE CONTRIBUTING PWS).

### 8) GENERAL CONDITIONS

COSTS INCURRED BY THE APPLICANT TO PERFORM THE ELIGIBLE WORK IDENTIFIED IN THIS PW (AND SUBSEQUENT VERSIONS) THAT EXCEED THE ELIGIBLE CAPPED FUNDING FROM THE AGGREGATE, CONTRIBUTING REPLACEMENT PROJECTS ARE THE RESPONSIBILITY OF THE APPLICANT. OTHER ELIGIBLE ACTIVITY NOT APPROPRIATE FOR INCLUSION IN THIS ALTERNATE PROJECT (I.E. THE 'ADDITIONAL CRITICAL RECOVERY COSTS') WILL BE HANDLED UNDER SEPARATE PWS.

FOR ALL DONOR SCHOOLS, THE RSD MUST COMPLY WITH ALL CONDITIONS SET FORTH BY FEMA ENVIRONMENTAL AND HISTORIC PRESERVATION SUCH AS SECTION 106 OF THE NATIONAL HISTORIC PRESERVATION ACT (NHPA), EXECUTIVE ORDER 11988, THE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA), AND THE NATIONAL FLOOD INSURANCE ACT AS A CONDITION OF FEDERAL FUNDING. THE PUBLIC MUST BE PROPERLY NOTIFIED OF THE ACTIONS TAKEN AT THE CONTRIBUTING AND PROPOSED RSD SCHOOLS.

IF A CONTRIBUTING FACILITY LISTED IN ATTACHMENT 6 IS NOT DEMOLISHED THE APPLICANT MUST TAKE STEPS TO RENDER THE FACILITY STABILIZED, SAFE, AND SECURE. THESE MEASURES MAY INCLUDE BOARDING UP WINDOWS AND DOORS, PREVENTION OF FALLING DEBRIS, SECURITY FENCING AND OTHER ACTIONS TO PREVENT THE STRUCTURES FROM VANDALISM. RSD IS RESPONSIBLE FOR ALL ON-GOING MAINTENANCE COSTS ASSOCIATED WITH THESE MEASURES (FEMA POLICY 9525.13 ALTERNATE PROJECTS; ATTACHMENT

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24). FOR THOSE PROJECTS THAT QUALIFY FOR REPLACEMENT THESE ACTIVITIES MAY BE ELIGIBLE WORK SHOULD THE APPLICANT CHOOSE TO RENDER A BUILDING SAFE AND SECURE IN PLACE OF DEMOLITION. SUCH ACTIVITIES WILL BE REIMBURSED THROUGH THE ORIGINAL PW, INCLUDING MOTHBALLING TO SOLI....PRESERVATION BRIEF #31 IS ALLOWED TO AVOID ADVERSE AFFECT ON HISTORIC PROPERTIES.

ALTERNATE PROJECTS REQUIRE THE ORIGINAL SITE ; IF NOT SOLD OR REPAIRED ; TO BE RENDERED SAFE AND SECURE OR DEMOLISHED (FEMA POLICY 9525.13, ALTERNATE PROJECTS; ATTACHMENT 24). ATTACHMENT 6 LISTS THE APPLICANT'S INTENTIONS FOR CONTRIBUTING BUILDINGS (E.G. DEMOLISH THE BUILDING, RENDER SAFE AND SECURE, REPAIR THE BUILDING).

THIS ALTERNATE PROJECT MUST COMPLY WITH THE CONDITIONS SET FORTH IN THE ASSOCIATED LOUISIANA RECOVERY OFFICE (LRO) APPROVAL LETTER STIPULATING VARIOUS CONDITIONS FOR THIS PROJECT. FAILURE TO COMPLY WITH THESE CONDITIONS MAY JEOPARDIZE FEDERAL FUNDING. NOTE: THE ESTIMATED FUNDING AMOUNT IN THE LRO APPROVAL LETTER FOR THIS PROJECT IS SUBJECT TO CHANGE BASED ON ELIGIBILITY AND SPECIAL CONSIDERATIONS REVIEWS (E.G. INSURANCE REDUCTIONS AND NFIP REDUCTIONS) AS WELL AS ANY OTHER APPLICABLE CREDITS TO PREVENT DUPLICATION OF BENEFITS PER 44 CFR 206.226(A)(1).

FEMA HAS PROVIDED TEMPORARY FACILITIES TO ALLOW FOR THE CONTINUED EDUCATION OF THE RETURNING STUDENT POPULATION. THESE FACILITIES REPRESENT CLASSROOM SPACE TO PROVIDE FOR THE APPLICANT'S IMMEDIATE NEEDS WHILE THEY RESTORE AND REBUILD THEIR INFRASTRUCTURE. THE APPROVAL OF THIS REQUEST DOES NOT LIMIT OR REDUCE THE REQUIREMENT FOR TEMPORARY SCHOOLS. AS SUCH, NO REDUCTION IN FUNDING FOR THE TEMPORARY SCHOOLS THAT CURRENTLY EXIST WILL BE INITIATED AS A RESULT OF THIS ACTION. HOWEVER, FUNDING APPROVED FOR TEMPORARY FACILITIES MAY NOT BE APPLIED TO AN ALTERNATE PROJECT DEFINED BY 44 CFR 206.203 (D)(2).

ANY COSTS THAT WOULD NOT NORMALLY BE ELIGIBLE UNDER THE FEMA PUBLIC ASSISTANCE PROGRAM ARE INELIGIBLE FOR THIS PROJECT (I.E., LANDSCAPING PR

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OBJECTS NOT ASSOCIATED WITH EROSION CONTROL, PROPERTY ACQUISITION, ETC.).

THE APPLICANT IS REQUIRED TO OBTAIN AND MAINTAIN INSURANCE FOR ANY NEW FACILITY IN AN AMOUNT EQUAL TO THE ALTERNATE PROJECT FUNDING IN ACCORDANCE WITH 44 CFR 206.203(D)(2)(V) AND SECTION 311 OF THE STAFFORD ACT.

THIS LARGE PROJECT WILL BE CLOSED IN ACCORDANCE WITH THE GRANTEES CLOSEOUT PROCEDURES AND 44CFR13.

IF AFTER THE OBLIGATION OF THIS ALTERNATE PROJECT, THE APPLICANT DESIRES TO REASSIGN ANY OF THE FUNDS TO PROJECTS OTHER THAN THE ELIGIBLE, NONDESTRUCTIVE PROJECT PLANNING ACTIVITIES, (E.G. PM AND A&E DESIGN) AS WELL AS THE APPROVED PROJECTS ADDRESSED IN THE SITE SHEETS ATTACHED TO THIS PROJECT WORKSHEET, REVISED PROJECT SCOPES OF WORK WILL NEED TO BE SUBMITTED THROUGH GOHSEP TO FEMA FOR FURTHER APPROVAL PRIOR TO THE DISBURSEMENT OF FUNDS.

## ATTACHMENTS

1. CONSOLIDATED APPROPRIATIONS ACT, 2008 § SECTION 552
2. RSD NOVEMBER 24, 2009 SINGLE SETTLEMENT REQUEST LETTER
3. NEW ORLEANS PUBLIC SCHOOLS PATHWAY TO RECOVERY PRESENTATION, NOVEMBER 24, 2009
4. §A BLUEPRINT: BUILDING 21ST CENTURY SCHOOLS FOR NEW ORLEANS § § AUGUST 2008
5. SUPERINTENDENT §S AMENDMENT TO THE SCHOOL FACILITY MASTER PLAN FOR ORLEANS PARISH § NOVEMBER 2008
6. CONTRIBUTING BUILDINGS
7. DAP 9524.4, ELIGIBILITY OF FACILITIES FOR REPLACEMENT
8. PROPOSED SCHOOLS WITH ADDRESSES
9. QUICK START FUNDING BREAKDOWN BY SCHOOL
10. 16 SCHOOL COST-COMPARISON FOR REPLACEMENT WORK
11. 2009 ANNUAL SCHOOL CONSTRUCTION REPORT
12. NON-BRICKS & MORTAR CONSTRUCTION COST ANALYSIS
13. COST ESCALATION CALCULATION FOR EDUCATION PROJECTS
14. LOUISIANA CAPITAL IMPROVEMENT PROJECTS PROCEDURE MANUAL FOR DESIGN AND CONSTRUCTION, 2006 EDITION
15. PROJECT MANAGEMENT FUNDS FOR CITY OF NEW ORLEANS, LETTER TO GOHSEP FROM FEMA, MAY 1, 2007
16. ADDITIONAL REPLACEMENT PROJECT DETERMINATIONS
17. COST ESCALATION ADJUSTMENT FOR QUICK START SCHOOLS
18. GROUPING AND PER-SF UNIT COST TABLES FOR §REPAIR § OPEN § PROJECTS
19. REPORT ON ESTABLISHI

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INF TYPE  INF  
 NON-INF  
 REC

SUBDIVISION

FEMA PW # 19166 VSN 0 REF# AP982

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## SITE NUMBER 1 - SCOPE OF WORK

NG A DAMAGE RATING

20. ¿REPAIR ¿ OPEN¿ FIELD VERIFICATION RESULTS
21. EHP SPECIAL PROJECTS CHECKLIST
22. EHP ALTERNATIVE ARRANGEMENTS
23. SECONDARY PROGRAMMATIC AGREEMENT BETWEEN FEMA, SHPO AND RSD-OPSB FOR THE IMPLEMENTATION OF SCHOOL FACILITIES MASTER PLAN FOR ORLEANS PARISH
24. REMOVED
25. REMOVED
26. DAP 9525.13, ALTERNATE PROJECTS
27. PW DE-OBLIGATION LIST
28. SECRETARY OF INTERIOR PRESERVATION BRIEF #31
29. ACT 35
30. LIST OF CONTRIBUTING PROJECTS NOT INCLUDED IN THIS VERSION
31. SITE SHEETS

## RSD DAC SCOPE OF WORK

THIS SECTION OF THIS PW ADDRESSES FUNDING FOR DIRECT ADMINISTRATIVE COSTS (DAC) INCURRED BY THE APPLICANT FOR GRANT RELATED WORK ASSOCIATED WITH THE PERMANENT REPAIR OR REPLACEMENT OF DAMAGED FACILITIES. THE AUTHORITY TO PROVIDE THE FUNDING FOR DAC IS THE DISASTER MITIGATION ACT OF 2000 (P.L. 106-390) AS DETERMINED BY FEMA THROUGH A SECOND APPEAL FOR THE CITY OF HOUSTON. THIS PW CAPTURES COSTS FOR DIRECT ADMINISTRATIVE WORK AND PROVIDES A SINGLE GRANT BASED ON A LISTING OF TASK AND ESTIMATE PROVIDED BY THE APPLICANT. DIRECT ADMINISTRATIVE COSTS ARE LIMITED TO ACTUAL REASONABLE COSTS INCURRED FOR A SPECIFIC PROJECT AND NECESSARY FOR FEDERAL FUNDING. SUCH COSTS WILL BE CONSIDERED PROJECT COSTS. DIRECT COSTS WERE DETERMINED USING OMB CIRCULAR A-87.

RSD CONTRACTED WITH CONSULTING FIRMS TO PROVIDE PROJECT MANAGEMENT SERVICES, AND SUBSEQUENTLY DIRECT ADMINISTRATIVE ACTIVITIES. RSD DOES NOT HAVE THE RESOURCES ON STAFF TO EFFICIENTLY MANAGE THE DIRECT ADMINISTRATIVE REQUIREMENTS TO TRACK OVER ELEVEN HUNDRED FEDERAL GRANTS AWARDED, WHICH ARE COLLAPSED INTO THIS SINGLE PROJECT. THE LIST OF TASK PROVIDED BY THE APPLICANT HAS BEEN REVIEWED AND DETERMINED AS NECESSARY AND ELIGIBLE FOR FUNDING UNDER DAC (SEE ATTACHED LIST OF TASKS).

THE APPLICANT HAS ALSO PROVIDED AN ESTIMATE TO PERFORM THE ABOVE TASKS. THE LEVEL OF EFFORT HAS BEEN DETERMINED TO BE REASONABLE FOR THE FIRST THREE YEARS; HOWEVER IT WAS EXCESSIVE IN TH

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E LATER YEARS. TOTAL FUNDING WAS REDUCED DUE TO AN ANTICIPATED REDUCTION IN WORK LOAD IN THE LATER YEARS.(SEE ENCLOSED SCHEDULE) SINCE THE APPLICANT HAS ELECTED A FUNDING OPTION THE DAC FUNDING PROVIDED UNDER THIS PW IS CAPPED AT THIS AMOUNT (\$ 17,898,628). HOWEVER ALTERNATE PROJECT FUNDING RULES APPLY.

PROCUREMENT OF PROFESSIONAL SERVICES CONSULTING FIRMS WAS ACCOMPLISHED THROUGH A REQUEST FOR PROPOSAL (RFP) PROCESS SOLICITED BY RSD. ALTHOUGH INITIALLY CONTRACTED FOR PROJECT MANAGEMENT, THE CONSULTING FIRM ALSO PERFORMED DIRECT ADMINISTRATIVE WORK RELATED TO ALL PWS PREPARED FOR RSD. THE BASE PM CONTRACT WAS LATER AMENDED TO INCLUDE NECESSARY DIRECT ADMINISTRATIVE DISCIPLINES AND ACTIVITIES FOR RSD. THE INITIAL COMINGLING OF THE PM AND DA ACTIVITIES OCCURRED PRIOR TO THE HOUSTON APPEAL REFERENCED IN THE DAMAGE DIMENSIONS AND DESCRIPTION OF THIS PW.

IN ADDITION TO THE SERVICES NECESSARY TO RESTORE THE DAMAGED FACILITIES THIS PW IS FUNDING SERVICES NECESSARY TO PREPARE THE MASTER PLAN. THE MASTER PLAN IS AN INSTRUMENTAL COMPONENT OF THE APPLICANT'S ALTERNATE PROJECT, AS IT WAS NECESSARY IN ORDER TO FORMULATE THE ALTERNATE PROJECT. IT INCLUDES A DEMOGRAPHIC STUDY DUE TO POPULATION SHIFTS, PERFORMS AN ANALYSIS OF EXISTING STRUCTURES, THEIR VIABILITY AND REUSE CAPACITY IN LIGHT OF THE POPULATION SHIFTS AND THE NEED TO RESTORE THE SCHOOL SYSTEM. THE PLAN WILL BE CONSIDERED THROUGH THE MID-POINT OF CONSTRUCTION WITH REGARD TO DAC. FUNDING FOR THE MASTER PLAN FOR RSD IS \$5,418,485.00.

TOTAL DAC FUNDING: \$17,898,628 + \$5,418,485 IS \$23,317,113.

CLOSEOUT WILL REQUIRE COSTS TO BE TRACKED TO ELIGIBLE TASKS PERFORMED AND SITES ADDRESSED. DAC'S ARE NOT INTENDED TO DUPLICATE FUNDING PROVIDED UNDER THE SLIDING SCALE, PM OR A/E SERVICES, AND ARE APPLICABLE ONLY TO THOSE ACTIVITIES NECESSARY FOR AND DIRECTLY RELATED TO THE FEMA GRANT.

NOTE: PORTIONS OF THE MASTER PLAN WERE FUNDED BY ORLEANS PARISH SCHOOL BOARD (OPSB) AND ARE CAPTURED UNDER THE OPSB D

AC PW.

ATTACHMENTS:

- FEMA DIRECT ADMINISTRATIVE COSTS - OPSB ( TASK 2, TASK 5, AND LEVEL OF EFFORT SUBMITTED BY APPLICANT )
- LISTING OF PWS CAPTURED

SEE ATTACHMENTS FOR ADDITIONAL DAC SCOPE OF WORK

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SITE NUMBER 2 of 20

FACILITY NAME FANNIE C. WILLIAMS ELEMENTARY SCHOOL

Latitude 30.02894

ADDRESS 11755 DWYER RD

Longitude -89.9491

CITY NEW ORLEANS

STATE LA ZIP

Was this site previously damaged?  Yes  No  Unsure

SITE NUMBER 2 - LOCATION

11755 DWYER RD. NEW ORLEANS, LA

SITE NUMBER 2 - DAMAGE DIMENSIONS AND DESCRIPTION

SITE NUMBER 2 - SCOPE OF WORK

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SITE NUMBER 3 of 20

FACILITY NAME MILDRED C. OSBORNE ELEMENTARY SCHOOL

Latitude 30.033239

ADDRESS 6701 CURRAN RD.

Longitude -89.015514

CITY NEW ORLEANS

STATE LA ZIP

Was this site previously damaged?  Yes  No  Unsure

SITE NUMBER 3 - LOCATION

6701 CURRAN RD., NEW ORLEANS, LA

SITE NUMBER 3 - DAMAGE DIMENSIONS AND DESCRIPTION

SITE NUMBER 3 - SCOPE OF WORK

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SITE NUMBER 4 of 20

FACILITY NAME PARKVIEW ELEMENTARY SCHOOL

Latitude 30.01028

ADDRESS 4617 MIRABEAU AVENUE

Longitude -90.037342

CITY NEW ORLEANS

STATE LA ZIP

Was this site previously damaged?  Yes  No  Unsure

SITE NUMBER 4 - LOCATION

4617 MIRABEAU AVENUE., NEW ORLEANS, LA

SITE NUMBER 4 - DAMAGE DIMENSIONS AND DESCRIPTION

SITE NUMBER 4 - SCOPE OF WORK

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SITE NUMBER 5 of 20

FACILITY NAME JEAN BATISTE DE BIENVILLE ELEMENTARY SCHOO

Latitude 30.009675

ADDRESS 1456 GARDENA DRIVE

Longitude -90.077917

CITY NEW ORLEANS

STATE LA ZIP

Was this site previously damaged?  Yes  No  Unsure

SITE NUMBER 5 - LOCATION

1456 GARDENA DRIVE., NEW ORLEANS, LA

SITE NUMBER 5 - DAMAGE DIMENSIONS AND DESCRIPTION

SITE NUMBER 5 - SCOPE OF WORK

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SITE NUMBER 6 of 20

FACILITY NAME JOHN W. HOFFMAN ELEMENTARY SCHOOL

Latitude 29.94531

ADDRESS 2622 S. PRIEUR STREET

Longitude -90.09292

CITY NEW ORLEANS

STATE LA ZIP

Was this site previously damaged?  Yes  No  Unsure

SITE NUMBER 6 - LOCATION

2622 S. PRIEUR STREET., NEW ORLEANS, LA

SITE NUMBER 6 - DAMAGE DIMENSIONS AND DESCRIPTION

SITE NUMBER 6 - SCOPE OF WORK

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SITE NUMBER 7 of 20

FACILITY NAME LANGSTON HUGHES ELEMENTARY SCHOOL

Latitude 29.98782

ADDRESS 3519 TRAFALGAR STREET

Longitude -90.08057

CITY NEW ORLEANS

STATE LA ZIP 70113

Was this site previously damaged?  Yes  No  Unsure

SITE NUMBER 7 - LOCATION

3519 TRAFALGAR STREET., NEW ORLEANS, LA 70113

SITE NUMBER 7 - DAMAGE DIMENSIONS AND DESCRIPTION

SITE NUMBER 7 - SCOPE OF WORK

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SITE NUMBER 8 of 20

FACILITY NAME ANDREW WILSON ELEMENTARY SCHOOL

Latitude 29.94611

ADDRESS 3617 GENERAL PERSHING STREET

Longitude -90.10288

CITY NEW ORLEANS

STATE LA ZIP 70125

Was this site previously damaged?  Yes  No  Unsure

SITE NUMBER 8 - LOCATION

3617 GENERAL PERSHING STREET, NEW ORLEANS, LA 70125

SITE NUMBER 8 - DAMAGE DIMENSIONS AND DESCRIPTION

SITE NUMBER 8 - SCOPE OF WORK

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SITE NUMBER 9 of 20

FACILITY NAME CARTER G. WOODSON ELEMENTARY SCHOOL

Latitude 29.93966

ADDRESS 2514 THIRD STREET

Longitude -90.090438

CITY NEW ORLEANS

STATE LA ZIP

Was this site previously damaged?  Yes  No  Unsure

SITE NUMBER 9 - LOCATION

2514 THIRD STREET, NEW ORLEANS, LA

SITE NUMBER 9 - DAMAGE DIMENSIONS AND DESCRIPTION

SITE NUMBER 9 - SCOPE OF WORK

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SITE NUMBER 10 of 20

FACILITY NAME EDWARD LIVINGSTON HIGH SCHOOL

Latitude 30.021445

ADDRESS 7301 DWYER ROAD

Longitude -90.003287

CITY NEW ORLEANS

STATE LA ZIP

Was this site previously damaged?  Yes  No  Unsure

SITE NUMBER 10 - LOCATION

7301 DWYER ROAD, NEW ORLEANS, LA

SITE NUMBER 10 - DAMAGE DIMENSIONS AND DESCRIPTION

SITE NUMBER 10 - SCOPE OF WORK

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SITE NUMBER 11 of 20

FACILITY NAME LAKE AREA HIGH SCHOOL

Latitude 30.01918

ADDRESS 6026 PARIS AVENUE

Longitude -90.07565

CITY NEW ORLEANS

STATE LA ZIP 70122

Was this site previously damaged?  Yes  No  Unsure

SITE NUMBER 11 - LOCATION

6026 PARIS AVENUE, NEW ORLEANS, LA

SITE NUMBER 11 - DAMAGE DIMENSIONS AND DESCRIPTION

SITE NUMBER 11 - SCOPE OF WORK

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SITE NUMBER 12 of 20

FACILITY NAME BOOKER T. WASHINGTON HIGH SCHOOL

Latitude 29.94976

ADDRESS 1201 S. ROMAN STREET

Longitude -90.08906

CITY NEW ORLEANS

STATE LA ZIP

Was this site previously damaged?  Yes  No  Unsure

SITE NUMBER 12 - LOCATION

1201 S. ROMAN STREET, NEW ORLEANS, LA

SITE NUMBER 12 - DAMAGE DIMENSIONS AND DESCRIPTION

SITE NUMBER 12 - SCOPE OF WORK

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SITE NUMBER 13 of 20

FACILITY NAME L.B. LANDRY HIGH SCHOOL

Latitude 29.94288

ADDRESS 1200 WHITNEY AVENUE

Longitude -90.04074

CITY NEW ORLEANS

STATE LA ZIP 70114

Was this site previously damaged?  Yes  No  Unsure

SITE NUMBER 13 - LOCATION

1200 WHITNEY AVENUE, NEW ORLEANS, LA 70114

SITE NUMBER 13 - DAMAGE DIMENSIONS AND DESCRIPTION

SITE NUMBER 13 - SCOPE OF WORK

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SITE NUMBER 14 of 20

FACILITY NAME RAY ABRAMS ELEMENTARY SCHOOL

Latitude 30.020585

ADDRESS 6519 VIRGILIAN STREET

Longitude -90.016956

CITY NEW ORLEANS

STATE LA ZIP

Was this site previously damaged?  Yes  No  Unsure

SITE NUMBER 14 - LOCATION

6519 VIRGILIAN STREET, NEW ORLEANS, LA

SITE NUMBER 14 - DAMAGE DIMENSIONS AND DESCRIPTION

SITE NUMBER 14 - SCOPE OF WORK

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SITE NUMBER 15 of 20

FACILITY NAME ERNEST "DUTCH" MORIAL ELEMENTARY SCHOOL

Latitude 30.01801

ADDRESS 7701 GRANT STREET

Longitude -89.994138

CITY NEW ORLEANS

STATE LA ZIP

Was this site previously damaged?  Yes  No  Unsure

SITE NUMBER 15 - LOCATION

7701 GRANT STREET, NEW ORLEANS, LA

SITE NUMBER 15 - DAMAGE DIMENSIONS AND DESCRIPTION

SITE NUMBER 15 - SCOPE OF WORK

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SITE NUMBER 16 of 20

FACILITY NAME LOCKETT ELEMENTARY SCHOOL

Latitude 29.982359

ADDRESS 3240 LAW STREET

Longitude -90.037411

CITY NEW ORLEANS

STATE LA ZIP

Was this site previously damaged?  Yes  No  Unsure

SITE NUMBER 16 - LOCATION

3240 LAW STREET, NEW ORLEANS, LA

SITE NUMBER 16 - DAMAGE DIMENSIONS AND DESCRIPTION

SITE NUMBER 16 - SCOPE OF WORK

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SITE NUMBER 17 of 20

FACILITY NAME PAUL L. DUNBAR ELEMENTARY SCHOOL

Latitude 29.97063

ADDRESS 9330 FORSHEY ST.

Longitude -90.123792

CITY NEW ORLEANS

STATE LA ZIP

Was this site previously damaged?  Yes  No  Unsure

SITE NUMBER 17 - LOCATION

9330 FORSHEY ST. NEW ORLEANS, LA

SITE NUMBER 17 - DAMAGE DIMENSIONS AND DESCRIPTION

SITE NUMBER 17 - SCOPE OF WORK

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SITE NUMBER 18 of 20

FACILITY NAME SHERWOOD FOREST ELEMENTARY SCHOOL

Latitude 30.02496

ADDRESS 4801 MAID MARION DRIVE

Longitude -89.955145

CITY NEW ORLEANS

STATE LA ZIP

Was this site previously damaged?  Yes  No  Unsure

SITE NUMBER 18 - LOCATION

4801 MAID MARION DRIVE, NEW ORLEANS, LA

SITE NUMBER 18 - DAMAGE DIMENSIONS AND DESCRIPTION

SITE NUMBER 18 - SCOPE OF WORK

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SITE NUMBER 19 of 20

FACILITY NAME AVERY ALEXANDER

Latitude 30.01807

ADDRESS 5800 ST. ROCH AVENUE

Longitude -90.05688

CITY NEW ORLEANS

STATE LA ZIP

Was this site previously damaged?  Yes  No  Unsure

SITE NUMBER 19 - LOCATION

5800 ST. ROCH AVENUE, NEW ORLEANS, LA

SITE NUMBER 19 - DAMAGE DIMENSIONS AND DESCRIPTION

SITE NUMBER 19 - SCOPE OF WORK

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SITE NUMBER 20 of 20

FACILITY NAME BARBARA JORDON ELEMENTARY SCHOOL

Latitude 30.0133

ADDRESS 4348 REYNES STREET

Longitude -90.01113

CITY NEW ORLEANS

STATE LA ZIP

Was this site previously damaged?  Yes  No  Unsure

**SITE NUMBER 20 - LOCATION**

4348 REYNES STREET, NEW ORLEANS, LA

**SITE NUMBER 20 - DAMAGE DIMENSIONS AND DESCRIPTION**

**SITE NUMBER 20 - SCOPE OF WORK**

**COST ESTIMATE**

ITEM	VSN	CODE	MATERIAL AND/OR DESCRIPTION	UOM	QTY	UNIT PRICE	COST
1	0	0000	WORK TO BE COMPLETED	LS	1	\$0.00	\$0.00
2	0	9999	SINGLE SETTLEMENT REQUEST	LS	1	\$1,230,418,749.67	\$1,230,418,749.67
3	0	9999	COST ESCALATION ADJUSTMENT	LS	1	-\$37,129,956.91	(\$37,129,956.91)
4	0	9901	DIRECT ADMINISTRATIVE COSTS (SUBGRANTEE)	LS	1	\$23,317,113.00	\$23,317,113.00
5	0	5900	DEDUCT ACTUAL INSURANCE PROCEEDS- NFIP	LS	1	-\$330,000.00	(\$330,000.00)
6	0	5901	DEDUCT ANTICIPATED INSURANCE PROCEEDS-FLOOD	LS	1	-\$1,324,632.73	(\$1,324,632.73)
7	0	5902	MANDATORY NFIP REDUCTION - MAXIMUM PROCEEDS AVAILABLE	LS	1	-\$6,487,453.62	(\$6,487,453.62)
8	0	5901	DEDUCT ANTICIPATED INSURANCE PROCEEDS -WIND	LS	1	-\$32,333,555.89	(\$32,333,555.89)
9	0	5900	ADJUST ITEM#4 ACTUAL INS PROCEEDS TO ZERO	LS	1	\$330,000.00	\$330,000.00
10	0	5901	ADJUST ITEM#5 ANTICIPATED INS PROCEEDS TO ZERO	LS	1	\$1,324,632.73	\$1,324,632.73
11	0	5902	ADJUST ITEM#6 MANDATORY NFIP REDUCTION TO ZERO	LS	1	\$6,487,453.62	\$6,487,453.62
12	0	5901	ADJUST ITEM#7 ANTICIPATED INS PROCEEDS TO ZERO	LS	1	\$32,333,555.89	\$32,333,555.89
13	0	5901	DEDUCT ANTICIPATED INSURANCE PROCEEDS	LS	1	-\$106,800,700.00	(\$106,800,700.00)

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## COST ESTIMATE

ITEM	VSN	CODE	MATERIAL AND/OR DESCRIPTION	UOM	QTY	UNIT PRICE	COST
14	0	5900	DEDUCT ACTUAL INSURANCE PROCEEDS NFIP	LS	1	\$-25,776,467.00	(\$25,776,467.00)
15	0	9901	CORRECTION - DIRECT ADMINISTRATIVE COSTS (SUBGRANTEE)	LS	1	\$-1,516,614.60	(\$1,516,614.60)

<b>Eligible Amounts:</b>	<b>Total (this version)</b>	\$1,082,512,124.16
	<b>Total Oblig To Date</b>	\$1,082,512,124.16
	<b>Unobligated + Obligated</b>	\$1,082,512,124.16
	<b>Federal Share for Obligated and Unobligated</b>	\$1,082,512,124.16

## SPECIAL CONSIDERATIONS

- 1 Does the damaged facility or item of work have insurance coverage and/or is it an insurable risk (e.g., buildings, equipment, vehicles, etc.)?  Yes  No  Unsure

**COMMENTS :** 02/24/10 21:10:24 POLICY ON FILE WITH THE FEMA INSURANCE SPECIALIST
- 2 Is the damaged facility located within a floodplain or coastal high hazard area and/or does it have an impact on a floodplain or wetland?  Yes  No  Unsure

**COMMENTS :** 02/24/10 21:10:24 BFE ZONE AE (0), MAP 22071CO230F
- 3 Is the damaged facility or item of work located within or adjacent to a Coastal Barrier Resource System Unit or an Otherwise Protected Area?  Yes  No  Unsure
- 4 Will the proposed facility repairs/reconstruction change the pre-disaster conditions (e.g., footprint, material, location, capacity, use or function)?  Yes  No  Unsure

**COMMENTS :** 02/24/10 21:10:24 ALTERNATE PROJECT UTILIZING FUNDING FROM MULTIPLE FACILITIES

**COMMENTS :** 03/02/10 23:38:52 03/02/2010 - VERSION 0 - 406 MITIGATION IS NOT APPLICABLE FOR ALTERNATE PROJECTS. SECTION 406 PROVIDES DISCRETIONARY AUTHORITY TO FUND MITIGATION MEASURES IN CONJUNCTION WITH THE REPAIR OF DAMAGED FACILITIES. THE MITIGATION MEASURES MUST BE RELATED TO ELIGIBLE DISASTER-RELATED DAMAGES AND MUST DIRECTLY REDUCE THE POTENTIAL OF FUTURE, SIMILAR DISASTER DAMAGES TO THE ELIGIBLE FACILITY. B. DOUGLAS, CFM, 406 MITIGATION SPECIALIST
- 5 Does the applicant have a hazard mitigation proposal or would the applicant like technical assistance for a hazard mitigation proposal?  Yes  No  Unsure

**COMMENTS :** 03/02/10 23:38:52 03/02/2010 - VERSION 0 - 406 MITIGATION IS NOT APPLICABLE FOR ALTERNATE PROJECTS. SECTION 406 PROVIDES DISCRETIONARY AUTHORITY TO FUND MITIGATION MEASURES IN CONJUNCTION WITH THE REPAIR OF DAMAGED FACILITIES. THE MITIGATION MEASURES MUST BE RELATED TO ELIGIBLE DISASTER-RELATED DAMAGES AND MUST DIRECTLY REDUCE THE POTENTIAL OF FUTURE, SIMILAR DISASTER DAMAGES TO THE ELIGIBLE FACILITY. B. DOUGLAS, CFM, 406 MITIGATION SPECIALIST

**COMMENTS :** 02/24/10 21:10:24 406 HAZARD MITIGATION CAN NOT BE APPLIED TO AN ALTERNATE PROJECT.
- 6 Is the damaged facility on the National Register of Historic Places or the state historic listing? Is it older than 50 years? Are there more, similar buildings near the site?  Yes  No  Unsure
- 7 Are there any pristine or undisturbed areas on, or near, the project site? Are there large tracts of forestland?  Yes  No  Unsure
- 8 Are there any hazardous materials at or adjacent to the damaged facility and/or item of work?  Yes  No  Unsure

# PROJECT WORKSHEET REPORT

**DECLARATION NO.** FEMA-LA - DR1603

**PREPARED DATE** 07/22/2010

**FIPS NO.** 033-UA9M2-00

**REPORT DATE** 09/08/2010 15:52

**APPLICANT NAME** RECOVERY SCHOOL DISTRICT

**INF TYPE**  INF  
 NON-INF  
 REC

**SUBDIVISION**

**FEMA PW #** 19166      **VSN** 0      **REF#** AP982

## SPECIAL CONSIDERATIONS

9 Are there any other environmental or controversial issues associated with the damaged facility and/or item of work?       Yes       No       Unsure

## EXISTING INSURANCE

Insurance Type	Policy No.	Bldg/Property Amount	Content Amt	Insurance Amount	Deductible Amount
General	2502295	\$ .00	\$ .00	\$ .00	\$ .00
<b>Yrs Rqd :</b>					
Flood	CFR206252	\$ .00	\$ .00	\$ .00	\$ .00
<b>Yrs Rqd :</b>					

## REQUIRED INSURANCE

Insurance Type	Policy No.	Bldg/Property Amt	Bldg/Prprty Duration	Content Amt	Content Duration	Insurance Amt
Flood	BUILDING	\$1,002,362,585.91		\$ .00		\$ .00
<b>Deductible Amt :</b> \$ .00						
General	BUILDING	\$190,926,206.85		\$ .00		\$ .00
<b>Deductible Amt :</b> \$ .00						

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SUBDIVISION

FEMA PW # 19166 VSN 0 REF# AP982

## FLOODPLAIN

Applicant Type (A)

1. Is the project in a Wetland (Swamp,marsh,etc.)? (B) STEP 1

2. Is the project on a FIA/FEMA map? Map No.

3. Total PW estimated cost of restoration (C)

4. Has this project been damaged by flooding previously? (D) Location

Has a flood insurance payment(s) ever been received? When?

5. Land Use Upstream 5. Land Use Downstream

6. Recommendation

Federal Inspector JOHN D. RENNE', CFM Date 03/03/10 00:00:00

7. Justification For Floodway or Coastal High Hazard Area Location (E)

8. Initial Notice Determination Step 2

(A) Degree of Public Need

(B) No. of Individuals Affected

Repair/Replacement Relocate No FEMA Action

(C) Potential for Controversy

(D) Potential Impact

9. Are the following alternatives feasible? (Base your decision on the considerations listed below)

(A) Engineering (C) Economic Aspects (E) Legal Constraints

STEP 3

	1	2	3	4	5	6
Minimize danger to lives	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N
Minimize damage to facility	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N
Minimize damage elsewhere	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N
Reduce support of floodplain or wetland	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N
Restore floodplain values	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N
Maintain or improve economic resources	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N
Maintain or improve social resources	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N	<input type="radio"/> Y <input checked="" type="radio"/> N

10. Feasible Alternatives that will minimize adverse impacts

- |   |   |
|---|---|
| <input type="checkbox"/> 1. Relocated outside the base floodplain | <input type="checkbox"/> 5. Restore w/o MT                    |
| <input type="checkbox"/> 2. Restore w/ MT                         | <input type="checkbox"/> 6. No action (Disapprove project)    |
| <input type="checkbox"/> 3. Transfer function to another facility | <input type="checkbox"/> 7. Suspend for further investigation |
| <input type="checkbox"/> 4. Reduce scope of work                  |   |

11. Re-evaluate the alternatives. Select the number of the chosen alternative from STEP 3. If none, select "None" and indicate suspension in STEP 8 with a "Z" STEP 6

12. Final Notice Determination

First check if any of the following apply :

- Critical Action  
 PW > \$100,000

# PROJECT WORKSHEET REPORT

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**FIPS NO.** 033-UA9M2-00

**PREPARED DATE** 07/22/2010

**REPORT DATE** 09/08/2010 15:52

**APPLICANT NAME** RECOVERY SCHOOL DISTRICT

**SUBDIVISION**

**INF TYPE**  INF  
 NON-INF  
 REC

**FEMA PW #** 19166 **VSN** 0 **REF#** AP982

- Repair is substantial improvement
- Previously damaged in declared flooded disaster
- Located in floodway or coastal high hazard area
- An individual first notice was issued
- Past flood insurance payment(s)

**STEP 7**

**FEMA Reviewer**

**Date**

**STEP 8**

RENNE, JOHN

03/03/10 00:00:00

1  2  3  4  5  6  7

# PROJECT WORKSHEET REPORT

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SUBDIVISION

FEMA PW # 19166 VSN 0 REF# AP982

**ENVIRONMENTAL - All Environmental Review is complete. Project must be implemented in accordance with conditions list below.**

Laws/EOs	Status
Coastal Barriers Resources Act (CBRA) 03/03/2010 - PROJECT IS NOT LOCATED WITHIN A COASTAL BARRIER RESOURCE UNIT. TIFFANY SPANN, ENVIRONMENTAL SPECIALIST. 08/22/2010 - PROJECT IS NOT LOCATED WITHIN A COASTAL BARRIER RESOURCE UNIT. K. ROWE, ENVIRONMENTAL SPECIALIST.	Completed
Clean Water Act (CWA) 03/03/2010 - THE APPLICANT SHALL IMPLEMENT CONSTRUCTION BEST MANAGEMENT PRACTICES FOR EQUIPMENT AND MATERIALS STORAGE AND CONSTRUCTION ACTIVITIES (INCLUDING EQUIPMENT AND MATERIALS STAGING) TO PREVENT EROSION AND SEDIMENTATION TO SURROUNDING, NEARBY OR ADJACENT WETLANDS. THESE MEASURES ARE TO ENSURE THAT WETLANDS ARE NOT ADVERSELY AFFECTED PER THE CLEAN WATER ACT AND EXECUTIVE ORDER 11990. JOHN D. RENNE', ENVIRONMENTAL SPECIALIST  03/03/2010 THE APPLICANT IS RESPONSIBLE FOR COORDINATING WITH AND OBTAINING ANY REQUIRED SECTION 401 AND SECTION 404 PERMITS(S) FROM THE UNITED STATES ARMY CORPS OF ENGINEERS (USACE) PRIOR TO INITIATING WORK. THE APPLICANT SHALL COMPLY WITH ALL CONDITIONS OF THE REQUIRED PERMIT. ALL COORDINATION PERTAINING TO THESE ACTIVITIES SHOULD BE DOCUMENTED AND COPIES FORWARDED TO THE STATE AND FEMA AS PART OF THE PERMANENT PROJECT FILES. JOHN D. RENNE', ENVIRONMENTAL SPECIALIST  03/03/2010- IF REQUIRED BY LDEQ, THE APPLICANT SHALL REQUIRE ITS CONTRACTOR TO PREPARE, CERTIFY, AND IMPLEMENT A CONSTRUCTION STORM WATER POLLUTION PREVENTION PLAN TO PREVENT SEDIMENT AND CONSTRUCTION MATERIAL TRANSPORT FROM THE SITES (REGULATED UNDER NPDES PROGRAM, SECTION 402). A LOUISIANA POLLUTION DISCHARGE ELIMINATION SYSTEM (LAPDES) PERMIT WILL BE REQUIRED IN ACCORDANCE WITH THE CWA AND THE LOUISIANA CLEAN WATER CODE. ALL COORDINATION PERTAINING TO THESE ACTIVITIES SHOULD BE DOCUMENTED AND COPIES FORWARDED TO THE STATE AND FEMA AS PART OF THE PERMANENT PROJECT FILES. JOHN D. RENNE', ENVIRONMENTAL SPECIALIST	Completed
Coastal Zone Management Act (CZMA) 03/03/10- THIS PROJECT IS LOCATED WITHIN THE LOUISIANA COASTAL MANAGEMENT ZONE. THE APPLICANT IS REQUIRED TO COORDINATE WITH LOUISIANA DEPARTMENT OF NATURAL RESOURCES FOR A COASTAL USE PERMIT. APPLICANT MUST OBTAIN AND COMPLY WITH ANY PERMITTING OR CONSISTENCY FINDING REQUIREMENTS IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL LAW. DOCUMENTATION OF REQUIRED COORDINATION, PERMITS OR CONSISTENCY DETERMINATIONS MUST BE FORWARDED TO LOUISIANA OFFICE OF EMERGENCY PREPAREDNESS AND FEMA FOR INCLUSION IN THE PERMANENT PROJECT FILE. FAILURE TO COMPLY MAY JEOPARDIZE FEDERAL FUNDS. TIFFANY SPANN ENVIRONMENTAL SPECIALIST.	Completed
Endangered Species Act (ESA) 03/3/10 Review of ecological databases, scientific records and technical reports identify that project activities will have no effects to the listed or proposed federal trust resources of Orleans Parish under the protection of the USFWS and National Marine Fisheries Services per the Endangered Species Act and Magnuson-Stevens Fishery Conservation and Management Act, respectively (cite access of web-based maps). Since project sites are located within a "built-out" and/or urbanized infrastructure the review of effects to federally listed species as well as critical habitats is concluded.	Completed
Fish and Wildlife Coordination Act (FWCA) 03/03/10 FEMA evaluated the proposal for impacts such as, impounding, diverting or modifying waters of any stream or body of water under the Fish and Wildlife Coordination Act, Migratory Bird Treaty Act, and Wild and Scenic River Act and has determined that there is not likely to be any adverse effects since protected natural resources prescribed by the aforementioned statutes are not present within or adjacent to project sites (cite access of web-based maps). Review of regulatory compliance is concluded for these laws since project activities and/or actions occur within a built-up and urban infrastructure.	Completed

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FEMA PW # 19166 VSN 0 REF# AP982

Laws/EOs	Status
National Historic Preservation Act (NHPA)	Completed
<p>Section 106 of the National Historic Preservation Act (NHPA) requires Federal agencies to take into account the effects of their undertakings on historic properties and afford the Advisory Council on Historic Preservation a reasonable opportunity to comment on such undertakings. Section 106 requires Federal agencies to identify historic properties that may be affected by the proposed action. Historic properties are districts, sites, buildings, structures, and objects significant in American history, architecture, archeology, engineering and culture that are listed in or determined eligible for listing in the National Register of Historic Places. If adverse effects on historic, archaeological or cultural properties are identified, agencies must consider alternatives that may avoid or minimize the adverse effect. If no such alternatives are determined to be feasible the Federal agency must identify measures that will mitigate the adverse effect to historic properties.</p> <p>8/22/2010 revision 1 to V0 -The Section 106 review of the proposed demolition, construction, repair, or rehabilitation of the 60 school campuses defined in Attachment 31 of Version 0 this Project Worksheet (Undertaking) was conducted in accordance with the Secondary Programmatic Agreement among Federal Emergency Management Agency, State of Louisiana Division of Administration, Office of Community Development, Louisiana State Historic Preservation Officer, Advisory Council on Historic Preservation, Louisiana Department of Education through its Recovery School District (RSD), and Orleans Parish School Board (OPSB) Regarding Implementation of School Facilities Master Plan for Orleans Parish dated August 17, 2009 (RSD/OPSB 2PA). The following comments reflect the Section 106 review of the Undertaking. [See General Comments for review comments] - Amber Martinez, Historic Preservation Specialist</p>	
Clean Air Act (CAA)	Completed
<p>3/10/10- Construction vehicles and equipment shall be maintained in good working order to minimize pollutant emissions.</p> <p>3/10/10 The proposed project includes activities that would produce a minor, temporary, and localized impact on air quality from vehicle emissions and fugitive dust particles. No long-term air quality impact is anticipated. To reduce potential short term effects to air quality from construction related activities, the contractor will be responsible for keeping all excavated areas periodically sprayed with water (when dry), all construction vehicles should be limited to 15 mph in the work area, and all equipment maintained in good working order to minimize pollution/fugitive dust.</p> <p>3/10/10 This project involves the demolition or renovation of a public structure. Regardless of the asbestos content, the applicant is responsible for ensuring that renovation or demolition activities are coordinated with the Louisiana Department of Environmental Quality (LDEQ).</p>	
Toxic Substances Control Act (TSCA)	Completed
<p>03/03/10 - The applicant is responsible for obtaining and/or complying with all federal, state and local permits, ordinances and/or requirements for the collection, handling, storage, transportation and disposal of any medical, hazardous, biological, laboratory/research reagents, radiological, pharmaceutical or toxic flood related waste or debris.</p>	
E.O. 11988: Floodplains	Completed
<p>03/03/2010 - FLOODPLAIN - VERSION 0 - THE CITY OF NEW ORLEANS/ORLEANS PARISH ENROLLED IN THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP), AS OF 08/03/1970. THE PROJECTS ARE REPAIR/REPLACEMENT OF RSD SCHOOL INFRASTRUCTURE PER THE ATTACHED 8-STEP PLANNING AND PUBLIC PARTICIPATION DOCUMENT. NEW CONSTRUCTION MUST COORDINATE AND COMPLY WITH LOCAL FLOODPLAIN ORDINANCES, AND BE BUILT TO CURRENT CODES AND STANDARDS. THE APPLICANT IS REQUIRED TO COORDINATE WITH THE LOCAL FLOODPLAIN ADMINISTRATOR REGARDING FLOODPLAIN DEVELOPMENT PERMIT(S) PRIOR TO THE START OF ANY ACTIVITIES. IN COMPLIANCE WITH EO11988, AN 8-STEP PROCESS, SHOWING CONSIDERED ALTERNATIVES, WAS COMPLETED AND IS ATTACHED OR ON FILE. AS PER 44 CFR 9.11 (D) (9), MITIGATION OR MINIMIZATION STANDARDS MUST BE APPLIED WHERE POSSIBLE. THE REPLACEMENT OF BUILDING CONTENTS, MATERIALS AND EQUIPMENT SHOULD BE, WHERE POSSIBLE, WET OR DRY-PROOFED, ELEVATED, OR RELOCATED TO OR ABOVE THE PRELIMINARY DFIRM ELEVATION. JOHN D. RENNE', CFM, FLOODPLAIN SPECIALIST.</p> <p>08/22/2010 The City of New Orleans/Orleans Parish enrolled in the National Flood Insurance Program (NFIP) as of 03/08/1970. The applicant plans to repair or replace 53 school facilities, and demolish buildings at 7 other school facilities. Per the preliminary Digital Flood Insurance Rate Maps (DFIRM), dated 11/13/2008; 41 of the 53 will be built in the Special Flood Hazard Area (SFHA), zone AE, with base flood elevations (BFE) ranging from a -2 feet North America Vertical Datum (NAVD) to 5 feet NAVD. 12 of 53 are in a shaded zone X, outside the SFHA, in areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood. The 7 demolished facilities are all located in the SFHA. Applicant is required to coordinate with the local floodplain administrator regarding floodplain permit(s) prior to the start of any activities. New construction must be built to the preliminary DFIRM BFE or the local floodplain ordinances; whichever is more stringent and built to current codes and standards. Applicant is responsible for meeting all requirements and permit(s), in compliance with EO 11988. A completed updated 8-Step process showing considered alternatives is attached or on file. Per 44 CFR 9.11(d)(9), in the replacement of building contents, material and equipment, the applicant shall require, as appropriate, disaster proofing of the building and/or elimination of such future losses by relocation of those building contents, materials and equipment to or above the required base flood elevations. Per 44 CFR 9.12, a cumulative final public notice was published 10/26/2007 and is on file.</p>	
E.O. 11990: Wetlands	Completed
<p>03/03/2010 - THE APPLICANT SHALL IMPLEMENT CONSTRUCTION BEST MANAGEMENT PRACTICES FOR EQUIPMENT AND MATERIALS STORAGE AND CONSTRUCTION ACTIVITIES (INCLUDING EQUIPMENT AND MATERIALS STAGING) TO PREVENT EROSION AND SEDIMENTATION TO SURROUNDING, NEARBY OR ADJACENT WETLANDS. THESE MEASURES ARE TO ENSURE THAT WETLANDS ARE NOT ADVERSELY AFFECTED PER THE CLEAN WATER ACT AND EXECUTIVE ORDER 11990. JOHN D. RENNE', ENVIRONMENTAL SPECIALIST</p>	

# PROJECT WORKSHEET REPORT

DECLARATION NO. FEMA-LA - DR1603

PREPARED DATE 07/22/2010

FIPS NO. 033-UA9M2-00

REPORT DATE 09/08/2010 15:52

APPLICANT NAME RECOVERY SCHOOL DISTRICT

INF TYPE  INF  
 NON-INF  
 REC

SUBDIVISION

FEMA PW # 19166 VSN 0 REF# AP982

Laws/EOs	Status
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E.O. 12898: Environmental Justice for Low Income and Minority Populations	Completed
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3/03/10 - In compliance with Executive Order 12898, Environmental Justice, FEMA assessed the socio-economic conditions and potential disproportionate effects related to the proposed actions. The Recovery School District (RSD) is comprised of approximately thirty-five thousand students. RSD was formed by the State of Louisiana prior to Hurricane(s) Katrina/Rita. In order to restore education to New Orleans and the surrounding areas, a massive planning effort occurred. Several hundred meetings were held across the entire district and meeting participation (participation or sharing of information) was made available to evacuees in other states. More than 2,000 pages of public comments are on record in the RSD and FEMA archives.

More than 95 percent (approximately) of the students attending RSD schools are African-American. Approximately 85-90 percent of the student body qualifies for free lunch because of their socio-economic status. FEMA has determined that both minority and low-income populations have been identified and that RSD has done due diligence to include and represent the needs of the changing population. However, the RSD Master Plan has indicated that the 2010 U.S. Census data will assist in refining the locality of schools to best serve the current and future populations. The master plan also identified restructuring efforts for RSD school districts that included the criteria of not detrimentally affecting low income and minority populations in the decision-making of a school site.

RSD has provided sufficient documentation to demonstrate satisfactory public involvement process throughout the formulation of the "Master Plan", "A Blueprint: Building 21st Century Schools for New Orleans".

EO 13112: Invasive Species	Completed
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3/03/10 In accordance with the Formosan Termite Initiative Act, (LA R.S. 3:3391.1 thru 3391.13) the Louisiana parish of Orleans is under quarantine. The movement of wood or cellulose material, temporary housing or architectural components (e.g. beams, doors and other wood salvaged from a structure) may not leave the quarantined parishes without written authorization from the commissioner of the Louisiana Department of Agriculture and Forestry or his designee(s).

**NEPA Level of Review - NEPA review is complete. An Environmental Impact Statement has been completed and a Record of Decision issued. - TSPANN2**

Publication of Notice of Intent to Prepare EIS	03/23/2006
Record of Decision (ROD)	08/22/2010

### Required Conditions Resulting from Environmental Review

Law Name	Conditions Required	Entered By	Monitoring Required	Monitoring Completed Date	Monitoring Completed By
Clean Air Act (CAA)		KROWE	<input type="checkbox"/>	00/00/0000	
	Per Clean Air Act National Emission Standards for Hazardous Air Pollutant Regulations and Louisiana Administrative Code 33:iii 5151, demolition activities related to possible asbestos-containing materials (PACM) must be inspected for ACM/PACM where it is safe to do so. ACM/PACM must be handled in accordance with local, state and federal regulations and disposed of at approved facilities that accept ACM. Demolition activity notification must be sent to the LDEQ before work begins. K.Rowe, Environmental Specialist				
Clean Water Act (CWA)		JRENNE	<input type="checkbox"/>	00/00/0000	
	03/03/2010 THE APPLICANT IS RESPONSIBLE FOR COORDINATING WITH AND OBTAINING ANY REQUIRED SECTION 401 AND SECTION 404 PERMITS(S) FROM THE UNITED STATES ARMY CORPS OF ENGINEERS (USACE) PRIOR TO INITIATING WORK. THE APPLICANT SHALL COMPLY WITH ALL CONDITIONS OF THE REQUIRED PERMIT. ALL COORDINATION PERTAINING TO THESE ACTIVITIES SHOULD BE DOCUMENTED AND COPIES FORWARDED TO THE STATE AND FEMA AS PART OF THE PERMANENT PROJECT FILES. JOHN D. RENNE', ENVIRONMENTAL SPECIALIST				
		JRENNE	<input type="checkbox"/>	00/00/0000	
	03/03/2010- IF REQUIRED BY LDEQ, THE APPLICANT SHALL REQUIRE ITS CONTRACTOR TO PREPARE, CERTIFY, AND IMPLEMENT A CONSTRUCTION STORM WATER POLLUTION PREVENTION PLAN TO PREVENT SEDIMENT AND CONSTRUCTION MATERIAL TRANSPORT FROM THE SITES (REGULATED UNDER NPDES PROGRAM, SECTION 402). A LOUISIANA POLLUTION DISCHARGE ELIMINATION SYSTEM (LAPDES) PERMIT WILL BE REQUIRED IN ACCORDANCE WITH THE CWA AND THE LOUISIANA CLEAN WATER CODE. ALL COORDINATION PERTAINING TO THESE ACTIVITIES SHOULD BE DOCUMENTED AND COPIES FORWARDED TO THE STATE AND FEMA AS PART OF THE PERMANENT PROJECT FILES. JOHN D. RENNE', ENVIRONMENTAL SPECIALIST				
Coastal Zone Management Act (CZMA)		KROWE	<input type="checkbox"/>	00/00/0000	
	This project is located within the Louisiana Coastal Management Zone. LA Department of Natural Resources (DNR) has determined that receipt of federal assistance is consistent with the Louisiana Coastal Resource Program. Projects within the coastal zone may still require a coastal use permit or other authorization from DNR. K.Rowe, Environmental Specialist				

# PROJECT WORKSHEET REPORT

**DECLARATION NO.** FEMA-LA - DR1603

**PREPARED DATE** 07/22/2010

**FIPS NO.** 033-UA9M2-00

**REPORT DATE** 09/08/2010 15:52

**APPLICANT NAME** RECOVERY SCHOOL DISTRICT

**INF TYPE**  INF  
 NON-INF  
 REC

**SUBDIVISION**

**FEMA PW #** 19166      **VSN** 0      **REF#** AP982

**Required Conditions Resulting from Environmental Review**

Law Name	Conditions Required	Entered By	Monitoring Required	Monitoring Completed Date	Monitoring Completed By
E.O. 11988: Floodplains		JRENNE	<input type="checkbox"/>	00/00/0000	

Restoration projects conducted with Public Assistance grant funds must be carried out in accordance with the local floodplain management plan and ordinance and shall utilize the current Draft Preliminary Digital Flood Insurance Rate Maps as the "best available data" as a minimum standard. Exceptions to this requirement shall be reported to the Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP), FEMA Environmental, and the local floodplain manager before undertaking the action. John Renne, CFM, Environmental and Floodplain Specialist

Applicant is required to coordinate with the local floodplain administrator regarding floodplain permit(s) prior to the start of any activities. Applicant is responsible for obtaining and retaining all permits and certificates for verification. All coordination pertaining to these permit(s) should be documented to the local floodplain administrator and copies provided to LA GOHSEP and FEMA as part of the permanent project files. In compliance with EO11988, an 8-Step process showing considered alternatives was completed and is attached or on file. Replacement of the building must be elevated to or above the base flood elevation (BFE) per the maps. As Per 44 CFR 9.11 (D) (9), mitigation or minimization standards must be applied where possible. The replacement of building contents, materials and equipment should be, where possible, wet or dry flood-proofed, elevated, or relocated to or above the BFE per the DFIRM Maps. K.Rowe, Environmental Specialist

JRENNE            00/00/0000

Public Assistance grant funded projects carried out in the floodplain or affecting the floodplain must be coordinated with the local floodplain administrator for a floodplain development permit and the action must be undertaken in compliance with relevant, applicable and required local codes and standards and thereby, will reduce the risk of future flood loss, minimize the impacts of floods on safety, health, and welfare, and preserve and possibly restore beneficial floodplain values as required by Executive Order 11988. John Renne, CFM, Environmental and Floodplain Specialist

JRENNE            00/00/0000

These projects must be conducted in accordance with conditions for federal actions in the floodplain as set forth in presidential Executive Order 11988, Floodplains and presidential Executive Order 11990, Wetlands and the implementing regulation found at 44 Code of Federal Regulations (CFR) Part 9, Floodplain Management and Protection of Wetlands. These regulations apply to all Agency actions and indirect actions (funded) which have the potential to affect floodplains or wetlands or their occupants, or which are subject to potential harm by location in floodplains or wetlands. John Renne, CFM, Environmental and Floodplain Specialist

National Historic Preservation Act (NHPA)		KROWE	<input type="checkbox"/>	00/00/0000	
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If during the course of work, archaeological artifacts (prehistoric or historic) or human remains are discovered, the applicant shall stop work in the vicinity of the discovery and take all reasonable measures to avoid or minimize harm to the finds. The applicant shall inform their Public Assistance (PA) contacts at FEMA, who will in turn contact FEMA Historic Preservation (HP) staff. The applicant will not proceed with work until FEMA HP completes consultation with the SHPO. In addition, if unmarked graves are present, compliance with the Louisiana Unmarked Human Burial Sites Preservation Act (R.S. 8:671 et seq.) is required. The applicant shall notify the law enforcement agency of the jurisdiction where the remains are located within twenty-four hours of the discovery. The applicant shall also notify FEMA and the Louisiana Division of Archaeology at 225-342-8170 within seventy-two hours of the discovery. Failure to comply with these stipulations may jeopardize receipt of FEMA funding.

AMARTI18            00/00/0000

8/22/2010 - revision 1 to V0  
 Site 53, Hansberry

To remain in compliance with Section 106 of the NHPA and the RSD/OPSB 2PA, the three conditions, detailed in the attached consultation dated August 14, 2010 and summarized below, must be carried out.

- 1) Digital photographs that record the building's character defining features in accordance with National Park Service Guidelines for Architecture and Engineering Documentation, Federal Register/Vol. 68, no. 139/Monday, July 21, 2003 and Appendix E of the RSD/OPSB 2PA.
- 2) RSD will submit a Conditions Survey to FEMA within 3 months after project obligation.
- 3) RSD will submit a Monitoring Report to FEMA six months after the completion of mothballing. FEMA's SOI qualified staff will determine if the SOW has substantially arrested the deterioration of the building and review any change to the proposed use of the building. FEMA will determine if the change in proposed use and/or condition of the building causes adverse effects to historic properties and then consult with SHPO if there is a change to this "no adverse effect" determination.

# PROJECT WORKSHEET REPORT

**DECLARATION NO.** FEMA-LA - DR1603

**PREPARED DATE** 07/22/2010

**FIPS NO.** 033-UA9M2-00

**REPORT DATE** 09/08/2010 15:52

**APPLICANT NAME** RECOVERY SCHOOL DISTRICT

**INF TYPE**  INF  
 NON-INF  
 REC

**SUBDIVISION**

**FEMA PW #** 19166      **VSN** 0      **REF#** AP982

**Required Conditions Resulting from Environmental Review**

Law Name	Conditions Required	Entered By	Monitoring Required	Monitoring Completed Date	By
National Historic Preservation Act (NHPA)		AMARTI18	<input type="checkbox"/>	00/00/0000	
<p>8/22/2010 - revision 1 to V0            Site 21, Frantz            To remain in compliance with Section 106 of the NHPA and the RSD/OPSB 2PA the mitigation measures (b), (c) and (d), detailed within attached SMMA dated April 1, 2010 and summarized below, must be carried out.            (b) Recordation: RSD will ensure  <input type="checkbox"/> 1) Three archival copies of the existing plans and elevations for the auditorium and cafeteria presently archived at the New Orleans Public Library will be either photographed with large-format negatives or photographically reproduced on Mylar and archived.  <input type="checkbox"/> 2) Large Format Photographs of the distinctive exterior features of the Cafeteria and Auditorium Building will be taken and archived.  <input type="checkbox"/> 3) Digital photographs, meeting the requirements in Appendix E of the RSD/OPSB 2PA, of the distinct interior character defining features will be taken and archived.            (c) Treatment of Character Defining Features: RSD has completed the requirements for the treatment of character defining features. The documentation demonstrating the completion of the requirements is attached to PW 19166.            (d) Interpretive Display: The development and construction of a permanent interpretive plan which, in general terms, shall include a brief written description of the history of the school, photographs of the campus, people and events that illustrate the history.</p>					
		AMARTI18	<input type="checkbox"/>	00/00/0000	
<p>8/22/2010 - revision 1 to V0            Site 7, Carver:            To remain in compliance with Section 106 of the NHPA and the RSD/OPSB 2PA the mitigation measures (b) and (d), detailed within the attached SMMA and summarized below, must be carried out.            (b) Recordation: The recordation requirements for the Carver School have been completed. The transmittal letters are attached to PW 19166.            (d) Interpretive Plan: FEMA is currently working with the RSD on the development and implementation of a permanent interpretive plan which, in general terms, shall include a brief written description of the history of the school, photographs of the campus, people and events that illustrate the history. Once complete, documentation demonstrating the completion of the display shall be attached to PW 19166.</p>					
		AMARTI18	<input type="checkbox"/>	00/00/0000	
<p>8/22/2010 - revision 1 to V0            Site 10, Colton:            To remain in compliance with Section 106 of the NHPA and the RSD/OPSB 2PA the mitigation measures (b), (c) and (d), detailed within the attached SMMA dated June 21, 2010 and summarized below, must be carried out.            (b) Recordation: RSD has completed the recordation requirement for Colton School as outlined in the attached SMMA.            (c) Treatment of Character Defining Features: RSD has completed the requirements for the treatment of character defining features as outlined in the attached SMMA.            (d) Data Recovery Plan: FEMA will ensure archaeological testing will be conducted in the proposed footprint for the rear expansion and utility corridor. If eligible archaeological resources are found within the proposed footprint, a data recovery plan will be developed in consultation with SHPO and Tribes.</p>					
		AMARTI18	<input type="checkbox"/>	00/00/0000	
<p>8/22/2010 - revision 1 to V0            Site 2, Wilson:            To remain in compliance with Section 106 of the NHPA and the MOA April 15, 2008 RSD must complete the stipulations I, II, III, and IV identified in the attached MOA.            I,II, III: RSD has fulfilled these stipulations of the MOA; including the Recordation, and Design Review. Documentation demonstrating the completion of these measures is attached to PW 19166..             IV: RSD will work with Broadmoor Improvement Association to develop an interpretive display to be located in the Wilson School, its new Addition, or the Cafeteria/Gymnasium Building on the history of the school and information on buildings that were demolished or altered as part of the Undertaking. RSD has fulfilled the requirement of the salvage report; documentation demonstrating the completion of this measure is attached to PW 19166.</p>					

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**APPLICANT NAME** RECOVERY SCHOOL DISTRICT

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**SUBDIVISION**

**FEMA PW #** 19166      **VSN** 0      **REF#** AP982

**Required Conditions Resulting from Environmental Review**

Law Name	Conditions Required	Entered By	Monitoring Required	Monitoring Completed Date	Monitoring Completed By
National Historic Preservation Act (NHPA)		AMARTI18	<input type="checkbox"/>	00/00/0000	

8/22/2010 - revision 1 to V0  
 Site 54, Gregory

To remain in compliance with Section 106 of the NHPA and the RSD/OPSB 2PA the standard mitigation measure (b), detailed within the attached SMM dated April 26, 2010 and summarized below, must be carried out.

(b) Recordation: 1) Three archival copies of the existing plans and elevations for the auditorium and cafeteria presently archived at the New Orleans Public Library will be either photographed with large-format negatives or photographically reproduced on Mylar and archived. 2) Large Format Photographs of the distinctive exterior features of the classrooms, gymnasium and auditorium. 3) Digital photographs, meeting the requirements in Appendix E of the RSD/OPSB 2PA, of the distinct interior character defining features will be taken and archived. 4) A short narrative history of the Junior High School and the buildings will be developed and archived.

Failure to comply with the conditions set forth here and in the attached Record of Environmental Consideration may jeopardize federal funding.

Amber Martinez - Historic Preservation Specialist

Toxic Substances Control Act (TSCA)		KROWE	<input type="checkbox"/>	00/00/0000	
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In accordance with the Formosan Termite Initiative Act, (LA R.S. 3:3391.1 thru 3391.13) the Louisiana Parish of Orleans- is under quarantine. The movement of wood or cellulose material, temporary housing or architectural components (e.g. beams, doors and other wood salvaged from a structure) may not leave the quarantined parishes without written authorization from the Commissioner of the Louisiana Department of Agriculture and forestry or his designee(s). K.Rowe, Environmental Specialist

		KROWE	<input type="checkbox"/>	00/00/0000	
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Unusable equipment, debris and material shall be disposed of in an approved manner and location. In the event significant items (or evidence thereof) are discovered during implementation of the project, applicant shall handle, manage, and dispose of petroleum products, hazardous materials (such as asbestos and lead based paint) and/or toxic waste in accordance to the requirements and to the satisfaction of the governing local, state and federal agencies. K.Rowe, Environmental Specialist

**Standard Conditions**

1. Any change to the approved scope of work will require re-evaluation for compliance with NEPA and other Laws and Executive Orders.
2. This review does not address all federal, state and local requirements. Acceptance of federal funding requires recipient to comply with all federal, state and local laws. Failure to obtain all appropriate federal, state and local environmental permits and clearances may jeopardize federal funding.
3. If ground disturbing activities occur during construction, applicant will monitor ground disturbance and if any potential archeological resources are discovered, will immediately cease construction in that area and notify the State and FEMA.

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FEMA PW # 19166 VSN 0 REF# AP982

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## GENERAL COMMENTS

02/24/2010 - THE FEMA PUBLIC ASSISTANCE PROGRAM IS A COST REIMBURSEMENT PROGRAM. THE FOLLOWING STEPS DESCRIBE THE PROCESS FOR PROJECT WORKSHEETS AND FUNDING PLUS THE RESPONSIBILITY OF EACH PARTY.

FEMA AND SUBGRANTEE IDENTIFY AND DESCRIBE A SCOPE OF ELIGIBLE WORK ON PROJECT WORKSHEETS.

COSTS CAN BE ACTUAL, OR

COSTS CAN BE ESTIMATED FOR EXPENSES PROJECTED FOR A SPECIFIED PERIOD OF TIME OR A LARGE PROJECT REQUIRING SEVERAL YEARS TO REBUILD, OR

COSTS CAN BE A COMBINATION OF ACTUAL AND ESTIMATED.

PW COSTS ARE BASED ON BEST AVAILABLE INFORMATION AT THE TIME AND DO NOT REPRESENT AUDITABLE COSTS AT THIS TIME.

SUBGRANTEE SUBMITS A REQUEST TO THE GRANTEE FOR REIMBURSEMENT OF EXPENSES AND TO DRAW DOWN THE FUNDS FOR WORK COMPLETED ON A SPECIFIC PW SUPPORTED WITH DOCUMENTATION REQUIRED BY GRANTEE.

SUBGRANTEE COMPLETES WORK AND REQUESTS GRANTEE FOR CLOSEOUT OF PROJECT WORKSHEET. RECORDS MUST BE AUDITABLE AND RETAINED FOR THREE YEARS AFTER CLOSEOUT OF THE SUB-GRANTEE.

GRANTEE CERTIFIES (AUDITS) WORK AND COSTS. RECORDS MUST BE AUDITABLE BY THE GRANTEE. GRANTEE RELEASES BALANCE OF FUNDS IF APPROVED.

FEMA OBLIGATES MORE FUNDS IF APPROVED OR DE-OBLIGATES ACCORDING TO REVIEW OF GRANTEE AUDIT.

FEMA WILL ADJUST FUNDING ON ALL LARGE PROJECTS BASED ON THE ACTUAL ELIGIBLE COSTS INCURRED. A FINAL INSPECTION AND PROGRAM REVIEW WILL DETERMINE AND VALIDATE THE APPROPRIATE ELIGIBILITY AND ASSOCIATED COSTS INCURRED.

BACK UP MATERIAL ATTACHED 02/24/2010

03/02/2010 - VERSION 0 - 406 MITIGATION IS NOT APPLICABLE FOR ALTERNATE PROJECTS. SECTION 406 PROVIDES DISCRETIONARY AUTHORITY TO FUND MITIGATION MEASURES IN CONJUNCTION WITH THE REPAIR OF DAMAGED FACILITIES. THE MITIGATION MEASURES MUST BE RELATED TO ELIGIBLE DISASTER-RELATED DAMAGES AND MUST DIRECTLY REDUCE THE POTENTIAL OF FUTURE, SIMILAR DISASTER DAMAGES TO THE ELIGIBLE FACILITY. B. DOUGLAS, CFM, 406 MITIGATION SPECIALIST

03/03/10- THE DEPARTMENT OF HOMELAND SECURIT

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## GENERAL COMMENTS

Y (DHS) AND THE COUNCIL ON ENVIRONMENTAL QUALITY (CEQ) HAVE ESTABLISHED ALTERNATIVE ARRANGEMENTS TO MEET THE REQUIREMENTS OF THE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) AND THE CEQ REGULATIONS FOR IMPLEMENTING THE PROCEDURAL REQUIREMENTS OF NEPA TO RECONSTRUCT CRITICAL INFRASTRUCTURE IN THE NEW ORLEANS METROPOLITAN AREA. THESE ALTERNATIVE ARRANGEMENTS WILL ENABLE FEMA, AS A COMPONENT OF DHS, TO CONSIDER THE POTENTIAL FOR SIGNIFICANT IMPACTS TO THE HUMAN ENVIRONMENT FROM ITS APPROVAL TO FUND THE RECONSTRUCTION OF CRITICAL PHYSICAL INFRASTRUCTURE IN NOMA. THIS PROJECT QUALIFIES AS AN ALTERNATIVE ARRANGEMENT FOR THE RECONSTRUCTION OF CRITICAL INFRASTRUCTURE IN THE NEW ORLEANS METROPOLITAN AREA. FOR MORE INFORMATION VISIT [WWW.FEMA.GOV/PLAN/EHP/NOMA/INDEX.SHTM](http://WWW.FEMA.GOV/PLAN/EHP/NOMA/INDEX.SHTM).

AS PART OF THE GREATER NEW ORLEANS AREA CRITICAL INFRASTRUCTURE, THIS PROJECT QUALIFIES FOR EXPEDITED CONSIDERATIONS UNDER THE ALTERNATIVE ARRANGEMENTS FOR NEPA COMPLIANCE. THE ALTERNATIVE ARRANGEMENTS PROCESS ([WWW.FEMA.GOV/PLAN/EHP/NOMA](http://WWW.FEMA.GOV/PLAN/EHP/NOMA)) HAS BEEN ACTIVATED TO ADDRESS THE BASIC ELEMENTS OF NEPA FOR ACTIONS TAKEN TO RESTORE CRITICAL INFRASTRUCTURE DEVASTATED BY HURRICANE KATRINA.

THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), ENVIRONMENTAL AND HISTORIC PRESERVATION (EHP) DIVISION AT THE LOUISIANA TRANSITIONAL RECOVERY OFFICE HAS DETERMINED THROUGH ITS SPECIAL CONSIDERATIONS REVIEW THAT THE RECOVERY SCHOOL DISTRICT (APPLICANT) PUBLIC INVOLVEMENT PROCESS MEETS THE REQUIREMENTS OF THE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) ALTERNATIVE ARRANGEMENTS (AA). THOSE REQUIREMENTS COMPLY WITH THE PROGRAMMATIC AGREEMENT BETWEEN THE WHITE HOUSE COUNCIL ON ENVIRONMENTAL QUALITY, THE DEPARTMENT OF HOMELAND SECURITY, AND FEMA.

3/3/10 BASED ON DOCUMENTATION PROVIDED BY THE APPLICANT, FEMA HAS DETERMINED THAT THE APPLICANT HAS CONDUCTED A SATISFACTORY PROCESS OF PUBLIC INVOLVEMENT AND OUTREACH IN ITS PROJECT DEVELOPMENT AND IS OTHERWISE ELIGIBLE FOR CONSIDERATION UNDER ALTERNATIVE ARRANGEMENTS FOR NEPA COMPLIANCE.

THE APPLICANT IS RESPONSIBLE FOR ARCHIVING PUBLIC INVOLVEMENT MATERIALS RELATIVE TO THE PROJECTS REFERENCED ABOVE. THIS MATERIAL WILL BE AVAILABLE AT CLOSE-OUT FOR AUTHENTICATION AND SUCH DOCUMENTATION WILL BE MADE AVAILABLE TO THE CLOSE-OUT REVIEWER.

## CONDITIONS

1. SHOULD ANY ARCHAEOLOGICAL MATERIAL BE UNCOVERED DURING GROUND ALTERING ACTIVITIES, WORK IN THAT AREA SHOULD BE HALTED IMMEDIATELY AND THE LOHSEP, FEMA AND THE STATE HISTORIC PRESERVATION OFFICER MUST BE NOTIFIED FOR GUIDANCE.
2. SIGNIFICANT CHANGE, ADDITION, AND/OR SUPPLEMENT TO THE APPROVED SCOPE OF WORK WHICH ALTERS THE EXISTING USE AND FUNCTION OF THE STRUCTURE, INCLUDING ADDITIONAL WORK NOT FUNDED BY FEMA BUT PERFORMED SUBSTANTIALLY AT THE SAME TIME, WILL REQUIRE RE-SUBMISSION OF THE APPLICATION TO FEMA UNDER THE NATIONAL ENVIRONMENTAL POLICY ACT FOR RE-EVALUATION PRIOR TO CONSTRUCTION.
3. THE APPLICANT MUST FOLLOW ALL APPLICABLE LOCAL, STATE, AND FEDERAL LAWS, REGULATIONS AND REQUIREMENTS AND OBTAIN AND COMPLY WITH ALL REQUIRED PERMITS AND APPROVALS PRIOR TO INITIATING WORK ON THIS PROJECT.
4. USACE GENERAL PERMIT NO. 28 REQUIRES THAT THE APPLICANT PROVIDE A CERTIFICATION OF COMPLIANCE WHEN THE PROJECT IS COMPLETED. THE APPLICANT MUST COMPLY WITH ALL PERMIT CONDITIONS AND CONDITIONS REQUIRED BY THE USACE FOR THIS PROJECT. A COPY OF THE PERMIT AND DOCUMENTATION OF COMPLIANCE WITH PERMIT CONDITIONS WILL BE FORWARDED TO LA GOHSEP AND FEMA FOR INCLUSION IN PERMANENT PROJECT FILE.
5. CONSTRUCTION VEHICLES AND EQUIPMENT SHALL BE MAINTAINED IN GOOD WORKING ORDER TO MINIMIZE POLLUTANT EMISSIONS.
6. THE APPLICANT MUST OBTAIN A FLOODPLAIN PERMIT FROM THE LOCAL FLOODPLAIN ADMINISTRATOR FOR ALL DEVELOPMENT THAT OCCURS IN THE FLOODPLAIN AND COMPLY WITH ALL PERMIT CONDITIONS AND CONDITIONS REQUIRED BY THE LOCAL FLOODPLAIN MANAGEMENT ORDINANCE FOR THIS PROJECT. A COPY OF THE PERMIT AND DOCUMENTATION OF COMPLIANCE WITH PERMIT CONDITIONS WILL BE FORWARDED TO LOHSEP AND FEMA FOR INCLUSION IN THE PE

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## GENERAL COMMENTS

PERMANENT PROJECT FILE.

7. IN ACCORDANCE WITH 44 CFR PART 9.12, APPLICANT MUST PUBLISH A FINAL NOTICE 15 DAYS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES. DOCUMENTATION OF THE FINAL PUBLIC NOTICE IS TO BE FORWARDED TO LOHSEP AND FEMA FOR INCLUSION IN THE PERMANENT PROJECT FILES.

8. THIS PROJECT IS LOCATED WITHIN THE LOUISIANA COASTAL MANAGEMENT ZONE. THE APPLICANT IS REQUIRED TO COORDINATE WITH LOUISIANA DEPARTMENT OF NATURAL RESOURCES FOR A COASTAL USE PERMIT. APPLICANT MUST OBTAIN AND COMPLY WITH ANY PERMITTING OR CONSISTENCY FINDING REQUIREMENTS IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL LAW. DOCUMENTATION OF REQUIRED COORDINATION, PERMITS OR CONSISTENCY DETERMINATIONS MUST BE FORWARDED TO LOUISIANA OFFICE OF EMERGENCY PREPAREDNESS AND FEMA FOR INCLUSION IN THE PERMANENT PROJECT FILE.

9. THE PROPOSED PROJECT INCLUDES ACTIVITIES THAT WOULD PRODUCE A MINOR, TEMPORARY, AND LOCALIZED IMPACT ON AIR QUALITY FROM VEHICLE EMISSIONS AND FUGITIVE DUST PARTICLES. NO LONG-TERM AIR QUALITY IMPACT IS ANTICIPATED. TO REDUCE POTENTIAL SHORT TERM EFFECTS TO AIR QUALITY FROM CONSTRUCTION RELATED ACTIVITIES, THE CONTRACTOR WILL BE RESPONSIBLE FOR KEEPING ALL EXCAVATED AREAS PERIODICALLY SPRAYED WITH WATER (WHEN DRY), ALL CONSTRUCTION VEHICLES SHOULD BE LIMITED TO 15 MPH IN THE WORK AREA, AND ALL EQUIPMENT MAINTAINED IN GOOD WORKING ORDER TO MINIMIZE POLLUTION/FUGITIVE DUST.

10. THIS PROJECT INVOLVES THE DEMOLITION OR RENOVATION OF A PUBLIC STRUCTURE. REGARDLESS OF THE ASBESTOS CONTENT, THE APPLICANT IS RESPONSIBLE FOR ENSURING THAT RENOVATION OR DEMOLITION ACTIVITIES ARE COORDINATED WITH THE LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ).

11. BECAUSE PROJECT WILL REPAIR/REPLACE FACILITIES TO PRE-DISASTER LOCATIONS, IT IS NOT EXPECTED TO AFFECT THE SURROUNDING/NEARBY/ADJACENT WETLAND. CARE SHOULD BE TAKEN, HOWEVER, IN EQUIPMENT AND MATERIALS STORAGE AND CONSTRUCTION ACTIVITIES (INCLUDING EQUIPMENT AND MATERIALS STAGING) TO ENSURE THAT WETLANDS ARE NOT ADVERSELY

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## GENERAL COMMENTS

Y AFFECTED PER THE CLEAN WATER ACT AND EXECUTIVE ORDER 11990.

12. THE APPLICANT IS RESPONSIBLE FOR OBTAINING AND/OR COMPLYING WITH ALL FEDERAL, STATE AND LOCAL PERMITS, ORDINANCES AND/OR REQUIREMENTS FOR THE COLLECTION, HANDLING, STORAGE, TRANSPORTATION AND DISPOSAL OF ANY MEDICAL, HAZARDOUS, BIOLOGICAL, LABORATORY/RESEARCH REAGENTS, RADIOLOGICAL, PHARMACEUTICAL OR TOXIC FLOOD RELATED WASTE OR DEBRIS.

13. IN ACCORDANCE WITH THE FORMOSAN TERMITE INITIATIVE ACT, (LA R.S. 3:3391.1 THRU 3391.13) THE LOUISIANA PARISH OF ORLEANS IS UNDER QUARANTINE. THE MOVEMENT OF WOOD OR CELLULOSE MATERIAL, TEMPORARY HOUSING OR ARCHITECTURAL COMPONENTS (E.G. BEAMS, DOORS AND OTHER WOOD SALVAGED FROM A STRUCTURE) MAY NOT LEAVE THE QUARANTINED PARISHES WITHOUT WRITTEN AUTHORIZATION FROM THE COMMISSIONER OF THE LOUISIANA DEPARTMENT OF AGRICULTURE AND FORESTRY OR HIS DESIGNEE(S).

14. IF YOUR PROJECT RESULTS IN A DISCHARGE TO WATERS OF THE STATE, SUBMITTAL OF A LOUISIANA POLLUTANT DISCHARGE ELIMINATION SYSTEM (LPDES) APPLICATION MAY BE NECESSARY.

15. IF THE PROJECT RESULTS IN A DISCHARGE OF WASTEWATER TO AN EXISTING WASTEWATER TREATMENT SYSTEM, THAT WASTEWATER TREATMENT SYSTEM MAY NEED TO MODIFY ITS LPDES PERMIT BEFORE ACCEPTING THE ADDITIONAL WASTEWATER.

16. LDEQ HAS STORMWATER GENERAL PERMITS FOR CONSTRUCTION AREAS EQUAL TO OR GREATER THAN ONE ACRE. IT IS RECOMMENDED THAT YOU CONTACT THE LDEQ WATER PERMIT DIVISION AT (225) 219-3181 TO DETERMINE IF YOUR PROPOSED IMPROVEMENTS REQUIRE ONE OF THESE PERMITS.

16. ALL PRECAUTIONS SHOULD BE OBSERVED TO CONTROL NONPOINT SOURCE POLLUTION FROM CONSTRUCTION ACTIVITIES.

17. IF ANY OF THE PROPOSED WORK IS LOCATED IN WETLANDS OR OTHER AREAS SUBJECT TO THE JURISDICTION OF THE U.S. ARMY CORPS OF ENGINEERS, YOU SHOULD CONTACT THE CORPS DIRECTLY TO INQUIRE ABOUT THE POSSIBLE NECESSITY FOR PERMITS. IF A CORPS PERMIT IS REQUIRED, PART OF THE APPLICATION PROCESS MAY INVOLVE A WATER QUALITY CERTIFICATION FROM LDEQ.

18. ALL PRE

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## GENERAL COMMENTS

CAUTIONS SHOULD BE OBSERVED TO PROTECT THE GROUNDWATER OF THE REGION.

19. THE APPLICANT IS RESPONSIBLE FOR ARCHIVING PUBLIC INVOLVEMENT MATERIALS RELATIVE TO THE PROJECTS REFERENCED ABOVE. THIS MATERIAL WILL BE AVAILABLE AT CLOSE-OUT FOR AUTHENTICATION AND SUCH DOCUMENTATION WILL BE MADE AVAILABLE TO THE CLOSE-OUT REVIEWER.

BASED ON DOCUMENTATION PROVIDED BY THE APPLICANT, FEMA HAS DETERMINED THAT THE APPLICANT HAS CONDUCTED A SATISFACTORY PROCESS OF PUBLIC INVOLVEMENT AND OUTREACH IN ITS PROJECT DEVELOPMENT AND IS OTHERWISE ELIGIBLE FOR CONSIDERATION UNDER ALTERNATIVE ARRANGEMENTS FOR NEPA COMPLIANCE. THE APPLICANT IS RESPONSIBLE FOR ARCHIVING PUBLIC INVOLVEMENT MATERIALS RELATIVE TO THE PROJECTS REFERENCED ABOVE. THIS MATERIAL WILL BE AVAILABLE AT CLOSE-OUT FOR AUTHENTICATION AND SUCH DOCUMENTATION WILL BE MADE AVAILABLE TO THE CLOSE-OUT REVIEWER.

03/03/2010 - FLOODPLAIN - VERSION 0 - THE CITY OF NEW ORLEANS/ORLEANS PARISH ENROLLED IN THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP), AS OF 08/03/1970. THE PROJECTS ARE REPAIR/REPLACEMENT OF RSD SCHOOL INFRASTRUCTURE PER THE ATTACHED 8-STEP PLANNING AND PUBLIC PARTICIPATION DOCUMENT. NEW CONSTRUCTION MUST COORDINATE AND COMPLY WITH LOCAL FLOODPLAIN ORDINANCES, AND BE BUILT TO CURRENT CODES AND STANDARDS. THE APPLICANT IS REQUIRED TO COORDINATE WITH THE LOCAL FLOODPLAIN ADMINISTRATOR REGARDING FLOODPLAIN DEVELOPMENT PERMIT(S) PRIOR TO THE START OF ANY ACTIVITIES. IN COMPLIANCE WITH EO11988, AN 8-STEP PROCESS, SHOWING CONSIDERED ALTERNATIVES, WAS COMPLETED AND IS ATTACHED OR ON FILE. AS PER 44 CFR 9.11 (D) (9), MITIGATION OR MINIMIZATION STANDARDS MUST BE APPLIED WHERE POSSIBLE. THE REPLACEMENT OF BUILDING CONTENTS, MATERIALS AND EQUIPMENT SHOULD BE, WHERE POSSIBLE, WET OR DRY-PROOFED, ELEVATED, OR RELOCATED TO OR ABOVE THE PRELIMINARY DFIRM ELEVATION. JOHN D. RENNE, CFM, FLOODPLAIN SPECIALIST.

03/03/2010 - THE SECTION 106 REVIEW UNDER THE NATIONAL HISTORIC PRESERVATION ACT FOR THE RSD/OPSB SINGLE SET

TLEMENT REQUEST IS CONDUCTED IN ACCORDANCE WITH THE SECONDARY PROGRAMMATIC AGREEMENT AMONG FEDERAL EMERGENCY MANAGEMENT AGENCY, STATE OF LOUISIANA DIVISION OF ADMINISTRATION, OFFICE OF COMMUNITY DEVELOPMENT, LOUISIANA STATE HISTORIC PRESERVATION OFFICER, ADVISORY COUNCIL ON HISTORIC PRESERVATION, LOUISIANA DEPARTMENT OF EDUCATION THROUGH ITS RECOVERY SCHOOL DISTRICT (RSD), AND ORLEANS PARISH SCHOOL BOARD (OPSB) REGARDING IMPLEMENTATION OF SCHOOL FACILITIES MASTER PLAN FOR ORLEANS PARISH DATED AUGUST 17, 2009 (RSD/OPSB 2PA).

03/03/2010 - THE REVIEW COMMENTS FOR VERSION 0 REFLECT THE SECTION 106 REVIEW OF THE PROPOSED CONSTRUCTION OF NEW SCHOOL FACILITIES ON THE 20 PROPOSED SCHOOLS SITES AND THE REASONABLY FORESEEABLE EFFECTS OF THOSE UNDERTAKINGS, INCLUDING THE DEMISE OF 134 "BRICK AND MORTAR" REPLACEMENT FACILITIES AND 86 "NON-BRICK AND MORTAR" DONOR BUILDINGS (ATTACHMENT 4). CAMPUS SPECIFIC REVIEW COMMENTS AND RELATED CONSULTATIONS ARE INCLUDED IN THE ENVIRONMENTAL HISTORIC PRESERVATION REVIEW BINDER ATTACHED. - AMBER MARTINEZ, HISTORIC PRESERVATION SPECIALIST

03/10/2010 -\*\*INSURANCE\*\*THIS PW VERSION#0 IS FOR THE TRANSFER OF ELIGIBLE REPLACEMENT COSTS BY SQUARE FOOT PRICE FROM 220 CONTRIBUTING DONOR FACILITIES TO REALLOCATED REPLACEMENT COST CAPPED FUNDING TO THIS ALTERNATE PROJECT SINGLE SETTLEMENT PW#19166. \*\*\*ANY INSURANCE PROCEEDS REDUCTION FOR DONOR FACILITY PW'S WILL BE APPLIED TO THIS ALTERNATE PROJECT - PW#19166.\*\*\* PW NEEDS TO BE RESUBMITTED TO INSURANCE IF REOBLIGATED OR REALLOCATED \*\*THIS PW TO BE USED ON 87 SCHOOLS PER ATTACHMENT #6 LIST AND CONSTRUCTION OF 20 SCHOOLS LISTED ON DETAIL SITE LIST. OF THESE SCHOOLS 4 SCHOOLS AND 16 ADDITIONAL SCHOOLS ARE FROM DONOR PW18597. \*\*\* THE WIND AND FLOOD INSURANCE PROCEEDS REDUCTIONS MAY BE ADJUSTED AT A LATER DATE WHEN ACTUAL VS ANTICIPATED INSURANCE PROCEEDS DOCUMENTATION IS FURNISHED. THE FINAL CLOSE-OUT ASSISTANCE WILL BE ADJUSTED AT INSURANCE RECONCILIATION. \*\*REFER TO REVIEWER COMMENT

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## GENERAL COMMENTS

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INSURANCE APPROVAL OF THIS PROJECT WORKSHEET IS CONTINGENT UPON THE APPLICANT COMPLYING WITH TITLE 44 OF THE CODE OF FEDERAL REGULATIONS (CFR), PARTS 206.252 AND 206.253 WHICH STATES, ASSISTANCE UNDER SECTION 406 OF THE STAFFORD ACT WILL BE APPROVED ONLY ON THE CONDITION THAT INSURANCE IS OBTAINED AND MAINTAINED IN SUCH TYPES AND AMOUNTS AS ARE REASONABLE AND NECESSARY TO PROTECT AGAINST FUTURE LOSS. THE APPLICANT MUST PROVIDE THE LOUISIANA DEPARTMENT OF HOMELAND SECURITY AND EMERGENCY PREPAREDNESS WITH INSURANCE POLICY DOCUMENTATION THAT CONFIRMS THE APPLICANT'S COMPLIANCE WITH SECTION 406 OF THE STAFFORD ACT. GERALD JONES, INSURANCE SPECIALIST

8/21/10 INSURANCE\*\*ALL PRIOR AMOUNTS FOR INSURANCE PROCEEDS (COST CODES - 5900/5901/5902) HAVE BEEN REDUCED TO \$ZERO BY POSITIVE AMOUNTS IN THE COST SECTION OF THIS VERSION. THE NEW 5900/5901/5902 INSURANCE PROCEEDS ARE SHOWN AS NEGATIVE AMOUNTS IN THE COST SECTION OF THIS LATEST VERSION AND REFLECT ANY ADJUSTMENTS FOR DEDUCTIBLES AND/OR UNINSURED COSTS BASED ON THE AVAILABLE INSURANCE FOR THE FACILITY. DETAILS OF THE CALCULATIONS ARE AVAILABLE IN THE INSURANCE REVIEWER COMMENTS SECTION. . THE FINAL CLOSE-OUT ASSISTANCE WILL BE ADJUSTED ON THE BASIS OF THE ACTUAL AMOUNTS RECEIVED BY THE APPLICANT IN THE FINAL INSURANCE SETTLEMENT. THE OBTAIN AND MAINTAIN INSURANCE REQUIREMENT AMOUNTS WILL BE ALIGNED AT A LATER DATE.

INSURANCE APPROVAL OF THIS PROJECT WORKSHEET VERSION IS CONTINGENT UPON THE APPLICANT COMPLYING WITH SECTION 311 OF THE STAFFORD ACT WHICH REQUIRES INSURANCE BE OBTAINED AND MAINTAINED IN SUCH TYPES (FLOOD AND/OR WINDSTORM) THAT CAUSED PART OR ALL OF THE DAMAGES. THE EXTENT OF SUCH FLOOD AND/OR WINDSTORM INSURANCE MUST BE GREATER THAN OR EQUAL TO THE AMOUNT OF ELIGIBLE COSTS (BEFORE ANY REDUCTIONS) FOR THE PERIL THAT CAUSED PART OR ALL OF THE DAMAGES AS ARE REASONABLE AND NECESSARY TO PROTECT AGAINST FUTURE LOSS. APPLICANT MUST PROVIDE THE LOUISIANA GOVERNOR'S OFFICE OF HOMELAND SECURITY AND

EMERGENCY PREPAREDNESS WITH INSURANCE DOCUMENTATION THAT CONFIRMS THE APPLICANT'S COMPLIANCE WITH SECTION 311. THE INSURANCE REQUIREMENTS FOR A SPECIFIC BUILDING ARE WAIVED WHEN AGGREGATE ELIGIBLE COSTS UNDER SECTION 406 FROM ALL GRANTS FOR A SPECIFIC BUILDING AND ITS CONTENTS ARE UNDER \$5,000. GERALD JONES INSURANCE SPECIALIST

8-22-10. VERSION 0 REVISION 1-----SECTION 106 OF THE NATIONAL HISTORIC PRESERVATION ACT (NHPA) REQUIRES FEDERAL AGENCIES TO TAKE INTO ACCOUNT THE EFFECTS OF THEIR UNDERTAKINGS ON HISTORIC PROPERTIES AND AFFORD THE ADVISORY COUNCIL ON HISTORIC PRESERVATION A REASONABLE OPPORTUNITY TO COMMENT ON SUCH UNDERTAKINGS. SECTION 106 REQUIRES FEDERAL AGENCIES TO IDENTIFY HISTORIC PROPERTIES THAT MAY BE AFFECTED BY THE PROPOSED ACTION. HISTORIC PROPERTIES ARE DISTRICTS, SITES, BUILDINGS, STRUCTURES, AND OBJECTS SIGNIFICANT IN AMERICAN HISTORY, ARCHITECTURE, ARCHEOLOGY, ENGINEERING AND CULTURE THAT ARE LISTED IN OR DETERMINED ELIGIBLE FOR LISTING IN THE NATIONAL REGISTER OF HISTORIC PLACES. IF ADVERSE EFFECTS ON HISTORIC, ARCHAEOLOGICAL OR CULTURAL PROPERTIES ARE IDENTIFIED, AGENCIES MUST CONSIDER ALTERNATIVES THAT MAY AVOID OR MINIMIZE THE ADVERSE EFFECT. IF NO SUCH ALTERNATIVES ARE DETERMINED TO BE FEASIBLE THE FEDERAL AGENCY MUST IDENTIFY MEASURES THAT WILL MITIGATE THE ADVERSE EFFECT TO HISTORIC PROPERTIES.

THE SECTION 106 REVIEW OF THE PROPOSED DEMOLITION, CONSTRUCTION, REPAIR, OR REHABILITATION OF THE 60 SCHOOL CAMPUSES DEFINED IN ATTACHMENT 31 OF VERSION 0 THIS PROJECT WORKSHEET (UNDERTAKING) WAS CONDUCTED IN ACCORDANCE WITH THE SECONDARY PROGRAMMATIC AGREEMENT AMONG FEDERAL EMERGENCY MANAGEMENT AGENCY, STATE OF LOUISIANA DIVISION OF ADMINISTRATION, OFFICE OF COMMUNITY DEVELOPMENT, LOUISIANA STATE HISTORIC PRESERVATION OFFICER, ADVISORY COUNCIL ON HISTORIC PRESERVATION, LOUISIANA DEPARTMENT OF EDUCATION THROUGH ITS RECOVERY SCHOOL DISTRICT (RSD), AND ORLEANS PARISH SCHOOL BOARD (OPSB) REGARDING IMPLEMENTATION OF SCHOOL FACILITIES MAS

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## GENERAL COMMENTS

TER PLAN FOR ORLEANS PARISH DATED AUGUST 17, 2009 (RSD/OPSB 2PA). THE FOLLOWING COMMENTS REFLECT THE SECTION 106 REVIEW OF THE UNDERTAKING.

IN ACCORDANCE WITH THE RSD/OPSB 2PA, FEMA HAS DETERMINED THAT NO HISTORIC PROPERTIES ARE AFFECTED BY THE RECIPIENT SCOPE OF WORK FOR SITES 3, 4, 6, 16-20, 22, 24-27, 29, 31-35, 37, 42-52, 55-57, 59, AND 60. THE ASSOCIATED SHPO/TRIBAL CONSULTATION FOR THESE UNDERTAKINGS IS ATTACHED TO PW 19166.

IN ACCORDANCE WITH THE RSD/OPSB 2PA, FEMA HAS DETERMINED THAT THERE IS NO ADVERSE EFFECT TO HISTORIC PROPERTIES AS A RESULT OF THE RECIPIENT SCOPE FOR SITES 12 AND 53. THE SHPO/TRIBAL CONSULTATION FOR THIS UNDERTAKING IS ATTACHED TO PW 19166. THE CONDITIONS FOR SITE 53 ARE WRITTEN IN THE CONDITIONS SECTION OF PW 19166 AND THE RECORD OF ENVIRONMENTAL CONSIDERATION (REC).

THE SCOPE OF WORK FOR RECIPIENT SITES 1, 5, 8, 9, 13-15, 23, 28, 30, 36, 38, 39-41, AND 58 MEETS THE CRITERIA IN THE RSD/OPSB 2PA, PROGRAMMATIC ALLOWANCES. IN ACCORDANCE WITH THIS PA, FEMA IS NOT REQUIRED TO CONSULT WITH THE SHPO WHERE WORK PERFORMED MEETS THESE CRITERIA. THE REVIEW COMMENTS FOR THE INDIVIDUAL SITES ARE ATTACHED TO PW 19166.

FOR RECIPIENT SITE 2, ANDREW WILSON ELEMENTARY SCHOOL, FEMA HAS DEVELOPED A MEMORANDUM OF AGREEMENT (MOA) AMONG FEDERAL EMERGENCY MANAGEMENT AGENCY, ADVISORY COUNCIL ON HISTORIC PRESERVATION, LOUISIANA STATE HISTORIC PRESERVATION OFFICER, AND DEPARTMENT OF EDUCATION THROUGH ITS RECOVERY SCHOOL DISTRICT, DATED APRIL 15, 2008, TO ADDRESS THE ADVERSE EFFECTS RESULTING FROM THE REHABILITATION OF ANDREW H. WILSON ELEMENTARY SCHOOL MAIN BUILDING AND ADDITION; THE CONSTRUCTION OF A NEW ADDITION AND CAFETERIA/GYMNASIUM BUILDING; AND THE DEMOLITION OF THE ANNEX, GATEKEEPER'S LODGE, BOILER ROOM ADDITION TO THE MAIN BUILDING, BREEZEWAY, AND SHED. TO REMAIN IN COMPLIANCE WITH SECTION 106, THE APPLICANT MUST COMPLETE THE STIPULATIONS IDENTIFIED IN THE ATTACHED MOA AND SUMMARIZED IN THE CONDITIONS SECTION OF THE REC AND PW 19166.

THE REVIEW COMMENTS AND MOA ARE ATTACHED TO PW 19166.

THE SCOPE OF WORK IN RECIPIENT SITES 7, 10, 21, AND 54 WERE REVIEWED IN ACCORDANCE WITH THE RSD/OPSB 2PA AND WERE DETERMINED TO ADVERSELY AFFECT HISTORIC PROPERTIES. IN ACCORDANCE WITH STIPULATION OF IX.A.2 OF THE RSD/OPSB 2PA, FEMA RECOMMENDED THAT THE ADVERSE EFFECTS RESULTING FROM THE UNDERTAKING WILL BE ADEQUATELY MITIGATED THROUGH IMPLEMENTATION OF STANDARD MITIGATION MEASURES. TO REMAIN IN COMPLIANCE WITH SECTION 106 OF THE NHPA AND THE RSD/OPSB 2PA THE MITIGATION MEASURES, DETAILED WITHIN THE ATTACHED STANDARD MITIGATION MEASURE AGREEMENT'S (SMMA) AND SUMMARIZED IN THE CONDITIONS SECTION OF THE REC AND PW 19166, MUST BE CARRIED OUT. THE REVIEW COMMENTS AND SMMAS ARE ATTACHED TO PW 19166.

THE SCOPE OF WORK FOR RECIPIENT SITE 11, CRAIG ELEMENTARY SCHOOL, WAS REVIEWED BY THE OFFICE OF COMMUNITY DEVELOPMENT (OCD) IN RESPONSE TO A COMMUNITY DEVELOPMENT BLOCK GRANT APPLICATION. OCD IS A SIGNATORY TO THE RSD/OPSB 2PA. THE PROJECT IS IN COMPLIANCE WITH THE NHPA AND THE OCD REVIEW OF THIS SCHOOL IS ATTACHED TO PW 19166.

THE NON-DESTRUCTIVE PLANNING ACTIVITIES, I.E. PROJECT MANAGEMENT AND ARCHITECTURAL AND ENGINEERING (A&E) DESIGN FEES FOR ALL SCHOOLS, MEETS THE PROGRAMMATIC ALLOWANCES, ITEM VII.D OF THE RSD SECONDARY PROGRAMMATIC AGREEMENT.

FEMA HAS DETERMINED THE AREA OF POTENTIAL EFFECTS (APE) FOR THE UNDERTAKING INCLUDES THE CONTRIBUTING PROJECTS -- 143 "BRICK AND MORTAR" REPLACEMENTS, 92 "NON-BRICK AND MORTAR" REPLACEMENTS, 9 "REPAIR CLOSED", AND 48 "REPAIR OPEN" BUILDINGS, FROM WHICH THE FUNDING FOR THE 60 RECIPIENT PROJECTS WILL BE DRAWN FROM. THE SCOPE OF WORK FOR THE CONTRIBUTING PROJECTS FOR THIS PW ARE REFERRED TO AS "DONOR SCOPE" AND FALL INTO ONE OF FOUR CATEGORIES; CONTINUED USE, DEMOLISH, SAFE AND SECURE OR MOTHBALL. THE DONOR SCOPE FOR EACH OF THESE PROJECTS IS NOTED IN ATTACHMENT 06. FEMA HAS DOCUMENTED THE NHPA REVIEW OF THESE PROJECTS IN THEIR CONTRIBUTING PW; THE REVIEW COMME

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## GENERAL COMMENTS

NTS AND CONDITIONS IN THE DE-OBLIGATED CONTRIBUTING PWS ARE APPLICABLE. THE REVIEW COMMENTS FOR THE CONTRIBUTOR PROJECTS ARE ALSO ATTACHED TO PW 19166.

### CONDITIONS BY SITE

#### SITE 2, WILSON:

TO REMAIN IN COMPLIANCE WITH SECTION 106 OF THE NHPA AND THE MOA APRIL 15, 2008 RSD MUST COMPLETE THE STIPULATIONS I, II, III, AND IV IDENTIFIED IN THE ATTACHED MOA.

I,II, III: RSD HAS FULFILLED THESE STIPULATIONS OF THE MOA; INCLUDING THE RECORDATION, AND DESIGN REVIEW. DOCUMENTATION DEMONSTRATING THE COMPLETION OF THESE MEASURES IS ATTACHED TO PW 19166..

IV: RSD WILL WORK WITH BROADMOOR IMPROVEMENT ASSOCIATION TO DEVELOP AN INTERPRETIVE DISPLAY TO BE LOCATED IN THE WILSON SCHOOL, ITS NEW ADDITION, OR THE CAFETERIA/GYMNASIUM BUILDING ON THE HISTORY OF THE SCHOOL AND INFORMATION ON BUILDINGS THAT WERE DEMOLISHED OR ALTERED AS PART OF THE UNDERTAKING. RSD HAS FULFILLED THE REQUIREMENT OF THE SALVAGE REPORT; DOCUMENTATION DEMONSTRATING THE COMPLETION OF THIS MEASURE IS ATTACHED TO PW 19166.

#### SITE 7, CARVER:

TO REMAIN IN COMPLIANCE WITH SECTION 106 OF THE NHPA AND THE RSD/OPSB 2PA THE MITIGATION MEASURES (B) AND (D), DETAILED WITHIN THE ATTACHED SMMA AND SUMMARIZED BELOW, MUST BE CARRIED OUT.

(B) RECORDATION: THE RECORDATION REQUIREMENTS FOR THE CARVER SCHOOL HAVE BEEN COMPLETED. THE TRANSMITTAL LETTERS ARE ATTACHED TO PW 19166.

(D) INTERPRETIVE PLAN: FEMA IS CURRENTLY WORKING WITH THE RSD ON THE DEVELOPMENT AND IMPLEMENTATION OF A PERMANENT INTERPRETIVE PLAN WHICH, IN GENERAL TERMS, SHALL INCLUDE A BRIEF WRITTEN DESCRIPTION OF THE HISTORY OF THE SCHOOL, PHOTOGRAPHS OF THE CAMPUS, PEOPLE AND EVENTS THAT ILLUSTRATE THE HISTORY. ONCE COMPLETE, DOCUMENTATION DEMONSTRATING THE COMPLETION OF THE DISPLAY SHALL BE ATTACHED TO PW 19166.

#### SITE 10, COLTON:

TO REMAIN IN COMPLIANCE WITH SECTION 106 OF THE NHPA AND THE RSD/OPSB 2PA THE MITIGATION MEASURES (B), (C) AND (D), DETAILED WITHIN THE ATTACHED SMMA DATED JUNE 21, 2010 AND SUMMARIZED BELOW, MUST BE CARRIED

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## GENERAL COMMENTS

OUT.

(B) RECORDATION: RSD HAS COMPLETED THE RECORDATION REQUIREMENT FOR COLTON SCHOOL AS OUTLINED IN THE ATTACHED SMMA.

(C) TREATMENT OF CHARACTER DEFINING FEATURES: RSD HAS COMPLETED THE REQUIREMENTS FOR THE TREATMENT OF CHARACTER DEFINING FEATURES AS OUTLINED IN THE ATTACHED SMMA.

(D) DATA RECOVERY PLAN: FEMA WILL ENSURE ARCHAEOLOGICAL TESTING WILL BE CONDUCTED IN THE PROPOSED FOOTPRINT FOR THE REAR EXPANSION AND UTILITY CORRIDOR. IF ELIGIBLE ARCHAEOLOGICAL RESOURCES ARE FOUND WITHIN THE PROPOSED FOOTPRINT, A DATA RECOVERY PLAN WILL BE DEVELOPED IN CONSULTATION WITH SHPO AND TRIBES.

SITE 21, FRANTZ

TO REMAIN IN COMPLIANCE WITH SECTION 106 OF THE NHPA AND THE RSD/OPSB 2PA THE MITIGATION MEASURES (B), (C) AND (D), DETAILED WITHIN ATTACHED SMMA DATED APRIL 1, 2010 AND SUMMARIZED BELOW, MUST BE CARRIED OUT.

(B) RECORDATION: RSD WILL ENSURE

1) THREE ARCHIVAL COPIES OF THE EXISTING PLANS AND ELEVATIONS FOR THE AUDITORIUM AND CAFETERIA PRESENTLY ARCHIVED AT THE NEW ORLEANS PUBLIC LIBRARY WILL BE EITHER PHOTOGRAPHED WITH LARGE-FORMAT NEGATIVES OR PHOTOGRAPHICALLY REPRODUCED ON MYLAR AND ARCHIVED.

2) LARGE FORMAT PHOTOGRAPHS OF THE DISTINCTIVE EXTERIOR FEATURES OF THE CAFETERIA AND AUDITORIUM BUILDING WILL BE TAKEN AND ARCHIVED.

3) DIGITAL PHOTOGRAPHS, MEETING THE REQUIREMENTS IN APPENDIX E OF THE RSD/OPSB 2PA, OF THE DISTINCT INTERIOR CHARACTER DEFINING FEATURES WILL BE TAKEN AND ARCHIVED.

(C) TREATMENT OF CHARACTER DEFINING FEATURES: RSD HAS COMPLETED THE REQUIREMENTS FOR THE TREATMENT OF CHARACTER DEFINING FEATURES. THE DOCUMENTATION DEMONSTRATING THE COMPLETION OF THE REQUIREMENTS IS ATTACHED TO PW 19166.

(D) INTERPRETIVE DISPLAY: THE DEVELOPMENT AND CONSTRUCTION OF A PERMANENT INTERPRETIVE PLAN WHICH, IN GENERAL TERMS, SHALL INCLUDE A BRIEF WRITTEN DESCRIPTION OF THE HISTORY OF THE SCHOOL, PHOTOGRAPHS OF THE CAMPUS, PEOPLE AND EVENTS THAT ILLUSTRATE THE HISTORY.

SITE 53, HANSBERRY

TO REMAIN IN COMPLIANCE WITH SECTION 106 OF THE

NHPA AND THE RSD/OPSB 2PA, THE THREE CONDITIONS, DETAILED IN THE ATTACHED CONSULTATION DATED AUGUST 14, 2010 AND SUMMARIZED BELOW, MUST BE CARRIED OUT.

1) DIGITAL PHOTOGRAPHS THAT RECORD THE BUILDING'S CHARACTER DEFINING FEATURES IN ACCORDANCE WITH NATIONAL PARK SERVICE GUIDELINES FOR ARCHITECTURE AND ENGINEERING DOCUMENTATION, FEDERAL REGISTER/VOL. 68, NO. 139/MONDAY, JULY 21, 2003 AND APPENDIX E OF THE RSD/OPSB 2PA.

2) RSD WILL SUBMIT A CONDITIONS SURVEY TO FEMA WITHIN 3 MONTHS AFTER PROJECT OBLIGATION.

3) RSD WILL SUBMIT A MONITORING REPORT TO FEMA SIX MONTHS AFTER THE COMPLETION OF MOTHBALLING. FEMA'S SOI QUALIFIED STAFF WILL DETERMINE IF THE SOW HAS SUBSTANTIALLY ARRESTED

THE DETERIORATION OF THE BUILDING AND REVIEW ANY CHANGE TO THE PROPOSED USE OF THE BUILDING. FEMA WILL DETERMINE IF THE CHANGE IN PROPOSED USE AND/OR CONDITION OF THE BUILDING CAUSES ADVERSE EFFECTS TO HISTORIC PROPERTIES AND THEN CONSULT WITH SHPO IF THERE IS A CHANGE TO THIS "NO ADVERSE EFFECT" DETERMINATION.

SITE 54, GREGORY

TO REMAIN IN COMPLIANCE WITH SECTION 106 OF THE NHPA AND THE RSD/OPSB 2PA THE STANDARD MITIGATION MEASURE (B), DETAILED WITHIN THE ATTACHED SMM DATED APRIL 26, 2010 AND SUMMARIZED BELOW, MUST BE CARRIED OUT.

(B) RECORDATION: 1) THREE ARCHIVAL COPIES OF THE EXISTING PLANS AND ELEVATIONS FOR THE AUDITORIUM AND CAFETERIA PRESENTLY ARCHIVED AT THE NEW ORLEANS PUBLIC LIBRARY WILL BE EITHER PHOTOGRAPHED WITH LARGE-FORMAT NEGATIVES OR PHOTOGRAPHICALLY REPRODUCED ON MYLAR AND ARCHIVED. 2) LARGE FORMAT PHOTOGRAPHS OF THE DISTINCTIVE EXTERIOR FEATURES OF THE CLASSROOMS, GYMNASIUM AND AUDITORIUM. 3) DIGITAL PHOTOGRAPHS, MEETING THE REQUIREMENTS IN APPENDIX E OF THE RSD/OPSB 2PA, OF THE DISTINCT INTERIOR CHARACTER DEFINING FEATURES WILL BE TAKEN AND ARCHIVED. 4) A SHORT NARRATIVE HISTORY OF THE JUNIOR HIGH SCHOOL AND THE BUILDINGS WILL BE DEVELOPED AND ARCHIVED.

FAILURE TO COMPLY WITH THE CONDITIONS SET FORTH IN THE ATTACHED RECORD OF ENVIRONMENTAL CONSIDERATI

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## GENERAL COMMENTS

ON MAY JEOPARDIZE FEDERAL FUNDING.

-AMBER MARTINEZ, HISTORIC PRESERVATION SPECIALIST

08/22/2010 - VERSION 0 REVISION 1 - ENVIRONMENTAL REVIEW. UNUSABLE EQUIPMENT, DEBRIS AND MATERIAL SHALL BE DISPOSED OF IN AN APPROVED MANNER AND LOCATION. IN THE EVENT SIGNIFICANT ITEMS (OR EVIDENCE THEREOF) ARE DISCOVERED DURING IMPLEMENTATION OF THE PROJECT, APPLICANT SHALL HANDLE, MANAGE, AND DISPOSE OF PETROLEUM PRODUCTS, HAZARDOUS MATERIALS (SUCH AS ASBESTOS AND LEAD BASED PAINT) AND/OR TOXIC WASTE IN ACCORDANCE TO THE REQUIREMENTS AND TO THE SATISFACTION OF THE GOVERNING LOCAL, STATE AND FEDERAL AGENCIES. K. ROWE, ENVIRONMENTAL SPECIALIST

08/22/2010 - VERSION 0 REVISION 1 - ENVIRONMENTAL REVIEW. IN ACCORDANCE WITH THE FORMOSAN TERMITE INITIATIVE ACT, (LA R.S. 3:3391.1 THRU 3391.13) THE LOUISIANA PARISH OF ORLEANS- IS UNDER QUARANTINE. THE MOVEMENT OF WOOD OR CELLULOSE MATERIAL, TEMPORARY HOUSING OR ARCHITECTURAL COMPONENTS (E.G. BEAMS, DOORS AND OTHER WOOD SALVAGED FROM A STRUCTURE) MAY NOT LEAVE THE QUARANTINED PARISHES WITHOUT WRITTEN AUTHORIZATION FROM THE COMMISSIONER OF THE LOUISIANA DEPARTMENT OF AGRICULTURE AND FORESTRY OR HIS DESIGNEE(S). K. ROWE, ENVIRONMENTAL SPECIALIST

08/22/2010 - VERSION 0 REVISION 1 - ENVIRONMENTAL REVIEW. PER CLEAN AIR ACT NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANT REGULATIONS AND LOUISIANA ADMINISTRATIVE CODE 33:III 5151, DEMOLITION ACTIVITIES RELATED TO POSSIBLE ASBESTOS-CONTAINING MATERIALS (PACM) MUST BE INSPECTED FOR ACM/PACM WHERE IT IS SAFE TO DO SO. ACM/PACM MUST BE HANDLED IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS AND DISPOSED OF AT APPROVED FACILITIES THAT ACCEPT ACM. DEMOLITION ACTIVITY NOTIFICATION MUST BE SENT TO THE LDEQ BEFORE WORK BEGINS. K. ROWE, ENVIRONMENTAL SPECIALIST

08/22/2010 - VERSION 0 REVISION 1 - ENVIRONMENTAL REVIEW. THIS PROJECT INVOLVES THE RENOVATION OF A PUBLIC STRUCTURE THAT MAY CONTAIN SURFACES COATED WITH LEAD-BASED PAINT (LBP). THE APPLICANT IS RESPONSIBLE COMPLYING W

ITH ALL LOCAL, STATE, AND FEDERAL LAWS AND ENSURING THAT PROJECT ACTIVITIES ARE COORDINATED WITH THE LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY FOR ABATEMENT ACTIVITIES. K. ROWE, ENVIRONMENTAL SPECIALIST

08/22/2010 - VERSION 0 REVISION 1 - ENVIRONMENTAL REVIEW. APPLICANT IS REQUIRED TO COORDINATE WITH THE LOCAL FLOODPLAIN ADMINISTRATOR REGARDING FLOODPLAIN PERMIT(S) PRIOR TO THE START OF ANY ACTIVITIES. APPLICANT IS RESPONSIBLE FOR OBTAINING AND RETAINING ALL PERMITS AND CERTIFICATES FOR VERIFICATION. ALL COORDINATION PERTAINING TO THESE PERMIT(S) SHOULD BE DOCUMENTED TO THE LOCAL FLOODPLAIN ADMINISTRATOR AND COPIES PROVIDED TO LA GOHSEP AND FEMA AS PART OF THE PERMANENT PROJECT FILES. IN COMPLIANCE WITH EO11988, AN 8-STEP PROCESS SHOWING CONSIDERED ALTERNATIVES WAS COMPLETED AND IS ATTACHED OR ON FILE. REPLACEMENT OF THE BUILDING MUST BE ELEVATED TO OR ABOVE THE BASE FLOOD ELEVATION (BFE) PER THE MAPS. AS PER 44 CFR 9.11 (D) (9), MITIGATION OR MINIMIZATION STANDARDS MUST BE APPLIED WHERE POSSIBLE. THE REPLACEMENT OF BUILDING CONTENTS, MATERIALS AND EQUIPMENT SHOULD BE, WHERE POSSIBLE, WET OR DRY FLOOD-PROOFED, ELEVATED, OR RELOCATED TO OR ABOVE THE BFE PER THE DFIRM MAPS. K. ROWE, ENVIRONMENTAL SPECIALIST

08/22/2010 - VERSION 0 REVISION 1 - ENVIRONMENTAL REVIEW. THIS PROJECT IS LOCATED WITHIN THE LOUISIANA COASTAL MANAGEMENT ZONE. LA DEPARTMENT OF NATURAL RESOURCES (DNR) HAS DETERMINED THAT RECEIPT OF FEDERAL ASSISTANCE IS CONSISTENT WITH THE LOUISIANA COASTAL RESOURCE PROGRAM. PROJECTS WITHIN THE COASTAL ZONE MAY STILL REQUIRE A COASTAL USE PERMIT OR OTHER AUTHORIZATION FROM DNR. K. ROWE, ENVIRONMENTAL SPECIALIST

08/22/2010 - VERSION 0 REVISION 1 - ENVIRONMENTAL REVIEW. IF REQUIRED BY LDEQ, THE APPLICANT SHALL REQUIRE ITS CONTRACTOR TO PREPARE, CERTIFY, AND IMPLEMENT A CONSTRUCTION STORM WATER POLLUTION PREVENTION PLAN (SWPPP) TO PREVENT SEDIMENT AND CONSTRUCTION MATERIAL TRANSPORT FROM THE PROJECT SITE. A LOUISIANA POLLUTION DISCHARGE ELIMINATION

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## GENERAL COMMENTS

SYSTEM (LAPDES) PERMIT WILL BE REQUIRED IN ACCORDANCE WITH THE CLEAN WATER ACT AND THE LOUISIANA CLEAN WATER CODE. ALL COORDINATION PERTAINING TO THESE ACTIVITIES SHOULD BE DOCUMENTED AND COPIES FORWARDED TO THE STATE AND FEMA AS PART OF THE PERMANENT PROJECT FILES. K. ROWE, ENVIRONMENTAL SPECIALIST

08/22/2010 - VERSION 0 REVISION 1 - FLOODPLAIN REVIEW. THE CITY OF NEW ORLEANS/ORLEANS PARISH ENROLLED IN THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) AS OF 03/08/1970. THE APPLICANT PLANS TO REPAIR OR REPLACE 53 SCHOOL FACILITIES, AND DEMOLISH BUILDINGS AT 7 OTHER SCHOOL FACILITIES. PER THE PRELIMINARY DIGITAL FLOOD INSURANCE RATE MAPS (DFIRM), DATED 11/13/2008; 41 OF THE 53 WILL BE BUILT IN THE SPECIAL FLOOD HAZARD AREA (SFHA), ZONE AE, WITH BASE FLOOD ELEVATIONS (BFE) RANGING FROM A -2 FEET NORTH AMERICA VERTICAL DATUM (NAVD) TO 5 FEET NAVD. 12 OF 53 ARE IN A SHADED ZONE X, OUTSIDE THE SFHA, IN AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD. THE 7 DEMOLISHED FACILITIES ARE ALL LOCATED IN THE SFHA. APPLICANT IS REQUIRED TO COORDINATE WITH THE LOCAL FLOODPLAIN ADMINISTRATOR REGARDING FLOODPLAIN PERMIT(S) PRIOR TO THE START OF ANY ACTIVITIES. NEW CONSTRUCTION MUST BE BUILT TO THE PRELIMINARY DFIRM BFE OR THE LOCAL FLOODPLAIN ORDINANCES; WHICHEVER IS MORE STRINGENT AND BUILT TO CURRENT CODES AND STANDARDS. APPLICANT IS RESPONSIBLE FOR MEETING ALL REQUIREMENTS AND PERMIT(S), IN COMPLIANCE WITH EO 11988. A COMPLETED UPDATED 8-STEP PROCESS SHOWING CONSIDERED ALTERNATIVES IS ATTACHED OR ON FILE. PER 44 CFR 9.11(D)(9), IN THE REPLACEMENT OF BUILDING CONTENTS, MATERIAL AND EQUIPMENT, THE APPLICANT SHALL REQUIRE, AS APPROPRIATE, DISASTER PROOFING OF THE BUILDING AND/OR ELIMINATION OF SUCH FUTURE LOSSES BY RELOCATION OF THOSE BUILDING CONTENTS, MATERIALS AND EQUIPMENT TO OR ABOVE THE REQUIRED BASE FLOOD

ELEVATIONS. PER 44 CFR 9.12, A CUMULATIVE FINAL PUBLIC NOTICE WAS PUBLISHED 10/26/2007 AND IS ON FILE. ALAN JOHNSON, CFM, PE, FLOODPLAIN SPECIALIST

8-22-10. THIS PROJECT MEETS THE CRITERIA TO UTILIZE THE ALTERNATIVE ARRANGEMENT PROCESS WITHIN THE NATIONAL ENVIRONMENTAL POLICY ACT APPROVED BY THE COUNCIL ON ENVIRONMENTAL QUALITY, DHS AND FEMA ON 3/23/2006. BASED ON INFORMATION PROVIDED BY THE APPLICANT, THE SCOPE OF WORK FOR THIS PROJECT IS INCLUDED IN THE ALTERNATIVE ARRANGEMENT PROCESS THROUGH THE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA). THE APPLICANT HAS PROVIDED SUFFICIENT DOCUMENTATION TO DEMONSTRATE A SATISFACTORY PUBLIC INVOLVEMENT PROCESS THROUGHOUT THE FORMULATION OF THE NOVEMBER 2008 NEW ORLEANS PUBLIC SCHOOLS "MASTER PLAN". ANY CHANGES TO THIS APPROVED SCOPE OF WORK WILL REQUIRE SUBMISSION TO, AND EVALUATION AND APPROVAL BY, THE STATE AND FEMA PRIOR TO INITIATION OF ANY WORK, FOR COMPLIANCE WITH NEPA. THE APPLICANT IS REQUIRED TO OBTAIN AND COMPLY WITH ALL LOCAL, STATE AND FEDERAL PERMITS AND REQUIREMENTS. NON-COMPLIANCE WITH THE REQUIREMENTS NOTED ABOVE MAY JEOPARDIZE THE RECEIPT OF FEDERAL FUNDING. BORDEN, ES

## PW REQUIRED REVIEWS

REVIEW	REVIEW STATUS	RECOMMENDATION	ASSIGNED REVIEWER	REVIEWER	DATE SUBMITTED	DATE REVIEWED
Initial	Complete	Eligible		djacks24	08/22/2010	08/22/2010
Initial	Complete	Eligible	PENNY JOHNSON	pjohns13	08/24/2010	08/24/2010
Initial	Complete	Eligible		zsherma1	08/20/2010	08/20/2010
Initial	Complete	Eligible		zsherma1	08/20/2010	08/20/2010
Initial	Complete	Eligible		dkelley2	08/31/2010	08/31/2010
Initial	Complete	Eligible		ksweene2	02/25/2010	03/02/2010

# PROJECT WORKSHEET REPORT

**DECLARATION NO.** FEMA-LA - DR1603

**PREPARED DATE** 07/22/2010

**FIPS NO.** 033-UA9M2-00

**REPORT DATE** 09/08/2010 15:52

**APPLICANT NAME** RECOVERY SCHOOL DISTRICT

**INF TYPE**  INF  
 NON-INF  
 REC

**SUBDIVISION**

**FEMA PW #** 19166      **VSN** 0      **REF#** AP982

## PW REQUIRED REVIEWS

REVIEW	REVIEW STATUS	RECOMMENDATION	ASSIGNED REVIEWER	REVIEWER	DATE SUBMITTED	DATE REVIEWED
Insurance	Complete	Eligible	GERALD JONES	gjones9	08/20/2010	08/21/2010
Insurance	Complete	Eligible	GERALD JONES	gjones9	03/08/2010	03/08/2010
Insurance	Complete	Eligible	GERALD JONES	gjones9	03/02/2010	03/08/2010
Environmental	Complete	Eligible	KELLY ROWE	aborden	08/22/2010	08/23/2010
Environmental	Complete	Eligible	TIFFANY SPANN	tspann2	03/02/2010	03/03/2010
Historical	Complete	Eligible	AMBER MARTINEZ	amarti18	03/02/2010	03/03/2010
Historical	Complete	Eligible	AMBER MARTINEZ	amarti18	08/22/2010	08/23/2010
Floodplain Management	Complete	Eligible	ADAM BORDEN	aborden	08/22/2010	08/23/2010
STATE	Complete	Eligible		jamune2	03/02/2010	03/08/2010
Floodplain Management	Complete	Eligible	JOHN RENNE	jrenne	03/02/2010	03/03/2010
Mitigation Staff	Complete	Eligible	BILLY DOUGLAS	bdougla3	03/02/2010	03/02/2010
PAO	Complete	Eligible		djacks24	03/09/2010	08/20/2010
Final	Complete	Eligible		mboucha2	08/21/2010	08/21/2010
20 Million Dollar Queue	Complete	Eligible		dkelley2	08/31/2010	08/31/2010
Final	Complete	Eligible		mboucha2	03/08/2010	03/08/2010
Final	Complete	Eligible		dkelley2	08/31/2010	08/31/2010