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**Sheleen Dumas,**

*Department PRA Clearance Officer, Office of the Chief Information Officer, Commerce Department.*

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**BILLING CODE 3510-22-P**

**DEPARTMENT OF DEFENSE**

**Office of the Secretary**

**[Transmittal No. 19-49]**

**Arms Sales Notification**

**AGENCY:** Defense Security Cooperation Agency, Department of Defense.

**ACTION:** Arms sales notice.

**SUMMARY:** The Department of Defense is publishing the unclassified text of an arms sales notification.

**FOR FURTHER INFORMATION CONTACT:**

Karma Job at [karma.d.job.civ@mail.mil](mailto:karma.d.job.civ@mail.mil) or (703) 697-8976.

**SUPPLEMENTARY INFORMATION:** This 36(b)(1) arms sales notification is published to fulfill the requirements of section 155 of Public Law 104-164 dated July 21, 1996. The following is a copy of a letter to the Speaker of the House of Representatives, Transmittal 19-49 with attached Policy Justification and Sensitivity of Technology.

Dated: December 12, 2019.

**Aaron T. Siegel,**

*Alternate OSD Federal Register Liaison Officer, Department of Defense.*

**BILLING CODE 5001-06-P**



DEFENSE SECURITY COOPERATION AGENCY  
201 12<sup>TH</sup> STREET SOUTH, SUITE 101  
ARLINGTON, VA 22202-5408

The Honorable Nancy Pelosi  
Speaker of the House  
U.S. House of Representatives  
H-209, The Capitol  
Washington, DC 20515

SEP 10 2019

Dear Madam Speaker:

Pursuant to the reporting requirements of Section 36(b)(1) of the Arms Export Control Act, as amended, we are forwarding herewith Transmittal No. 19-49 concerning the Air Force's proposed Letter(s) of Offer and Acceptance to the Government of Poland for defense articles and services estimated to cost \$6.5 billion. After this letter is delivered to your office, we plan to issue a news release to notify the public of this proposed sale.

Sincerely,

Charles W. Hooper  
Lieutenant General, USA  
Director

Enclosures:

- 1. Transmittal
- 2. Policy Justification
- 3. Sensitivity of Technology

BILLING CODE 5001-06-C

Transmittal No. 19-49

Notice of Proposed Issuance of Letter of Offer Pursuant to Section 36(b)(1) of the Arms Export Control Act, as amended

(i) *Prospective Purchaser:* Government of Poland

(ii) *Total Estimated Value:*

Major Defense Equipment \* \$4.1 billion

Other ..... 2.4 billion  
TOTAL ..... 6.5 billion

(iii) *Description and Quantity or Quantities of Articles or Services under Consideration for Purchase:*

*Major Defense Equipment (MDE):*  
Thirty-two (32) F-35 Joint Strike Fighter Conventional Take Off and Landing (CTOL) Aircraft

Thirty-three (33) Pratt & Whitney F-135 Engines (32 installed, 1 spare)

*Non-MDE:* Also included are Electronic Warfare Systems; Command, Control, Communications, Computer, and Intelligence/Communications, Navigational, and Identification (C4I/CNI); Autonomic Logistics Global Support System (ALGS); Autonomic

Logistics Information System (ALIS); Full Mission Trainer; Weapons Employment Capability, and other Subsystems, Features, and Capabilities; F-35 unique infrared flares; reprogramming center; F-35 Performance Based Logistics; software development/integration; aircraft ferry and tanker support; support equipment; tools and test equipment; communications equipment; spares and repair parts; personnel training and training equipment; publications and technical documents; U.S. Government and contractor engineering, logistics, and personnel services; and other related elements of logistics and program support.

(iv) *Military Department: Air Force (PL-D-SAI)*

(v) *Prior Related Cases, if any: None*

(vi) *Sales Commission, Fee, etc., Paid, Offered, or Agreed to be Paid: None*

(vii) *Sensitivity of Technology Contained in the Defense Article or Defense Services Proposed to be Sold: See Attached Annex.*

(viii) *Date Report Delivered to Congress: September 10, 2019*

\* As defined in Section 47(6) of the Arms Export Control Act.

#### POLICY JUSTIFICATION

##### *Poland—F-35 Joint Strike Fighter Aircraft*

Poland has requested to buy thirty-two (32) F-35 Joint Strike Fighter Conventional Take Off and Landing (CTOL) Aircraft and thirty-three (33) Pratt & Whitney F-135 Engines. Also included are Electronic Warfare Systems; Command, Control, Communications, Computer, and Intelligence/Communications, Navigational, and Identification (C4I/CNI); Autonomic Logistics Global Support System (ALGS); Autonomic Logistics Information System (ALIS); Full Mission Trainer; Weapons Employment Capability, and other Subsystems, Features, and Capabilities; F-35 unique infrared flares; reprogramming center; F-35 Performance Based Logistics; software development/integration; aircraft ferry and tanker support; support equipment; tools and test equipment; communications equipment; spares and repair parts; personnel training and training equipment; publications and technical documents; U.S. Government and contractor engineering, logistics, and personnel services; and other related elements of logistics and program support. The estimated cost is \$6.5 billion.

This proposed sale will support the foreign policy and national security of

the United States by improving the security of a NATO ally, which is an important force for political stability and economic progress in Europe. This sale is consistent with U.S. initiatives to provide key allies in the region with modern systems that will enhance interoperability with U.S. forces and increase security.

This proposed sale of F-35s will provide Poland with a credible defense capability to deter aggression in the region and ensure interoperability with U.S. forces. The proposed sale will augment Poland's operational aircraft inventory and enhance its air-to-air and air-to-ground self-defense capability. The Polish Air Force's legacy MiG-29 and Su-22 fleet will be replaced with F-35s. Poland will have no difficulty absorbing these aircraft into its armed forces.

The proposed sale of this aircraft, systems and support will not alter the basic military balance in the region.

The prime contractors will be Lockheed Martin Aeronautics Company in Fort Worth, Texas; and Pratt & Whitney Military Engines in East Hartford, Connecticut. There are no known offset agreements proposed in connection with this potential sale. However, the purchaser typically requests offsets. Any offset agreements will be defined in negotiations between the purchaser and the contractor(s).

Implementation of this proposed sale will require multiple trips to Poland involving U.S. Government and contractor representatives for technical reviews/support, program management and training over the life of the program. U.S. contractor representatives will be required in Poland to conduct Contractor Engineering Technical Services (CETS) and Autonomic Logistics and Global Support (ALGS) for after aircraft delivery.

There will be no adverse impact on U.S. defense readiness as a result of this proposed sale.

Transmittal No. 19-49

Notice of Proposed Issuance of Letter of Offer Pursuant to Section 36(b)(1) of the Arms Export Control Act

Annex

Item No. vii

(vii) *Sensitivity of Technology:*

1. The F-35 Conventional Take-Off and Landing (CTOL) Block 4 aircraft is classified SECRET, except as noted below. It contains current technology representing the F-35 low observable airframe/outer mold line, Pratt & Whitney engine, radar, integrated core processor central computer, mission systems/electronic warfare suite, a

multiple sensor suite, operational flight and maintenance trainers, technical data/documentation, and associated software. As the aircraft and its subsystems are under development, many specific identifying equipment/system nomenclatures have not been assigned to date. Sensitive and classified elements of the F-35 CTOL Block 4 aircraft include hardware, accessories, components, and associated software for the following major subsystems:

a. The Propulsion system is classified SECRET and contains technology representing the latest state-of-the-art in several areas. Information on performance and inherent vulnerabilities is classified SECRET. Software (object code) is classified SECRET. The single 40,000-lb thrust class engine is designed for low observability and has been integrated into the aircraft system. Pratt & Whitney, with the F-135, is developing and producing engine turbo machinery compatible with the F-35 and assures highly reliable, affordable performance. The engine is designed to be utilized in all F-35 variants, providing unmatched commonality and supportability throughout the worldwide base of F-35 users. The CTOL propulsion configuration consists of a main engine, diverterless supersonic inlet, and a Low Observable Axisymmetric Nozzle (LOAN).

b. The AN/APG-81 Active Electronically Scanned Array (AESA) provides mission systems with air-to-air and air-to-ground tracks, which the mission system uses as a component to sensor fusion. The AESA allows the radar to direct RF energy in a way that does not expose the F-35, allowing it to maintain low observability in high-threat environments. The radar subsystem supports integrated system performance for air-to-air missions by providing search, track, identification, and AIM-120 missile data link functionality. The radar also provides synthetic aperture radar mapping for locating surface targets and weather mapping for weather avoidance. The radar functions are tightly integrated, interleaved, and managed by an interface to sensor management functions within mission software. The hardware and software are classified SECRET.

c. The Electro Optical Targeting System (EOTS) contains technology representing the latest state-of-the-art in several areas. Information on performance and inherent vulnerabilities is classified SECRET. Software (object code) is classified SECRET. The EOTS subsystem to the

sensor suite provides long-range detection and tracking, Infrared Search and Track (IRST) capability, a Forward-Looking Infrared (FLIR) sensor for precision tracking, and Bomb Damage Indication (BDI) capability. EOTS replaces multiple separate internal or podded systems typically found on legacy aircraft. The functionality of the EOTS employs the following modes: Targeting FLIR; Laser Range-Finding and Target Designation; EO DAS and EOTS Performance.

d. The Electro-Optical Distributed Aperture System (EODAS) is a subsystem to the sensor suite and provides full spherical coverage for air-to-air and air-to-ground detection and Navigation Forward Looking Infrared (NFLIR) imaging. The system contains both SECRET and UNCLASSIFIED elements and contains technology representing the latest state-of-the-art in several areas. Information on performance and inherent vulnerabilities is classified SECRET. Software (object code) is classified SECRET. The NFLIR capability provides infrared (IR) imagery directly to the pilot's Helmet-Mounted Display (HMD) for navigation in total darkness, including takeoff and landing, and provides a passive IR input to the F-35's sensor fusion algorithms. The all-aspect missile warning function provides time-critical warnings of incoming missiles and cues other subsystems to provide effective countermeasure employment. EODAS also provides an IRST function that can create and maintain Situational Awareness-quality tracks (SAIRST). EODAS is a midwave Infrared (IR) system consisting of six identical sensors distributed around the F-35 aircraft. Each sensor has a corresponding airframe window panel integrated with the aircraft structure to meet aerodynamic and stealth requirements.

e. The Electronic Warfare (EW) system contains technology representing the latest state-of-the-art in several areas. Information on performance and inherent vulnerabilities is classified SECRET. Software (object code) is classified SECRET. Sensitive elements include: apertures; radio frequency (RF) and infrared (IR) countermeasures; and Electronic Countermeasures (ECM) techniques and features. The reprogrammable, integrated system provides radar warning and electronic support measures (ESM) along with a fully integrated countermeasures (CM) system. The EW system is the primary subsystem used to enhance situational awareness, targeting support and self-defense through the search, intercept, location and identification of in-band

emitters and to automatically counter IR and RF threats. The IR and RF countermeasures are classified SECRET. This system uses low signature-embedded apertures, located in the aircraft control surface edges, to provide direction finding and identification of surface and airborne emitters and the geo location of surface emitters. The system is classified SECRET.

f. The Command, Control, Communications, Computers and Intelligence/communications, Navigation, and Identification (C4I/CNI) system provides the pilot with unmatched connectivity to flight members, coalition forces, and the battlefield. It is an integrated subsystem designed to provide a broad spectrum of secure, antijam, covert voice and data communications, precision radio navigation and landing capability, self-identification, beyond visual range target identification, and connectivity with off-board sources of information. The functionality is tightly integrated within the mission system for enhanced efficiency and effectiveness in the areas of communications, navigation, identification, and sensor fusion. Information on performance and inherent vulnerabilities is classified SECRET. Software (object code) is classified SECRET. The CNI function includes both SECRET and UNCLASSIFIED elements. Sensitive elements of the CNI subsystems include:

1. The VHF/UHF Voice and Data (Plain and Secure) Communication functionality includes air-to-air UHF/VHF voice and data, both clear and secure, to provide communications with other friendly and coalition aircraft, air-to-ground UHF voice to provide communications with ground sites, and intercommunication voice and tone alerts to provide communications between the avionics system and the pilot. UHF/VHF downlink of air vehicle status and maintenance information is provided to notify the ground crews of the amounts and types of stores, fuel, and other supplies or equipment needed to quickly turn the aircraft for the next mission. The system contains both SECRET and UNCLASSIFIED elements and contains technology representing the latest state-of-the-art in several areas. Information on performance and inherent vulnerabilities is classified SECRET. Software (object code) is classified SECRET.

2. The Tactical Air Navigation (TACAN) functionality provides operational modes to identify ground station and to provide bearing-to-station, slant range-to ground station, bearing-to-airborne station and slant range to the nearest airborne station or

aircraft. TACAN is not unique to the F-35 aircraft but is standard on most U.S. Air Force aircraft. Information on performance and inherent vulnerabilities is classified SECRET. Software (object code) is classified SECRET.

3. The Identification Friend or Foe Interrogator and Transponder Identification functionality consists of integrated Mark XII Identification Friend or Foe (IFF) transponder capability to provide identification of other friendly forces. The CNI system supports sensor fusion by supplying data from IFF interrogations and offboard sources through the intra-flight data link. The system contains both SECRET and UNCLASSIFIED elements and contains technology representing the latest state-of-the-art in several areas. Information on performance and inherent vulnerabilities is classified SECRET. Software (object code) is classified SECRET.

4. The Global Positioning System Navigation functionality includes the Global Positioning System (GPS) aided inertial navigation to provide high-quality positional navigation, and the Instrument Landing System (ILS)/Tactical Air Control and Navigation (TACAN) to provide navigation and landing cues within controlled airspace. Information on performance and inherent vulnerabilities is classified SECRET. Software (object code) is classified SECRET.

5. The Multi-Function Advanced Data Link (MADL) is used specifically for communications between F-35 aircraft and has a very low probability of intercept, contributing to covert operations. The system contains both SECRET and UNCLASSIFIED elements and contains technology representing the latest state-of-the-art in several areas. Information on performance and inherent vulnerabilities is classified SECRET. Software (object code) is classified SECRET.

6. The Inertial Navigation System is an all-attitude, Ring Laser Gyro-based navigation system providing outputs of linear and angular acceleration, velocity, body angular rates, position, altitude (roll, pitch, and platform azimuth), magnetic and true heading, altitude, and time tags. Information on performance and inherent vulnerabilities is classified SECRET. Software (object code) is classified SECRET.

7. The Radar Altimeter functionality is a module provided in the CNI system rack 3A and uses separate transmit and receive antennae. It measures and reports altitude, and altitude rate of change. Control data is transferred over

to a configurable avionics interface card, which translates the information to the F-35 aircraft computers. Information on performance and inherent vulnerabilities is classified SECRET. Software (object code) is classified SECRET.

8. The Instrument Landing System (ILS) measures, and reports azimuth course and alignment, elevation course alignment, and distance to the runway. Data from the ILS is used to drive visual flight instrumentation. Information on performance and inherent vulnerabilities is classified SECRET. Software (object code) is classified SECRET.

9. The Tactical Data Link is a secure broadcast Tactical Digital Information Link (TADIL) used for real-time voice/data exchange for command and control, relative navigation, and Precise Position Location Identification (PPLI), providing Link-16 type capabilities. The system contains both SECRET and UNCLASSIFIED elements and contains technology representing the latest state-of-the-art in several areas. Information on performance and inherent vulnerabilities is classified SECRET. Software (object code) is classified SECRET.

g. The F-35 Autonomic Logistics Global Sustainment (ALGS) includes both SECRET and UNCLASSIFIED elements. It provides a fully integrated logistics management solution. ALGS integrates a number of functional areas, including supply chain management, repair, support equipment, engine support, and training. The ALGS infrastructure employs a state-of-the-art information system that provides real-time, decision-worthy information for sustainment decisions by flight line personnel. Prognostic health monitoring technology is integrated with the air system and is crucial to the predictive maintenance of vital components.

h. The F-35 Autonomic Logistics Information System (ALIS) includes both SECRET and UNCLASSIFIED elements. The ALIS provides an intelligent information infrastructure that binds all of the key concepts of ALGS into an effective support system. ALIS establishes the appropriate interfaces among the F-35 Air Vehicle, the warfighter, the training system, government information technology (IT) systems, JSF operations, and supporting commercial enterprise systems. Additionally, ALIS provides a comprehensive tool for data collection and analysis, decision support, and action tracking.

i. The F-35 Training System includes both SECRET and UNCLASSIFIED elements. The Training System includes

several types of training devices, to provide for integrated training of both pilots and maintainers. The pilot training device includes a Full Mission Simulator (FMS). The maintainer training devices include an Aircraft Systems Maintenance Trainer (ASMT), Ejection System Maintenance Trainer (ESMT), and Weapons Loading Trainer (WLT). The F-35 Training System can be integrated, where both pilots and maintainers learn in the same Integrated Training Center (ITC). Alternatively, the pilots and maintainers can train in separate facilities (Pilot Training Center and Maintenance Training Center).

j. Weapons employment capability is SECRET and contains technology representing the latest state-of-the-art in several areas. Information on performance and inherent vulnerabilities is SECRET. Software (object code) is classified SECRET. Sensitive elements include co-operative targeting.

k. Other Subsystems, Features, and Capabilities:

1. The Low Observable Air Frame is SECRET and contains technology representing the latest state-of-the-art in several areas. Information on performance and inherent vulnerabilities is classified SECRET. Software (object code) is SECRET. Sensitive elements include: the Radar Cross Section and its corresponding plots, construction materials and fabrication.

2. The Integrated Core Processor (ICP) Central Computer is SECRET and contains technology representing the latest state-of-the-art in several areas. Information on performance and inherent vulnerabilities is SECRET. Software (object code) is classified SECRET. Sensitive elements include: F-35 Integrated Core Processor utilizing Commercial Off-the-Shelf (COTS) Hardware and Module Design to maximize growth and allow for efficient management of DMS and Technology Insertion, if additional processing is needed, a second ICP will be installed in the space reserved for that purpose, more than doubling the current throughput and memory capacity.

3. The F-35 Helmet Mounted Display System (HMDS) is SECRET and contains technology representing the latest state-of-the-art in several areas. Information on performance and inherent vulnerabilities is SECRET. Software (object code) is SECRET. Sensitive elements include: HMDS consists of the Display Management Computer-Helmet, a helmet shell/display module, a quick disconnect integrated as part of the ejection seat, helmet trackers and tracker processing, day- and night-

vision camera functions, and dedicated system/graphics processing. The HMDS provides a fully sunlight readable, biocular display presentation of aircraft information projected onto the pilot's helmet visor. The use of a night vision camera integrated into the helmet eliminates the need for separate Night Vision Goggles (NVG). The camera video is integrated with EO and IR imaging inputs and displayed on the pilot's visor to provide a comprehensive night operational capability.

4. The Pilot Life Support System is SECRET and contains technology representing the latest state-of-the-art in several areas. Information on performance and inherent vulnerabilities is SECRET. Software (object code) is SECRET. Sensitive elements include: a measure of Pilot Chemical, Biological, and Radiological Protection through use of an On-Board Oxygen Generating System (OBOGS); and an escape system that provide additional protection to the pilot. OBOGS takes the Power and Thermal Management System (PTMS) air and enriches it by removing gases (mainly nitrogen) by adsorption, thereby increasing the concentration of oxygen in the product gas and supplying breathable air to the pilot.

5. The Off-Board Mission Support System is SECRET and contains technology representing the latest state-of-the-art in several areas. Information on performance and inherent vulnerabilities is SECRET. Software (object code) is SECRET. Sensitive elements include: mission planning, mission briefing, maintenance/intelligence/ tactical debriefing, sensor/algorithm planning, EW system reprogramming, data debrief, etc.

1. Publications: Manuals are considered SECRET as they contain information on aircraft/system performance and inherent vulnerabilities.

2. The JSF Reprogramming Center is classified SECRET and contains technology representing the latest state-of-the-art in several areas. This hardware/software facility is located in the United States and provides F-35 customers a means to update JSF electronic warfare databases. Sensitive elements include: EW software databases and tools to modify these databases.

3. If a technologically advanced adversary were to obtain knowledge of the specific hardware and software elements, the information could be used to develop countermeasures that might reduce weapon system effectiveness or be used in the development of a system with similar or advanced capabilities.

4. A determination has been made that Poland can provide substantially the same degree of protection for the sensitive technology being released as the U.S. Government. This sale is necessary in furtherance of the U.S. foreign policy and national security objectives outlined in the Policy Justification.

5. All defense articles and services listed in this transmittal are authorized for release and export to the Government of Poland.

[FR Doc. 2019-27133 Filed 12-16-19; 8:45 am]

BILLING CODE 5001-06-P

## DEPARTMENT OF DEFENSE

### Department of the Army, Corps of Engineers

#### Notice of Intent To Prepare a Tiered Environmental Impact Statement for the New Jersey Back Bays Coastal Storm Risk Management Feasibility Study

**AGENCY:** U.S. Army Corps of Engineers, DoD.

**ACTION:** Notice of intent.

**SUMMARY:** Pursuant to the requirements of the National Environmental Policy Act (NEPA), the U.S. Army Corps of Engineers, Philadelphia District (Corps) is preparing an integrated Feasibility Report/Tiered Environmental Impact Statement (EIS) for the proposed New Jersey Back Bays (NJBB) Coastal Storm Risk Management (CSRMS) Feasibility Study. The study is assessing the feasibility of coastal storm risk management alternatives to be implemented within the authorized study area with a specific emphasis on the back bay areas along the New Jersey Atlantic Coast extending from Cape May Inlet to Shark River Inlet including the NJ Coastal Lakes Area.

**DATES:** Comments and suggestions must be submitted by January 16, 2020.

**ADDRESSES:** Pertinent information about the study can be found at: <https://www.nap.usace.army.mil/Missions/Civil-Works/New-Jersey-Back-Bays-Study/>. Interested parties are welcome to send written comments and suggestions concerning the scope of issues to be evaluated within the Tiered EIS to Steven D. Allen, Environmental Resources Branch, Planning Division, U.S. Army Corps of Engineers, Philadelphia District. Mail: Steven D. Allen, U.S. Army Corps of Engineers, Philadelphia District, CENAP-PL-E, Wanamaker Building, 100 Penn Square East, Philadelphia, PA 19107-3390;

phone: (215) 656-6559; email: [Steven.D.Allen@usace.army.mil](mailto:Steven.D.Allen@usace.army.mil).

**FOR FURTHER INFORMATION CONTACT:**

Questions about the overall NJBB study should be directed to J.B. Smith, Project Manager, U.S. Army Corps of Engineers, Philadelphia District, Planning Division, Project Development Branch. Mail: J.B. Smith, U.S. Army Corps of Engineers, Philadelphia District, CENAP-PL-PC, Wanamaker Building, 100 Penn Square East, Philadelphia, PA 19107-3390; Phone: (215) 656-6579; email: [J.B.Smith@usace.army.mil](mailto:J.B.Smith@usace.army.mil).

**SUPPLEMENTARY INFORMATION:**

#### 1. Background

The U.S. Army Corps of Engineers (Corps), in partnership with the New Jersey Department of Environmental Protection (NJDEP), as the non-federal sponsor, are undertaking this study. The NJBB CSRMS Feasibility Study area is one of 9 focus areas with vulnerable coastal populations identified in the North Atlantic Coast Comprehensive Study (NACCS). The NACCS was conducted in response to Public Law 113-2 and the Water Resource and Reform Development Act (WRRDA) of 2014 following the devastation in the wake of Hurricane Sandy, which greatly affected the study area in October of 2012. The purpose of the NJBB CSRMS Feasibility Study is to identify comprehensive CSRMS strategies to increase coastal resilience, and to reduce flooding risk from future storms and impacts of sea level change. The objective of the Study is to investigate CSRMS problems and solutions to reduce damages from coastal flooding that affect population, critical infrastructure, critical facilities, property, and ecosystems. The authority for the proposed project is the resolution adopted by the U.S. House of Representatives Committee on Public Works and Transportation and the U. S. Senate Committee on Environment and Public Works dated December 1987. A Feasibility Cost Sharing Agreement (FCSA) was executed in 2016 with the NJDEP.

#### 2. Study Area

The study area encompasses approximately 950 square miles located behind the New Jersey barrier islands of Monmouth, Ocean, Burlington, Atlantic and Cape May Counties, and includes the set of interconnected water bodies and coastal lakes that are separated from the Atlantic Ocean.

#### 3. Corps Decision Making

As required by Council on Environmental Quality's Principles, Requirements and Guidelines for Water

and Land Related Resources Implementation Studies all reasonable alternatives to the proposed Federal action that meet the purpose and need will be considered in the Tiered EIS. Tiering, which is defined in 40 CFR 1508.28, is a means of making the environmental review process more efficient by allowing parties to "eliminate repetitive discussions of the same issues and to focus on the actual issues suitable for decision at each level of environmental review" (40 CFR 1502.20). The Study will consider the full array of structural, non-structural, and natural and nature-based measures, and will consider past, current, and future coastal storm risk management and resilience planning initiatives and projects underway by the USACE and other Federal, State, and local agencies.

#### 4. Public Participation

The Corps and the NJDEP hosted two agency workshop meetings in June 2017, with representatives from federal and state agencies, counties, municipalities, non-governmental organizations (NGOs), elected officials and academia. The Corps initially announced the preparation of an integrated Feasibility Report/EIS for study in the December 27, 2017 **Federal Register**. Two public NEPA scoping meetings were later held in the southern and northern regions of the study area in September 2018. Subsequent to the publication of the December 27, 2017 NOI, the Study was granted an exemption from the requirement to complete the feasibility study within 3 years, as required in Section 1001(a) of the Water Resources Reform and Development Act of 2014. This exemption was granted on October 31, 2018 on an interim basis, and allowed for an additional 17 months to complete the Draft Integrated Feasibility Report and Tier 1 EIS. Therefore, in order to align the revised study schedule with Executive Order 13807, Notice to Withdraw the original NOI was published in the February 20, 2019 **Federal Register**. To further provide the public with study information, an Interim Feasibility Report and Environmental Scoping Document was released on February 28, 2019 that identified the preliminary economic, environmental, engineering and other studies performed to date of the above referenced alternatives. This report presented the selection of a focused array of alternatives for further evaluation. A webinar was later held on March 14, 2019 to present the findings of the report and to solicit comments from the general public and stakeholders. In addition, comments,