

of Columbia, without regard to civil-service laws, rules, and regulations, and to pay from the sums hereby authorized and appropriated for construction purposes, at customary rates of compensation, such additional technical and clerical services as may be necessary, exclusively to aid in the preparation of the drawings and specifications for the above-named objects and supervision of the execution thereof, for traveling expenses, and printing incident thereto, at a total limit of cost for such additional technical and clerical services and traveling expenses, and so forth, of not exceeding \$210,000 of the above-named limit of cost. All of the above-mentioned work shall be under the direction and supervision of the Surgeon General of the Public Health Service, subject to the approval of the Secretary of the Treasury.

Limit.

Supervision.

Appropriation for Public Health Service, 1919.

SEC. 11. There is hereby appropriated, out of any moneys in the Treasury not otherwise appropriated, for necessary personnel, including regular and reserve commissioned officers of the Public Health Service and clerical help in the District of Columbia and elsewhere, and maintenance, hospital supplies and equipment, leases, fuel, lights, and water, and freight, transportation, and travel, and reasonable burial expenses (not exceeding \$100 for any patient dying in hospital), \$785,333 for the fiscal year ending June thirtieth, nineteen hundred and nineteen.

Approved, March 3, 1919.

CHAP. 99.—An Act Making appropriations for fortifications and other works of defense, for the armament thereof, and for the procurement of heavy ordnance for trial and service, for the fiscal year ending June 30, 1920, and for other purposes.

March 3, 1919.
[H. R. 15979.]

[Public, No. 327.]

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums are appropriated, out of any money in the Treasury not otherwise appropriated, for fortifications and other works of defense, for the armament thereof, and for the procurement of heavy ordnance for trial and service, for the fiscal year ending June 30, 1920, and for other purposes, to be available immediately, namely:

Fortifications appropriations.

FORTIFICATIONS AND OTHER WORKS OF DEFENSE.

ENGINEER DEPARTMENT.

Engineer Department.

For construction of gun and mortar batteries, \$380,000.

For modernizing older emplacements, \$37,250.

Gun and mortar batteries.
Emplacements.
Electric plants, etc.
Balances reappropriated for, covered in.
Note, p. 816.

The sum of \$1,250,000 of the unexpended balance of the appropriation "For the installation and replacement of electric light and power plants at seacoast fortifications in the United States; the purchase and installation of searchlights for seacoast defenses in the United States, including searchlights for antiaircraft defenses and accessories therefor; and the procurement and installation of sound-ranging equipment for use in the United States, the insular possessions, and the Panama Canal, and for salaries of electrical experts, engineers, and other employees necessary to procure and install the same," shall be covered into the Treasury immediately upon the approval of this Act.

Preservation, etc.

For protection, preservation, and repair of fortifications for which there may be no special appropriation available, and of structures for the torpedo defense of the United States and for maintaining channels for access to torpedo wharves, \$250,000.

Plans.

For preparation of plans for fortifications and other works of defense, \$25,000.

Supplies for electric plants.

For maintenance and repair of searchlights and electric light and power equipment for seacoast fortifications, and for tools, electrical

and other supplies, and appliances to be used in their operation, including the purchase of reserve lights, \$50,000.

The sum of \$400,000 of the unexpended balance of appropriations heretofore made "for the construction of mining casemates, cable galleries, torpedo storehouses, cable tanks, and other structures, and so forth," for the continental United States, shall be covered into the Treasury immediately upon the approval of this Act.

For the construction of land defenses in the United States, including the procurement of equipment and materials required therefor, the construction and repair of roads required for military purposes, and the procurement and installation of searchlights, \$60,000.

For protection of the shore of the Sandy Hook Reservation, \$544,000.

UNDER THE CHIEF SIGNAL OFFICER.

Signal Service.

Fire-control stations.

For operation and maintenance of fire-control installations at seacoast defenses, \$150,000.

Armament.

ARMAMENT OF FORTIFICATIONS.

Ammunition for seacoast cannon, etc.

For purchase, manufacture, and test of ammunition for seacoast cannon, and for modernizing projectiles on hand, including the necessary experiments in connection therewith, and the machinery necessary for its manufacture, \$855,442.

Ammunition, etc., for seacoast artillery practice.

For purchase, manufacture, and test of ammunition, subcaliber guns, and other accessories for seacoast artillery practice, including the machinery necessary for their manufacture, \$1,000,000.

Altering, etc., seacoast artillery.

For alteration and maintenance of seacoast artillery, including the purchase and manufacture of machinery, tools, materials necessary for the work, and expenses of civilian mechanics and extra-duty pay of enlisted men engaged thereon, \$1,250,000.

Proving grounds.

PROVING GROUNDS.

Current expenses.

For current expenses of the ordnance proving grounds, comprising the maintenance of rail and water transportation, repairs, alterations, accessories, and service of employees incidental to testing and proving ordnance and ordnance matériel, hire of assistants for the Ordnance Board, purchase of instruments and articles required for testing and experimental work, building and repairing butts and targets, clearing and grading ranges, \$400,000.

Submarine mines.

SUBMARINE MINES.

Balance for, covered in.
Ante, p. 200.

The sum of \$125,000 of the unexpended balance of appropriations heretofore made "for maintenance of submarine mine material within the limits of continental United States, and so forth," shall be covered into the Treasury immediately upon the approval of this Act.

Barracks and quarters.

BARRACKS AND QUARTERS.

Minor structures for seacoast defenses.

Barracks and quarters; seacoast defenses: For minor structures in connection with the adopted project for seacoast defenses, including the installation therein of plumbing and of heating and lighting apparatus, to be expended as in the judgment of the Secretary of War may be necessary, \$40,000.

Insular possessions.

FORTIFICATIONS IN INSULAR POSSESSIONS.

Engineer Department.

ENGINEER DEPARTMENT.

Preservation, repair, etc.

For protection, preservation, and repair of fortifications, including structures for torpedo defense, for which there may be no special

appropriation available, and for maintaining channels for access to torpedo wharves, at the following localities:

- Hawaiian Islands, \$12,500;
- Philippine Islands, \$35,000.

For the purchase and installation of searchlights for the defenses of most important harbors in the Philippine Islands, \$33,000.

For maintenance and repair of searchlights and electric light and power equipment for seacoast fortifications and for tools, electrical and other supplies, and appliances to be used in the operation at the following localities:

- Hawaiian Islands, \$5,000.
- Philippine Islands, \$25,000.

For the installation and replacement of electric light and power plants at the defenses of the Hawaiian Islands, \$20,000.

For the construction of mining casemates, cable galleries, torpedo storehouses, cable tanks, and other structures necessary for the operation, preservation, and care of submarine mines and their accessories, and for providing channels for access to torpedo wharves at the defenses of the Philippine Islands, \$140,000.

For reserve engineer equipment in the Hawaiian Islands, \$3,250.

UNDER THE CHIEF SIGNAL OFFICER.

For operation and maintenance of fire-control installations at seacoast defenses, \$25,000.

ORDNANCE DEPARTMENT.

For purchase, manufacture, and test of ammunition for seacoast cannon, including the necessary experiments in connection therewith, and the machinery necessary for its manufacture, \$1,000,000.

For alteration and maintenance of the seacoast artillery, including the purchase and manufacture of machinery, tools, and materials necessary for the work, and expenses of the civilian mechanics, and extra-duty pay of enlisted men engaged thereon, \$125,000.

The sum of \$30,000 of the unexpended balance of appropriations heretofore made for "the maintenance of the submarine mine material in the insular possessions," shall be covered into the Treasury immediately upon the approval of this Act.

BARRACKS AND QUARTERS.

For construction of barracks and quarters for the seacoast artillery in the Hawaiian Islands, including water and sewer systems, and so forth, \$225,000: *Provided*, That no part of this sum shall be expended for the construction of officers' quarters to cost in excess of the limits established by the sundry civil appropriation Act approved June 25, 1910.

PANAMA CANAL FORTIFICATIONS.

For fortifications and armament thereof for the Panama Canal:
For maintenance of clearings and trails, \$30,000;

For protection, preservation, and repair of fortifications, including structures erected for torpedo defense, and for maintaining channels for access to torpedo wharves, \$25,000;

For maintenance and repair of searchlights and electric light and power equipment for fortifications, and for tools, electrical and other supplies, and appliances to be used in their operation, \$20,000;

For the construction of seacoast batteries, \$135,500;

For the purchase and installation of electric light and power plants for the seacoast fortifications on the Canal Zone, \$20,000;

Hawaiian Islands.
Philippine Islands.
Searchlights, Philippine Islands.
Electric plants, etc.
Hawaiian Islands.
Philippine Islands.
Installing electric plants, Hawaiian Islands.
Torpedo structures, etc., Philippine Islands.

Equipment, Hawaiian Islands.
Signal Service.

Fire-control installations.

Ordnance Department.
Ammunition for seacoast cannon.

Altering, etc., seacoast artillery.

Mine supplies.
Balances covered in. *Ante*, pp. 201, 819.

Barracks and quarters.

Seacoast artillery, Hawaiian Islands.

Proviso, Officers' quarters. Vol. 36, p. 721.

Panama Canal.

Fortifications.
Clearings and trails.
Preservation, repair, etc.

Electric plants.

Seacoast batteries.
Installing electric plants.

Land defenses.	For land defenses, Panama Canal, including the procurement and installation of searchlights, purchase of armored cars and locomotives, construction of roads and surveys incidental thereto, \$14,000;
Reserve equipment.	For reserve engineer equipment for the Panama Canal, \$7,500;
Fire-control stations.	For operation and maintenance of fire-control installations at seacoast defenses, \$10,000;
Altering, etc., sea-coast artillery.	For the alteration and maintenance of the seacoast artillery, including the purchase and manufacture of machinery, tools, and materials necessary for the work, and expenses of civilian mechanics, and extra-duty pay of enlisted men engaged thereon, \$100,000;
Mine supplies. Balance covered in. <i>Ante</i> , p. 201.	The sum of \$14,000 of the unexpended balance of appropriations heretofore made "for the alteration, maintenance, and repair of submarine mine matériel," for the Panama Canal shall be covered into the Treasury immediately upon the approval of this Act;
Infantry barracks.	For the construction of barracks, quarters, and other necessary buildings for the accommodation of two regiments of Infantry, including water and sewer systems, roads, walks, and so forth, \$3,986,849;
Fort Sherman. Barracks, etc.	For the construction of barracks, quarters, and other necessary buildings for Coast Artillery troops at Fort Sherman, including water and sewer systems, roads, walks, and so forth, \$140,000;
Officers' quarters, limited. Vol. 36, p. 721.	No part of the two foregoing appropriations shall be expended for the construction of officers' quarters to cost in excess of the limits established by the sundry civil appropriation Act, approved June 25, 1910;
Wharf.	For the construction of a new wharf at Fort Sherman, \$35,000;
Purchases from Army surplus stock.	The Governor of the Panama Canal, so far as the expenditure of appropriations contained in this Act may be under his direction, shall purchase needed materials, supplies, and equipment from available surplus stocks of the War Department;
	In all, specifically for fortifications and armament thereof for the Panama Canal, \$4,523,849.
Material, to be of American manufacture.	SEC. 2. That all material purchased under the provisions of this Act shall be of American manufacture, except in cases when, in the judgment of the Secretary of War, it is to the manifest interest of the United States to make purchases abroad, which material shall be admitted free of duty.
Limit on price for purchases.	SEC. 3. That except as expressly otherwise authorized herein no part of the sums appropriated by this Act shall be expended in the purchase from private manufacturers of any material at a price in excess of 25 per centum more than the cost of manufacturing such material by the Government, or, where such material is not or has not been manufactured by the Government, at a price in excess of 25 per centum more than the estimated cost of manufacture by the Government: <i>Provided</i> , That whenever in the opinion of the President the situation is such as to justify such action he may waive the limitations contained in this section.
<i>Proviso</i> . Waiver in emergen- cies.	
Arsenal operations not to be restricted.	SEC. 4. That expenditures for carrying out the provisions of this Act shall not be made in such manner as to prevent the operation of the Government arsenals at their most economical rate of production, except when a special exigency requires the operation of a portion of an arsenal's equipment at a different rate: <i>Provided</i> , That no part of the appropriations made in this Act shall be available for the salary or pay of any officer, manager, superintendent, foreman, or other person having charge of the work of any employee of the United States Government while making or causing to be made with a stop watch or other time-measuring device a time study of any job of any such employee between the starting and completion thereof, or of the movements of any such employee while engaged upon such work.
<i>Proviso</i> . No pay to officer using time-measuring devices on work of em- ployees.	

SEC. 5. That appropriations for fortifications and other works of defense, for the armament thereof, and for the procurement of heavy ordnance for trial and service, heretofore made in fortifications or sundry civil appropriation Acts shall not be available for obligation after June 30, 1920, and all unexpended balances of such appropriations which remain upon the books of the Treasury Department on June 30, 1921, shall be covered into the Treasury and carried to the surplus fund.

Prior appropriations not available after June 30, 1920.

Balances unexpended June 30, 1921, to be covered in.

SEC. 6. That estimates of appropriations for fortifications and other works of defense, for the armament thereof, and for the procurement of heavy ordnance for trial and service shall be submitted to Congress in the Book of Estimates for the fiscal year 1921 and each fiscal year thereafter upon an annual basis. And section 5 of the legislative, executive, and judicial appropriation Act approved June 20, 1874, and section 7 of the sundry civil appropriation Act approved August 24, 1912, so far as they except appropriations for "fortifications" from the operations thereof, are repealed.

Estimates hereafter to be on annual basis.

Former exception repealed. Vol. 18, p. 110. Vol. 37, p. 487.

SEC. 7. That the portion of the fortifications appropriation Act approved July 6, 1916, which reads:

Radiodynamic torpedo control.

"For procurement and installation of one radiodynamic torpedo unit, \$417,000: *Provided*, That no part of said sum shall be so expended unless the United States shall first acquire as heretofore provided the rights of the said John Hays Hammond, junior, and the Radio Engineering Company of New York," is amended so as to read as follows:

Former provision. Vol. 39, p. 347, amended.

"For demonstrating the control of torpedoes or underwater carriers of high explosives by radiodynamic or radiosonic energy, and for designing, developing, producing, and installing one radiodynamic or radiosonic torpedo unit, \$417,000, to be expended under the direction of the Secretary of War: *Provided*, That all material acquired by the United States for said purpose, and all products manufactured or adapted therefrom, including said unit when completed, shall be and remain the property of the United States: *Provided further*, That no part of said sum shall be expended until the United States shall first receive from John Hays Hammond, junior, and from the Radio Engineering Company of New York, Incorporated, an unconditional license to use without cost said unit and all repairs and replacements thereof, in the event that the United States shall not acquire as heretofore provided the exclusive rights of said John Hays Hammond, junior, and of said Radio Engineering Company: *Provided further*, That the services of John Hays Hammond, junior, rendered in connection with said demonstration, shall be free of charge."

Appropriation for developing, etc., one unit.

Provisos. All material, etc., to remain United States property.

Unconditional license to use unit, if exclusive rights not acquired.

Services free of charge.

SEC. 8. That no part of the moneys appropriated in each or any section of this Act shall be used or expended for the purchase or acquirement of any article or articles that at the time of the proposed acquirement can be manufactured or produced in each or any of the Government arsenals of the United States for a sum less than it can be purchased or procured otherwise.

Restriction on purchases at other than arsenals.

Approved, March 3, 1919.

CHAP. 100.—An Act To amend the Liberty Bond Acts and the War Finance Corporation Act, and for other purposes.

March 3, 1919.
[H. R. 16136.]

[Public, No. 328.]

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Second Liberty Bond Act is hereby amended by adding thereto a new section to read as follows:

Victory Liberty Loan Act.

"SEC. 18. (a) That in addition to the bonds and certificates of indebtedness and war-savings certificates authorized by this Act

Treasury notes authorized in addition to previous bonds, etc.