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such arsenal by the Secretary of War, and not less than fifty acres, is conveyed in fee to the United States: *And provided further*, That exclusive jurisdiction over said land by the United States Government is ceded by the State of Tennessee.

Jurisdiction.

Approved, May 1, 1888.

May 1, 1888.

CHAP. 212.—An act making appropriations for the support of the Military Academy for the fiscal year ending June thirtieth, eighteen hundred and eighty-nine.

Military Academy appropriations.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and the same are hereby, appropriated, out of any money in the Treasury not otherwise appropriated, for the support of the Military Academy for the fiscal year ending June thirtieth, eighteen hundred and eighty-nine:

Pay of professors, instructors, etc.

For pay of eight professors, twenty-six thousand dollars.

For one commandant of cadets, (lieutenant colonel), in addition to pay of captain in the line, one thousand two hundred dollars.

For pay of one instructor of practical military engineering, in addition to pay as first lieutenant, nine hundred dollars.

For pay of one instructor of ordnance and science of gunnery, in addition to pay as first lieutenant, nine hundred dollars.

For pay of eight assistant professors, in addition to pay as first lieutenants, four thousand dollars.

For pay of three senior instructors of cavalry, artillery, and infantry tactics (captains), in addition to pay as second lieutenants, one thousand five hundred dollars.

For pay of four assistant instructors of cavalry, artillery, and infantry tactics (captains), in addition to pay as second lieutenants, two thousand four hundred dollars.

For pay of one adjutant, in addition to pay as second lieutenant, four hundred dollars: *Provided*, That the sum paid to said officer shall not exceed one thousand eight hundred dollars per annum.

For pay of one treasurer, quartermaster, and commissary of cadets, in addition to pay as captain of infantry, seven hundred dollars.

For pay of one master of the sword, one thousand five hundred dollars.

Cadets.

For pay of cadets, one hundred and sixty thousand dollars; and no cadet shall receive more than at the rate of five hundred and forty dollars a year.

For pay of the teacher of music, one thousand and eighty dollars.

Band.

For pay of the Military Academy band, nine thousand two hundred and forty dollars, which shall be in full for the pay of the said band for the year ending June thirtieth, eighteen hundred and eighty-nine, any law to the contrary notwithstanding.

Additional pay.

For additional pay of professors and officers (on increased rank) for length of services, ten thousand six hundred and ninety dollars.

Field musicians.

For pay of field musicians:

One sergeant, two hundred and four dollars;

Fourteen privates, two thousand one hundred and eighty-four dollars;

Additional pay for length of service, one hundred and forty-four dollars;

Retained pay on discharge, two hundred and sixteen dollars;

Clothing on discharge, two hundred and ten dollars and eighty-one cents; in all, two thousand nine hundred and fifty-eight dollars and eighty-one cents.

For current expenses as follows: Current expenses.

For repairs and improvements, timber, planks, boards, joists, wall-strips, laths, shingles, slate, tin, sheet-lead, zinc, nails, screws, locks, hinges, glass, paints, turpentine, oils, varnish, brushes, stone, brick, flag, lime, cement, plaster, hair, sewer and drain pipe, blasting-powder, fuse, iron, steel, tools, machinery, mantels, and other similar materials, renewing roofs, and for pay of overseer and master builder and citizen mechanics and labor employed upon repairs and improvements that can not be done by enlisted men, thirteen thousand dollars.

For fuel and apparatus, namely: Coal, wood, charcoal, stoves, grates, heaters, furnaces, ranges, and fixtures, firebricks, clay, sand, repairs of steam-heating apparatus, grates, stoves, heaters, ranges, and furnaces, mica, fifteen thousand dollars. Fuel, lights, etc.

For gas-pipes, fixtures, lamp-posts, gasometers, and retorts, and annual repairs of the same, nine hundred dollars.

For fuel for cadet's mess-hall, shops, and laundry, three thousand dollars.

For postage and telegrams, three hundred dollars. Postage.

For stationery, namely, blank-books, paper, envelopes, quills, steel pens, rubbers, erasers, pencils, mucilage, wax, wafers, folders, fasteners, rules, files, ink, inkstands, typewriters, pen-holders, tape, desk-knives, blotting-pads, and rubber bands, six hundred dollars. Stationery.

For transportation of materials, discharged cadets, and ferriages, one thousand seven hundred and fifty dollars. Transportation.

Printing: For printing and binding, type, materials for office, including motor, diplomas for graduates, annual registers, blanks, and monthly reports to parents of cadets, one thousand dollars. Printing.

For clerk to the disbursing officer and quartermaster, one thousand five hundred dollars. Clerks.

For clerk to adjutant in charge of cadet records, one thousand five hundred dollars.

For clerk to treasurer, one thousand five hundred dollars.

For department of natural and experimental philosophy: For additions to apparatus to illustrate the principles of mechanics, acoustics, optics, and astronomy, one thousand dollars; books of reference, text-books, stationery, materials, and repairs, four hundred dollars; for pay of mechanic assistant, one thousand dollars; repairs to the observatory building and clocks, four hundred and fifty dollars; constructing two collimating piers and their inclosures at the observatory, one thousand five hundred dollars; in all, four thousand three hundred and fifty dollars. Department of natural and experimental philosophy.

For department of modern languages: For stationery, text-books, books of reference for the use of instructors, and for printing examination papers, two hundred dollars; office furniture for section-rooms, including typewriter, one hundred and fifty dollars; in all, three hundred and fifty dollars. Department of modern languages.

For department of instruction in mathematics, namely: For repairs and materials for preservation of models and instruments, twenty-five dollars; text-books, books of reference, binding, and stationery for instructors, and binding, one hundred dollars; one table, one desk, one chair, seventy-five dollars; book cases, seventy-five dollars; rulers and triangles, one hundred dollars; tables of logarithms, seventy-five dollars; contingencies, fifty dollars; in all, five hundred dollars. Department of mathematics.

For department of chemistry, mineralogy, and geology: For chemicals, chemical apparatus, glass and porcelain ware, paper, wire, sheet-metal, ores, photographic apparatus and materials, five hundred dollars. Department of chemistry, mineralogy, and geology.

Rough specimens, fossils, files, alcohol, lamps, blow-pipes, pencils, and paper for practical instruction in mineralogy and geology, and

for gradual increase and improvement of the cabinet, five hundred dollars.

Repairs and additions to electric, magnetic, pneumatic, and thermic apparatus, and apparatus illustrating optical properties of substances, six hundred and fifty dollars.

Pay of mechanic employed in chemical and geological section-rooms and in lecture-rooms, one thousand dollars.

Models, maps, and diagrams, books of reference, text-books, and stationery for the use of instructors, one hundred and eighty dollars.

Contingencies, one hundred dollars; in all, two thousand nine hundred and thirty dollars.

Department of history, geography, and ethics.

For department of history, geography, and ethics: For text-books, books of reference, maps and map-racks, and stationery for use of instructors, and repairs, one hundred and fifty dollars.

Department of artillery, cavalry, and infantry tactics.

For department of artillery, cavalry, and infantry tactics, namely: For tan-bark or other proper cover for riding-hall, three hundred dollars;

Repairing camp-stools and camp-furniture, one hundred dollars;

Furniture for offices and reception-room for visitors, one hundred dollars;

For stationery for use of instructor and assistant instructors of tactics, one hundred and fifty dollars;

Books and maps, seventy-five dollars;

Supply of fixtures for gymnasium and repairs, two hundred dollars;

Foils, fencing-gloves, jackets, gaiters, and repairs, two hundred and fifty dollars;

Plumes for cadet officers of the first class, seventy-five dollars; in all, one thousand two hundred and fifty dollars.

Department of law.

For department of law: For stationery, text-books, and books of reference for use of instructors, and for repairing and rebinding same, and furniture for office, two hundred and fifty dollars.

Department of civil and military engineering.

For department of civil and military engineering: For models, maps, purchase and repairs of instruments, text-books, books of reference, and stationery for the use of instructors, and contingencies, five hundred dollars;

Extra pay of enlisted man employed as draughtsman, two hundred and fifty-six dollars;

In all, seven hundred and fifty-six dollars.

Department of ordnance and gunnery.

For department of ordnance and gunnery: Addition to models and apparatus and repairs of same; for the purchase of samples of arms and accoutrements other than those supplied to the military service; for improvement of machine for testing metals and purchase and preparation of specimens of same; for books of reference, text-books, and stationery for use of instructors, five hundred dollars;

For the construction of a bursting-chamber, in which to exhibit with safety the effect of explosives, three hundred dollars; in all, eight hundred dollars.

Department of practical military engineering.

For department of practical military engineering: For purchase and repair of instruments, transportation, purchase of tools, implements, and materials, and for extra-duty pay of engineer soldiers, as follows, namely: Astronomical and meteorological instruments and lights for use in instructing cadets in practical astronomy; reconnoitering instruments for use in their practical instruction in making reconnaissances; photographic apparatus and material for field photography; drawing instruments and material for plotting reconnaissances; surveying instruments; instruments and material for signaling and field telegraphy; transportation of field parties; tools and material for the preservation, augmentation, and repair of one wooden ponton, and one canvas ponton bridge train; sapping and mining tools and material; profiling material; rope; cordage; and materials for rafts and for spar and trestle bridges; intrenching tools; tools and material for the repair of Fort Clinton and the batteries at

the Academy, and extra-duty pay of engineer soldiers employed upon the same; extra-duty pay of two engineer soldiers at fifty cents per day each, when performing special skilled mechanical labor in the department of practical military engineering, for models, books of reference, and stationery, one thousand two hundred dollars.

Department of drawing.

For department of drawing: For books of reference, periodicals on art and technology, one hundred dollars;

Models of topographical, mechanical, and free-hand drawing, one hundred dollars;

New rules and triangles, thirty dollars;

Repairs to desks, models, racks, stools, stretchers, and tables, one hundred dollars;

Drawing material for use of instructors, card-board, tacks, brushes, sponges, glue, alcohol, transfer-paper, hectograph, cloth for screens, colored diagrams, cloth, stationery, and contingent expenses, two hundred dollars;

Binding periodicals and pamphlets, fifty dollars;

For photographic outfit and appliances, two hundred dollars; in all, seven hundred and eighty dollars.

Extra pay enlisted men.

Extra pay of two enlisted men, employed as clerks in the offices of the adjutant, United States Military Academy, and commandant of cadets, at thirty-five cents per day, two hundred and thirty-seven dollars and thirty cents.

Extra pay of two enlisted men as printers at headquarters, United States Military Academy, at fifty cents per day, three hundred and thirteen dollars.

Extra pay of one enlisted man, employed as watchman, at thirty-five cents per day, one hundred and twenty-seven dollars and seventy-five cents.

Extra pay of one enlisted man as trumpeter at the cadet barracks, at thirty-five cents per day, one hundred and twenty-seven dollars and seventy-five cents.

Extra pay of one enlisted man, employed in the philosophical department, Observatory, as mechanic, at fifty cents per day, one hundred and fifty-six dollars and fifty cents.

Extra pay of one enlisted man, employed in the chemical department, at fifty cents per day, one hundred and fifty-six dollars and fifty cents: *Provided*, That the extra pay provided for by the seven preceding paragraphs shall not be paid to any enlisted man who receives extra-duty pay under existing laws or Army regulations.

Proviso. Not to be additional.

Board of Visitors.

For expenses of the Board of Visitors, including mileage, three thousand dollars.

Miscellaneous expenses.

For miscellaneous and incidental expenses: For gas-coal, oil, candles, lanterns, matches, chimneys, and wicking for lighting the Academy, chapel, library, cadet barracks, mess-hall, shops, hospital, offices, stables, and riding-hall, sidewalks, camp, and wharves, three thousand five hundred dollars;

For water-pipes, plumbing, and repairs, two thousand dollars;

For cleaning public buildings (not quarters), six hundred dollars;

Brooms, brushes, pails, tubs, soap, and cloths, two hundred dollars;

Chalk, crayons, sponges, slate, rubbers, and card for recitation-rooms, three hundred dollars;

Compensation.

Compensation of chapel organist, two hundred dollars;

Compensation of librarian, one hundred and twenty dollars;

Pay of engineer of heating and ventilating apparatus for the academic building, the cadet barracks, and office building, cadet hospital, chapel, and philosophical building, including the library, one thousand two hundred dollars;

Pay of assistant engineer of same, one thousand dollars;

For pay of five firemen, two thousand seven hundred dollars;

For pay of librarians' assistant, one thousand dollars;

In all, twelve thousand eight hundred and twenty dollars.

Library. For increase and expense of library, namely: For periodicals, stationery, binding new books, and scientific, historical, biographical, and general literature, to be purchased in open market on the written order of the Superintendent, one thousand five hundred dollars.

For additional tables and chairs, furniture, and contingent repairs to library-rooms, two hundred dollars.

Furniture, hospital. For furniture for cadet hospital, and repairs of the same, one hundred dollars.

Contingencies, Superintendent. For contingencies for Superintendent of the Academy, one thousand dollars.

Furniture. For renewing furniture in section-rooms, and repairing the same, five hundred dollars.

Contingencies, academic board. For contingent funds to be expended under the direction of the academic board; for instruments, books, repairs to apparatus, and other incidental expenses not otherwise provided for, one thousand dollars: *Provided*, That all technical and scientific supplies for the departments of instruction of the Military Academy shall be purchased by contract or otherwise, as the Secretary of War may deem best.

Proviso.

Purchases.

Rent of hotel. Also, that all funds arising from the rent of the hotel on Academy grounds, and other incidental sources, from and after this date be, and are hereby, made a special contingent fund, to be expended under the supervision of the Superintendent of the Academy, and that he be required to account for the same annually, accompanied by proper vouchers to the Secretary of War.

PUBLIC WORKS.

Buildings and grounds. Repairs. For buildings and grounds: For repairing roads and paths, including roads and bridges on reservation, five hundred dollars.

Wall. For continuing construction of breast-high wall in dangerous places, five hundred dollars.

Wharf. For continuing the rebuilding of the north wharf, two thousand dollars.

Water-works. For water-works: Renewal of material in filter-beds; improving ventilation of filter-house and water-house; hose for use in cleaning filter-beds and water-house and for use in fire-service at same; tools, implements, and materials for use of the two keepers and for repairs of siphon-house, filter-house, and of four and one-half miles of supply-pipes; for shed for tools and storage of fuel for keeper at Round Pond, and for tool-house at filter; for gauges at Round Pond and Delafield Pond, and stairs for access to same, five hundred and twenty dollars.

Riding-hall. Riding-hall: Renewing knee-guard, four hundred and fifty dollars and twenty cents.

Coal-sheds, etc. Erection of coal-sheds, lifting apparatus, tramway, and car for storage of coal, six thousand one hundred and fifty dollars.

Laundry Additions to cadet laundry, machinery for cadet laundry, and ironing machines for cadet laundry, five thousand dollars.

Mess building. Repointing cadet mess building, including area-walls, repairing and strengthening stone steps, and pointing water-closet building, six hundred and fifty dollars.

For enlargement of pantry, cadet mess building, with the necessary piping, sinks, and so forth, one thousand two hundred dollars.

Approved, May 1, 1888.