

P 4.69 :3

3075

ONION CELLAR

67/14
C

Operations
Engineering

Minidoka Project
Hunt, Idaho

Dillon S. Myer, Director
War Relocation Authority
Barr Building
Washington, 25, D. C.

Dear Mr. Myer:

Attached we are submitting a WPA-617 requesting permission to construct an onion storage cellar on the center. Details on the center cellar have been worked out in connection with the Agricultural Section to fit their requirements.

As this is a large onion producing area, a thorough survey has been made of existing structures and recommendations of experienced raisers have been taken into consideration in designing a cellar of this type. The design being submitted is a result of this survey and has been determined to be the most economical structure we can build. It will require a minimum expense for up-keep.

Loose shelving for onion storage was termed both cumbersome and expensive by all the growers whom we contacted and for that reason, we determined that hinge shelving would suit our purpose much better, yet requiring no more material. A small amount of loose shelving would be used for the portion of the driveway which will be built up with temporary posts and shelving.

Yours very truly,

H. L. Stafford
Project Director

Enclosure

LATHORSON/ak
April 18, 1944

Serial # 128768

WAR RELOCATION AUTHORITY
Minidoka Project
Hunt, Idaho

ONION STORAGE CELLAR

WPB-617
Formerly PD-200
Section I
Question No.

- AA. 1. An onion storage cellar is planned for the Minidoka Relocation Center.
- The onions are produced on the farm which is in operation adjacent to the center. An annual yield of approximately ²⁸⁰~~400~~ tons of onions is anticipated, ^{These will have to be stored} which is enough to supply ^{same}~~three~~ other centers besides Minidoka. ¹ Onions raising is very successful in this territory and ample storage space for the average yearly crop has been planned in accordance with information obtained from private onion growers of long experience in this locality. Although their cellars and warehouses are of a much more elaborate and permanent nature, plans for this project have been drawn to meet demands for onion storage and preservation sufficient to take care of the crop for several years to come.
2. a. The War Relocation Authority was established by the Executive Office of the President of the United States under Executive Order No. 9066, dated February 19, 1942, for the removal from designated areas of persons whose removal was necessary in the interest of national security. SEE exhibit C.
- b. This project should not be deferred for the duration of the war, because the food produced, as a direct result of the successful farm operation in connection with the center, greatly assists in feeding the residents of the center, at a considerable saving over buying on the open market.
- B. No other application for this project has been made.
- C. 1. This is a new independent project.
2. All possible means have been taken into consideration in planning this project to eliminate restricted materials wherever possible. Storage

at this center as the climate condition of other centers prevent storage for any length of time before over-maturation.

bins, however, will have to be built with restricted material together with vents, louvers and doors. This application requests permission to use framing and sheeting lumber where necessary

a. See Exhibit A.

b. The framing will be of pole, straw and earth construction. Wire mesh is placed over the pole rafters to carry the straw. 13,300 square feet of wire mesh is required. Of this amount, 10,560 square feet is on hand, ^{leaving} ~~having only~~ 2740 square feet to be purchased.

The storage bins will be built of rough lumber. Each bay of approximately 12' x 13' is divided in three layers with four 6' x 6' hinged slatted floors in each layer, for the purpose of having the racks in place at all times, instead of ~~storing and handling this material~~ ^{shelving} during loading and unloading of onions. Experience has proven that much of this material will be

wrecked if not placed stationary and constant replacements have to be made. Ample ventilation is required, and provision ^{for this} ~~there~~ has been

~~Satisfactory onion storage is dependent on~~ made. ~~In storing onions an almost constant air circulation is required,~~ ^{which is} to remove moisture ^{and} produced by the onions ^{which} causes rot and ^{quick spoilage} ~~easy spoiling~~ of the product. Five ventilation fans are to be installed in the ridge vents to assure ^{this constant} ~~a steady~~ air circulation, with fresh air drawn in through ~~proper~~ provided side intake vents, ^{in the plans}. See detail Exhibit A.

C. Cellar type, pole and earth framing.

- D.
1. A waiver is requested for permission to use framing and sheeting lumber.
 2. 10,720 board feet 2" x 4" - ~~framing~~ lumber.
 3. 17,936 board feet 1" sheeting ~~lumber~~.
 3. This material will be used to build ventilators, doors and storage bins.
 4. No substitutes can be used for doors and ventilators as these will have to be constructed to be weather-proof. Storage bins will be built of 2" x 4" framing with 1" slats spaced for ventilation, necessary for the preservation of the stored product. This material has been figured to a minimum in dimensions, but strong enough to take care of stored weight.

FORM **WPB-617**
FORMERLY **PD-200**
(1-29-44)

UNITED STATES OF AMERICA
WAR PRODUCTION BOARD

APPLICATION FOR AUTHORITY TO
ACQUIRE OR CONSTRUCT FACILITIES

FORM APPROVED

BUDGET BUREAU NO. 12-R276.3

SERIAL NO.

DATE PROJECT
AUTHORIZATION ISSUED

EXPIRATION DATE OF
AUTHORIZATION

INCLUDING:

- ☒ AUTHORITY TO BEGIN CONSTRUCTION UNDER L-41
☒ PRIORITIES ASSISTANCE OR CONTROLLED MATERIALS

1. TAX AMORTIZATION PRIVILEGES ARE REQUESTED ☐ YES ☒ NO.

2. ☐ AMENDMENT TO PREVIOUS AUTHORIZATION. GIVE: SERIAL NO. _____,
AND DATE OF ISSUANCE _____.

PRIMARY DIVISION OR AGENCY

SPONSORING AGENCY (If Any)

NAME AND
ADDRESS
OF
APPLICANT
(Street,
City,
Zone,
State)

WAR RELOCATION AUTHORITY
BARR BUILDING 910-17TH STREET
WASHINGTON D.C.

SPACE ABOVE FOR WPB USE ONLY

LOCATION OF PROJECT

WAR RELOCATION AUTHORITY
HUNT JEROME COUNTY
INDIANA

INSTRUCTIONS - Submit number of copies as indicated on Instruction Sheet. READ INSTRUCTIONS CAREFULLY BEFORE FILLING OUT FORM.

SECTION I - TO BE COMPLETED FOR ALL PROJECTS - (For projects costing less than \$25,000, excluding cost of land, and requiring no equipment, complete this section only.)

A. DESCRIBE THE PRINCIPAL SERVICES TO BE RENDERED OR PRODUCT TO BE MANUFACTURED OR PRODUCED; INCLUDE THE FOLLOWING:

(1) BRIEF DESCRIPTION OF THE MANUFACTURING PROCESS INVOLVED OR SERVICES TO BE RENDERED.

(a) IF MANUFACTURING, AND THE PROCESS IS NEW OR EXPERIMENTAL, EXPLAIN IN DETAIL.

(b) DESCRIBE THE TYPE OF EQUIPMENT TO BE INCORPORATED IN THE PROJECT. JUSTIFY HERE THE NEED FOR THE EQUIPMENT LISTED IN SECTION III.

(2) EXPLAIN IN DETAIL THE IMMEDIATE NEED FOR THE PRODUCT OR SERVICE GIVING:

(a) THE RELATIONSHIP TO THE WAR EFFORT, ESSENTIAL CIVILIAN NEEDS, OR PUBLIC HEALTH AND SAFETY.

(b) SPECIFIC REASONS WHY THE PROJECT CANNOT BE DEFERRED FOR THE DURATION OF THE WAR.

B. HAVE YOU MADE ANY OTHER APPLICATION OR PROPOSAL RELATED TO THIS PROJECT OR ANY PART THEREOF? IF SO, STATE:

(1) AGENCY AND ADDRESS TO WHICH APPLICATION OR PROPOSAL WAS SUBMITTED AND DATE.

(2) ACTION TAKEN AND DATE.

C. DESCRIBE THE PROPOSED PROJECT IN DETAIL, GIVING THE FOLLOWING INFORMATION:

(1) WHETHER IT IS A NEW INDEPENDENT PROJECT OR AN ALTERATION OR ADDITION TO AN EXISTING STRUCTURE OR INSTALLATION.

(2) A CLEAR CONCISE DESCRIPTION OF THE CONSTRUCTION INVOLVED INCLUDING: (Submit general plans if available or show by sketches, plan and section. Indicate dimensions.)

(a) GENERAL LAYOUT (Project limits and relation of structures.)

(b) DESCRIPTION OF STRUCTURES, INSTALLATIONS OR OTHER CONSTRUCTION.

(c) TYPE OF CONSTRUCTION (Masonry, reinforced concrete, steel, timber, etc.)

D. IF FOR SPECIAL REASONS ANY WAIVER IS REQUIRED OF THE LIMITATIONS OF THE USE OF MATERIALS AND BUILDING SERVICE EQUIPMENT SHOWN IN THE "CONSTRUCTION LIMITATIONS", WHICH ARE PART OF THE INSTRUCTIONS FOR THIS FORM, SHOW:

(1) MATERIAL OR BUILDING SERVICE EQUIPMENT FOR WHICH WAIVER IS REQUIRED.

(2) QUANTITIES REQUIRED.

(3) USE TO WHICH THE MATERIAL OR EQUIPMENT WILL BE PUT.

(4) SUFFICIENT REASON TO ESTABLISH THE NECESSITY FOR THE REQUIRED USE IN VIEW OF THE SHORTAGE OF SUCH MATERIALS AND EQUIPMENT.

E. WILL PUBLIC UTILITY SYSTEMS BE REQUIRED TO CONSTRUCT ANY UTILITY SERVICE EXTENSIONS OR OTHER FACILITIES TO SERVICE THIS PROJECT? IF ANSWER IS "YES", SEE INSTRUCTIONS UNDER "SUPPORTING PAPERS TO BE FILED".

ELECTRIC POWER ☐ YES
☒ NO

WATER ☐ YES
☒ NO

GAS ☐ YES
☒ NO

SEWER ☐ YES
☒ NO

F. ESTIMATED COST (Do not include cost of existing facilities)

COST	FEDERAL FUNDS (a)	OTHER FUNDS (b)	TOTAL (c)
TOTAL COST \$8475.00	\$8475.00 \$8595.00		\$8595.00
COST EXCLUDING LAND			

G. PROPOSED SCHEDULE

NUMBER OF DAYS BETWEEN WPB AUTHORIZATION AND:		NUMBER OF DAYS REQUIRED FOR:	
START OF CONSTRUCTION (a)	INITIAL EQUIP. INSTALLATION (b)	ACTUAL CONSTRUCTION (c)	EQUIPMENT INSTALLATION (d)
upon approval -		180.	

SECTION II - TO BE COMPLETED FOR ALL PROJECTS COSTING \$25,000 OR MORE EXCLUDING COST OF LAND, AND FOR PROJECTS REQUIRING INDUSTRIAL OR MANUFACTURING EQUIPMENT. (Answer applicable questions.)

ITEM	FEDERAL FUNDS (a)	OTHER FUNDS (b)	TOTAL (c)
BUILDING AND OTHER CONSTRUCTION			
EQUIPMENT (<i>Total</i>)			
MACHINE TOOLS			
OTHER METAL WORKING			
FURNACES (<i>Processing</i>)			
OTHER MFG. OR PROCESSING			
POWER GENERATING			
OTHER EQUIPMENT			
OTHER COSTS (<i>Excluding Lend</i>)			

D. EXPLAIN IN DETAIL (Describe each effort made) WHY YOU CANNOT:

C (3) LEASE OR PURCHASE OF
UTILITY SERVICE

(a) ELECTRIC POWER DEMAND (K.W. of maximum demand)

(2) IF IT IS PROPOSED TO INSTALL, AS PART OF THIS PROJECT, NEW OR ADDITIONAL FACILITIES FOR POWER GENERATION, OR FOR WATER SUPPLY IN EXCESS OF 100,000 GALLONS PER DAY, DESCRIBE:

D. INDICATE APPROXIMATELY WHAT PERCENTAGE OF THE BUSINESS OF THIS PLANT TO WHICH THIS PROJECT DIRECTLY RELATES IS REPRESENTED BY PRIME CONTRACTS AND/OR SUBCONTRACTS WITH OR FOR THE AGENCIES LISTED:

AGENCY	WITH EXISTING FACILITIES ONLY (Percent) (a)	WITH NEW FACILITIES ONLY (Percent) (b)	COMBINED NEW AND EXISTING FACILITIES (Percent) (c)
PRIME CONTRACTS			
ARMY			
NAVY			
MARITIME COMMISSION			
AIRCRAFT RESOURCES CONTROL OFFICE			
SUBCONTRACTS (If Available)			
ARMY			
NAVY			
MARITIME COMMISSION			
AIRCRAFT RESOURCES CONTROL OFFICE			

E. PRODUCTION (If new facilities are to be used for the production of a product not heretofore manufactured, do not fill in Columns (c) and (d).)

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F. EMPLOYMENT (Show, for this plant location only, number of employees and number of work hours per week. If new facilities are to be used for the production of a product not heretofore manufactured, fill in only Columns (e) and (f). If for service facility only (as a cafeteria) fill in only Columns (e) and (f)).

SHIFT	WITH EXISTING FACILITIES				WITH NEW FACILITIES ONLY	
	TYPICAL WEEK DURING LAST CALENDAR QUARTER ENDING _____, 194__		PEAK EMPLOYMENT EXPECTED PER WEEK			
	EMPLOYEES (a)	LENGTH OF SHIFT (Usual hours per employee per week) (b)	EMPLOYEES (c)	LENGTH OF SHIFT (Usual hours per employee per week) (d)	ADDITIONAL EMPLOYEES REQUIRED (e)	LENGTH OF SHIFT (Usual hours per employee per week) (f)
FIRST						
SECOND						
THIRD						
TOTAL		XXXXXX		XXXXXX		XXXXXX
MALE		XXXXXX		XXXXXX		XXXXXX
FEMALE		XXXXXX		XXXXXX		XXXXXX

G. IF EXISTING FACILITIES ARE NOT OPERATING AT PEAK CAPACITY AS INDICATED IN COLUMN (c), OR IF ADDITIONAL FACILITIES WILL NOT BE OPERATED AT MAXIMUM CAPACITY (168 hour week). STATE REASONS.

SECTION III- MACHINERY AND EQUIPMENT- ENTER BELOW ALL EQUIPMENT REQUIRED FOR THE PROJECT, OF THE KIND DESCRIBED IN THE INSTRUCTIONS UNDER MACHINERY AND EQUIPMENT (*Read Instructions carefully*)

NAME OF ITEM (a)	MAKE AND MODEL NUMBER (b)	SIZE AND CAPACITY (c)	QUANTITY (d)	PURCHASE PRICE (e)	REQ. DELIVERY (No. of weeks after project authorization) (f)	FOR WPB USE ONLY (g)
Ventilating Fan	Westinghouse 16 FV3	115 Volts 1650 CFM	5	28.00 (each)	4	

IF ADDITIONAL SPACE IS REQUIRED ATTACH SHEETS USING SAME COLUMN HEADINGS

THE UNDERSIGNED HEREBY CERTIFIES THAT HE IS THE APPLICANT OR THAT HE IS AUTHORIZED TO EXECUTE THIS APPLICATION ON BEHALF OF THE APPLICANT AND THAT THE FACTS HEREIN SET FORTH, OR APPENDED, ARE TRUE AND CORRECT TO THE BEST OF HIS KNOWLEDGE AND BELIEF.

SECTION 35(A) OF THE UNITED STATES CRIMINAL CODE, 18 U.S.C. SEC. 80, MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

INSTRUCTIONS FOR FORM WPB-617 REVISED (FORMERLY PD-200)

Applications will not be accepted for consideration unless prepared in accordance with these instructions

GENERAL INSTRUCTIONS

Attach separate sheets same size as this form and list numerically the answers to applicable questions. Also add continuation sheets as necessary.

WPB-617 is the application form used for most projects. Other types of applications are used for housing (except farm houses, hotels, and the larger apartment houses which use the WPB-617). Other forms are also used for water, gas, steam heating, electric power, telephone and telegraph facilities for use by the public; for petroleum facilities; and for certain other specialized kinds of authorizations which are provided for under blanket orders of the WPB or by special authorization forms. *If tax amortization privileges are requested, the application for tax amortization should be filed simultaneously with the WPB-617 application.*

The applicant will prepare four copies of this form, retain one and file the original and two copies, with supporting papers, as directed in "Where to File". If the application is accompanied by request for tax amortization, the original and three copies of WPB-617 must be filed. The applicant must be the person who is, or is to be, the owner of the proposed project or his duly authorized representative. All copies of the application must be signed and dated by him or his duly authorized representative.

One application may be filed by operators of office or loft buildings, apartment houses, hotels, industrial plants, or other substantial buildings or projects to cover a period of not more than six (6) months for any number of routine miscellaneous construction jobs required in connection with the process or use for which a single building, structure, or project has been designed, provided no single job included therein costs \$10,000 or over. For additional information, see WPB-43 revised, available at all WPB Field Offices.

THE USE OF MATERIALS AND BUILDING SERVICE EQUIPMENT IS REGULATED BY THE CURRENT "CONSTRUCTION LIMITATIONS" (SEE WPB FIELD OFFICE FOR LATEST ISSUE) WHICH ARE PART OF THESE INSTRUCTIONS. THESE LIMITATIONS SHOULD BE STUDIED CAREFULLY BEFORE THE APPLICATION IS PREPARED. IF ANY RELIEF FROM THE RESTRICTIONS IS NECESSARY, THE FACTS MUST BE STATED AND THE REASON GIVEN IN THE WPB-617 APPLICATION (SECTION I, D). THE "CONSTRUCTION LIMITATIONS" WILL BE REFERRED TO IN, AND MADE A PART OF, THE AUTHORIZATIONS.

SUPPORTING PAPERS TO BE FILED

Be sure to submit the following papers with your application if applicable:

1. *Utility Certificates or Letters:* If it is necessary that a Utility System (gas, water, electric power, or sewer) construct new or additional facilities in order to service this project, there must be attached to this form; for gas, water or electric power (WPB-3348 or WPB-2774) or for sewers (WPB-3445 or WPB-2814.3), prepared by the Utility Systems in accordance with instructions appearing thereon.

2. *Tax amortization:* If tax amortization privileges are requested, attach to this application, Form WPB-3467, formerly TAS-21 (Application for Necessity

Certificate). It will not be considered unless filed with the priority application form.

3. All WPB-617 applications of the following types shall be accompanied by the indicated form with all applicable questions answered:

Type	Form required
(a) Hospital projects-----	WPB-2814.1
(b) School projects-----	WPB-2814.2
(c) Sewer projects-----	WPB-2814.3

4. *Equipment forms.* Certain equipment of the kind shown in Appendix A of the Construction Limitations, requires special authorization. If such equipment is required, it is desirable that application for such authorization, made on the applicable WPB form shown opposite the item on the equipment list, be filed together with Form WPB-617. *Consult your local WPB Field Office regarding amendments to governing orders shown which may have, since the printing of this Instruction Sheet, eliminated the need for filing a special form.*

NOTE: Any equipment of the kind described in these instructions under Machinery and Equipment, required for the project, must be listed in Section III on Form WPB-617 and all information required must be given.

How To Fill Out Form WPB-617

Check proper square or squares in heading to indicate type of application.

Applications under \$25,000, excluding cost of land

Answer all questions in Section I. List under Section III any items required, described in these instructions under Machinery and Equipment. Answer questions in Section II, only if manufacturing or processing equipment is required.

Applications \$25,000 or over, excluding cost of land

Answer all questions in Section I and applicable questions in Section II. List under Section III any items required, described in these instructions under machinery and equipment.

Section II—E. Production: (If production is seasonal, give annual instead of quarterly production and explain.)

*Column (a)—*List only those products to be produced by the facility covered by this application.

*Column (b)—*Enter the unit customarily used. Do not report manhours, machine hours, or percentage of increase.

*Column (c)—*Enter total quantity you intend to produce per quarter with combined existing and additional facilities.

*Column (f)—*Enter total quantity that could be produced operating combined existing and additional facilities at maximum capacity (168 hour week).

F. Employment: Include only all skilled and unskilled piece and time workers in production and related departments, such as maintenance, shipping, warehousing, power plant, etc., including working foreman and gang or straw bosses, but not those whose work is primarily supervisory.

*Columns (c), (e), and (g)—*Enter assigned weekly hours of work applicable to the largest part of this force.

*Column (d)—*Show estimated peak employment with existing facilities.

*Column (f)—*Show the additional number of workers (as defined above) to be employed by the new facilities, i. e., the net increase over and above the number shown in Column (d). If the project is not an addition to existing

facilities, show expected peak employment per week.

Section III—Equipment: Add continuation sheets if necessary.

*Column (a)—*Enter name of item of equipment as shown on the list of this instruction.

*Column (b)—*Give make and model number if possible.

*Column (e)—*Do not include installation costs. If item is on hand, omit price and insert the letters "O. H." If used equipment is to be purchased give price and add (U).

WHERE TO FILE APPLICATIONS

a. *Projects financed with Federal Funds:* In case of all projects financed by the War Department, the Navy Department, or the Maritime Commission, or financed by the Defense Plant Corporation with the sponsorship of one of those agencies, the applicant should check with the particular services involved to determine where to file.

b. *All applications involving facilities costing \$25,000 or more:* File with WPB, Washington, D. C.

c. *Applications accompanied by request for Certificates of Necessity (Tax Amortization) regardless of Cost:* File with WPB, Washington, D. C.

d. *Applications involving facilities costing less than \$25,000, and not accompanied by requests for Certificate of Necessity (Tax Amortization):* File with WPB Field Office nearest the site, unless otherwise directed.

PROCEDURES TO FOLLOW TO OBTAIN AMENDMENT TO AUTHORIZATIONS TO BEGIN CONSTRUCTION

(File where original application was filed.)

SUBMIT A LETTER (in duplicate) for the following: (Give serial number and date of issuance.)

1. Higher ratings. Give purchase order number, description of item, name and address of supplier, his promised delivery date with present rating, and required delivery date.

2. A request for permission to waive certain restrictions placed upon him in previous authorizations, explaining in detail why it is necessary.

3. Time extension. Explain fully why time extension is needed.

FOR ADDITIONAL STRUCTURES, MACHINERY OR EQUIPMENT, file WPB-617 and indicate in block 2 of the heading that an amendment is requested. Give serial number and date of issuance of original authorization. Answer all applicable questions, confining answers to additional facilities only.

MACHINERY AND EQUIPMENT LIST FOR FORM WPB-617 REVISED

List in Section III of Form WPB-617 all equipment required for the project in the following categories:

1. Manufacturing, processing, or service equipment, such as, but not limited to, food and dairy processing equipment; textile, fiber, leather, and clothing machinery; rolling mill machinery; power generating equipment; printing and publishing machinery; hospital equipment, etc. (Not including building service equipment except as specifically required under 2. below.)

2. Any machinery or equipment requiring special authorization. A partial list of such equipment is contained in Appendix A of the Construction Limitations.

CONSTRUCTION LIMITATIONS

The "Construction Limitations", which are printed separately, are part of these instructions and the latest edition should be consulted before completing this application.

UNION STORAGE CELLAR

FORM **WPB-617**
FORMERLY **PD-200**
(1-29-44)

UNITED STATES OF AMERICA
WAR PRODUCTION BOARD

FORM APPROVED
BUDGET BUREAU NO. 12-R276.3

APPLICATION FOR AUTHORITY TO ACQUIRE OR CONSTRUCT FACILITIES

INCLUDING: ☒ AUTHORITY TO BEGIN CONSTRUCTION UNDER L-41
☒ PRIORITIES ASSISTANCE OR CONTROLLED MATERIALS

1. TAX AMORTIZATION PRIVILEGES ARE REQUESTED ☐ YES ☒ NO.
2. ☐ AMENDMENT TO PREVIOUS AUTHORIZATION. GIVE: SERIAL NO. _____,
AND DATE OF ISSUANCE _____.

NAME AND
ADDRESS
OF
APPLICANT
(Street,
City,
Zone,
State)

War Relocation Authority
Barr Building
910 - 17th Street
Washington, D. C.

SERIAL NO.

DATE PROJECT
AUTHORIZATION ISSUED

EXPIRATION DATE OF
AUTHORIZATION

PRIMARY DIVISION OR AGENCY

SPONSORING AGENCY (If Any)

SPACE ABOVE FOR WPB USE ONLY

LOCATION OF PROJECT

War Relocation Authority
Hunt, Jerome County, Idaho

INSTRUCTIONS - Submit number of copies as indicated on Instruction Sheet. READ INSTRUCTIONS CAREFULLY BEFORE FILLING OUT FORM.

SECTION I - TO BE COMPLETED FOR ALL PROJECTS - (For projects costing less than \$25,000, excluding cost of land, and requiring no equipment, complete this section only.)

A. DESCRIBE THE PRINCIPAL SERVICES TO BE RENDERED OR PRODUCT TO BE MANUFACTURED OR PRODUCED; INCLUDE THE FOLLOWING:

- (1) BRIEF DESCRIPTION OF THE MANUFACTURING PROCESS INVOLVED OR SERVICES TO BE RENDERED.
(a) IF MANUFACTURING, AND THE PROCESS IS NEW OR EXPERIMENTAL, EXPLAIN IN DETAIL.
(b) DESCRIBE THE TYPE OF EQUIPMENT TO BE INCORPORATED IN THE PROJECT. JUSTIFY HERE THE NEED FOR THE EQUIPMENT LISTED IN SECTION III.
(2) EXPLAIN IN DETAIL THE IMMEDIATE NEED FOR THE PRODUCT OR SERVICE GIVING:
(a) THE RELATIONSHIP TO THE WAR EFFORT, ESSENTIAL CIVILIAN NEEDS, OR PUBLIC HEALTH AND SAFETY.
(b) SPECIFIC REASONS WHY THE PROJECT CANNOT BE DEFERRED FOR THE DURATION OF THE WAR.

B. HAVE YOU MADE ANY OTHER APPLICATION OR PROPOSAL RELATED TO THIS PROJECT OR ANY PART THEREOF? IF SO, STATE:

- (1) AGENCY AND ADDRESS TO WHICH APPLICATION OR PROPOSAL WAS SUBMITTED AND DATE.
(2) ACTION TAKEN AND DATE.

C. DESCRIBE THE PROPOSED PROJECT IN DETAIL, GIVING THE FOLLOWING INFORMATION:

- (1) WHETHER IT IS A NEW INDEPENDENT PROJECT OR AN ALTERATION OR ADDITION TO AN EXISTING STRUCTURE OR INSTALLATION.
(2) A CLEAR CONCISE DESCRIPTION OF THE CONSTRUCTION INVOLVED INCLUDING: (Submit general plans if available or show by sketches, plan and section. Indicate dimensions.)
(a) GENERAL LAYOUT (Project limits and relation of structures.)
(b) DESCRIPTION OF STRUCTURES, INSTALLATIONS OR OTHER CONSTRUCTION.
(c) TYPE OF CONSTRUCTION (Masonry, reinforced concrete, steel, timber, etc.)

D. IF FOR SPECIAL REASONS ANY WAIVER IS REQUIRED OF THE LIMITATIONS OF THE USE OF MATERIALS AND BUILDING SERVICE EQUIPMENT SHOWN IN THE "CONSTRUCTION LIMITATIONS", WHICH ARE PART OF THE INSTRUCTIONS FOR THIS FORM, SHOW:

- (1) MATERIAL OR BUILDING SERVICE EQUIPMENT FOR WHICH WAIVER IS REQUIRED.
(2) QUANTITIES REQUIRED.
(3) USE TO WHICH THE MATERIAL OR EQUIPMENT WILL BE PUT.
(4) SUFFICIENT REASON TO ESTABLISH THE NECESSITY FOR THE REQUIRED USE IN VIEW OF THE SHORTAGE OF SUCH MATERIALS AND EQUIPMENT.

E. WILL PUBLIC UTILITY SYSTEMS BE REQUIRED TO CONSTRUCT ANY UTILITY SERVICE EXTENSIONS OR OTHER FACILITIES TO SERVICE THIS PROJECT? IF ANSWER IS "YES", SEE INSTRUCTIONS UNDER "SUPPORTING PAPERS TO BE FILED".

ELECTRIC POWER ☐ YES
☒ NO

WATER ☐ YES
☒ NO

GAS ☐ YES
☒ NO

SEWER ☐ YES
☒ NO

F. ESTIMATED COST (Do not include cost of existing facilities)

COST	FEDERAL FUNDS (a)	OTHER FUNDS (b)	TOTAL (c)
TOTAL COST	\$8595.00		\$8595.00
COST EXCLUDING LAND			

G. PROPOSED SCHEDULE

NUMBER OF DAYS BETWEEN WPB AUTHORIZATION AND:		NUMBER OF DAYS REQUIRED FOR:	
START OF CONSTRUCTION (a)	INITIAL EQUIP. INSTALLATION (b)	ACTUAL CONSTRUCTION (c)	EQUIPMENT INSTALLATION (d)
Upon Approval		180	

INSTRUCTIONS FOR FORM WPB-617 REVISED (FORMERLY PD-200)

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One application may be filed by operators of office or loft buildings, apartment houses, hotels, industrial plants, or other substantial buildings or projects to cover a period of not more than six (6) months for any number of routine miscellaneous construction jobs required in connection with the process or use for which a single building, structure, or project has been designed, provided no single job included therein costs \$10,000 or over. For additional information, see WPB-43 revised, available at all WPB Field Offices.

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SUPPORTING PAPERS TO BE FILED

Be sure to submit the following papers with your application if applicable:

1. *Utility Certificates or Letters:* If it is necessary that a Utility System (gas, water, electric power, or sewer) construct new or additional facilities in order to service this project, there must be attached to this form; for gas, water or electric power (WPB-3348 or WPB-2774) or for sewers (WPB-3445 or WPB-2814.3), prepared by the Utility Systems in accordance with instructions appearing thereon.

2. *Tax amortization:* If tax amortization privileges are requested, attach to this application, Form WPB-3467, formerly TAS-21 (Application for Necessity

Certificate). It will not be considered unless filed with the priority application form.

3. All WPB-617 applications of the following types shall be accompanied by the indicated form with all applicable questions answered:

Type	Form required
(a) Hospital projects.....	WPB-2814.1
(b) School projects.....	WPB-2814.2
(c) Sewer projects.....	WPB-2814.3

4. *Equipment forms.* Certain equipment of the kind shown in Appendix A of the Construction Limitations, requires special authorization. If such equipment is required, it is desirable that application for such authorization, made on the applicable WPB form shown opposite the item on the equipment list, be filed together with Form WPB-617. Consult your local WPB Field Office regarding amendments to governing orders shown which may have, since the printing of this Instruction Sheet, eliminated the need for filing a special form.

NOTE: Any equipment of the kind described in these instructions under Machinery and Equipment, required for the project, must be listed in Section III on Form WPB-617 and all information required must be given.

HOW TO FILL OUT FORM WPB-617

Check proper square or squares in heading to indicate type of application.

Applications under \$25,000, excluding cost of land

Answer all questions in Section I. List under Section III any items required, described in these instructions under Machinery and Equipment. Answer questions in Section II, only if manufacturing or processing equipment is required.

Applications \$25,000 or over, excluding cost of land

Answer all questions in Section I and applicable questions in Section II. List under Section III any items required, described in these instructions under machinery and equipment.

Section II—E. Production: (If production is seasonal, give annual instead of quarterly production and explain.)

Column (a)—List only those products to be produced by the facility covered by this application.

Column (b)—Enter the unit customarily used. Do not report manhours, machine hours, or percentage of increase.

Column (c)—Enter total quantity you intend to produce per quarter with combined existing and additional facilities.

Column (f)—Enter total quantity that could be produced operating combined existing and additional facilities at maximum capacity (168 hour week).

F. Employment: Include only all skilled and unskilled piece and time workers in production and related departments, such as maintenance, shipping, warehousing, power plant, etc., including working foreman and gang or straw bosses, but not those whose work is primarily supervisory.

Columns (c), (e), and (g)—Enter assigned weekly hours of work applicable to the largest part of this force.

Column (d)—Show estimated peak employment with existing facilities.

Column (f)—Show the additional number of workers (as defined above) to be employed by the new facilities, i. e., the net increase over and above the number shown in Column (d). If the project is not an addition to existing

facilities, show expected peak employment per week.

Section III—Equipment: Add continuation sheets if necessary.

Column (a)—Enter name of item of equipment as shown on the list of this instruction.

Column (b)—Give make and model number if possible.

Column (c)—Do not include installation costs. If item is on hand, omit price and insert the letters "O. H." If used equipment is to be purchased give price and add (U).

WHERE TO FILE APPLICATIONS

a. *Projects financed with Federal Funds:* In case of all projects financed by the War Department, the Navy Department, or the Maritime Commission, or financed by the Defense Plant Corporation with the sponsorship of one of those agencies, the applicant should check with the particular services involved to determine where to file.

b. *All applications involving facilities costing \$25,000 or more:* File with WPB, Washington, D. C.

c. *Applications accompanied by request for Certificates of Necessity (Tax Amortization) regardless of Cost:* File with WPB, Washington, D. C.

d. *Applications involving facilities costing less than \$25,000, and not accompanied by requests for Certificate of Necessity (Tax Amortization):* File with WPB Field Office nearest the site, unless otherwise directed.

PROCEDURES TO FOLLOW TO OBTAIN AMENDMENT TO AUTHORIZATIONS TO BEGIN CONSTRUCTION

(File where original application was filed.)

SUBMIT A LETTER (in duplicate) for the following: (Give serial number and date of issuance.)

1. Higher ratings. Give purchase order number, description of item, name and address of supplier, his promised delivery date with present rating, and required delivery date.

2. A request for permission to waive certain restrictions placed upon him in previous authorizations, explaining in detail why it is necessary.

3. Time extension. Explain fully why time extension is needed.

FOR ADDITIONAL STRUCTURES, MACHINERY OR EQUIPMENT, file WPB-617 and indicate in block 2 of the heading that an amendment is requested. Give serial number and date of issuance of original authorization. Answer all applicable questions, confining answers to additional facilities only.

MACHINERY AND EQUIPMENT LIST FOR FORM WPB-617 REVISED

List in Section III of Form WPB-617 all equipment required for the project in the following categories:

1. Manufacturing, processing, or service equipment, such as, but not limited to, food and dairy processing equipment; textile, fiber, leather, and clothing machinery; rolling mill machinery; power generating equipment; printing and publishing machinery; hospital equipment, etc. (Not including building service equipment except as specifically required under 2. below.)

2. Any machinery or equipment requiring special authorization. A partial list of such equipment is contained in Appendix A of the Construction Limitations.

CONSTRUCTION LIMITATIONS

The "Construction Limitations", which are printed separately, are part of these instructions and the latest edition should be consulted before completing this application.

BILL OF MATERIAL FOR THE ONION CELLAR

ITEM USED FOR	SIZE	No	B.M.
✓ CELLAR POLES	12" DIAM. POLES 14' LONG	36 ✓	504 LINEAR FT.
✓ GIRDER	12" DIAM. POLES 12' LONG	34 ✓	408 LINEAR FT.
✓ GIRDER	6" DIAM. POLES 14' LONG	8 ✓	112 LINEAR FT.
✓ POSTS	8" DIAM. POLES 10' LONG	36 ✓	360 LINEAR FT.
✓ GIRDER	8" DIAM. POLES 12' LONG	34 ✓	408 LINEAR FT.
✓ RAFTER	8" DIAM. POLES 22' LONG	²⁰² 101 ✓	2,222 LINEAR FT.
✓ RAFTER	8" DIAM. POLES 14' LONG	²⁰² 402 ✓	5,628 LINEAR FT.
✓ CONCRETE	<u>RATIO</u>		
✓ FLOOR FOOTING	CEMENT 1 (Portland Cement)	72 Sacks ✓	
✓ FOOTING	SAND 3	9 Yds ✓	
✓ (27 cu yd.)	GRAVEL 5	14 Yds ✓	
✓ HAY SUPPORT	48-12 Gauge Wire - $2\frac{3}{8}$ " Diamond	13,300 Sft. ✓	
✓	Mesh - Chain Link fabric -		
✓ ENTRANCE	6" DIAM. POLES 22' LONG	100 ✓	2200 LINEAR FT.
✓ WALL	40d COMMON NAIL (5" LONG)	14 LB.	
✓ FOR POST	SPIKE 14" LONG	60 LB.	
✓ RAFTER AND TIES	SPIKE 10" LONG	166 LB.	

✓	Entrances - Sill	6"x6" S4S #2 Common D.F.	14'-0"	4 pcs.
✓	" Sills	2"x6" " #2 " D.F.	10'-0"	40 "
✓	" Knees	2"x6" " #1 " D.F.	14'-0"	12 "
✓	" Rafter	2"x4" " #1 " D.F.	10'-0"	16 "
✓	" Sheathing	1"x6" #3 Ship Lap -	R/L	1500 Bd. ft.
✓	" Roofing	58# Mineral Surface Split Sht. Reg.		5 Rolls.
✓	" Nails	7/8" Large Head		2 1/2 Lbs.
✓	" Asphalt	Roofing Asphalt		63 Lbs.
✓	" Larn	Mop Larn		1/2 Lb.
✓	Door -	1"x4" " C Grade D.F. Flooring	10'-0"	300 Bd. ft.
✓		1"x8" S4S #2 Common w.p.	10'-0"	16 Pcs.
✓		1"x10" " " " "	10'-0"	2 "
✓		1"x6" " " " "	10'-0"	4
✓		12" T-Hinge (Heavy)		12 Pcs.
✓		Safety Steel 3 1/2" Hinge Hasps		2 Ea.
✓		" " 4 1/2" " "		4 Ea.
✓	Slat Door.	1"x6" S4S #2 Common w.p.	10'-0"	36 Pcs.
✓		1"x6" " " " "	12'-0"	10 "
✓		2"x6" " " " D.F.	10'-0"	8 "
✓	Doors - (Vent)	1"x4" " C Grade D.F. Flooring	10'-0"	100 Bd. ft.
✓		4" T-Hinge (Heavy)		20 Pcs.
✓		Safety Steel 3 1/2" Hinge Hasps.		20 Ea.
✓		1"x4" S4S #2 Common w.p.	10'-0"	16 Pcs.
✓		2"x4" S4S #2 Common D.F.	8'-0"	12 "
✓		" " " " " "	10'-0"	42 "
✓		1"x6" #3 Ship Lap.	R/L	300 Bd. ft.
✓		58# Mineral Surface Split Sht. Reg.		4 Rolls
✓		7/8" Large Head R.C. Nails		2 Lbs.
✓		Roofing Asphalt		50 Lbs.

	Mop Yarn		1/2 lb.
✓ VENTS -	2"x4" S&S #2 Common D.P.	8'-0" ✓	30 per.
✓	" " " " D.P.	10'-0" ✓	8 "
✓	✓ 1"x4" " " " w.p.	12'-0"	12 "
✓	1"x6" #3 Common Ship Lap	R/L ✓	650 Bd ft.
✓	58# Mineral Surface Split Sht. R/P.		2 Rolls
✓	45# Roofing Felt		1 "
✓	7/8" Large Head Rf. Nails.		2 1/2 Cbs.
✓	Roofing Asphalt		25 Cbs.
✓ DECKING -	2"x4" S&S #2 Common D.P.	14'-0"	1000 per.
✓	1"x4" Rough	12'-0"	3500 per.
✓	6" Strap Hinge (heavy)		408 prs.
✓	1"x10" Rough	12'-0"	300 per.
✓ Nails (Decking)	10 d Common		400 Cbs.
✓	20 d Common		100 Cbs.
✓	12" Spikes		100 Cbs.
✓	10" Spikes		150 Cbs.
✓	3/8" DRIFT PINS - 14" long -		36 Ea.
✓	60d Common		20 Lbs.
✓	8d Common		100 Cbs.
✓	16d Common		100 Cbs.
✓ STRAW - ?	3200 BALES		
Felt ?			
FIBRE BOARD -	1650 - SQ. FT.		
Dowels -	3/4" x 12" long Steel Dowels		36 Ea.
Gyp. Board	3/8" Gypsum Board -		2400 Sq ft.
Bottle			

$$\begin{array}{r}
 6 \\
 48 \\
 38 \\
 \hline
 12 \overline{) 384} \\
 \underline{36} \\
 24
 \end{array}$$

$$\begin{array}{r}
 32 \overline{) 1000} \\
 \underline{1024} \\
 256 \\
 \underline{64} \\
 192
 \end{array}$$

Construction & Maintenance Section --		Project #		Estimated Total Cost		Date Submitted		Sheet # 1 of 2	
Item No.	Description	Quantity	Unit	Unit Labor	Cost Matr'l	Labor	Material	Total	Value Matr'l On Hand
1	POLES-12" DIM. 14'	504	L.F		0.30		151.20	151.20	
2	" 12" " 12'	408	"		0.30		122.40	122.40	
3	" 8" " 22'	2222	"		0.15		333.30	333.30	
4	" 8" " 14'	5628	"		0.15		844.20	844.20	
5	" 8" " 12'	408	"		0.15		61.20	61.20	
6	" 8" " 10'	360	"		0.15		54.00	54.00	
7	" 6" " 22'	2200	"		0.09		198.00	198.00	
8	" 6" " 14'	112	"		0.09		10.08	10.08	
9	2"x6" AND 2"x4" FRAMING LBR.	10.720	B.F		0.07		750.40	750.40	
10	1" SHEETING LBR.	17.936	"		0.07		1255.52	1255.52	
11	4" FLOORING C.G.R. D.F	400	"		0.07		28.00	28.00	
12	FIBRE BOARD. 1/2"	1650	SQ.FT		0.05		82.50	82.50	
13	CONCRETE.	18	CU.YD		7.00		126.00	126.00	
14	WIRE NAILS.	1200	LBS.		0.09		108.00	108.00	
15	WIRE MESH. CHAIN LINK								
	FABRIC. 48" 12 GA. 2 3/8 DIAMOND	13.300	SQ.FT		0.05		665.00	665.00	523.00

FOWARD 4789.80

WRA-307

UNION STORAGE CELLAR

WAR RELOCATION AUTHORITY

STRUCTURAL

Construction & Maintenance Section --		Project #		Estimated Total Cost		Date Submitted		Sheet # 2 of 2	
Item No.	Description	Quantity	Unit	Unit Labor	Cost Matr'l	Labor	Material	Total	Value Matr'l On Hand
								FORWARDED 4789.80	
16.	ROLL ROOFING.	12.	SQUARES.		2.00		24.00	24.00	
17.	ASHPHALT.	140	LBS.		0.01		1.40	1.40	1.40
18.	MOP. YARN.	1	"		0.61		0.61	0.61	0.61
19.	T. HINGES. 12" HEAVY.	12.	PAIR.		0.75		9.00	9.00	
20.	" 4" "	20	"		0.25		5.00	5.00	
21.	STRAP. HINGES. 6" "	408	"		0.40		163.20	163.20	
22.	DRIFT. PINS. 3/8" x 14"	36.	E.A.		0.10		3.60	3.60	
23.	HASP. SAFETY. 3 1/2"	22	"		0.20		4.40	4.40	
24.	" " 4 1/2"	4	"		0.25		1.00	1.00	
25.	STRAW. BAILED.	3300.	BALLS.		0.50		1650.00	1650.00	
	LABOR					1500.00		1500.00	
						1500.00	6652.01	8152.01	524.01

Construction & Maintenance Section -- PROJECT COST ESTIMATE SHEET

Date Submitted

Sheet # / of /

Item No.	Description	Quantity	Unit	Unit Cost		Labor	Material	Total	Value Matr'l On Hand
				Labor	Matr'l				
1	WIRE-W.P. #6- 1000 FT.	80	LBS		0.26		20.80	20.80	
2	" " #10- 2000 "	64	"		0.26		16.64	16.64	
3	" " #14	25	FT.		0.03		0.75	0.75	
4	" R.C. #8	25	"		0.05		1.25	1.25	1.25
5	LOOM- 7/32	25	"		0.03		0.75	0.75	0.75
6	3 SPOOL RACK	4	EA.		2.50		10.00	10.00	
7	INSULATORS- SPOOL BROWN	12	"		0.21		2.52	2.52	
8	SPLIT KNOBS- N° 5 1/2	200	"		0.03		6.00	6.00	
9	CHAIN-PULL RECEPTACLE	10	"		0.32		3.20	3.20	
10	LAMP- 100 WATT	10	"		0.16		1.60	1.60	1.60
11	SWITCH- SINGLE-THROW FUSEBLE	2	"		11.50		23.00	23.00	
12	VENTILATING- FAN	5	"		28.00		140.00	140.00	
13	MACHINE BOLTS- 5/8" x 12"	10	"		0.20		2.00	2.00	
14	POLES- 6" TOP- 30'	2	"		9.00		18.00	18.00	
15	CONDUIT- 3/4"	5	FT		0.15		0.75	0.75	0.75
16	COND. CONN: WATER TIGHT 3/4"	2	EA.		0.20		0.40	0.40	
17	SERVICE HEAD- 3/4"	1	"		0.41		0.41	0.41	

LABOR.

75.00

75.00

323.07

ONION STORAGE CELLAR

ESTIMATE COST

STRUCTURAL MATERIAL	6652.01
" LABOR	1500.00
ELECTRIC MATERIAL	248.07
" LABOR	75.00
TOTAL	<u>\$ 8475.08</u>

Gypsum Board

1.20
8595.08

BAILED-STRAW
DEMENTON. 18" x 36"

WIRE DN. HAND.

2640- L.F. 4' WIDE.

10.560. 59' FT.

UNION STORAGE CELLAR.

①

MATERIALS.	QUANT.	UNIT.	UNIT PRICE.	COST.	B.F.	
POLES - 12" DIM: 14'	36	EA.	0.30	151.20		
" 12" " 12'	34	"	0.30	122.40		
" 8" " 22'	101	"	0.15	333.30		
" 8" " 14'	402	"	0.15	844.20		
" 8" " 12'	34	"	0.15	61.20		
" 8" " 10'	36	"	0.15	54.00		
" 6" " 14'	8	"	0.09	10.08		
" 6" " 22'	100	"	0.09	198.00		
6" x 6" 14' #2 COM: D.F.	4	P.C.S.	0.07	5.25	75	
2" x 6" 14' "	12	"	"	11.76	168	
2" x 6" 10' "	48	"	"	33.60	480	
2" x 4" 14' "	1000	"	"	653.31	9333	
2" x 4" 10' "	66	"	"	30.80	440	
2" x 4" 8' "	42	"	"	15.68	224	10.720 B.F.
1" x 10" 10' #2 COM: W.F.	2	"	"	1.19	17	
1" x 8" 10' "	16	"	"	7.49	107	
1" x 6" 12' "	10	"	"	4.20	60	
1" x 6" 10' "	40	"	"	14.00	200	
1" x 4" 12' "	12	"	"	3.36	48	
1" x 4" 10' "	16	"	"	3.78	54	
SHIPLAP #3		R.L.	"	171.50	2450	29.36 B.F.
FLOORING 4" C. D.F 10'			"	28.00	400	

ONION STORAGE CELLAR

(2)

MATERIAL.	QUANT.	UNIT.	UNIT PRICE	COST.	BT. FT.	
1"X10" 12' ROUGH.	300	P.C.S.	0.07	210.00	3000	
1"X4" 12' "	3500	"	"	840.00	12.000	15.000 B-F
CONCRETE.	78	CU. YD.	7.00	126.00		
NAILS.	12.00	LBS.	0.09	108.00		
WIRE MESH. CHAIN LINK FABRICK	13.300	SG. FT.	50.0.5	665.00		2640-L.F. 4' ON HAND
ROOFING. 58# SPL. SH. REG.	11	ROLLS	2.00	22.00		
ROOFING FELT. 45#	1	"	2.00	2.00		
ASPHALT.	140	L.B.S	0.01	1.40		
MOP. YARN.	1	"	0.61	0.61		
T. HINGES. 12" HEAVY.	12	PR.	0.75	9.00		
" 4" "	20	"	0.25	5.00		
STRAP. HINGES. 6" "	408	"	0.40	163.20		
DRIET. PINS. 3/8" X 14"	36	EA.	0.10	3.60		
HAST. 3 1/2"	22	"	0.20	4.40		
" 4 1/2"	4	"	0.25	1.00		
STRAW.	3300	BAILS	0.50	1650.00		
FIBRE BOARD. 1/2"	1650	SG. FT	0.05	82.50		

WAR RELOCATION AUTHORITY
BILL OF MATERIAL

ENGINEERING SECTION

DEPARTMENT ELECTRIC.DATE: APRIL 12 - 1944PROJECT NAME OR NO. UNION-STORAGE CELLAR.PREPARED BY: W. J. Johnson

Item No.	Materials	Name of Cat.	Cat. No.	Quant. Rec.	Unit	Unit Cost	Total Cost	Quant. on hand
1	COPPER WIRE # 6. W. P. 80 LBS.			1000	FT.	0.26	20.80	
	" " # 10. W. P. 64. "			2000	"	0.26	16.64	
3	" " # 14. W. P.			25	"	0.03	0.75	
4	LOOM. $\frac{7}{32}$ -	W. H. PG. 46		25	"	0.03	0.75	25-FT.
5	3 SPOOL. RACKS. "	W. H. PG. 395	J-1268	4	EACH	2.50	10.00	
6	SPOOL-INSULATORS - BROWN	W. H. PG. 399	816681	12	"	0.21	2.52	
7	SPLIT-KNDS. N° 5 1/2			200	"	0.03	6.00	200-EA-
8	CHAIN-PULL-RECEPTCLE.	W. H. PG. 168	H268	10	"	0.32	3.20	
9	LAMPS. 100. WATT.			10	"	0.16	1.60	
10	SWITCH. SINGLE-THROW. FUSEBLE	W. H. PG. 211	1234	2	"	11.50	23.00	
11	VENTILATING-FAN. HORIZONTAL	W. H. PG. 625	16.FH. 3	5	"	28.00	140.00	
12	MACH. BOLTS. $\frac{5}{8}$ " x 12"			10	"	0.20	2.00	
13	POLES. 6" TOP. 30'			2	"	0.30	18.00	
14	CONDUIT. $\frac{3}{4}$ "			5	FT.	0.15	0.75	5-FT.
15	WATER TIGHT. COND. CONNECTOR $\frac{3}{4}$ "			2	EA.	0.20	0.40	
16	SERVICE HEAD. $\frac{3}{4}$ "			1	EA.	0.41	0.41	
17	WIRE. R. C. - # 8.			25	FT.	0.05	1.25	25-FT.

Omni Cells

2" x 4" x 10'	24 ea.	160 B.F.
2" x 4" x 8'	30 ea.	160 "
2" x 4" x 14'	1006 ea.	9333 "
1" x 4" x 12'	3500 ea.	14000 "
1" x 10" x 12'	300 ea.	3000 "

UNION STORAGE CELLAR.

STRUCTURAL.

ITEM. N°	MATERIAL.	ON-HAND.	UNIT TO BE PURCHASED	COST.
1	POLES. 12" DIM. 14'		504 L.F.	104.20
2	" " 12'		408 "	122.40
3	" 8" " 22'		2222 "	333.30
4	" " 14'		5628 "	844.20
5	" " 12'		408 "	61.20
6	" " 10'		360 "	54.00
7	" 6" " 22'		2200 "	198.00
8	" " 14'		112 "	10.08
9	FRAMING LUMBER. 2"x4. + 2"x6"		10,720 BF	750.40
10	SHEETING. " 1"		17,936 "	1255.52
11	FLOORING. C. GRADE. D-F.		400 "	28.00
12	FIBRE BOARD. 1/2"		1650 SQ.F.	82.50
13	CONCRETE.		18. CU.YD.	126.00
14	WIRE NAILS.		1200 LBS	108.00
15	WIRE MESH. CHAIN LINK FABRIC. 48" 12 GA. 2 3/8 DIAMOND	10.560 SQ.F.	12,740 SQ.F.	665.00
16	ROLL ROOFING.		12. SQUAR.	24.00
17	ASPHALT.	140 LBS		1.40
18	MOP. YARN.	1 "		0.61
19	T. HINGES. 12" HEAVY.		12 P.R.	9.00
20	" 4" "		20 "	5.00
21	STRAP HINGES. 6" "		408 "	163.20
22	DRIFT PINS. 3/8" x 14"		36 EA.	3.60
23	HAST. SAFETY. 3 1/2"		22 "	4.40
24	" " 4 1/2"		4 "	1.00
25	STRAW. BAILED.		3300 BAILS	1650.00
26	Gypsum Board 3/8		2400 SQ.F.	120.00

ELECTRICAL.

ELECTRICAL.

C
O
P
Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
WAR RELOCATION AUTHORITY

WASHINGTON

May 27, 1944

AIR MAIL

Mr. Harry L. Stafford
Project Director
Minidoka Relocation Center
Hunt, Idaho

Dear Mr. Stafford:

Enclosed are Forms WPB-617 and GA-1456, Serial No. 128768, approving the purchase of both controlled and rated materials as listed on the WPB-617 application. This covers the construction of an onion storage cellar.

The allotment symbol to be used in purchasing the controlled materials is F-6. The priority rating assigned for this project is AA-3. The use of the above ratings is not limited to any quarter and the expiration date is December 31, 1944. Every effort should be made to place the orders for the rated and controlled materials during this time.

Please note under Section 5 of GA-1456 that a waiver of the Construction Limitations, attached thereto, has been granted for "2" x 4" framing lumber and 1" material for sheathing, bins, etc". No materials listed on the above Limitations may be purchased or incorporated into the structure unless a waiver has been granted on the GA-1456, Section 5.

An allotment of funds necessary to complete the above project will be sent under separate cover.

Sincerely yours

/s/Morris B. Seltzer
Procurement Officer

Enclosures



UNITED STATES OF AMERICA
WAR PRODUCTION BOARDAUTHORIZATION TO BEGIN CONSTRUCTION AND/OR ASSIGNMENT OF
ALLOTMENT SYMBOLS AND PREFERENCE RATING FOR FACILITIESName and
Addressof
Applicant
(Street,
City,
Zone,
State)War Relocation Authority
Barr Building
910 17th Street
Washington, D. C.

Description:

This project calls for the construction of an onion storage cellar. Construction will be of heavy poles and timbers covered with wire mesh, straw and earth to form the roof. Size 39' 8" x 229' 0". The interior is to be arranged with a series of storage bins of wood construction. Cost ~~\$8,595.00~~

AUTHORIZATION - The applicant is authorized to construct the above-described project.

ALLOTMENT OF CONTROLLED MATERIALS - Allotment symbol F-6 may be used to order controlled materials necessary to complete the project.

PREFERENCE RATINGS - Preference rating AA-3 may be used to order items of the kind described in the instructions for Form WPB-617, under Machinery and Equipment, which are set forth and approved in Section III of the application. Preference rating AA-3 may be used to order all other items of equipment and materials (except controlled materials), necessary to complete the project.

DELIVERIES- Except where otherwise indicated on the application the applicant is authorized to buy and accept delivery of machinery and equipment shown in Section III of the application as approved.

CONDITIONS - Construction of the project described above and use of the allotment symbol and preference ratings assigned, are subject to the provisions of Direction No. 1 to CMP Regulation No. 6, and to applicable War Production Board orders and regulations and to the following conditions:

1. The War Production Board in issuing this authorization relied on the statements and representations made by the applicant in the application. Failure to live up to these statements and representations constitutes a violation of this authorization and grounds for its immediate cancellation. In addition, failure of the applicant to abide by any of the conditions imposed in this authorization constitutes grounds for its immediate cancellation.
2. The applicant must not use the allotment symbol or preference rating to obtain delivery of controlled materials or other products or materials on earlier dates than required for completion on schedule of the project. The applicant must not use the allotment symbol or preference rating on orders which are placed after December 31, 1944, the expiration date hereof.
3. No items of the kind shown on the equipment list of the Instructions for Form WPB-617 may be incorporated into the construction except those set forth in the application and approved by the War Production Board.
4. No materials may be acquired under this authorization or incorporated in the construction except as permitted under the provisions of the Construction Limitations dated February 1, 1944, which is made a part of this authorization. Deviations from such limitation is permitted only if specifically authorized below on this form.
5. The following deviations from the Construction Limitations are permitted:
 - 2" x 4" framing lumber
 - 1" material for sheathing, bins, etc.

ISSUED THIS 20th DAY OF May, 1944

By J. Joseph Whelan
Signature

Root Cellar

Coal

[illegible]

Roof cellar

84
36
20

size	length	No.
12" Post	12 ft	36
12" Studs	12 "	34
8" Posts	7 ft	36
8" Studs	12 ft	34
8" Rafter	34 ft	202
8" Rafters	16 ft	44
6" Ties	14 ft	9
4" Panels	12 ft	1600
#8 WP wire		100 ft
3/4" Iron rod		36 lf.
3/8" " "		42 lf.
6" x 6" Rough	14" long	4 pc.
Baled straw	18" x 18" x 36"	3200 Bales.
Woven wire	12" strap 40" h.	14,500 sq ft.
12" heavy Strap hinges		12 pc.
1/4" x 3" Mach. bolts		10 doz.
1/4" x 3 1/2" " "		10 doz.
1/4" washers		24 doz.
12" spikes		100 lb.
10" spikes		200 lb.
16 d. Common		100 lb.
1/2" Fibre board		1200 sq ft

WRA-307

WAR RELOCATION AUTHORITY

Potato Cellar

 Construction & Maintenance Section -- Project 5-15 Estimated Total Cost \$5810 Date Submitted 5/24/44 Sheet # 1 of 3

Item No.	Description	Quantity	Unit	Unit Cost		Labor	Material	Total	Value Matr'l On Hand
				Labor	Matr'l				
1	Concrete	25	C.Y.		10 ⁰⁰		250 ⁰⁰	250 ⁰⁰	250 ⁰⁰
2	3/4" steel Dowels	36	L.F.		0 ¹⁶		576	576	
3	3/8" Drift Pins	42	L.F.		0 ⁰³		1 ²⁶	1 ²⁶	
4	Pine Pole 12" Butt	840	L.F.		0 ⁴⁵		378 ⁰⁰	378 ⁰⁰	
5	" " 8" "	8222	L.F.		0 ¹⁵		1233 ³⁰	1233 ³⁰	
6	" " 6" "	126	L.F.		0 ⁰⁹		11 ³⁴	11 ³⁴	
7	" " 4" "	19200	L.F.		0 ⁰⁴		768 ⁰⁰	768 ⁰⁰	
8	6"x6" Rough	288	B.F.		0 ⁰⁵⁵		15 ⁸⁴	15 ⁸⁴	
9	2"x3" Cut from 2"x6"	1500	B.F.		0 ⁰⁷		105 ⁰⁰	105 ⁰⁰	105 ⁰⁰
10	2"x6" S4S #2 Com. D.F.	764	B.F.		0 ⁰⁷		53 ⁴⁸	53 ⁴⁸	53 ⁴⁸
11	2"x4" S4S #2 Com. D.F.	171	B.F.		0 ⁰⁷		11 ⁹⁷	11 ⁹⁷	11 ⁹⁷
12	2"x8" S4S #2 Com D.F.	118	B.F.		0 ⁰⁷		8 ²⁶	8 ²⁶	8 ²⁶
13	1"x6" S4S #2 Com D.F.	348	B.F.		0 ⁰⁷		24 ³⁶	24 ³⁶	24 ³⁶
14	1"x6" #3 Com. Shiplap	2000	B.F.		0 ⁰⁷		140 ⁰⁰	140 ⁰⁰	140 ⁰⁰
15	1"x4" S4S #2 Com. W.P.	18	B.F.		0 ⁰⁷		1 ²⁶	1 ²⁶	1 ²⁶
16	1"x6" T. & G. C. Grade	600	B.F.		0 ⁰⁷		42 ⁰⁰	42 ⁰⁰	42 ⁰⁰
17	Straw, Baled 18"x18"x36"	3200	Bales		0 ⁵⁰		1600 ⁰⁰	1600 ⁰⁰	
18	Woven wire - 12" stays H.C. - 11" + 14 1/2" G.	14500	Sq. Ft.		0 ⁰⁰⁵⁷		8265	8265	

PROJECT COST ESTIMATE SHEET									
Construction & Maintenance Section -- Project #				Estimated Total Cost		Date Submitted		Sheet # 2 of 3	
Item No.	Description	Quantity	Unit	Unit Labor	Cost Matr'l	Labor	Material	Total	Value Matr'l On Hand
19	Roofing Felt 58#	5	Rolls		2 ⁰⁰		10 ⁰⁰	10 ⁰⁰	10 ⁰⁰
20	Roofing Asphalt	63	lbs.		0 ⁰¹		0 ⁶³	0 ⁶³	0 ⁶³
21	Strap Hinges 12" (Heavy)	12	Pr.		1 ⁵⁷		18 ⁸⁰	18 ⁸⁰	
22	Hinge Hasp 3 1/2"	1	Ea		0 ²⁵		0 ²⁵	0 ²⁵	0 ²⁵
23	Hinge Hasp 4 1/2"	4	Ea		0 ²⁸		1 ¹²	1 ¹²	1 ¹²
24	T-Hinge 4" (Heavy)	2	Pr		0 ²⁸		0 ⁵⁶	0 ⁵⁶	0 ⁵⁶
25	1/4" x 3" Mach. Bolts	10	Doz.		0 ²²²		2 ²²	2 ²²	
26	1/4" x 3 1/2" " " "	10	Doz.		0 ²⁴⁶		2 ⁴⁶	2 ⁴⁶	
27	1/4" ^{IRON} Washers	24	Doz.		0 ⁰²		0 ⁴⁸	0 ⁴⁸	
28	Nails	600	lbs.		0 ⁰⁸		48 ⁰⁰	48 ⁰⁰	
29	Steel Butts 2 1/2" x 2 1/2"	2	Pr.		0 ¹⁸		0 ³⁶	0 ³⁶	0 ³⁶
30	1/2" Fibre board	1200	Sq.Ft.		0 ⁰⁵		60 ⁰⁰	60 ⁰⁰	
31	#8 W.P.Wire	100	ft.		0 ⁰³		3 ⁰⁰	3 ⁰⁰	
32	#14 W.P.Wire	450	ft		0 ⁰³		13 ⁵⁰	13 ⁵⁰	13 ⁵⁰
33	Split Knobs #5 1/4	50	ea		0 ⁰⁷		3 ⁵⁰	3 ⁵⁰	3 ⁵⁰
34	2 spool rack	2	ea.		2 ⁵⁰		5 ⁰⁰	5 ⁰⁰	5 ⁰⁰
35	Entrance Switch	1	ea		1 ⁸⁰		1 ⁸⁰	1 ⁸⁰	1 ⁸⁰

4893.86

4893.86

662.39

WAR RELOCATION AUTHORITY

Construction & Maintenance Section -- PROJECT COST ESTIMATE SHEET #45 Estimated Total Cost \$5810. Date Submitted 5/25/44 Sheet # 3 of 3

Item No.	Description	Quantity	Unit	Unit Cost		Labor	Material	Total	Value Matr'l On Hand
				Labor	Matr'l				
36	Fuse Block	1	ea		2 ⁰⁰		2 ⁰⁰	2 ⁰⁰	2 ⁰⁰
37	Lamp 100 w.	10	ea		0 ¹⁰		1 ⁰⁰	1 ⁰⁰	1 ⁰⁰
38	Conduit Elbow 1/2"	1	ea		0 ²⁵		0 ²⁵	0 ²⁵	0 ²⁵
39	Conduit Connector 1/2"	2	ea		0 ²⁰		0 ⁴⁰	0 ⁴⁰	0 ⁴⁰
40	#6 Bare Copper wire	10	Ft		0 ⁰⁸		0 ⁸⁰	0 ⁸⁰	0 ⁸⁰
41	Toggle switch	2	ea		0 ³⁵		0 ⁷⁰	0 ⁷⁰	0 ⁷⁰
42	Entrance Cap	1	ea		1 ⁰⁰		1 ⁰⁰	1 ⁰⁰	1 ⁰⁰
43	Labor					900 ⁰⁰		900 ⁰⁰	
						900 ⁰⁰	4910.31	5810 ³¹	679 ²⁰

POTATOE CELLAR

I ONLY

4-17-44.

(1)

ITEM No.	DESCRIPTION	LENGTH DESIRED	QUANTITY
1. FOOTINGS.	PORTLAND CEMENT		75 Sacks
2. "	$\frac{3}{4}$ " ϕ x 12" Long STEEL Dowels		36 Ea.
3. POSTS	12" POLES (PINE)	12'-0"	36 POLES
4. "	8" " "	7'-0"	36 "
5. GIRDERS	12" " "	12'-0"	34 "
6. "	8" " "	12'-0"	34 "
7. TIES.	6" " "	14'-0"	9 "
8. RAFTERS	8" " "	34'-0"	202 "
9. "	8" " "	16'-0"	44 "
10. Roof.	48"-12 Gauge WIRE - $2\frac{3}{8}$ " DIAMOND MESH CHAIN LINK FABRIC		14,500 Sq. Ft.
11. STRAW	18"x18"x36"		3200 Bales.
12. SLEEPERS	6"x6" S4S #2 Common D.F. Rough	14'-0"	4 Pcs.
13. POSTS	6"x6" " #2 " D.F. "	10'-0"	4 "
14. STUDS	2"x6" S4S #2 Common D.F.	10'-0"	40 "
15. PLATES	2"x6" " #1 " D.F.	14'-0"	12 "
16. RAFTERS	2"x4" " #1 " D.F.	8'-0"	32 "
17. Roof.	2"x8" " #2 " D.F.	14'-0"	4 "
18. "	2"x8" " #2 " D.F.	8'-0"	4 "
19. SHEATHING	1"x6" #3 Common Siplap D.F.	R/L	2000 Bd. Ft.
20. DOORS.	1"x6" S4S #2 Common W.P.	10'-0"	8 Pcs.
21. "	1"x6" " " " W.P.	12'-0"	8 "
22. " $\frac{1}{2}$ " HOORES	1"x4" " " " W.P.	12'-0"	3 "
23. "	1"x6" T. & G. " GRADE W.P.	10'-0"	600 Bd. Ft.
24. Roof	58# ROOFING FELT.		5 ROLLS
26. "	$\frac{7}{8}$ " LARGE HEAD PR NAILS		2 1/2 Lbs.
27. "	ROOFING ASPHALT		63 Lbs.
28. "	Mop YARN		1/2 Lb.
29. HARDWARE	12" STRAP HINGE (HEAVY)		12 Pcs.
30. "	$\frac{1}{4}$ " Dia. 3" long MACHINE BOLTS		10 doz.
31. "	$\frac{1}{4}$ " " $3\frac{1}{4}$ " " " "		10 doz.
32. "	$\frac{1}{4}$ " STEEL WASHERS		24 doz.

Entrances

32.	HARDWARE	SAFETY STEEL $3\frac{1}{2}"$ HINGE HAS.		1 Ea ⁽²⁾ ✓
32.	"	" " $4\frac{1}{2}"$ " "		4 Ea ✓
33.	"	4" T-HINGE (HEAVY)		2 PR. ✓
34.	STAY DOOR	1"x6" S&S #2 Common W.P.	10'-0"	50 Pcs ✓
35.	"	2"x6" " " " D.P.	12'-0"	14 " ✓
36.	"	2"x6" " " " D.P.	8'-0"	4 " ✓
37.	LOUVERES	1"x6" " " " W.P.	10'-0"	2 " ✓
38.	"	1"x4" " " " W.P.	8'-0"	2 " ✓
39.	"	2"x6" " " " D.P.	6'-0"	1 " ✓
40.	HARDWARE	$2\frac{1}{2}" \times 2\frac{1}{2}"$ STEEL BUTTS		2 PRS.
41.	NAILES -	12" SPIKES		100 Lbs.
42.	"	10" "		150 Lbs.
43.	"	60 d Common		20 Lbs.
44.	"	16 d "		100 Lbs.
45.	"	8 d "		100 "
46.	DRIFT PINS	$\frac{3}{8}" \phi \times 14"$ long		36 Ea
47.	Dowels	$\frac{3}{4}" \phi \times 12"$ " STEEL Dowels		36 Ea
48.	Insulation	$\frac{1}{2}"$ CELOTEX -		1200 Sq Ft.
49.	"	4 d Box Nails		8 Lbs.
50.	REMOVABLE PANELS	1"x6" ROUGH W.P. OR D.P.	12'-0"	1300 Pcs.
51.	"	1"x6" " " " "	10'-0"	60 "
52.	"	2"x3" S&S #2 Common D.P.	12'-0"	210 "
53.	Nails	8 d Common		30 Lbs.
54.	"	20 d "		100 Lbs.
50.	REMOVABLE PANELS	4" POLES (Pine)	12'-0"	1600 Poles ✓
51.	"	2"x3" S&S #2 Common D.P.	12'-0"	250 Pcs.
53.	"	Nails 20 d Common		100 Lbs.

POULTRY PROJECT.

ITEM Nº	CODE Nº	UNIT OF MEASURE	DESCRIPTION OF ARTICLE	AMOUNT REQUIRED	AMOUNT ALLOWED	ON HAND	TO BE PURCHASED
7.	2016	TONS.	(B) PIPE BLACK 2620-FT.	2.099	1.830	2.099	NONE \$75.24
20	2061	"	WIRE NAILS 6000 LBS	3	2.582	2.582	0.418 = 836 LBS
23	2061	LIN. FT.	GUY STRAND (WIRE).	50	NONE.	NONE.	\$2.00 50-FT.
24	2061	TONS.	POULTRY NETTING.	0.39	0.39	0.39	NONE.
37	3101	LBS.	WIRE BARE & INSULATED.	990	355	774	\$49.68 216 LBS.
50		LBS.	LEAD SOLDER.	5	NONE.	5	NONE.
80		TONS	ASPHALT	0.225	"	0.225	NONE.
82		SQUARES	ROLL ROOFING.	997	616.5	997	\$762.00 381
97		M.B.M.	CONST. LBR: 2" & UNDER.	139.421	95.000	139.421	NONE
104		NUMBER	WINDOWS & FRAMES.	276		276	NONE.
107		SQ. FT.	FIBRE BOARD 1/2"	115.732	104.796	104.796	\$546.70 10.936
110		NUMBER	POLES 6" TOP 30'	5		5	NONE.
110		"	" " 45'	13	13	13	NONE.
110		"	" " 6" 10'	44	44	44	NONE.
110		"	" " 6" 8'	175	175	175	NONE.
117		DOLLARS	MOT. YARN 2 LBS.	1.22		1.22	NONE.
184	403	"	TRANSFORMER 10-K.V.A.	338.00	338.00	338.00	NONE
184	403	"	TRANSFORMER CUTOUT 70V. 3EA	33.00		33.00	NONE.
193	411	"	SWITCHES KNIFE & ENCLOSED	52.00	52.00	52.00	NONE.
194A	415	"	THIN WALL CONDUIT 1/2" 120 FT.	18.00		18.00	NONE.
196	415	"	LOOM 7/32" 525-FT.	9.95	9.45	9.95	NONE.
198	415	"	SWITCH BDX. 88 PCS. WITH COVER	14.00	14.00	14.00	NONE.

POULTY PROJECT

ITEM Nº	CODE Nº	UNIT OF MEASURE	DESCRIPTION OF ARTICLE	AMOUNT REQUIRED	AMOUNT ALLOWED	ON-HAND	TO BE PURCHASED
199	418	DOLLARS	INSULATORS. SPOOL.	23.48	13.00	22.48	NONE.
200	420	"	POLE LINE HARDWARE.	134.00	134.00	134.00	NONE.
201	536	"	INCANDESCENT LIGHTING FIXT	75.00	35.50	75.00	NONE.
206	421	"	WIRING DEVICES.	414.00	124.80	367.80	46.20.
216	571	"	PLUMBING FIXTURES & TRIM.	20.00	20.00	20.00	NONE.
218		"	(3) PIPE FITTINGS. BLACK.	26.10	6.50	26.10	NONE.
273	705	TONS.	EAVES TROUGHS. 4" 16 GA.	0.076			0.076
280		DOLLARS	FINISH HARDWARE.	317.50	120.00	317.50	NONE.
283	714	LBS.	BOLTS. NUTS. WASHERS.	460	460.	460.	NONE.

