

SUT 001 81416

NAVY DEPARTMENT
(Bureau of Supplies and Accounts)
Washington, D. C.

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24 June 1937

Contract Bulletin

PACKINGS FOR THE NAVAL SERVICE
For the period 1 July 1937
to 30 June 1938

Issued by the Bureau of Supplies and Accounts
Navy Department

Copies to:

Department Distribution:

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III except (a), (h), (k), (l), IX(b) & X (C-9) (20)

491

Recd 7-1-37
mailed 7-1-37

1100

1. Following are the contracts and contract conditions for furnishing packings for the naval service during the fiscal year ending 30 June 1938.

2. APPROPRIATION AND REQUISITION:

(a) N. S. A. Bureau Requisition 10 (1938) NSAF. 15-X-1.

3. It is understood and agreed that only such unmanufactured articles, materials and supplies as have been mined or produced in the United States and only such manufactured articles, materials, and supplies as have been manufactured in the United States substantially all from articles, materials, or supplies mined, produced or manufactured as the case may be, in the United States shall be delivered pursuant to a contract awarded as a result of this bid.

4. FEDERAL TAX.

(a) Supplies and material required for the exclusive use of the United States and/or for use as fuel supplies, ship's stores, sea stores or logistic equipment on vessels of war of the United States and/or for export or shipment to a possession of the United States may be exempted from payment of the manufacturer's excise tax imposed by TITLE IV of Revenue Act of 1932, as amended. A tax exemption certificate will be furnished to exempt the article from the tax, when tax exemption is claimed by the bidder in the execution of the following stipulations.

The amount of Federal tax paid or payable on articles subject to tax under Title IV of the Revenue Act of 1932, as amended, are (included, excluded) in the prices bid herein, and the bidder (has, has not) claimed and/or (will, will not) claim exemption from, credit for, or refund of such taxes with respect to sales of said articles, as provided by law.

(b) Prices bid herein include any Federal tax heretofore imposed by the Congress which is applicable to the material on this bid. Any sales tax, duties imposed, revenues excise or other taxes which may hereafter (May 11, 1937) be imposed by the Congress and made applicable to the material on this bid will be charged to the Government and entered on invoices as a separate item.

SALES TAX, STATE, LOCAL, ETC.,

(1) Revenue taxes imposed by states, municipalities or sub-divisions thereof on the sale of articles, are not applicable to sales to the Federal Government. A tax exemption certificate will be furnished, if required, when the following information is furnished by the bidder.

- (a) Name of the taxing agency
(State, local, etc).....
- (b) Amount of tax \$.....

5. REPRESENTATIONS AND STIPULATIONS
PURSUANT TO PUBLIC ACT NO. 846,
74th CONGRESS.

All contracts except NOs-55519, 55522, 55525, 55526, 55528 and 55529, which are in the amounts of less than \$10,000 are for performance subject to all the Representations and Stipulations prescribed by Public Act No. 846, 74th Congress commonly known as the Walsh-Healy Act.

6. "General Specifications for Inspection of Material", issued by the Navy Department, 1 September 1934, shall form a part of these specifications, copies of which, together with any Navy Standard or Federal Specifications, (if mentioned herein), may be obtained upon application to the Supply Officer of any navy yard, the Navy Purchasing Offices, New York, N. Y., and San Francisco, Calif., or to the Bureau of Supplies and Accounts.

7. REPORT OF SHIPMENT: SPECIAL ATTENTION IS INVITED TO PARAGRAPH 61 OF "GENERAL SPECIFICATIONS FOR INSPECTION OF MATERIAL". WITHIN 48 HOURS AFTER SHIPMENT CONTRACTOR WILL FURNISH TO THE INSPECTOR A REPORT OF MATERIAL SHIPPED. IN CASE THE INSPECTION IS BEING CONDUCTED BY A BRANCH INSPECTION OFFICE THIS REPORT WILL BE FURNISHED TO THAT BRANCH OFFICE, UNLESS OTHERWISE DIRECTED.

8. METHOD OF ADVERTISEMENT:

Contracts were made after newspaper advertisement. Award was made to the lowest satisfactory bidder, and so reported to the General Accounting Office on Form 1036 attached to the several contracts. (Reference: Article 1045, Bureau of Supplies and Accounts Manual).

9. LIST OF CONTRACTORS:

NOS.-55517 - The Carlock Packing Co., Palmyra, New York
 NOS.-55518 - Johns-Manville Sales Corp., 22 East 40th St., N.Y.C.
 NOS.-55519 - Eriet Magnesite Mfg. Co., Valley Forge, Penna.
 NOS.-55520 - Braiding & Packing Works of America, Inc., 250-252 46th St., Brooklyn, N.Y.
 NOS.-55521 - Linear Packing & Rubber Co. Inc., State Road & Levick St., Phila. Pa.
 NOS.-55522 - Quaker City Rubber Co., Wissinoming, Phila. Pa.
 NOS.-55523 - United States Rubber Products Inc., 1790 Broadway, N.Y.C.
 NOS.-55524 - Hamilton Rubber Mfg. Co., Trenton, N.J.
 NOS.-55525 - The Vellumoid Co., 54 Rockdale St., Worcester, Mass.
 NOS.-55526 - Pilot Packing Co. Inc., 1 Water St., N.Y.C.
 NOS.-55527 - Crane Packing Co., 1800 Cuyler Ave., Chicago, Ill.
 NOS.-55528 - The Anchor Packing Co., 401 N. Broad St., Phila. Pa.
 NOS.-55529 - The Alipax Co. Inc., Hamoroneck, N.Y.

10. CONTRACT PRICES AND DELIVERY POINTS:

Contract NOS-55517 - The Carlock Packing Co.

	East Coast	Pacific Coast
	Unit Price	Unit Price
	(per Pound)	(per Pound)

(a) Packing, spiral asbestos, rod, high-pressure,
 Symbol 1100, in sizes from 1/4 to 1-1/2 inches,
 as required as follows:

Size (Inches)	
1/4	.50
5/16	.50
3/8	.50
7/16	.50
1/2	.50
9/16	.50
5/8	.50
3/4	.50
7/8	.50
1	.50
1-1/8	.50
1-1/4	.50
1-3/8	.50
1-1/2	.50

Trade Name CARLOCK 7569

(b) Packing, sheet, asbestos-metallic cloth,
 symbol 2151, Grade 1, as follows:

Thickness
(inch)

	East Coast (unit Price) (per square yard)	Pacific Coast (unit Price) (per square yard)
1/16	1.65	1.76
1/8	3.29	3.53
5/16	4.94	5.29
1/4	6.58	7.05

Contract NOS-55518 - Johns-Manville Sales Corp.

(a) Packing, spiral asbestos, rod, high-pressure,
 symbol 1100, in sizes from 1/4 to 1-1/2
 inches, as required as follows:

(per pound)

Size
(Inches)

1/4	.843
5/16	.700
3/8	.618
7/16	.521
1/2	.488

Contract NOs-55518 - Johns-Manville Sales Corp. (Cont'd)

(a) Packing, spiral asbestos, rod, high-pressure, symbol 1100, in sizes from 1/4 to 1-1/2 inches, as required as follows:

(per pound)

Size
(inches)

9/16
5/8
3/4
7/8
1
1-1/8
1-1/4
1-3/8
1-1/2

.466
.458
.456
.428
.418
.407
.404
.399
.392

Trade Name J-M Style 1100 Asbestos high pressure rod packing

(b) Packing, sheet, asbestos, compressed, symbol 2150, Grade A, in commercial widths and thicknesses from 1/32-inch up, as follows:

Size
(inches)

(per square yard)

(per square yard)

1/32
1/16
1/8
3/16
1/4

.466
.908
1.786
2.700
3.571

.466
.908
1.786
2.700
3.571

Trade Name Johns-Manville Style 2150 Compressed Asbestos Sheet

East Coast
Unit Price
(per sq. yd.)

(c) Packing, sheet, fiber, plant, symbol 2290, as required, as follows:

Thickness
(inch)

1/64
1/32
1/16
1/8

.311
.525
.960
2.241

Identification: Each sheet shall be stenciled in such manner that at least every square foot of packing can be identified by its trade name and name of the manufacturer at the end of three years in stock.

Trade Name Johns-Manville Sargelite Sheet Style 711

East Coast
Unit Price
(per Lin. Yd.)

Pacific Coast
Unit Price
(Per Lin. Yd.)

(d) Packing, electric cable stuffing and terminal tube, Part A, in sizes from 1/8 to 1/2-inch, as follows:

Size
(inches)

1/8
3/16
1/4
5/16
3/8
7/16
1/2

.04
.06
.065
.09
.125
.16
.20

.04
.06
.065
.09
.125
.16
.20

Trade Name Johns-Manville MX-1866 Braided Cable Stuffing Tube Packing

Contract NOs-55519 - Ehret Magnesia Mfg. Co.

	(per pound)	(per pound)
(a) Packing, asbestos, valve size, square braided, with wire insertion, symbol 1104, ordered in sizes from 1/8 to 1-inch square in section, as follows:		
Size (inches)		
1/8	.35	.57
3/16	.35	.57
1/4	.35	.57
5/16	.35	.57
3/8	.35	.57
7/16	.35	.57
1/2	.35	.57
5/8	.35	.57
3/4	.35	.57
7/8	.35	.57
1	.35	.57

Trade Name: Ehret's Style A-09

Contract NOs-55520 - Braiding & Packing Works of America, Inc.

Size (inches)	AMERICAN GROWN
1/8	.016
3/16	.03
1/4	.0416
5/16	.0735
3/8	.1056
7/16	.1440
1/2	.1824
9/16	.2208
5/8	.2592
3/4	.3776
7/8	.5088
1	.6912
1-1/8	.80
1-1/4	1.00
1-1/2	1.33
1-3/4	1.56
2	1.85

East Coast Unit Price Pacific Coast Unit Price (per Lin. Yd.)

Contract NOs-55521 - Linear Packing & Rubber Co. Inc.

(a) Packing, coll. flax, square, symbol 1260, in sizes from 1/8 to 2-inches, as follows:

Size (inches)	AMERICAN GROWN FLAX
1/8	.0169
3/16	.0366
1/4	.0599
5/16	.0855
3/8	.1182
7/16	.1624
1/2	.1855
9/16	.2384

Contract NOs-55521 - Linear Packing & Rubber Co. Inc. (Cont'd)

(a) Packing, coil, flax, square, symbol 1260, in sizes from 1/8 to 2-inches, as follows:

(size)
(inches)

5/8

3/4

7/8

1

1 1/8

1 1/4

1 3/4

2

East Coast
Unit Price

Pacific Coast
Unit Price
(Per Lin. Yd.)

AMERICAN GROWN
FLAX

.2661

.3883

.5326

.6783

.8715

1.092

1.4543

1.8165

2.1412

Contract NOs-55522 - Quaker City Rubber Co.

(Per pound)

(per Pound)

(a) Packing, spiral, gland, low-pressure, symbol 1300, in sizes from 1/4 to 1-inch, square or rectangular in section, as follows:

Size
(inches)

1/4

5/16

3/8

1/2

9/16

5/8

3/4

7/8

1

.513

.42

.38

.34

.37

.335

.318

.322

.31

.513

.42

.38

.34

.37

.335

.318

.322

.31

(b) Packing, coil, hydraulic, square, symbol 1301, in sizes from 1/4 to 1 1/4 inches, as follows:

Size
(inches)

1/4

5/16

3/8

7/16

1/2

9/16

5/8

3/4

7/8

1

1 1/8

1 1/4

.457

.417

.39

.377

.365

.375

.36

.355

.35

.394

.409

.393

.457

.417

.39

.377

.365

.375

.36

.355

.35

.394

.409

.393

East Coast
Unit Price
(per pound)

Pacific Coast
Unit Price
(per pound)

(c) Packing, hydraulic (rock hard), symbol 1303, in coils or rings to sizes (in solid ring or formed ring) as ordered:

Solid Rings

Formed Rings or coils

1.20

.50

1.20

.50

East Coast
Unit Price

Pacific Coast
Unit Price
(Per Lin. Yd.)

Contract NOs-55521 - Linear Packing & Rubber Co. Inc. (Cont'd)

(a) Packing, coil, flax, square, symbol 1260, in sizes from 1/8 to 2-inches, as follows:

AMERICAN GROWN
FLAX

(size)
(inches)

5/8

3/4

7/8

1

1-1/8

1-1/4

1-1/2

1-3/4

2

.2661

.3883

.5326

.6783

.8715

1.092

1.4543

1.8165

2.1412

Contract NOs-55522 - Quaker City Rubber Co.

(Per pound)

(per Pound)

(a) Packing, spiral, gland, low-pressure, symbol 1300, in sizes from 1/4 to 1-inch, square or rectangular, as follows:

Size
(inches)

1/4

5/16

3/8

7/16

9/16

5/8

3/4

7/8

1

.515

.42

.38

.34

.37

.335

.318

.322

.31

.513

.42

.38

.34

.37

.335

.318

.322

.31

(b) Packing, coil, hydraulic, square, symbol 1301, in sizes of 1/4 to 1-1/4 inches, as follows:

Size
(inches)

1/4

5/16

3/8

7/16

1/2

9/16

5/8

3/4

7/8

1

1-1/8

1-1/4

.457

.417

.39

.377

.365

.375

.36

.355

.35

.394

.409

.393

.457

.417

.39

.377

.365

.375

.36

.355

.35

.394

.409

.393

East Coast
Unit Price
(per pound)

Pacific Coast
Unit Price
(per pound)

(c) Packing, hydraulic (rock hard), symbol 1303, in coils or rings to sizes (in solid ring or formed ring) as ordered

Solid Rings

Formed Rings or coils

1.20

.50

1.20

.50

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1423

Contract No. 55523 - United States Rubber Products Inc.

(Per. Sq.Yd.)

(Per Sq.Yd.)

(a) Packing, sheet, rubber, cloth-insertion, Grade No. 1, symbol 2553, in commercial widths and thicknesses, as follows:

Size (inches)		
1/16	.897	.942
3/32	1.342	1.406
1/8	1.797	1.825
3/16	2.528	2.659
1/4	3.586	3.765

Contract No. 55524 - Hamilton Rubber Mfg. Co.

(a) Packing, sheet, rubber, wire insertion, symbol 2554, in commercial widths and thicknesses, as follows:

Size (inches)		
1/16	2.45	2.52
3/32	2.85	2.92
1/8	3.24	3.35
3/16	5.33	5.41
1/4	6.13	6.25

Contract No. 55525 - The Vellumoid Co.

(a) Packing, sheet, fiber, plant, symbol 2257, as required, as follows:

Size (inches)		
1/16		2.25
1/32		1.45
1/16		.97
1/8		1.85

Identification: Each sheet shall be stenciled in such a manner that at least every square foot of packing can be identified by its trade name and the name of the manufacturer at the end of three years in stock.

Trade Name VELLUMOID.

Contract No. 55526 - Pilot Packing Co. Inc.

East Coast
Unit Price
(per pound)

Pacific Coast
Unit Price
(per pound)

(a) Packing, spiral, red, high pressure, semi-metallic, symbol 1400, in sizes from 1/4 to 1-inch, as follows:

Size (inches)		
1/4	1.25	1.30
5/16	1.25	1.30
3/8	1.25	1.30
7/16	1.25	1.30
1/2	1.25	1.30
9/16	1.25	1.30
5/8	1.25	1.30
11/16	1.25	1.30
3/4	1.25	1.30
13/16	1.25	1.30
7/8	1.25	1.30
15/16	1.25	1.30
1	1.25	1.30

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Contract NOs-55526 - Pilot Packing Co. Inc. (Cont'd)

East Coast
Unit Price
(per pound)

Pacific Coast
Unit Price
(per pound)

Packing, in molded ring form -

For rods up to 1-1/2 inches diameter
For rods over 1-1/2 inches diameter

1.50
1.50

1.55
1.55

Trade Name "VICTOR" SEMI-METALLIC PACKING

Contract NOs-55527 - Crane Packing Company

(a) Packing, spiral, rod, high pressure, metallic
flexible, symbol 1450, in sizes from 3/16 to
1-inch as follows:

Size
(inches)

3/16

.88

.90

1/4

.88

.90

5/16

.88

.90

3/8

.88

.90

7/16

.88

.90

1/2

.88

.90

9/16

.88

.90

5/8

.88

.90

11/16

.88

.90

3/4

.88

.90

13/16

.88

.90

7/8

.88

.90

15/16

.88

.90

1

.88

.90

For rods up to 1-1/2 inches diameter

1.10

1.12

For rods over 1-1/2 inches diameter

1.10

1.12

Trade Name "JOHN CRANE" Style 100

(b) Packing, spiral, high pressure, plastic
metallic, type D, (metal case), symbol
1452, in sizes from 3/16 to 1-1/8 inches,
as follows:

Size
(inches)

3/16

1.38

1.40

1/4

1.38

1.40

5/16

1.38

1.40

3/8

1.38

1.40

7/16

1.38

1.40

1/2

1.38

1.40

9/16

1.38

1.40

5/8

1.38

1.40

11/16

1.38

1.40

3/4

1.38

1.40

13/16

1.38

1.40

7/8

1.38

1.40

15/16

1.38

1.40

1

1.38

1.40

1-1/8

1.38

1.40

Packing, in molded ring form -

For rods, up to 1-1/2 inches diameter
For rods over 1-1/2 inches diameter

1.65
1.60

1.67
1.62

Trade Name "JOHN CRANE" Style 250

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1425

Contract NOs-55527 - Crane Packing Company (Cont'd)

(c) Packing, plastic metallic, coil form cotton covered, symbol 1435, in sizes from 3/16 to 1-1/4 inches, as follows:

East Coast Unit Price (per pound)
Pacific Coast Unit Price (per pound)

Size (inches)	East Coast Unit Price (per pound)	Pacific Coast Unit Price (per pound)
3/16	1.25	1.27
1/4	1.25	1.27
5/16	1.25	1.27
3/8	1.25	1.27
7/16	1.25	1.27
1/2	1.25	1.27
5/8	1.25	1.27
3/4	1.25	1.27
7/8	1.25	1.27
1	1.25	1.27
1-1/8	1.25	1.27
1-1/4	1.25	1.27

Packing, in welded ring form -

For rods up to 1-1/2 inches diameter

1.50

1.52

For rods over 1-1/2 inches diameter

1.50

1.52

Trade Name "JOHN CRANE" Super Seal No.

(d) Packing, plastic metallic, coil form, metal covered, type C, symbol 1434, in sizes from 1/4-inch to 1-1/8 inches, as follows:

3/16	.90	.92
1/4	.90	.92
5/16	.90	.92
3/8	.90	.92
7/16	.90	.92
1/2	.90	.92
5/8	.90	.92
3/4	.90	.92
7/8	.90	.92
1	.90	.92
1-1/8	.90	.92

Packing, in welded ring form -

For rods up to 1-1/2 inches

1.18

1.20

For rods over 1-1/2 inches

1.12

1.14

Trade Name "JOHN CRANE" Style 150.

(e) Packing, condenser tube, flexible metallic, symbol 1435, as follows:

Inside Diameter (inch)	
Metal rings	
5/8 (120,000 rings)	.58
3/4 (50,000 rings)	.58
7/8 (10,000 rings)	.53
Odd sizes	.53
Fiber rings	
5/8 (120,000-rings)	5.96
3/4 (50,000-rings)	5.92
7/8 (10,000-rings)	5.77

CRMC-M&S-003479

SUT0018

1426

Contract NOs-55527 - Crane Packing Company (Cont'd)

(c) Packing, condenser tube, flexible metallic, symbol 1435, as follows:

East Coast
Unit Price
(per pound)

Pacific Coast
Unit Price
(per pound)

Inside diameter
(inch)
Odd sizes

5.77

Metal rings

5/8 (170,000-rings)
3/4 (10,000-rings)
7/8 (6,000-rings)
Odd sizes

.60
.60
.55
.55

Fiber rings

5/8 (170,000-rings)
3/4 (10,000-rings)
7/8 (6,000-rings)
Odd sizes

5.98
5.98
5.79
5.79

NOTE: Two metal and two fiber rings constitute a set of packing

Trade Name "JOHN CRANE" Style 601-E and "JOHN CRANE" Style 602.

(f) Packing, electric cable stuffing and terminal tubes, part B, in sizes from 1/8 to 1/2 inches, as follows:

(Per lin. yd.)

(per Lin. Yd.)

Size
(inches)

1/8
3/16
1/4
5/16
3/8
7/16
1/2

.24
.20
.26
.29
.35
.42
.46

.25
.21
.27
.30
.36
.43
.46

Trade Name "JOHN CRANE" Style 77-O

Contract NOs-55528 - The Anchor Packing Co.

(a) Packing, rod, plastic, non-metallic, symbol 1105, bulk, as follows:

East Coast
Unit Price
(per pound)

Pacific Coast
Unit Price
(per pound)

Inside diameter

.98

1.05

Noted ring form

For rod up to 1-1/2 inches diameter
For rods over 1-1/2 inches diameter

1.25
1.25

1.30
1.30

Trade Name Carbonite

(b) Packing, plastic, non-metallic, coil form, cotton covered, symbol 1106, in sizes from 1/4 inch to 1-1/4 inches as follows:

Size
(inches)

1/4
5/16
3/8
1/2
5/8
3/4
7/8
1
1-1/8
1-1/4

.80
.80
.80
.80
.80
.80
.80
.80
.80
.80

.90
.90
.90
.90
.90
.90
.90
.90
.90
.90

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1427

East Coast
Unit Price
(per pound)

Pacific Coast
Unit Price
(per pound)

Contract NOs-55528 - The Anchor Packing Co. (Cont'd)

Packing, in molded ring form

For rods up to 1-1/2 inches diameter	1.10	1.15
For rods over 1-1/2 inches diameter	1.10	1.15

Trade Name: Carbonite Coil Form Cotton Jacket

(c) Packing, spiral, high pressure, semi-metallic, symbol 1405, for stem tubes, in sizes from 5/8 to 1-1/2 inches, as follows:

Sizes (Inches)	East Coast	Pacific Coast
5/8	.68	.70
1/2	.68	.70
9/16	.68	.70
5/8	.68	.70
11/16	.68	.70
3/4	.68	.70
13/16	.68	.70
7/8	.68	.70
15/16	.68	.70
1	.68	.70
1-1/16	.68	.70
1-1/8	.68	.70
1-1/4	.68	.70
1-1/2	.68	.70
	.68	.70
	.68	.70
	.70	.72

Trade Name: Style 855

Contract NOs-55529 - The Allpak Co. Inc.

(a) Packing, rod, plastic-metallic, type A, symbol 1451, as follows:

In 5-point cans	1.10	1.10
-----------------	------	------

In molded ring form

For rods up to 1-1/2 inches diameter	1.50	1.50
For rods over 1-1/2 inches diameter	1.50	1.50

Trade Name: ALLPAX

SPECIAL CONDITIONS.

1. DISCOUNTS WILL BE ALLOWED FOR PAYMENT WITHIN CALENDAR DAYS AS FOLLOWS:

(a) Contract NOs-

- 55517 - 2 per cent 10 days
- 55518 - 2 per cent 10 days
- 55519 - 2 per cent 10 days
- 55520 - 2 per cent 10 days; 1 per cent 20 days
- 55521 - 2 per cent 10 days; 1 per cent 20 days
- 55522 - 2 per cent 10th proximo
- 55523 - 2 per cent 10th proximo
- 55524 - 2 per cent 10th proximo
- 55525 - 2 per cent 10 days

CRMC-M&S-003481

SUT0018

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SPECIAL CONDITIONS (CONT'D)

I. DISCOUNTS WILL BE ALLOWED FOR PAYMENT WITHIN CALENDAR DAYS AS FOLLOWS:
(a) Contract NOS- (Cont'd)

55526 - 2 per cent 10 days
55527 - 2 per cent 10 days
55528 - none
55529 - 2 per cent 10 days

II. EXCEPTIONS:

(a) Contract NOS-55517

Exception: Asbestos and rubber

(b) Contract NOS-55518

Exception: Asbestos and rubber

(c) Contract NOS-55519

Exception: Asbestos and Flax

(d) Contract NOS-55522

Exception: Rubber

(e) Contract NOS-55523

Exception: Crude rubber

(f) Contract NOS-55524

Exception: Rubber

III. EXACT LOCATION of manufactured stock and Inspector of Naval Material Inspection:

Contract NOS	Location of Manufactured Stock	Inspector of Nav. Mat.
55517	Painyva, New York	I.N.M. Pittsburgh, Pa.
55518	Marville, N.Y.	I.N.M. New York, N.Y.
55519	Valley Forge, Pa.	I.N.M. Phila. Pa.
55520	2502 46th St., Bklyn. N.Y.	I.N.M. New York, N.Y.
55521	State Road - Levick St. Phila. Pa.	I.N.M. Phila. Pa.
55522	Massillon, Phila. Pa.	I.N.M. Phila. Pa.
55523	Passaic, N.J.	I.N.M. New York, NY.
55524	Trenton, N.J.	I.N.M. Phila. Pa.
55525	Worcester, Mass.	I.N.M. Boston, Mass.
55526	Water St., N.Y.C., N.Y.	I.N.M. New York, NY.
55527	1800 Cuyler Ave., Chicago, Ill.	I.N.M. Chicago, Ill.
55528	Manheim, Penna.	I.N.M. Phila. Pa.
55529	Hamersneck, N.Y.	I.N.M. New York, NY.

GENERAL CONDITIONS.

I. ORDERS:

Orders will be placed by the Supply Officer or Officer-in-Charge of the activity concerned.

II. DELIVERIES:

(a) Delivery to be in accordance with the Conditions Governing Delivery of Supplies to the Navy.

(b) Deliveries to the navy yards and stations in the East may be required to be made to the following places:

To the Supply Officers at the Navy Yards, PORTSMOUTH, N.H. (Kittery, Me.), BOSTON (Charlestown) MASS., BROOKLYN, N.Y., PHILADELPHIA, PA., WASHINGTON, D.C., NORFOLK (Portsmouth) VA., and CHARLESTON, S.C., Naval Torpedo Station, NEWPORT, R.I., Submarine Base, SUBMARINE BASE, CONN., Naval Powder Factory, INDIAN HEAD, MD., Naval Proving Ground, DAHLGREN, VA., Naval Academy, ANNAPOLIS, MD., Naval Air Station, PENSACOLA (Warrington) FLA., and Officer-in-Charge, Naval Supply Depot, Naval Operating Base, SEWALL'S POINT, VA.

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GENERAL CONDITIONS (CONT'D)

(c) Deliveries to the navy yards and stations on the Pacific Coast may be required to be made to the following places:

To the Officer-in-Charge, Naval Supply Depot, SAN DIEGO, CALIF., and to the Supply Officers at the Navy Yards, MARE ISLAND, CALIF., and PUGET SOUND (Bremerton) WASH.,

(d) Delivery to East Coast points is to be made within 30 days and to Pacific Coast points within 45 days from receipt of order, in any desired quantity not exceeding 10 per cent of the estimated quantity under any one order. All contracts provide for delivery, all transportation charges paid, to the places named.

III. ESTIMATES OF QUANTITIES-DURATION OF CONTRACT:

(a) The uncertain and varying needs of the Navy make it impossible to determine the quantity or quantities of the articles and materials described herein that may be required during the period from July 1, 1937, to June 30, 1938. Estimated quantities are stated for information only. It is mutually understood and agreed that the Government will order and the contractor will deliver the quantities of the kinds of articles and materials described in the specifications that in the judgment of the ordering officer may be required during the contract period, except as may be otherwise indicated in the bid. These supplies will be ordered from time to time during the life of the contract in such quantities for delivery at such times and to such places provided for by the contract as the needs of the Naval Service require. Bids are subject to the provision that the total deliveries will not exceed a certain specified amount. It shall be considered that the Government reserves the right to reject any bid which provides that the Government shall guarantee to take any definite quantity.

(b) The prices quoted are to be for delivery at the places named.

(c) All articles and materials shall be packed in strong, sound packages or containers which will prevent deterioration and damage due to ordinary handling, transportation and storage. Each container and package shall be labeled with the maker's name, full trade name of packing and brand. All packages and containers shall be marked or otherwise clearly labeled in large type. Avoid heat or moisture. Packages of rod packings must show the length, diameter, weight of packing.

The various types of packing and specifications with which the packing shall comply, are itemized in the following table:

	Symbol No. (Note 1)	Navy Department Specification	Issue Date	Practical Test Required (Note 2)
Asbestos High Pressure Rod	1100	33-P-16a	8/1/31	Yes
Square Braided Asbestos-Valve Stem	1104	33-P-26(1M)	3/1/37	Yes
Plastic Non-Metallic Rod, Type A, Class I	1105	33-P-25a	2/1/33	Yes
Plastic Non-Metallic Rod, Type B, Class I	1106	33-P-25a	2/1/33	Yes
Flat Rod	1260	33-P-1(1M)	10/15/36	No
Low Pressure Spiral Gland	1300	33-P-12b	7/1/33	No
Hydraulic, Square (Formerly Tucks)	1301	33-P-7(1M)	3/15/37	No
Hydraulic, Rock Hard (Formerly Tucks)	1303	33-P-7(1M)	3/15/37	No
Semi-Metallic Rod (Note 3)	1400	33-P-19b	5/1/33	Yes
Flexible Metallic Condenser Tube	1430	33-P-17(1M)	3/16/37	Yes
Plastic Metallic Rod, Type A, Class I	1451	33-P-25a	2/1/33	Yes
Plastic Metallic Rod, Type D, Class I	1452	33-P-25a	2/1/33	Yes
Plastic Metallic Rod, Type B, Class I	1453	33-P-25a	2/1/33	Yes
Plastic Metallic Rod, Type C, Class I	1454	33-P-25a	2/1/33	Yes
Flexible Metallic Condenser Tube	1455	33-P-15b	1/2/37	Yes
Compressed Asbestos Sheet	2150	33-P-13b	11/1/32	Yes
Asbestos Metallic Cloth Sheet	2151	33-P-2c	3/1/33	No
Plant Fibre Sheet	2290	33-P-22(1M)	3/19/37	Yes
Rubber Sheet, Cloth Insertion	2353	33-P-8(1M)	3/17/37	No
Rubber Sheet, Wire Insertion	2354	33-P-10(1M)	3/18/37	No
Semi-Metallic for Stern Tubes	1405	(Note 4)	-----	Yes
Cable Stuffing Tube	-----	(Note 5)	-----	Yes

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(NOTE 1) The Symbol numbers shown are for Naval identification purposes. For all rod packings, the symbol number shall be printed or stamped on the label of each package; For all sheet packing the symbol number shall be branded on the sheet.

(NOTE 2) Award under items subject to specifications and practical test is made from a list of acceptable brands of packing, the quality of which has been proved to the satisfaction of the Navy Department, by test or by actual use in service as noted in another paragraph of the schedule headed "Acceptable Packings." Award of certain rod packings will be made to the bidder whose packings show the lowest cost per hour of service, as noted in another paragraph of the schedule headed "Awards".

(NOTE 3) When specifically requested, a cotton fabric member shall be substituted for the asbestos-cloth member required by Paragraph E-1 of the specification.

(NOTE 4) Semi-metallic packing for Stern Tubes shall be made of metal foil, metal ribbons or metal particles in combination with flax packing and shall conform to the construction and composition of the same submitted for approval of brand. The finished packing shall be lubricated with a mixture of graphite and light mineral oil. Packing larger than 5/16-inch shall be furnished in coils containing 25-feet. Packing 3/4-inch and smaller shall be furnished in spirals containing 10 feet.

(NOTE 5) Cable stuffing tube packing is composed of two parts, Part A and Part B. Part A shall be composed of asbestos rovings, braided square and treated with a waterproofing compound. Part B shall be composed of organic matter, graphite and lubricant in plastic condition in coil form enclosed in a cotton lattice jacket. Both parts shall be capable of withstanding the following test conditions: prevent leakage of water, air or gas at atmospheric to 25-pounds gage pressure, with a temperature of 200-degrees Fahrenheit for 1,000 hours without hardening, softening or deterioration and shall have no deleterious effect upon plain or armored cable.

V. ACCEPTABLE PACKINGS:

For asbestos high pressure rod, square braided asbestos valve stem, compressed asbestos fiber, plant fiber sheet, semi-metallic rod, flexible metallic rod packings, semi-metallic for stern tubes, plastic rod and flexible metallic for condenser tubes, and cable stuffing tube packing, the following will

be reserved to reject any brand or brands of packing, as specified above, which have not been subjected to the required tests and found satisfactory. The attention of manufacturers is called to this requirement, and they are urged to forward samples of the article which they propose to offer to the Navy in the future in order that tests may be made. These tests will be conducted at the expense of the manufacturers. Information with reference to the expense involved and as to where the samples should be sent will be supplied upon application to the Bureau of Supplies and Accounts. It is understood that the manufacturer shall pay all transportation charges to and from the point where tests are made.

In case of failure of the sample to prove satisfactory, consideration will be given to the request of the manufacturers for additional tests only after it has been clearly shown that changes have been made in the product with reference to design, method of manufacture, etc., which the Bureau concerned considers sufficient to warrant conducting such additional tests.

New tests cannot be made on those lots covering high-pressure spiral rod, valve stem, compressed asbestos fiber, plant fiber sheet, semi-metallic rod, flexible metallic rod, flexible metallic for stern tubes, plastic rod and flexible metallic for condenser tube packings before making award, as tests require from 8 to 10 months time.

VI. QUANTITY PURCHASE ON ACCOUNT

The contractor shall agree that each delivery of packings will be satisfactory in every respect and entirely suitable for the special requirements of the naval service. In case packings are rejected as not satisfactory, or in case packings are shown to be unsatisfactory, or not suitable in every respect for the special purposes required, the Government shall have the right, at its option, either to require the contractor to replace, free of charge, an equal quantity of satisfactory packing or to require him to refund the purchase price of the unsuitable delivery. In case the contractor fails to fulfill, in a satisfactory manner, the conditions of the contract in every respect, the right is further reserved to purchase in the open market for the contractor's account such packings which may still be due to be delivered during the contract period.

VII. CANCELLATION OF CONTRACT

The right is reserved to cancel any contract, at the option of the Government, for any or all yards, for any or all packings included therein, and at any time during the existence of the contract, upon 30 days notice to the contractor, if to the interests of the Government to do so.

Failure to make deliveries as specified, or to answer inquiries with regard to orders placed under a contract, will be considered sufficient cause for cancellation of a contract. It will be clearly understood that when actual use in service of packings delivered shows that the contractor is evidently supplying unsatisfactory packings, or that deliveries have been made of materials inferior to those specified or inferior to samples previously submitted and found acceptable, all such unsatisfactory packings as remain on hand unused may be returned to the contractor at his expense.

VIII. DELIVERIES:

All material for Naval Torpedo Station, Newport, R.I., shall be delivered to any freight depot in Newport, R.I., consigned to the Supply Officer, Naval Torpedo Station, NEWPORT, R.I.

The Naval Training Station, Newport, R.I., is two miles from the railroad station and steamship dock in Newport, R.I. All shipments are completed by dray. Drayage charges are assessed and drayage services must be arranged for and payment made by contractors.

Deliveries for the Navy Yard, Brooklyn, N. Y., shall be made as follows:

Shipments via water carriers shall be consigned to Supply Officer, Building No. 3, Navy Yard, Brooklyn, N.Y. Drayage charges are assessed from steamship dock in Port of New York and drayage service must be arranged for and payment made by contractors.

Shipments via rail carriers, in carload lots, should be consigned to Supply Officer, Building No. 3, Navy Yard, Brooklyn, N.Y., via Market Terminal, Wallabout, Brooklyn Eastern District Terminal. Less than carload lots should be consigned to Supply Officer, Building No. 3, Navy Yard, Brooklyn, N.Y., to nearest railroad terminals, from which points drayage services must be arranged for and payments made by the contractors.

If material is not routed as above, but is delivered by lighter or barge, the tariff charge assessed by the railroads, for unloading materials from the railroad company's lighter or barge to the docks at the Navy Yard, Brooklyn, N.Y., is payable by the shipper as a part of the transportation costs.

All material for Washington, D.C., shall be delivered to WHITE PLAINS, MD., Indian Head Siding, marked for Supply Officer, Naval Powder Factory, Indian Head, Md.

Deliveries for the Navy Yard, Charleston, S.C., shall be made as follows:

Carload shipments must be delivered to the Navy Yard, a private station seven miles from the City of Charleston. Less than carload shipments must be delivered to the freight terminal, Charleston, S.C. Transfer to the Navy Yard from the freight terminal will be arranged by the Government.

Deliveries for the NAVAL AIR STATION, PENSACOLA (Varrington) FLA., shall be made as follows:

Carload shipments for the Naval Air Station, Pensacola (Varrington) Fla., from A Street, Pensacola, to the north end of the Bayou Grande trestle, and for Corry Flying Field, West Pensacola, Fla., from A Street, Pensacola, to Corry Flying Field, are handled by the St. Louis-San Francisco Railway Company. No switching charges are applicable except that a switching charge, payable by the shipper, in addition to the tariff rate to Pensacola, is assessed on all carload shipments originating at a non-competitive point served only by the Louisville and Nashville Railroad Company. Carload shipments between the north end of the Bayou Grande trestle and the Naval Air Station are handled by the Government.

Less than carload shipments must be drayed from Pensacola to the Naval Air Station, a distance of approximately nine miles, by private transfer companies, charges payable by the contractor. Prearrangement for drayage is not necessary, as the shipments are handled automatically upon arrival at Pensacola and the contractor is billed direct by the delivery transfer company.

Deliveries for the NAVAL SUPPLY DEPOT, SAN DIEGO, CALIF., shall be made as follows:

Carload rail shipments must be delivered to the Naval Supply Depot, San Diego. All less than carload shipments and carload water shipments must be delivered to the freight station, San Diego, transfer to the Naval Supply Depot, will be arranged by the Government.

IX. INSPECTION:

Inspection will be made at place of manufacture as directed by the Bureau of Engineering.

All physical tests required by the specifications will be made at the works of the manufacturer on samples selected by the inspector. The manufacturer will supply the necessary facilities and labor to make all physical tests.

The process of manufacture shall be subject to Government inspection at all times.

UNSUITABLE PACKINGS

If the packings under any contract covered by this schedule are not considered by the commandant or officer in charge suitable for the purposes of the Torpedo Station, Newport, R.I., Navy Yard, Washington, D.C., and the Naval Proving Ground, Indian Head, Md., the Government reserves the right to purchase such other packings as may be desired and will be suitable for such special purposes.

AT BUREAU OF ENGINEERING NOTES ON CONTRACT PACKINGS

(a) Vessels may obtain any contract packings by means of "not-in-excess" Engineering requisitions, provided the materials are for use under the Bureau of Engineering and not under Construction and Repair or Ordnance (See instructions on page 112, Engineering Allowance Book, 1917 and 1918 editions).

(b) Care should be taken to ascertain that the proper packing is used for a particular service. See chapter 12, Manual of Engineering Instructions.

(c) Due to compression in stuffing boxes, more of the soft than of the hard packing is required for the same purpose.

(d) Packers cut from wire insertion rubber sheet (Symbol 2354) Cloth insertion rubber sheet (Symbol 2355) and asbestos metallic cloth sheet (Symbol 2151) are relatively expensive. In lieu thereof users should substitute compressed asbestos sheet packing wherever possible as it is cheaper and equally as effective for most applications.

(e) Rod packings in such sizes as 7/16, 9/16, 1 1/16, etc. (all 1/16 inch sizes above 5/8 inch) are seldom necessary. Orders for such rod sizes should be avoided using plastic metallic packing in either the solid or flange and the rod size specified is not necessary.

(f) For use in stuffing boxes, plastic metallic rod packings (Symbol 1451) should be used for steam and hot water, and for ordinary rods and for liquids, such as water, oil, etc. Use flexible plastic metallic rod packing (Symbol 1450) or plastic metallic rod packing (Symbol 1451). The latter packing may be used in bulk or in convenient coil form.

(g) Packings containing rubber deteriorate slowly in store, and nearly all packings will be injured when stored where there is relatively high temperature or extensive moisture.

(h) Unsatisfactory contract packings. In all cases where packings are found to be unsatisfactory, a sample of the used and unused packing, with complete data, should be forwarded to the Bureau of Engineering. Give trade name, size when and from whom received, where and how long packing was used, and how it failed. Compressed asbestos sheet packing (Symbol 2150) should have the date stamped upon it, if possible. Each sheet of other packings received has the date stamped on opposite corners of the branded side.

NOTE

Under no circumstances should packings be ordered by officers on vessels, etc., from the contractors, but they should be obtained in the usual manner by requisition on the Supply Officers at the various Navy Yards and Stations. If the contract packing desired is not in stock or is a new type it will be obtained by the Supply Officer.

CHARLES CONARD
Paymaster General of the Navy