USDA COMMODITY REQUIREMENTS

DPP6
DEHYDRATED POTATO PRODUCTS
FOR USE IN EXPORT PROGRAMS

Effective Date: **03/06/12**

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Part 1 COMMODITY SPECIFICATIONS

Section 1.1 DEHYDRATED POTATO PRODUCTS REQUIREMENTS

A. Quality of Dehydrated Potato Products

(1) The dehydrated potato products shall meet the requirements as specified in the Commercial Item Description (CID) for potatoes, white, dehydrated, A-A-20032F, dated December 20, 2002, which is available at http://www.ams.usda.gov/AMSv1.0/getfile?dDocName=STELDEV3006936 . Applicable sections of the CID will be for Type II – Mashed (precooked, rapid rehydrating), Styles A, B, C, and E; and Type VI.

(2) The potato products delivered shall have been packed during the latest season's pack or crop year.

(3) The solicitation shall specify the type, style and sizes of dehydrated potatoes.

B. Fortification

Fortification of Vitamin A, iodine, or other micronutrient shall be when specified in the solicitation.

Section 1.2 QUALITY ASSURANCE

A. The contractor shall perform the product sampling and quality analysis to ensure that the product meets the commodity specifications. The results shall be evidenced by a Certificate of Analysis (COA). Copies of the original COA must be submitted as part of the invoice package. The COA shall provide the results of all tests for the factors listed in Section 6.1 of the Commercial Item Description A-A-20032F. If the product delivered by the contractor has any factor that falls within the discount table located in Section 1.3, those factors shall be identified by an asterisk on the copies of the COA.

B. Contractors shall notify the Government immediately of lots that fail to meet contract requirements.

Section 1.3 QUALITY DISCOUNTS

If a lot fails to meet these specifications with respect to sulfur dioxide and/or defects; but is acceptable under the following schedules, the contractor may tender such lot for delivery to the Government. The Government will then, at its option, accept the lot and the contract price shall be reduced in accordance with the following schedule:

Type of Deficiency	Test Results	Discounted Contract Price
Type II Mashed, Style A Granules (Average of specks on the surface of the product in 100 mm circle)	66 thru 70	$0.01/lb.
	71 thru 80	$0.02/lb.
	81 or more	Unacceptable

Type II Mashed, Flakes (Average discolorations and peel [Style B] per 100 grams. Defects are counted specs measuring over 1/16inch in any dimension.)	16 thru 20	$0.01/lb.
	21 thru 25	$0.02/lb.
	26 or greater	Unacceptable
Sulfur Dioxide	501 ppm or more	Fails/rejected
	100 – 199 ppm	$0.01 per pound
	50 – 99 ppm	$0.02 per pound
	0 – 49 ppm	Fails/rejected

Part 2 CONTAINER AND PACKAGING REQUIREMENTS

Section 2.1 GENERAL

This part provides the container specifications and packaging materials requirements used under this contract. The solicitation will determine the type and weight of bag to be utilized.

Section 2.2 CONTAINERS AND MATERIALS

A. All containers and packaging shall be constructed to meet the requirements of the Food and Drug Administration (FDA) for safe contact with the packaged product. The contractor shall obtain and maintain documentation from the container or packaging material manufacturer to verify that the containers and packaging materials used in this contract were in compliance with the Government's regulatory requirements for safe contact with food products as required in the Master Solicitation, Part 3, Section A, Number 3.

B. Questions concerning the containers and materials should be directed to:

USDA/FSA/DACO
Room 5756 – South Bldg, STOP 0551
1400 Independence Avenue SW
Washington, DC 20250-0551
ATTN: Packaging

C. If the contractor purchases packaging and container ingredients from a foreign country and/or the package and container is manufactured in a foreign country, the package and container SHALL NOT display country of origin labeling. Phrases similar to but not limited to, "Made in [Name of Foreign Country.]" or "Product of [Name of Foreign Country.]" are strictly prohibited.

Section 2.3 GENERAL PACKAGING

A. Container and packaging requirements for commercial products are those used in current commercial shipping practices for international distribution.

B. Bags shall be closed by expelling as much air as practical.

C. Any product packaged in shipping containers shall be marked to show the safe stacking height.

D. Bottom and top shall be closed to provide a tight seal.

E. The bag shall be capable of being printed with the information required.

F. Bags shall be manufactured to provide a tight seal designed to remain closed throughout the distribution system. Adhesives used in manufacture of bags must meet all Food and Drug Administration requirements for safe use in food packaging. Starch-based adhesives are not to be used.

G. Some bag designs in use for dehydrated potato packaging include Pinch top, block bottom bags; Pinch top, pinch bottom, flat tube bags.

H. The packaging and containers must sufficiently protect the commodity from exposure to the elements throughout the distribution system, including in-country storage, which routinely involves numerous and rugged handlings and extremes in temperature and humidity levels. It is important to note that commodity vendors are held responsible for commodity losses due to packaging or container failures, at the contracted price plus the costs associated with resolving problem situations including commodity disposal and freight costs.

Section 2.3.1 SPECIFIC PACKAGING

A. Potato Flakes:

(1) Packaging of Dehydrated Potato Products in 20 kg bags and in containers produced in accordance with a performance test criteria specified below.

B. Potato Granules:

(1) Potato granules may be packaged in smaller pack sizes (such as 1.36kg pouches) and then packed ten per shipping carton. Granules packaged in this way are always to be containerized for protection during international distribution.

Section 2.4 PERFORMANCE TEST PROCEDURES

Potato Flakes:

A. All bags shall be capable of withstanding the following performance test for impact resistance:

(1) Ten filled and sealed bags shall each survive a single drop test on the butt and side on a shock machine that produces for each test a velocity change of 195 inches per second using a shock duration of .002 seconds without loss of product.

(2) Testing shall be conducted under standard temperature (73.4^{o}F plus or minus 1.8^{o}F) and relative humidity (50% plus or minus 2%) conditions.

(3) Filled bags shall be placed in the conditioned atmosphere for sufficient time before the tests are conducted for the bag materials to reach equilibrium.

(4) Bags submitted under this performance specification shall conform to all other applicable material, construction, and performance specifications.

B. Potato Granules:

(1) The performance test procedures for larger bags outlined above will not apply to this packaging construction, however successful test results (International Safe Transit Association (ISTA) series 2A to include compression, shock and vibration) from a packaging lab are required.

C. <u>Test Laboratories</u>

Independent or private laboratories known to be capable of conducting the shock machine test described above are as follows:

Michigan State University School of Packaging East Lansing, MI 48824-1223 (517) 355-9580 http://packaging.msu.edu/	Lansmont Corporation 1287 Reamwood Sunnyvale, CA 94089 (408) 734-9724 Lansmont Corporation 6539 Westland Way, Suite 24 Lansing, MI 48917 (888) 526-7666

	www.lansmont.com
Rutgers University Packaging Science and Engineering Dept. P.O. Box 909 Piscataway, NJ 08854 (201) 932-3679	Ten-E Packaging Services, Inc. 1666 County Road 74 Newport, MN 55055 (651) 459-0671 www.ten-e.com

PART 3 MARKING REQUIREMENTS

Section 3.1 MARKINGS

A. The bags shall be marked in the color specified in the markings exhibits. Any markings not shown on the exhibits shall be printed in blue. When printed on the bag, the colors blue and red shall match the Pantone Matching System (PMS) chart numbers 280 and 200, respectively, to the extent practicable.

B. All dimensions are approximate. Unless otherwise specified, all characters shall be in normal block print.

C. The US Flag shall be 5 inches high and 9 inches in total width, on the front and back of the applicable bag, see exhibits.

D. The letters USA shall be Univers black (75) oblique, or Helvetica extra bold with 70% scaling and -70 tracking or equivalent to match the style as shown in the exhibits. The letters USA shall be 4 3/4 inches high and 9 3/4 inches in total width. The three stripes adjacent USA shall be 1 inch high and must extend to the edge of the panel.

E. The USAID vertical identity, including the logo, brand name, and tagline, shall be printed in the same style as shown in the markings exhibits, sized approximately 7 ½ inches high and 9 3/8 inches in total width. The USAID logo shall be 4 ¼ inches in diameter. The USAID brand name shall be 2 inches in height. The tagline "FROM THE AMERICAN PEOPLE" shall be ½ inches in height, see exhibits. The USAID vertical logo is available to download at http://www.usaid.gov/branding/downloadsweb.html.

F. The USDA logo shall be 4 ½ inches high and 6 ½ inches in total width, see exhibits.

G. The commodity name shall be 1 1/4 inch print. Immediately below the commodity name on the front and back panels, insert additional commodity

description in 5/8 inch print, if applicable.

H. The contract number and the statement "NOT TO BE SOLD OR EXCHANGED" shall be 5/8 inch print. The net weight, bag dimensions, and the Standard Marking Requirements (SMR) or Language Marking Requirements (LMR) number shall be centered at the bottom of the bag in 1/2 inch print. See exhibits. The contractor shall obtain a waiver, in writing, from the Government to print the contract number using on-line printing on filled bags.

I. The letters or symbols used in the language markings for LMR-1, LMR-3 and LMR-4, LMR-5, LMR-7, and LMR-8 should be sized approximately 1 5/8 inches. The language markings for LMR-2 and LMR-6 should be sized to fit. See exhibits.

J. Lot numbers, production codes or any other means of identification required to meet the traceability requirement shall be printed as small as possible, yet legible.

K. Gussets. The USAID identity shall be 2 ¾ inches in height and 8 ½ inches in total width and be printed in both gussets. The letters USAID shall be 1 ¾ inches high and the tagline 'FROM THE AMERICAN PEOPLE' shall be 3/8 inches high, as shown in applicable exhibits.

L. Gussets. The letters USA shall be 3 inches in height and be printed in both gussets, as shown in applicable exhibits.

M. Bag Closure Guide Location Bars (BCGL) shall be printed on the front panel of all multi-wall paper bags, as shown in the exhibits. The BCGL bars shall be plainly visible, approximately one inch in length, printed in blue in two parallel rows evenly spaced over the entire width of the bag. The BCGL bars are to be used as visual quality control verification. Visually identifying two bars or no bars on the bag would indicate a bag closure failure. Visually identifying one bar would indicate a proper bag closure. (Exhibits A & B)

Section 3.2 MARKING DESCRIPTIONS

The Government shall furnish required markings within two business days after the date of the contract. The procurement of containers should be deferred for at least two business days after the date of the contract.

The following standard marking requirements may be requested under the contract:

<u>Standard Marking Requirement #1 (SMR-1)</u>
USAID – Distribution
Front: US Flag, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USAID logo, contract number, net weight, dimensions, "SMR-1". See exhibit SMR-1, front.
Back: Identical. See exhibit SMR-1, back.

Standard Marking Requirement #2 (SMR-2)
FAS - Distribution
Front: USA with stripes, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USDA logo, contract number, net weight, dimensions, “SMR-2”. See exhibit SMR-2, front.
Back: Identical. See exhibit SMR-2, back.

Standard Marking Requirement #3 (SMR-3)
USAID – Monetization
Front: US Flag, the commodity name, USAID logo, contract number, net weight, dimensions, “SMR-3”. See exhibit SMR-3, front.
Back: Identical. See exhibit SMR-3, back.

Standard Marking Requirement #4 (SMR-4)
FAS or USAID - Monetization
Front: USA with stripes, the commodity name, contract number, net weight, dimensions, “SMR-4”. See exhibit SMR-4, front.
Back: Identical. See exhibit SMR-4, back.

Language Marking Requirement #1 (LMR-1)
USAID – Distribution for North Korea
Front: US Flag, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED,” USAID logo, contract number, net weight, dimensions, and “LMR-1.”. See exhibit LMR-1, front.
Back: US Flag, the commodity name, North Korean language panel, and “LMR-1” only. See exhibit LMR-1, back.

Language Marking Requirement #2 (LMR-2)
USAID – Distribution for Afghanistan, with Pashtu and Dari
Front: US Flag, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED,” USAID logo, contract number, net weight, dimensions, and “LMR-2.” See exhibit LMR-2, front.
Back: US Flag, the commodity name, Pashtu and Dari language panel, and “LMR-2” only. See exhibit LMR-2, back.

Language Marking Requirement #3 (LMR-3)
USAID – Distribution for South Africa Region
Front: US Flag, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED,” USAID logo, contract number, net weight, dimensions, and “LMR-3.” See exhibit LMR-3, front.
Back: US Flag, the commodity name, English language panel, and “LMR-3” only. See exhibit LMR-3, back.

Language Marking Requirement #4 (LMR-4)
USAID – Distribution for Iraq with Arabic
Front: US Flag, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USAID logo, contract number, net weight, dimensions, and "LMR-4." See exhibit LMR-4, front.
Back: US Flag, the commodity name, Arabic language panel, and "LMR-4" only. See exhibit LMR-4, back.

Language Marking Requirement #5 (LMR-5)
FAS – Distribution for North Korea
Front: USA with stripes, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USDA logo, contract number, net weight, dimensions, and "LMR-5." See exhibit LMR-5, front.
Back: USA with stripes, the commodity name, North Korean language panel, and "LMR-5" only. See exhibit LMR-5, back.

Language Marking Requirement #6 (LMR-6)
FAS – Distribution for Afghanistan, with Pashtu and Dari
Front: USA with stripes, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USDA logo, contract number, net weight, dimensions, and "LMR-6." See exhibit LMR-6, front.
Back: USA with stripes, the commodity name, Pashtu and Dari language panel, and "LMR-6" only. See exhibit LMR-6, back.

Language Marking Requirement #7 (LMR-7)
FAS – Distribution for South Africa Region
Front: USA with stripes, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USDA logo, contract number, net weight, dimensions, and "LMR-7." See exhibit LMR-7, front.
Back: USA with stripes, the commodity name, English language panel, and "LMR-7" only. See exhibit LMR-7, back.

Language Marking Requirement #8 (LMR-8)
FAS – Distribution for Iraq with Arabic
Front: USA with stripes, the commodity name, the words "NOT TO BE SOLD OR EXCHANGED," USDA logo, contract number, net weight, dimensions, and "LMR-8." See exhibit LMR-8, front
Back: USA with stripes, the commodity name, Arabic language panel, and "LMR-8" only. See exhibit LMR-8, back.

Section 3.3 EMPTY BAG DIMENSIONS

A. All bags shall be marked with the empty dimensions as follows:

Gusseted Bags	Face Width X Gusseted Width X Finished Length

Flat Tube Bags	Face Width X Finished Length

B. The bag dimensions shall be centered at the bottom of the bag, as small as possible, yet legible.

Section 3.4 CONTAINERS WITH INCORRECT MARKINGS

A. Any labels, bags, cans, can lids, cases, or any other type of packaging (hereinafter referred to as "containers") displaying incorrect markings may be used under a Government contract provided that the incorrect markings are obliterated and correct markings are applied in a permanent manner with approval of the contracting officer.

B. The appearance of containers in commercial or other channels either filled or unfilled bearing markings identifying the containers as part of a Government contract may cause the Government expense in determining whether commodities have been diverted from authorized use and in answering inquiries. The contractor shall take all necessary action to prevent the appearance in commercial or other channels of containers and container materials bearing any markings required under a Government contract, including those held by the contractor or others; e.g., overruns, misprints, etc. The contractor shall ensure that any container from a Government contract that appears in commercial or other channels shall have all markings required under this contract permanently obliterated.

SMR-1 FRONT

SMR-1 BACK

SMR-2 FRONT

USA

DEHYDRATED
POTATO FLAKES

NOT TO BE SOLD OR EXCHANGED

USDA

CONTRACT ABCD01234

NET WEIGHT: 20 kg, 44.092 lbs.

18 x 5 x 41

SMR-2

USA

SMR-2 BACK

USA

DEHYDRATED
POTATO FLAKES

NOT TO BE SOLD OR EXCHANGED

USDA

CONTRACT ABCD01234

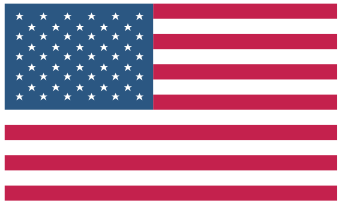
NET WEIGHT: 20 kg, 44.092 lbs.

18 x 5 x 41

SMR-2

USA

SMR-3 FRONT



DEHYDRATED POTATO FLAKES

NOT TO BE SOLD OR EXCHANGED

USAID
FROM THE AMERICAN PEOPLE

CONTRACT ABCD01234

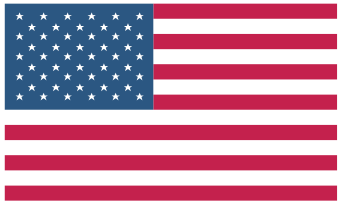
NET WEIGHT: 20 kg, 44.092 lbs.

18 x 5 x 41

SMR-3

USAID
FROM THE AMERICAN PEOPLE

SMR-3 BACK



DEHYDRATED POTATO FLAKES

USAID
FROM THE AMERICAN PEOPLE

CONTRACT ABCD01234

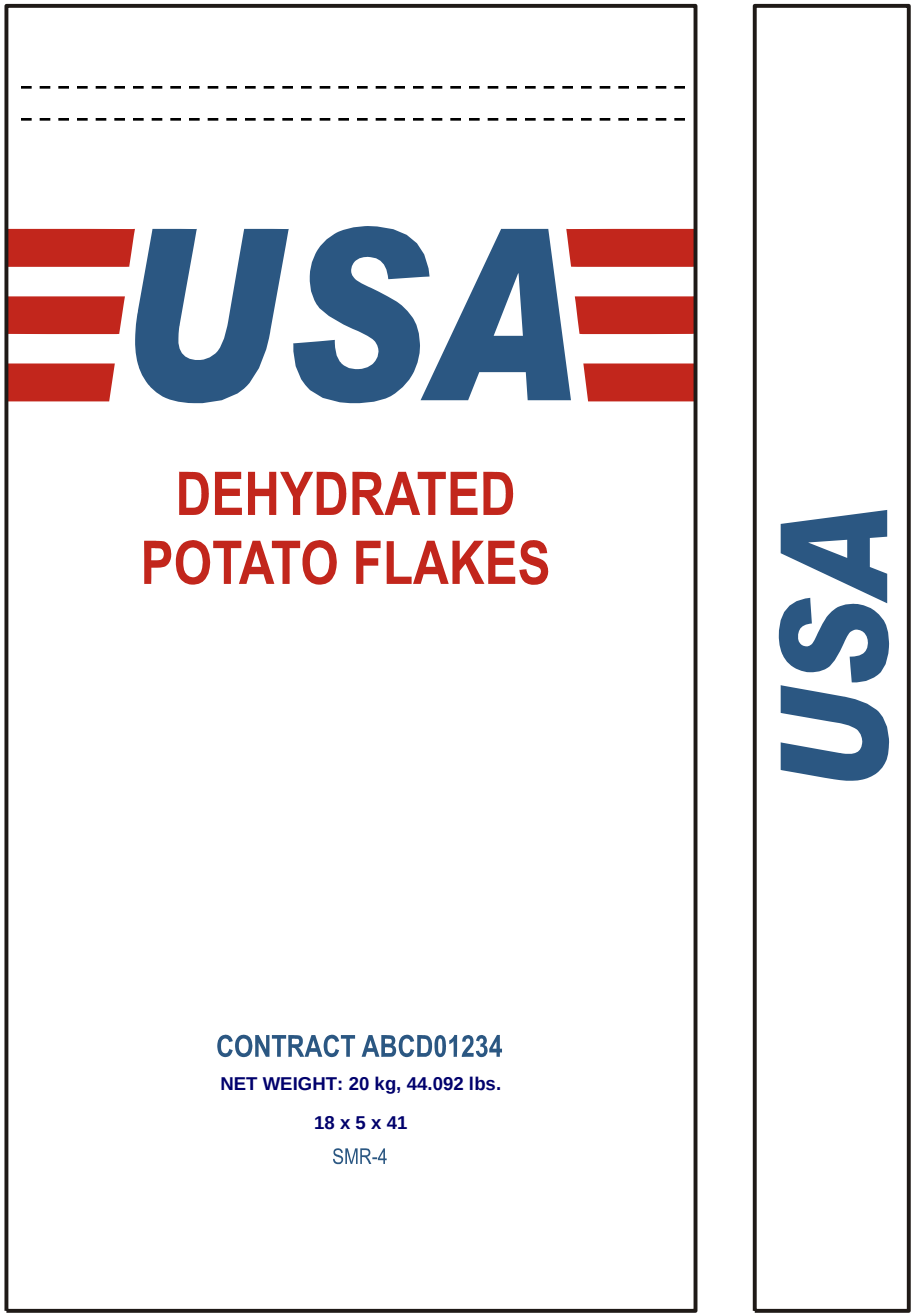
NET WEIGHT: 20 kg, 44.092 lbs.

18 x 5 x 41

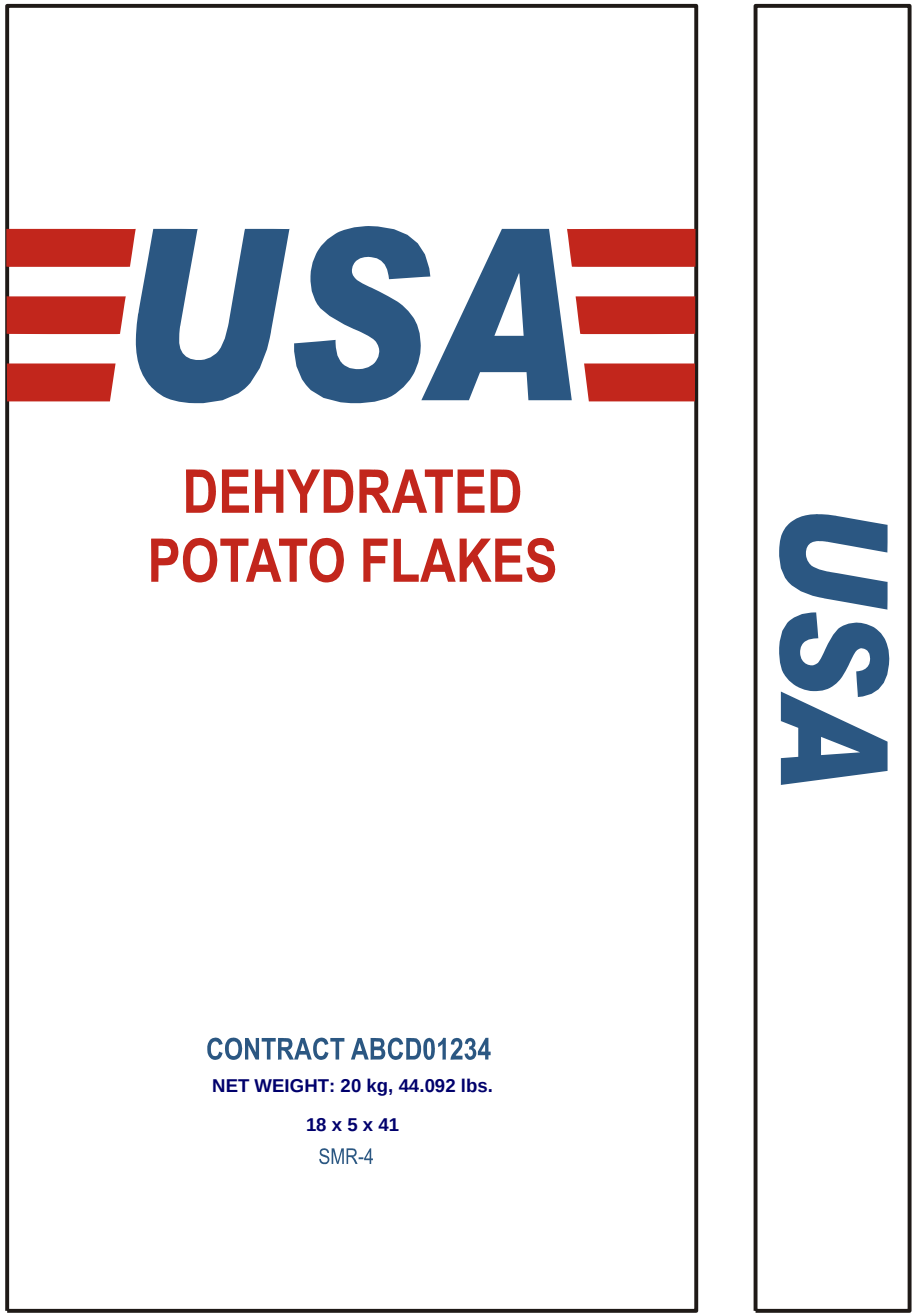
SMR-3

USAID
FROM THE AMERICAN PEOPLE

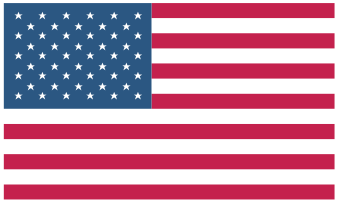
SMR-4 FRONT



SMR-4 BACK



LMR-1 FRONT



DEHYDRATED POTATO FLAKES

NOT TO BE SOLD OR EXCHANGED

USAID
FROM THE AMERICAN PEOPLE

CONTRACT ABCD01234

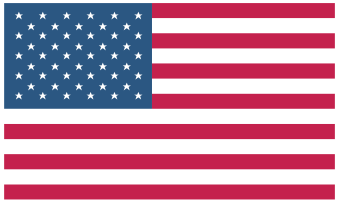
NET WEIGHT: 20 kg, 44.092 lbs.

18 x 5 x 41

LMR-1

USAID
FROM THE AMERICAN PEOPLE

LMR-1 BACK



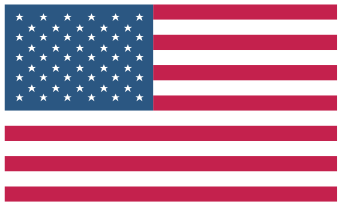
DEHYDRATED POTATO FLAKES

미국에서
보내온 선물

LMR-1

USAID
FROM THE AMERICAN PEOPLE

LMR-2 FRONT



DEHYDRATED POTATO FLAKES

NOT TO BE SOLD OR EXCHANGED

UNITED STATES AGENCY INTERNATIONAL DEVELOPMENT USAID

USAID
FROM THE AMERICAN PEOPLE

CONTRACT ABCD01234

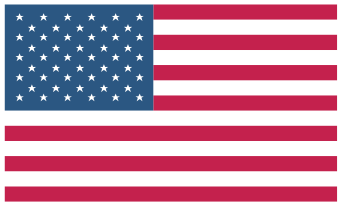
NET WEIGHT: 20 kg, 44.092 lbs.

18 x 5 x 41

LMR-2

USAID FROM THE AMERICAN PEOPLE

LMR-2 BACK



DEHYDRATED POTATO FLAKES

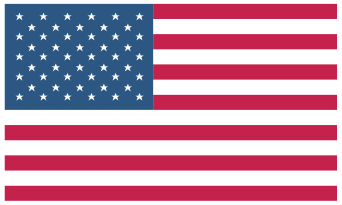
د امریکا د متحده ایالاتو
د خلکو سوغات

تحفهء مردم
ایالات متحده امریکا

LMR-2

USAID FROM THE AMERICAN PEOPLE

LMR-3 FRONT



DEHYDRATED POTATO FLAKES

NOT TO BE SOLD OR EXCHANGED

USAID
FROM THE AMERICAN PEOPLE

CONTRACT ABCD01234

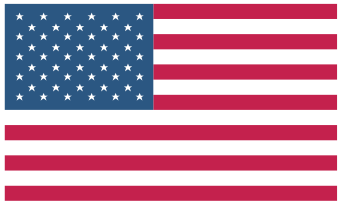
NET WEIGHT: 20 kg, 44.092 lbs.

18 x 5 x 41

LMR-3

USAID
FROM THE AMERICAN PEOPLE

LMR-3 BACK



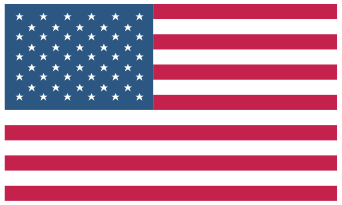
DEHYDRATED POTATO FLAKES

Gift of the People of the United States of America

LMR-3

USAID
FROM THE AMERICAN PEOPLE

LMR-4 FRONT



DEHYDRATED POTATO FLAKES

NOT TO BE SOLD OR EXCHANGED

USAID
FROM THE AMERICAN PEOPLE

CONTRACT ABCD01234

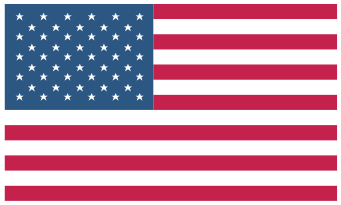
NET WEIGHT: 20 kg, 44.092 lbs.

18 x 5 x 41

LMR-4

USAID
FROM THE AMERICAN PEOPLE

LMR-4 BACK



DEHYDRATED POTATO FLAKES

هدية من
الشعب الأمريكي

LMR-4

USAID
FROM THE AMERICAN PEOPLE

LMR-5 FRONT

LMR-5 BACK

LMR-6 FRONT

LMR-6 BACK

LMR-7 FRONT

USA

DEHYDRATED
POTATO FLAKES

NOT TO BE SOLD OR EXCHANGED

USDA

CONTRACT ABCD01234

NET WEIGHT: 20 kg, 44.092 lbs.

18 x 5 x 41

LMR-7

USA

LMR-7 BACK

USA

DEHYDRATED
POTATO FLAKES

Gift of the People of the
United States of America

LMR-7

USA

LMR-8 FRONT

USA

DEHYDRATED
POTATO FLAKES

NOT TO BE SOLD OR EXCHANGED

USDA

CONTRACT ABCD01234

NET WEIGHT: 20 kg, 44.092 lbs.

18 x 5 x 41

LMR-8

USA

LMR-8 BACK

USA

DEHYDRATED
POTATO FLAKES

هدية من
الشعب الأمريكي

LMR-8

USA

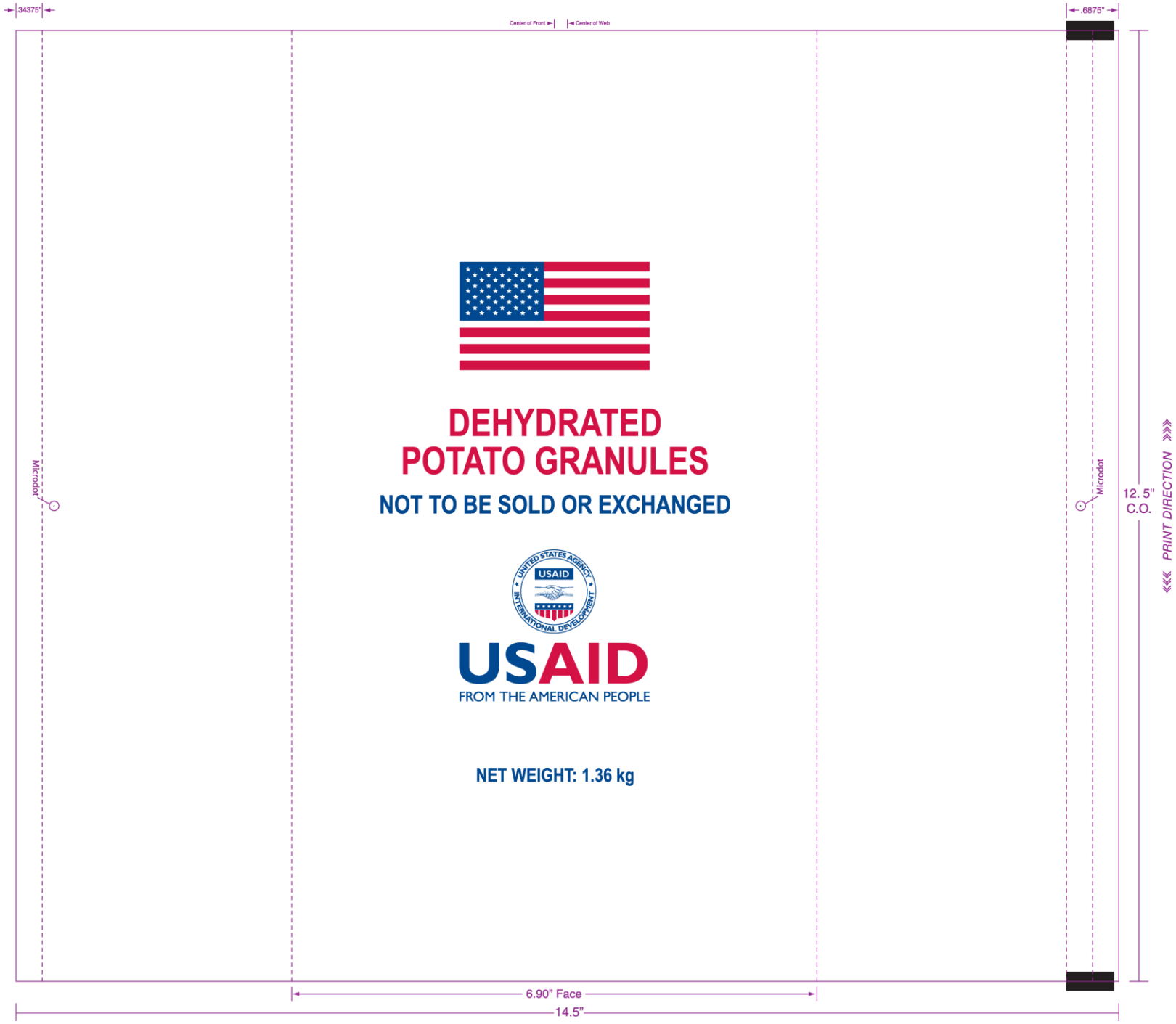
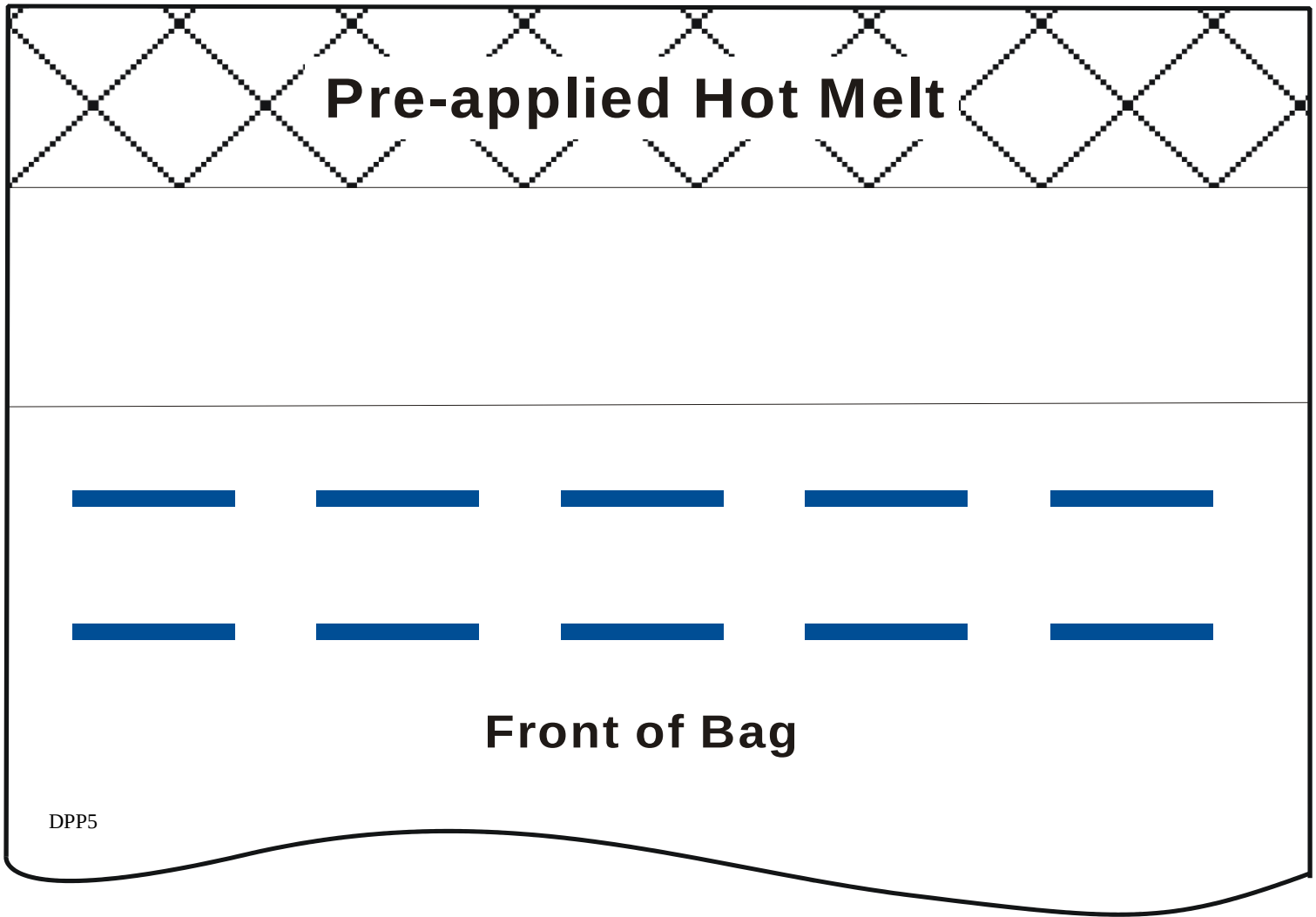

.34375"
Center of Front
Center of Web
.6875"
Microdot
Microdot
12.5"
C.O.
PRINT DIRECTION
DEHYDRATED
POTATO GRANULES
NOT TO BE SOLD OR EXCHANGED
USAID
FROM THE AMERICAN PEOPLE
NET WEIGHT: 1.36 kg
6.90" Face
14.5"

Exhibit A

Bag Closure Guide Location