CITY OF TRENTON, NEW JERSEY

MERCER COUNTY COOPERATIVE CONTRACT PURCHASING SYSTEM AGREEMENT

RESOLUTION NO. 14-698

This Agreement, entered into this 19TH Day of DECEMBER between the City of Trenton, a municipal corporation of the State of New Jersey, (319 EAST STATE STREET), 08608 MORTON SALT INCORPORATED, 2625 BUTTERFIELD ROAD, SUITE 208E, OAKBROOK, ILLINOIS 60523 (Contractor”), witnesseth that:

WHEREAS, Contractor has bid, proposed or offered to furnish and deliver to the City the materials, supplies and/or goods to perform the services described below on an as needed basis at a cost per ton delivered of $70.13 and cost per ton pick-up at $70.00 in amount to to exceed $200,000.00 beginning December 18, 2014 through June 30, 2015.

NOW, THEREFORE, in consideration of the premises and of the payment by the City to Contractor.

FIRST, Contractor, under the penalty expressed in the bond hereinafter mentioned, will furnish, supply and deliver to the City of Trenton the following materials, supplies or services as authorized by:

RESOLUTION AUTHORIZING THE FURNISHING AND DELIVERY OF TREATED SALT FOR THE CITY OF TRENTON FROM MORTON SALT INCORPORATED, 2625 BUTTERFIELD ROAD, SUITE 208E, OAKBROOK, IL 60523 IN CONJUNCTION WITH THE COUNTY OF MERCER COUNTY CO-OPERATIVE CONTRACTING PRICING SYSTEM AGREEMENT ON AN AS NEEDED BASIS FROM DECEMBER 18, 2014 THROUGH JUNE 30, 2015 AT A COST PER TON DELIVERED OF $70.13 AND COST PER TON PICK-UP AT $70.00 IN AN AMOUNT NOT TO EXCEED $200,000.00

RESOLUTION NO. 14-698

in strict accordance with the terms and conditions of the bid specifications, the bid response and the authorizing resolution, which are included above and is incorporated by reference. Additionally, Contractor will furnish good and ample security in a sum equal to the said contract price for the said articles and services.

SECOND. The City of Trenton will pay Contractor the total sum mentioned herein when the appropriate Department Director has executed a certification that the said articles or services have been furnished, delivered and accepted in full conformity to the aforementioned specifications and offer or proposal.

THIRD. The City of Trenton reserves the right to order a greater or lesser quantity, not to exceed twenty-five percent, of any or all of the articles named in the said offer or proposal than is stated therein, and it is distinctly agreed between the said parties that the price quoted in the offer or proposal of Contractor shall be regarded as a standard of prices, and the total sum mentioned herein as the consideration of this contract shall not be regarded as limiting the right of the City of Trenton to order such greater or lesser quantity.

FOURTH. In the event of the failure of Contractor to deliver to the City of Trenton, such articles or perform such work or labor as described in such quantities as ordered at the time stated for such delivery by the City of Trenton, or in the event that such articles as are delivered or work and labor performed do not meet the specifications or standards, as established by the City of Trenton for such articles or acceptance of such work and labor, then such delivery shall be rejected by telephone or written notice to the Agent or address indicated by the Contractor and by simultaneous and like notice to his surety. Additionally, if Contractor or his surety does not cure the default within the time set by the said Agent on behalf of the City of Trenton, then the said Agent on behalf of the City, shall have the right to procure such services or purchase such articles in their place and stand in the open market as are needed for replacement, and from the best source available in the judgment of the said Agent and to charge the expense of such articles or work performed to Contractor and to deduct the amount thereof from any moneys due or to become due to Contractor by virtue of this agreement. Provided, however, that the surety on the bond of Contractor for the faithful performance of this agreement shall be first notified of the necessity for such replacement, and given the same time allowance for such replacement as is given Contractor.

FIFTH. This contract shall not be amended, assigned or subcontracted without the consent of the City of Trenton in writing (if the total compensation payable thereunder shall thereby exceed $2,500.00, approval by Resolution of the
Governing Body shall be required), and any breach of this covenant shall authorize the City of Trenton, by its said Agent, to declare this contract null and void and to refuse to make any further payments thereunder to Contractor.

SIXTH. In case of any conflict between the provisions of this agreement and of any of the provisions of the specifications, the latter shall govern and control. Applicable for Public Construction Contracts Only: "Dispute Resolution Procedures (NJSA 40A:11-50). Disputes arising under this contract shall be subject to mediation or non-binding arbitration at the sole discretion of the City of Trenton, before a construction industry mediator or arbitrator or panels thereof. The City of Trenton shall have the right to select a third party to mediate any disputes arising under this agreement and the mediation shall be conducted informally in a manner decided upon by the mediator".

SEVENTH. Contractor hereby agrees to pay all workmen as a minimum the prevailing wages rate in accordance with Chapter 150 of the New Jersey Laws of 1963, Prevailing Wages on Public Contracts and U.S. Department of Labor Wage Rates with the higher rate for any given occupation being the governing rate, and N.J.S.A. 10:2-1 et seq., prohibiting discrimination in employment on public contracts.

EIGHTH. During the performance of this contract, the contractor agrees as follows:

a. CONTRACTOR or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, or sex. CONTRACTOR will take affirmative action to ensure that such applicants are recruited and employed, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation, disability, nationality or sex. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. CONTRACTOR agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause. (N.J.S.A. 10:5-33; N.J.A.C. 17:27-3.4)

b. CONTRACTOR or subcontractor, where applicable will, in all solicitations or advertisements for employees placed by or on behalf of CONTRACTOR, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation, disability, nationality or sex. (N.J.S.A. 10:5-33; N.J.A.C. 17:27-3.4)

c. CONTRACTOR or subcontractor where applicable, will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer, advising the labor union or workers' representative of CONTRACTOR's commitments under this act and shall post copies of the notice in conspicuous places available to employees and applicants for employment. (N.J.S.A. 10:5-33; N.J.A.C. 17:27-3.4)

d. CONTRACTOR or subcontractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to P.L. 1975, c.127, as amended and supplemented from time to time. (N.J.A.C. 17:27-3.4)

Note: A public works contract for a subcontractor with a total work force of four or fewer employees or for a contractor or subcontractor performing under an existing Federally approved or sanctioned affirmative action program shall contain as mandatory language only paragraphs a, b, and c above, and the contract shall not contain any other mandatory language prescribed by N.J.A.C. 17:27. (N.J.A.C. 17:27-3.4) (c)

e. All bidders and all contractors who are negotiating for a procurement or service contract with the public agency which is not subject to a federally approved or sanctioned affirmative action program are required to submit to the public agency, prior to or at the time the contract is submitted for signing by the public agency (in accordance with N.J.A.C. 17:27-4.3 promulgated by the Treasurer pursuant to P.L. 1975, c. 127), one of the following three documents:

1. Appropriate evidence that the contractor is operating under an existing federally approved or sanctioned affirmative action program; or
2. A certificate of employee information report approval issued in accordance N.J.A.C. 17:27-4; or

3. An initial employee information report consisting of forms provided by the affirmative action office and completed by the contractor in accordance with N.J.A.C. 17:27-4. (N.J.A.C. 17:27-3.3) (a)

f. CONTRACTOR or subcontractor agrees to attempt in good faith to employ minority and female workers consistent with the applicable county employment goals prescribed by N.J.A.C. 17:27-5.2 promulgated by the Treasurer pursuant to P.L. 1975, c. 127, as amended and supplemented from time to time or in accordance with a binding determination of the applicable county employment goals determined by the affirmative action office pursuant to N.J.A.C. 17:27-5.2 promulgated by the Treasurer pursuant to P.L. 1975, c. 127, as amended and supplemented from time to time. (N.J.A.C. 17:27-5.3) (a) (1)

g. CONTRACTOR or subcontractor agrees to inform in writing appropriate recruitment agencies in the area, including employment agencies, placement bureaus, colleges, universities, labor unions, that it does not discriminate on the basis of age, creed, color, national origin, ancestry, marital status or sex, gender identity or expression, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices. (N.J.A.C. 17:27-5.3) (a) (2)

h. CONTRACTOR or subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job-related testing, as established by the statutes and court decisions of the State of New Jersey and as established by applicable Federal law and applicable Federal court decisions. (N.J.A.C. 17:27-5.3) (a) (3)

i. CONTRACTOR or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, creed, color, national origin, ancestry, marital status or sex, and conform with the applicable employment goals, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions. (N.J.A.C. 17:27-5.3) (a) (4)

j. CONTRACTOR agrees that in the hiring of persons for the performance of work under this contract or any subcontract hereunder, or for the procurement, manufacture, assembling or furnishing of any such materials, equipment, supplies or services to be acquired under this contract, no contractor, nor any person acting on behalf of such contractor or subcontractor, shall, by reason of race, creed, color, national origin, ancestry, marital status, gender identity, or expression, affectional or sexual orientation or sex, discriminate against any person who is qualified and available to perform the work to which the employment relates. (N.J.S.A. 10:2-1) (a)

k. No contractor, subcontractor, nor any person on his behalf shall, in any manner, discriminate against or intimidate any employee engaged in the performance of work under this contract or any subcontract hereunder, or engaged in the procurement, manufacture, assembling or furnishing of any such materials, equipment, supplies or services to be acquired under such contract, on account of race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation or sex. (N.J.S.A. 10:2-1) (b)

l. There may be deducted from the amount payable to the contractor by the contracting public agency, under this contract, a penalty of $50.00 for each person for each calendar day during which such person is discriminated against or intimidated in violation of the provisions of the contract. (N.J.S.A. 10:2-1) (c)

m. This contract may be canceled or terminated by the contracting public agency, and all money due or to become due hereunder may be forfeited, for any violation of this section of the contract occurring after notice to the contractor from the contracting public agency of any prior violation of this section of the contract. (N.J.S.A. 10:2-1) (d)

n. The parties of this contract do hereby agree that the provisions of N.J.S.A. 10:2-1 through 10:2-4, dealing with discrimination in employment on public contracts, and the rules and regulations promulgated pursuant thereunto, are hereby made a part of this contract and are binding upon them. (N.J.A.C. 13:6-1.1)

o. Contractor and subcontractor agree and guarantee to afford equal opportunity in performance of the contract and, except with respect to affectional or sexual orientation, and gender identity or expression in accordance with an affirmative action program approved by the State Treasurer. (N.J.S.A. 10:5-32 and 10:5-35) (a)
p. The parties of this contract do hereby agree that the provisions of Title II of the Americans with Disabilities Act of 1990, 42 U.S.C. Section 12101 et seq., which prohibits discrimination on the basis of disability by public entities in all services programs and activities provided or made available by public entities, and the rules and regulations promulgated pursuant thereto, are made a part of this contract. The contractor agrees to conduct all activities in compliance with the provisions of Title VI of the Civil Rights Act of 1964, the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and the U.S. Department of Labor's regulations at 29 CFR Parts 31, 32 and 34.

Contractor shall cooperate with any state or federal reviews aimed at determining compliance with nondiscrimination laws and regulations authorized by State Law and expressly specified herein.

IN WITNESS WHEREOF, the City of Trenton has caused this agreement to be signed by the Mayor of the City of Trenton and its corporate seal to be hereto affixed, attested by the City Clerk, and Contractor has likewise caused this agreement to be executed the day and year first above written.

CITY OF TRENTON

Attest: ____________________________  Eric E. Jackson, Mayor
City Clerk

and

MORTON SALT INCORPORATED, 2625 BUTTERFIELD ROAD, SUITE 208E, OAKBROOK, ILLINOIS 60523

Attest: ____________________________  ____________________________
Secretary  President
Anthony T. Patton  Daniel P. Thompson
Director, U.S. Gov't Bulk Deicing Sales & Marketing Vice President, Bulk Deicing Sales & Marketing
CERTIFICATION

I, Winnie J. Kuo, Assistant Secretary of Morton Salt, Inc., a Delaware corporation (the “Company”) hereby certify that:

1. Attached hereto is a true and correct copy of a resolution duly adopted effective October 1, 2012 by the Board of Directors of the Company; said resolutions not having been amended or revised in any manner and being in full force and effect as of the date hereof.

2. Christian H. Herrmann is a duly elected and acting Chief Executive Officer and President of Morton Salt, Inc. and Timothy McKean is a duly elected and acting Chief Financial Officer, Vice President and Treasurer of Morton Salt, Inc. as of the date hereof and as such are duly authorized signatories in accordance with the resolution described in 1. above.

3. Attached hereto is a true and correct copy of a delegation of signature authorization signed by Christian H. Herrmann and Timothy McKean.

Winnie J. Kuo
Assistant Secretary
Morton Salt, Inc.

Dated: January 26, 2015
RESOLVED, that effective October 1, 2012, any two of the officers of the Corporation holding the positions listed below:

Chief Executive Officer and President;
Chief Financial Officer, Vice President and Treasurer; and,
Vice President, General Counsel and Secretary,

and to the extent delegated in writing, their designees, are hereby authorized, for and in the name and on behalf of the Corporation, and any subsidiary, affiliate or business unit thereof, to execute and deliver any and all applications, agreements, bids, bonds, certifications, notices, proxies, real estate conveyances, reports, stock certificates and other documents which they may deem necessary or advisable in furtherance of the business of the Corporation, subsidiary, affiliate or business unit, as the case may be, provided that two signatures be required on any document executed on behalf of the Corporation: such authorizations to be (i) subject to the limitations set forth in any applicable Board of Directors’ resolution or published policy of the Corporation, and (ii) subject to the limitations set forth in any K+S AG policy or procedure; and

FURTHER RESOLVED, that the signatures of any two persons designated pursuant to the above resolution affixed to any document described therein shall constitute certification of his or her authority to execute said document on behalf of the Corporation.
Effective Date: October 1, 2014

Treasurer
Chief Financial Officer, Vice President and

By: Timothy Meehan

Name: Christian H. Hermann

Title: Chief Executive Officer and President

Morton Salt, Inc.

Position is held, or this delegation of authority is superseded, amended or terminated.

By action of the Board of Directors, the delegation of authority is hereby given to the following persons or persons designated by the Board of Directors, or the person or persons designated to act in their stead, to execute documents on behalf of the Company, in the name of the Company, and as the duly authorized representative of Morton Salt, Inc.

By: Christian H. Hermann

Title: Chief Executive Officer and President

Morton Salt, Inc.

For

APPROVED BY THE BOARD OF DIRECTORS ON OCTOBER 1, 2014
UNDER THE RESOLUTIONS
DELEGATION OF AUTHORITY AND POWER OF ATTORNEY
<table>
<thead>
<tr>
<th>Year</th>
<th>Contract Per</th>
<th>Amount Per</th>
<th>Transaction/Category</th>
<th>of above date</th>
<th>Holding positions as</th>
<th>Names of Persons</th>
<th>Job Title</th>
</tr>
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</table>
VIA E-MAIL (mcovello@mercercounty.org) AND FEDERAL EXPRESS PRIORITY OVERNIGHT

Mercer County
640 South Broad St
P.O. Box 8068
Trenton, New Jersey 08650-0068
Attention: Marcella Covello
Telephone: 609-989-6717

Re: Assignment Letter

Dear Ms. Covello:

Please be advised that as part of an internal reorganization, International Salt Company, LLC ("ISCO") is combining with its K+S Group affiliate, Morton Salt, Inc. ("MSI") to form one integrated North American business. On or about September 29, 2014, ISCO will formally merge into MSI, with MSI being the surviving entity. Based in Chicago, MSI is a leading salt provider in North America, and its deicing business includes selling bulk salt to municipalities, state departments of transportation, governmental agencies, and maintenance contractors for use in deicing roadways.

To ensure a smooth transition of ISCO’s bulk salt operations to MSI, ISCO is requesting the consent of the County of Mercer to assign ISCO’s obligations under the Contract to MSI, effective September 1, 2014. If you consent to such assignment, please have an authorized representative sign this letter where indicated and return a signed copy of this letter to: Morton Salt, Inc., 123 North Wacker Drive, Chicago, Illinois 60606, Attn: Anthony Patton, Manager, U.S. Government Deicing Sales and Marketing, Tel: (312) 907-2000. For your reference, MSI’s Federal Employer Identification Number is: 27-3146174.

Should you have any questions regarding this letter, please contact Winnie Kuo, Corporate Counsel at Morton Salt, Inc. at 312-807-2207. If you have any business related questions for MSI, please contact Anthony Patton at 312-807-2496. Thank you for your time and attention to this matter.

Sincerely,

[Signature]
Daniel P. Thompson
Chief Executive Officer
International Salt Company LLC

CONSENT TO CONTRACT ASSIGNMENT

TO MORTON SALT, INC. agreed to and accepted by:

MERCER COUNTY

[Signature]

Print Name: [Signature]
Title: [Signature]
Date: 11.5.14
NOTICE TO INTERNATIONAL SALT COMPANY, LLC ROAD SALT CUSTOMERS

Please be advised that on or about September 29, 2014 ("Merger Date"), International Salt Company, LLC (ISCO) is merging into Morton Salt, Inc. (MSI) with MSI as the surviving entity. To ensure a smooth transition of ISCO's business operations to MSI, we have specified the guidelines below for the transition period leading up to the Merger Date:

1. All of your existing contracts with ISCO should be assigned to MSI on or before the Merger Date. For administrative efficiency, we have requested or specified an effective contract assignment date of September 1, 2014.

2. If you have an existing order with ISCO on or before September 1, 2014 and your contract has been assigned to MSI as of that date, your order will be transferred from ISCO to MSI on that date for handling and completion.

3. To place new orders on or after September 1, 2014, please contact the MSI customer service team as set forth below:

Mailing Address: Oakbrook Center of Excellence
Morton Salt, Inc. (Attn: Road Salt Department)
2625 Butterfield Road, Suite 208E
Oakbrook, IL 60523

Email: BUYROADSALT@mortonsalt.com
Phone: 1-855-665-4540
Fax: 1-630-861-2735 (Attn: Road Salt Department)
Primary Contact: Liesl Digate
Phone: 1-630-861-2727
E-mail: ldigate@mortonsalt.com

Remit Payment To Address (Lockbox): Morton Salt, Inc.
P.O. Box 93052
Chicago, IL 60673
## Contract Assignment

**CK09MERCER2013-25 Treated and Untreated Rock Salt for the County of Mercer and the Mercer County Cooperative Contract Purchasing System**

**December 3, 2013**

<table>
<thead>
<tr>
<th><strong>Contract Term:</strong> 1.24.2014 Through 1.23.2016</th>
<th>Co-op Members Quantities Stated in Contract</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Res:</strong> 2014-99</td>
<td>Assigned to Morton Salt, Inc.</td>
</tr>
<tr>
<td><strong>Road Salt Department</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td>2625 Butterfield Road, Suite 208E</td>
</tr>
<tr>
<td><strong>City, State, Zip</strong></td>
<td>Oakbrook, IL 60523</td>
</tr>
<tr>
<td><strong>Contact When Placing Orders:</strong></td>
<td>Liesl DiGate</td>
</tr>
<tr>
<td><strong>Telephone</strong></td>
<td>855-665-4540</td>
</tr>
<tr>
<td><strong>Fax</strong></td>
<td>630-861-2735 Attn: Road Salt Department</td>
</tr>
<tr>
<td><strong>Email</strong></td>
<td><a href="mailto:buyroadssl@mortonsalt.com">buyroadssl@mortonsalt.com</a></td>
</tr>
<tr>
<td><strong>Remit To:</strong></td>
<td>Morton Salt, Inc.</td>
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<tr>
<td></td>
<td>PO Box 93052</td>
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<tr>
<td></td>
<td>Chicago, IL 60673</td>
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</table>

### Treated Rock Salt

<table>
<thead>
<tr>
<th><strong>Total Estimated Tons:</strong> 12,400 for Two Year Period (DOT: 12,000, PC: 400)</th>
<th></th>
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<tbody>
<tr>
<td><strong>Cost Per Ton Delivered</strong></td>
<td>$70.13</td>
</tr>
<tr>
<td><strong>Total Cost * Basis of Award</strong></td>
<td>$869,612.00</td>
</tr>
<tr>
<td><strong>Cost Per Ton for Pick-Up By Contracting Unit</strong></td>
<td>$70.00</td>
</tr>
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### Untreated Rock Salt

<table>
<thead>
<tr>
<th><strong>Total Estimated Tons:</strong> 1,500 for Two Year Period (DOT: 1,500)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cost Per Ton Delivered</strong></td>
<td>$52.13</td>
</tr>
<tr>
<td><strong>Total Cost * Basis of Award</strong></td>
<td>$78,195.00</td>
</tr>
<tr>
<td><strong>Cost Per Ton for Pick-Up By Contracting Unit</strong></td>
<td>$52.00</td>
</tr>
<tr>
<td>COUNTY COOPERATIVE MEMBER QUANTITIES</td>
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<td>------------------------------------------------------------------</td>
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<tr>
<td>PRINCETON</td>
<td>2,000</td>
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<tr>
<td>CITY OF TRENTON</td>
<td>1,500</td>
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<tr>
<td>TOWNSHIP OF LAWRENCE</td>
<td>1,500</td>
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<tr>
<td>HOPEWELL TOWNSHIP* (INCLUDES 2,000 TON CONTINGENCY)</td>
<td>7,000</td>
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<tr>
<td>WEST WINDSOR TOWNSHIP</td>
<td>1,500</td>
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<tr>
<td>TOWNSHIP OF ROBBINSVILLE, DEPARTMENT OF PUBLIC WORKS</td>
<td>1,600</td>
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<tr>
<td>HIGHTSTOWN BOROUGH PUBLIC WORKS</td>
<td>400</td>
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<td>TOWNSHIP OF HAMILTON</td>
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<tr>
<td>EAST WINDSOR DEPARTMENT OF PUBLIC WORKS</td>
<td>6,400</td>
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<tr>
<td>WEST WINDSOR/PLAINSBORO SCHOOL DISTRICT</td>
<td>200</td>
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AWARD OF BID RECEIVED DECEMBER 3, 2013, TO INTERNATIONAL SALT COMPANY, LLC FOR THE COUNTY OF MERCER AND THE MERCER COUNTY COOPERATIVE CONTRACT PURCHASING SYSTEM FOR TREATED ROCK SALT AT $70.13 PER TON DELIVERED, AMOUNT NOT TO EXCEED: $869,612.00 AND FOR UNTREATED ROCK SALT AT $52.13 PER TON DELIVERED, AMOUNT NOT TO EXCEED: $78,195.00; GRAND TOTAL AMOUNT NOT TO EXCEED: $947,807.00. PERIOD: JANUARY 24, 2014 TO JANUARY 23, 2016. (CK09MERCER2013-25)

WHEREAS, the Mercer County Purchasing Agent has advertised for bids for Treated and Untreated Rock Salt for use by the County of Mercer and the Mercer County Cooperative Contract Purchasing System through bid terms and specifications, as provided by law; and,

WHEREAS, three (3) sealed bids were received on December 3, 2013 for furnishing and delivering the aforementioned products; and,

WHEREAS, the bid of International Salt, Inc, 655 Northern Blvd., Clarks Summit, PA 18411 for treated rock salt at $70.13 cost per ton delivered, total amount not to exceed $869,612.00 and untreated rock salt at $52.13 cost per ton delivered, total amount not to exceed $78,195.00 for a grand total amount not to exceed $947,807.00 for a period of two years commencing on January 24, 2014; and shall be awarded as follows:

Clerk to the Board

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<tr>
<td>Cannon</td>
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<td>Frisby</td>
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<tr>
<td>Carabelli</td>
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<td></td>
<td></td>
<td>✓</td>
<td>Walter</td>
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<tr>
<td>Cimino</td>
<td>X</td>
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<td>Koontz</td>
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<tr>
<td>Colavita</td>
<td>X</td>
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X—Indicates Vote  Abs.—Absent  NV.—Not Voting
Res.—Resolution Moved  Sec.—Resolution Seconded
TREATED ROCK SALT WITH LIQUID MAGNESIUM CHLORIDE/LIQUID ORGANIC FOR MERCER COUNTY AND COOP MEMBERS

<table>
<thead>
<tr>
<th>YEAR ONE &amp; TWO</th>
<th>ESTIMATED QUANTITY</th>
<th>PRICE PER TON DELIVERED</th>
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<tbody>
<tr>
<td></td>
<td>12,400 TONS</td>
<td>$70.13</td>
</tr>
<tr>
<td>TOTAL FOR TREATED ROCK SALT</td>
<td></td>
<td>$869,612.00</td>
</tr>
<tr>
<td>CUSTOMER PRICE FOR PICK-UP</td>
<td></td>
<td>$70.00</td>
</tr>
</tbody>
</table>

UNTREATED ROCK SALT FOR MERCER COUNTY AND COOP MEMBERS

<table>
<thead>
<tr>
<th>YEAR ONE &amp; TWO</th>
<th>ESTIMATED QUANTITY</th>
<th>PRICE PER TON DELIVERED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1,500 TONS</td>
<td>$52.13</td>
</tr>
<tr>
<td>TOTAL FOR UNTREATED ROCK SALT</td>
<td></td>
<td>$78,195.00</td>
</tr>
<tr>
<td>CUSTOMER PRICE FOR PICK-UP</td>
<td></td>
<td>$52.00</td>
</tr>
</tbody>
</table>

WHEREAS, the bidders hereinafter designated are the lowest qualified bidders; now, therefore,

BE IT RESOLVED, that the County Executive and Clerk to the Board be and are hereby authorized to execute said contracts when presented in a form approved by County Counsel; and,

BE IT FURTHER RESOLVED, that the Clerk to the Board shall forward a copy of this Resolution to the Department of Transportation and Infrastructure, Division of Highways, the Mercer County Park Commission, and the Mercer County Purchasing Agent for further distribution.
SPECIFICATIONS FOR BID FOR TREATED AND UNTREATED ROCK SALT FOR THE COUNTY OF MERCER AND THE MERCER COUNTY COOPERATIVE CONTRACT PURCHASING SYSTEM FOR A PERIOD OF TWO (2) YEARS
CONTACT: CHRIS MARKLEY 609 530 7500 X 107

The County of Mercer requests bids for rock salt. The contract shall be awarded for a period of two (2) years. The County reserves the right to purchase up to 12,400 tons of treated rock salt and 1,500 tons of untreated rock salt. Co-op members have provided estimated quantities as stated on the proposal page. The quantities have been estimated.

The County of Mercer, acting as the Lead Agency, will bid for the Cooperative Contract Purchasing System to purchase Sodium Chloride (Rock Salt). Estimated quantities are provided. It is understood that orders will be placed directly by the contracting units, subject to the terms of the contract to be awarded by the County of Mercer, and that no additional service or delivery charges will be allowed except as permitted by these specifications.

Estimated Quantities (Open-End Contracts): The County has attempted to identify the item(s) and the estimated amounts of each item bid to cover its requirements; however, past experience shows that the amount ordered may be different than that submitted for bidding. The right is reserved to decrease or increase the quantities specified in the specifications pursuant to N.J.A.C. 5:30-11.2 and 11.10. NO MINIMUM PURCHASE IS IMPLIED OR GUARANTEED.

IF THERE ARE DEVIATIONS FROM SPECIFICATION PLEASE STATE ON A THE PAGE NOTED AS EXCEPTIONS

F.O.B. DELIVERY POINT
All prices bid must be on the basis of F.O.B. destination.

ORDERING AND INVOICING
Orders placed by Using Agency will be priced based on the line item bid price. The quantities of material for which payment will be made, will be those actually received in accordance with the orders for said materials, and conforming to the specification requirements. Invoices must reflect the bid price.
1. **CLASSIFICATION**

   This specification covers sodium chloride obtained from natural deposits (rock salt) or produced by man (evaporated, solar, other).

   **Type 1** - Used primarily as a pavement deicer or in aggregate stabilization.

   - **Grade 1** - Standard gradation (Note 1)

   **Note 1** - Grade 1 provides a particle grading for general application, and found by latest research to be most effective for ice control and skid resistance under most conditions.

2. **CHEMICAL COMPOSITION**

   The sodium chloride shall conform to the following requirements as to chemical composition:

   Sodium chloride (NaCl), min, %  
       98.5

3. **PHYSICAL REQUIREMENTS**

   **Grading:**

   **Type 1** - The gradation of Type 1 sodium chloride, when tested by means of laboratory sieves, shall conform to the following requirements for particle size distribution:

   **Weight Percent Passing**

<table>
<thead>
<tr>
<th>Sieve Size</th>
<th>Grade 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4 in. (19.05 mm)</td>
<td>---</td>
</tr>
<tr>
<td>1/2 in. (12.70 mm)</td>
<td>100</td>
</tr>
<tr>
<td>3/8 in. (9.51 mm)</td>
<td>95 - 100</td>
</tr>
<tr>
<td>No. 4 (4.76 mm)</td>
<td>20 - 90</td>
</tr>
<tr>
<td>No. 8 (2.38 mm)</td>
<td>10 - 60</td>
</tr>
<tr>
<td>No. 30 (0.595 mm)</td>
<td>0 - 15</td>
</tr>
</tbody>
</table>

4. **CONDITION**

   The sodium chloride shall arrive at the purchaser's delivery point in a free-flowing and usable condition.
5. **SAMPLING**

Coop Members reserve the right to take samples at the time of delivery to determine whether the material conforms to specifications and have them tested by an Official Testing Laboratory. If material tested does not conform to above specifications, vendor will remove said material at his expense and supply the members with proper material. If vendor is unwilling or unable to supply correct material, Coop Members will purchase material from the next qualified vendor.

6. **TEST METHODS**

   (a) Chemical Test - Test for compliance with the requirements for chemical composition in accordance with the following methods:

   1. **Routine Control** - The “Rapid Method” provided in Annex A-1 may be used for routine control and approval.

   2. **Referee Testing** - In case of controversy, determine analysis in accordance with Methods E 534.

   Gradation shall be determined by Method C 136.

7. **INSPECTION**

The purchaser or his representative shall be provided free entry and necessary facilities at the production plant or storage area if he elects to sample sodium chloride at the source.

8. **REJECTION AND REHEARING**

   (a) The sodium chloride shall be rejected if it fails to conform to any of the requirements of this specification.

   (b) In the case of failure to meet the requirements on the basis of an initial sample of a lot represented, two additional samples shall be taken from the lot and tested. If both additional samples meet the requirements, the lot shall be accepted.

9. **PACKAGING AND MARKING**

The sodium chloride shall be delivered in bulk lots. The name of the producer and the net weight shall be legibly marked on the shipping or delivery report.
ANNEX
MANDATORY INFORMATION - RAPID TEST METHOD FOR SODIUM CHLORIDE

THE FOLLOWING RAPID TEST METHOD MAY BE USED FOR ROUTINE CONTROL OF THE SODIUM CHLORIDE CONTENT INSTEAD OF THE REFEREE METHOD PRESCRIBED IN SECTION 7.

1. **SAMPLE** - The composite sample obtained under Section 6 shall be thoroughly mixed and reduced by quartering or by means of sample splitter to approximately 1-lb. (454-g). This 1-lb composite sample shall be ground to pass the No. 50 (300 mm) sieve.

2. **PROCEDURE** - Weigh out 10 ± 0.01-g of the pulverized sample and place in a beaker with 250-ml distilled water. Add 10-ml of nitric acid (HNO3, 1 + 4 by volume) and stir for 20 min. at room temperature to put the salt in solution. Transfer the solution including any insoluble material to a 2-liter volumetric flask and dilute to the mark with distilled water. With a pipet draw off 25-ml of the solution and place in a white porcelain casserole. Add ½-g of calcium carbonate (CaCO3) to neutralize the excess HNO3, and adjust the pH to approximately 7. Add 3-ml of potassium chromate (K2CrO4) solution (50-g K2CrO4/liter) as an indicator and titrate with 0.05 N silver nitrate (AgNO3) solution.

3. **STANDARDIZATION** - Standardize the 0.05 N AgNO3 solution using 10 g of reagent grade sodium chloride (NaCl) following the applicable procedure.

4. **CALCULATION** - Calculate the percentage of NaCl as follows:

   \[ P = \left( \frac{A}{B} \right) \times \left( \frac{C}{D} \right) \times 100 \]

   **NOTE:**

   A = grams of reagent grade NaCl used.
   B = millilitres of 0.5 N AgNO3, solution, required to titrate the reagent grade NaCl.
   C = millilitres of 0.5 N AgNO3, solution, required to titrate the sample being tested.
   D = grams of test sample used, and
   P = percentage of sodium chloride in the sample being tested.

   **NOTE:** Because total chlorides are precipitated in the titration, magnesium chloride (MgCl2) and calcium chloride (CaCl2) would be included sodium chloride.

5. **PRECISION** - Duplicate samples should check within 0.25 percent (NaCl).
TREATED SALT

GRANULAR SODIUM CHLORIDE TREATED WITH LIQUID MAGNESIUM CHLORIDE/
LIQUID ORGANIC BASED, US PATENT #4,676,918

SCOPE:
It is the intent of this specification to describe a mixture of Sodium Chloride Type "A" crushed rock salt treated with Liquid Magnesium Chloride/Patent #4,676,918 or County of Mercer approved equivalent. The liquid treatment is intended to enhance the performance of the regular rock salt over untreated salt by reducing corrosiveness, improving low temperature performance, reducing bounce and scatter, preventing clumping, salt pile freezing and enhancing flow ability. The treated salt is intended to be used to facilitate snow and ice prevention and removal on County of Mercer roads and bridges.

DESCRIPTION:
The finished product shall be composed of two primary constituents:

1) Crushed rock salt as described and specified in Section A below.

2) Liquid magnesium chloride/Toth Patented as described in Section B below.

The two components shall be mixed to produce a finished product as described in Section C. The final product shall meet all the requirements described in Section D, also below.

Section A
Sodium Chloride Type "A" Crushed Rock Salt Specifications

The crushed rock salt used in the preparation of the final product shall meet the following requirements.

A.1 CONTAMINATION
Upon inspection, the material shall be uniform in appearance, free flowing and free from visual evidence of foreign matter including but not limited to dirt, stone, chips, trash or any other material that could reasonably be expected to interfere with the use, handling or storage of the salt.

A.2 CHEMICAL COMPOSITION
Shall be not less than 95% Sodium Chloride. Percent of Sodium Chloride shall be determined in accordance with current ASTM-D-632.

A.3 SIZE GRADING
The salt, when tested using sieves as described in ASTM-C-136 (*) shall conform to the following requirements for particle size distribution:

<table>
<thead>
<tr>
<th>SIEVE SIZE</th>
<th>PERCENT PASSING (**)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2&quot; - (12.5 MM)</td>
<td>100</td>
</tr>
<tr>
<td>3/8&quot; - (9.5 MM)</td>
<td>95 - 100</td>
</tr>
<tr>
<td>No. 4 - (4.75 MM)</td>
<td>20 - 90</td>
</tr>
<tr>
<td>No. 8 - (2.36 MM)</td>
<td>10 - 60</td>
</tr>
<tr>
<td>No. 30 - (600 Microns)</td>
<td>0 - 15</td>
</tr>
</tbody>
</table>

* - A drying temperature of 110°C ± 5°C should be used.
** - Tolerance of 5 percentage points on the maximum value of the range for each sieve except 1/2" (12.5 mm) and 3/8" (9.5 mm) sizes, on which no tolerance will be allowed.

A.4 ** MOISTURE CONTENT **
Moisture content shall not exceed 1-1/2%* when determined as follows:

\[
\% \text{ Moisture} = \frac{(W_1 - W_2)}{W_1} \times 100
\]

Where: \( W_1 \) = Initial weight of sample
\( W_2 \) = Weight of sample after drying to a constant weight at 110°C ± 5°C.

* Procedure shall be in accordance with American Water Works Association B200-88, Section 4.3. A tolerance of 0.5% will be allowed before a non-complying product - moisture - price deduction is assessed.

A.5 ** SAMPLING **
Sampling shall be done in accordance with current ASTM-D632. The County of Mercer, or any of its authorized representatives, reserves the right to take samples from the contractor’s stockpile or transfer point.

A.6 ** ACCEPTANCE **
The salt may be rejected if it fails to conform to any of the requirements of this specification.

A.7 ** NON-COMPLYING PRODUCT - PRICE DEDUCTIONS **

A.7.1 ** Non-Complying Product - Price Deduction - Moisture**
If the moisture content of the salt is found to be above 2.0 %, a deduction for moisture content will be made from the delivered bid price based on the following formula:

\[
\text{Reduced Price/Ton} = \text{Delivered Contract Price/Ton} \times (1.02 - 2X)
\]

Where: \( X \) = Moisture content of the sample (expressed as the decimal equivalent of the percentage of the original sample weight to the nearest 1%)

A.7.2 ** NON-COMPLYING PRODUCT - PRICE DEDUCTION - GRADATION (PARTICLE SIZE DISTRIBUTION)**
If, after delivery, the gradation of the salt is found to be out of tolerance, a deduction from the price shall be made based on the following formula:

\[
\text{Reduced Price/Ton} = \text{Delivered Contract Price} \times (1.00 - Y)
\]

Where: \( Y \) = the decimal equivalent of the total % out of gradation. The % out of tolerance for each sieve shall be to the nearest 1%. The total of the individual sieve tolerance deviations shall be used as \( Y \).

A.7.3 ** GENERAL **
A non-complying product - price deduction is not to be assessed unless the proper analysis and test procedures are followed. If the contractor consistently delivers salt found to be above 2% moisture content or consistently not conforming to the
gradation requirements, the contract shall be subject to cancellation either in whole or in parts.

A.8  **CALCULATIONS**
Calculations performed relative to this specification shall be made using the rounding off method of "ASTM Recommended Practice E-29 for Designating Significant Places in Specified Limiting Values".

**Section B**
**Magnesium Chloride with OBPE**

Material used for this component of the finished product shall be a 1 to 1 blend of liquid magnesium chloride and liquid Patent #4,676,918 or equivalent sufficient to allow the finished material to meet the specific requirements and performance criterion listed below.

**Note Well:** Sections B1 and B2 apply only to products offered that do not have a Beneficial Use Determination (BUD) from New Jersey Department of Environmental Protection. **However, all products must contain 250 PPM or less Phosphorus with or without Beneficial Use Determination. No dilutions allowed prior to Phosphorus testing.**

**B.1** Bids may not be accepted on any product that contains constituents in excess of the following established total concentration limits as tested in accordance with the listed test methodology noted in Test Section. Results are stated as Parts Per Million (ppm). If product exceeds any of the following constituents then the bidder shall identify the exception(s) and explain any mitigating circumstances. The State reserves the right to evaluate these exceptions and make a determination of product eligibility based on the best interests of the State.

<table>
<thead>
<tr>
<th>Constituent</th>
<th>Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphorus</td>
<td>250.00 ppm</td>
</tr>
<tr>
<td>Cyanide</td>
<td>0.20 ppm</td>
</tr>
<tr>
<td>Arsenic</td>
<td>5.00 ppm</td>
</tr>
<tr>
<td>Copper</td>
<td>4.00 ppm</td>
</tr>
<tr>
<td>Lead</td>
<td>1.00 ppm</td>
</tr>
<tr>
<td>Mercury</td>
<td>0.05 ppm</td>
</tr>
<tr>
<td>Chromium</td>
<td>0.50 ppm</td>
</tr>
<tr>
<td>Cadmium</td>
<td>0.20 ppm</td>
</tr>
<tr>
<td>Barium</td>
<td>10.00 ppm</td>
</tr>
<tr>
<td>Selenium</td>
<td>5.00 ppm</td>
</tr>
<tr>
<td>Zinc</td>
<td>10.00 ppm</td>
</tr>
</tbody>
</table>

**B.2** pH - The pH of submitted liquid chemical products shall be 6-8. The pH limit of liquid chemical products may be waived by the County of Mercer. The right to waive the pH will be at the discretion of the County of Mercer. The County of Mercer decision to waive the pH requirement shall be in the best interest of the State and shall be final.

**B.3** Material shall contain 15% MgCl2 by weight plus or minus 2%

**B.4** Material shall contain 21% plus or minus 2% Patent #4,676,918 or equivalent to produce a final material having a eutectic (freezing) point of -20°F or lower.

**B.5** A table showing Freezing Point-Specific Gravity for various percentage dilutions of product in water shall be provided. Table shall include data starting from at least 5% product in water and continue to include the percentage product in water to produce the eutectic (lowest freezing point) composition.

**B.6** A 3% solution of the corrosion inhibited chemical product shall have a corrosion value of at least 70% less than that of a 3% solution of Sodium Chloride. (Determined by NACE (National Association of Corrosion Engineers) - Standard TM-01-69 as modified by PNS (Pacific Northwest Snowfighters)).
B.7 This chemical product shall not contain greater than 4.0% (V/V) Total Settleable Solids and shall have ninety nine percent (99.0%) of the Solids Passing through a Number 10 sieve after being stored at -17.8°C +/- 1°C (0°F +/- 2°F) for 168 hours.

B.8 An independent certified analysis showing compliance with all the above requirements must be submitted with the bid along with an intended use statement for the product. Exceptions to the requirements must be stated and the County of Mercer reserves the right to reject the product.

B.9 The liquid must meet the percentage requirement as stated in B3 and B4. The product must be created by using one to one ratio of a 30% Magnesium chloride solution and Patent liquid #4,676,918. A separate sheet shall be submitted for each Lot for which a bid is submitted. Separate or additional flyers, product literature, etc. will not be accepted in lieu of a completed Vendor Certified Product Data Sheet.

Section C
Mixing the Sodium Chloride and Magnesium Chloride/OBPE

The materials described in Section A and Section B above shall be mixed as described in this section to produce the finished product. Mixing procedures shall comply with all requirements described in this section.

C.1 The County of Mercer, or any of its authorized representatives, reserves the right to take samples from the contractor's stockpile or transfer point before the salt is mixed with the Liquid Magnesium Chloride/ liquid Patent #4,676,918. Both salt and liquid samples may be taken.

C.2 The contractor will thoroughly mix a minimum of 8 gallons of Liquid Magnesium Chloride/Toth per ton of salt.

C.3 The Contractor will ensure a consistent thorough mix (e.g. spray system, pugmill, conveyor) so that there is maximum coverage of the liquid on the salt crystals (loader mixing and stockpile injection methods are not acceptable) and will specify the mix method in the bid.

C.4 Trucks must be weighed on certified scale with printout after loading the final product (salt and liquid mixture) and prior to delivery destination. The weight ticket shall include the net weight of the final product and the stockpile source. The certification must bear the weighmaster's signature. Handwritten weights are not acceptable.

C.5 All shipments of finished product shall be accompanied by a ticket indicating the amount of Liquid Magnesium Chloride/Toth mixed in the finished product. This amount will be indicated on the ticket by Gallons. The amount of gallons shall be recorded by a printing device or handwritten.

C.6 The finished product shall be shipped via bulk delivery. Trucks delivering the mixture shall have the entire cargo area completely covered by a waterproof tarpaulin or similar sheeting material. Torn or ripped covers may be cause for rejection of the shipment.

C.7 The County of Mercer reserves the right to, at any time, inspect the operation to take salt and liquid samples, to ensure that the proper amount of liquid is being applied and that the mix method is appropriate.
Section D

FINAL PRODUCT: ROCK SALT TREATED WITH LIQUID MAGNESIUM CHLORIDE/TOOTH PATENTED

The Treated Salt shall meet the following requirements:

D.1 CONTAMINATION
Upon inspection of delivered salt, the material shall be uniform in appearance, free flowing and free from visual evidence of foreign matter including but not limited to dirt, stone, chips, trash or any other material that could reasonably be expected to interfere with the use, handling or storage of the salt.

D.2 FLOWABILITY
Properly stored product (covered or inside storage) shall be uniform and free flowing in a manner consistent with its intended use and shall show no objectionable clumping or caking.

D.3 LEACHING
Properly stored product (covered or inside storage) shall show no indication of objectionable leaching or separation of components to the extent that such condition produces adverse effects in the handling or usage of the product or routine maintenance of the storage facility.

D.4 CHEMICAL COMPOSITION
Shall be not less than 91.2% Sodium Chloride. Percent of Sodium Chloride shall be determined as follows: Apparent total % Sodium Chloride content shall be determined in accordance with current ASTM-D-632. Magnesium and Calcium content shall be determined in accordance with ASTM E-534 and computed as % Magnesium Chloride and % Calcium Chloride respectively. % Sodium Chloride shall then be computed as follows:

\[
\text{% Sodium Chloride} = \text{% Apparent Sodium Chloride} - (\text{% Magnesium Chloride} + \text{% Calcium Chloride})
\]

D.5 SIZE GRADING
The salt, when tested using sieves as described in ASTM-C-136 (*) shall conform to the following requirements for particle size distribution:

<table>
<thead>
<tr>
<th>SIEVE SIZE</th>
<th>PERCENT PASSING (**)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2&quot; - (12.5 MM)</td>
<td>100</td>
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<td>10 - 60</td>
</tr>
<tr>
<td>No. 30 - (600 Microns)</td>
<td>0 - 15</td>
</tr>
</tbody>
</table>

* - A drying temperature of 110°C ± 5°C should be used.
** ** - Tolerance of 5 percentage points on the maximum value of the range for each sieve except 1/2" (12.5 mm) and 3/8" (9.5 mm) sizes, on which no tolerance will be allowed.

D.6 MOISTURE CONTENT  
Moisture content shall not exceed 4.8% when determined as follows:

\[
\% \text{ Moisture} = \frac{(W_1 - W_2)}{(W_1)} \times 100
\]

Where:  
\( W_1 = \) Initial weight of sample  
\( W_2 = \) Weight of sample after drying to a constant weight at 110°C ± 5°C.

NOTE: Procedure shall be in accordance with American Water Works Association B200-88, Section 4.3. A tolerance of 0.5% will be allowed before a non-complying product - moisture - price deduction is assessed.

D.7 SAMPLING  
Sampling shall be done in accordance with current ASTM-D632. The Office of General Services, or any of its authorized representatives, reserves the right to take samples from the contractor’s stockpile or transfer point.

D.8 ACCEPTANCE  
The treated salt may be rejected if it fails to conform to any of the requirements of this specification.

D.9 NON-COMPLIING PRODUCT - PRICE DEDUCTIONS

D.9.1 Non-Complying Product - Price Deduction - Moisture  
If the moisture content of the treated salt is found to be above 5.3%, a deduction for moisture content will be made from the delivered bid price based on the following formula:

\[
\text{Reduced Price/Ton} = \text{Delivered Contract Price/Ton} \times (1.106 - 2x)
\]

Where:  
\( x = \) Moisture content of the sample (expressed as the decimal equivalent of the percentage of the original sample weight to the nearest 1%)

D.9.2 Non-Complying Product - Price Deduction - Gradation (Particle Size Distribution)  
If, after delivery, the gradation of the treated salt is found to be out of tolerance, a deduction from the price shall be made based on the following formula:

\[
\text{Reduced Price/Ton} = \text{Delivered Contract Price} \times (1.00 - Y)
\]

Where:  
\( Y = \) the decimal equivalent of the total % out of gradation.  
The % out of tolerance for each sieve shall be to the nearest 1%. The total of the individual sieve tolerance deviations shall be used as Y.

D.9.3 GENERAL  
A non-complying product - price deduction is not to be assessed unless the proper analysis and test procedures are followed. If the contractor consistently delivers salt found to be above 2% moisture content or consistently not conforming to the gradation requirements, the contract shall be subject to cancellation either in whole or in parts.
D.10 **CALCULATIONS**
Calculations performed relative to this specification shall be made using the rounding off method of “ASTM Recommended Practice E-29 for Designating Significant Places in Specified Limiting Values”.

D.11 **CORROSION RATING OF TREATED SALT**
A 3% solution of the treated salt product shall have a corrosion value of at least 50% less than that of a 3% solution of Sodium Chloride. (Determined by NACE (National Association of Corrosion Engineers) - Standard TM-01-69 as modified by PNS (Pacific Northwest Snowfighters))

**TRAINING**
The successful bidder will provide training classes at each site to promote the proper use and application of their product. The County of Mercer will approve all materials.