AMENDMENT TO
FINANCIAL ASSISTANCE AWARD

U.S. DEPARTMENT OF COMMERCE

AWARD NUMBER
34-10-S13034

X GRANT
COOPERATIVE AGREEMENT

RECIPIENT NAME
State of New Jersey

AMENDMENT NUMBER
9

STREET ADDRESS
300 Riverview Plaza

EFFECTIVE DATE
06/14/2018

CITY, STATE ZIP
Trenton, NJ 08625-3422

EXTEND PERIOD OF PERFORMANCE TO
(IF APPLICABLE)

COSTS ARE REVISED AS
FOLLOWS:

<table>
<thead>
<tr>
<th></th>
<th>PREVIOUS ESTIMATED COST</th>
<th>ADD</th>
<th>DEDUCT</th>
<th>TOTAL ESTIMATED COST</th>
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</thead>
<tbody>
<tr>
<td>FEDERAL SHARE OF COST</td>
<td>$2,711,928.00</td>
<td>$0.00</td>
<td>$25,236.29</td>
<td>$2,686,691.71</td>
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<td>RECIPIENT SHARE OF COST</td>
<td>$681,725.00</td>
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<td>TOTAL ESTIMATED COST</td>
<td>$3,393,653.00</td>
<td>$0.00</td>
<td>$25,236.29</td>
<td>$3,368,416.71</td>
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REASON(S) FOR AMENDMENT
This grant is hereby amended to de-obligate the remaining Federal funds in the amount of $-25,236.29 to close the ASAP account and closeout the award.

ALL TERMS AND CONDITIONS REMAIN IN EFFECT
THIS IS A UNILATERAL AMENDMENT; NO SIGNATURE FROM THE RECIPIENT IS REQUIRED

This Amendment Document (Form CD-451) signed by the Grants Officer constitutes an Amendment of the above-referenced Award, which may include an obligation of Federal funding. By signing this Form CD-451, the Recipient agrees to comply with the Amendment provisions checked below and attached, as well as previous provisions incorporated into the Award. If not signed and returned without modification by the Recipient within 30 days of receipt, the Grants Officer may unilaterally withdraw this Amendment offer and de-obligate any associated funds.

X SPECIAL AWARD CONDITIONS
X LINE ITEM BUDGET
X OTHER(S)

SIGNATURE OF DEPARTMENT OF COMMERCE GRANTS OFFICER
Dean Iwasaki

Digitally signed by DEAN IWASAKI
Date: 2018.06.14
3:24:13 -04'00'

TYPED NAME, TYPED TITLE, AND SIGNATURE OF AUTHORIZED RECIPIENT OFFICIAL
DEAN IWASAKI

DATE
6/14/2018
Award Number: 34-10-S13034, Amendment Number 9
Federal Program Officer: Yuki Miyamoto-Mendez
Requisition Number: CS13034
Employer Identification Number: 216000928
Dun & Bradstreet No: 807477898
Recipient ID: 3438742
Requestor ID: 3438742

Award ACCS Information

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<tr>
<th>Bureau Code</th>
<th>FCFY</th>
<th>Project-Task</th>
<th>Org Code</th>
<th>Obj Class</th>
<th>Obligation Amount</th>
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<td>2013</td>
<td>8150000-000</td>
<td>11-00-0000-00-00-00-00</td>
<td>41-19-00-00</td>
<td>$-25,236.29</td>
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Award Contact Information

<table>
<thead>
<tr>
<th>Contact Name</th>
<th>Contact Type</th>
<th>Email</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. Odysseus Marcopolus</td>
<td>Administrative</td>
<td><a href="mailto:odysseus.marcopolus@oit.nj.gov">odysseus.marcopolus@oit.nj.gov</a></td>
<td>609-984-4084</td>
</tr>
<tr>
<td>Mr. William Drew</td>
<td>Technical</td>
<td><a href="mailto:william.drew@ohsp.state.nj.us">william.drew@ohsp.state.nj.us</a></td>
<td>6096314926</td>
</tr>
</tbody>
</table>

NIST Grants Officer:
Nuria Martinez
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(301) 975-6215

NIST Grants Specialist:
Shiou Liu
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