



NEW HAVEN PUBLIC SCHOOLS  
New Haven, Connecticut

**NEW HAVEN BOARD OF EDUCATION FINANCE AND OPERATIONS COMMITTEE MEETING**

Monday, April 1, 2019

4:00 p.m.

Gateway Center – 2<sup>nd</sup> Floor Board Room

Chair: Mr. Jamell Cotto

**Action Items**

**A. AGREEMENTS**

1. To approve an Agreement by and between the New Haven Board of Education and Junta for Progressive Action, to provide to provide two program Neighborhood Place for students K-8 and HACER for student K-12, for a total of 34 sessions, from April 9, 2019 to June 30, 2019, in an amount not to exceed \$20,000.

**Funding Source:** McKinney Vento Hurricane Education Relief AH CY Program  
Acct. # 2503-6305-56697-0000

**Presenter:** Ms. Gemma Joseph Lumpkin  
**(Pages #5-14)**

2. To approve an Agreement by and between the New Haven Board of Education and Lakeshore Learning, to provide 33 Head Start classroom observations using the CLASS Observation Assessment Tool, in accordance with Head Start Performance Standards, from April 9, 2019 to June 30, 2019, in an amount not to exceed \$42,000.

**Funding Source:** Head Start Program  
Acct. # 2532-5279-56694-0443

**Presenter:** Ms. Mary Derwin  
**(Pages #15-25)**

3. To approve an Agreement by and between the New Haven Board of Education and District Management Group, LLC, to provide Phase 1 of a two-phase high school staffing analysis, including consultation on district context and priorities; data collection from 10 high schools, and a completed staffing analysis for two high schools, from April 9, 2019 to June 30, 2019, in an amount not to exceed \$37,000.

**Funding Source:** Alliance Program  
Acct. # 2547-6106-56694

**Presenter:** Dr. Paul Whyte  
**(Pages #26-35)**

4. To approve an Agreement by and between the New Haven Board of Education and Crown Castle International, 1220 Augusta Drive, Suite 600, Houston, TX to provide Leased Fiber Circuit Wide Area Network Solution for the period of July 1, 2019 to June 30, 2020, in an amount not to exceed \$546,840. If E-Rate funding is awarded, the NHPS may receive a reimbursement for up to \$492,156 and the share the NHPS would have to pay would be \$54,684.

**Funding Source:** 2019-2020 Operating Budget  
Acct. #190-47200-52265

**Presenter:** Mr. Kevin Moriarty  
**(Pages #36-46)**

5. To approve an Agreement by and between the New Haven Board of Education and Advanced Office Systems (AOS), 296 East Main Street, Branford, CT to provide Computer and Printer Support Services to the NHPS for the period of July 1, 2019 to June 30, 2020, in an amount not to exceed \$449,280.00

**Funding Source:** 2019-20 Operating Budget – Data Processing  
**Acct. #190-47200-56694**

**Presenter:** Mr. Kevin Moriarty  
**(Pages #47-55)**

## B. CONTRACTS

1. To approve the Renewal of Contract #21551-2-2 to CT Custom Aquatics, LLC, 31 Meadow View Drive, North Haven, CT for On Call Swimming Pool Service for the NHPS for FY 2019-2020, in an amount not to exceed \$50,000.

**Funding Source:** 2019-2020 Operating Budget  
**Acct. #190-47400-56662**

**Presenter:** Mr. Joseph Barbarotta  
**(Pages #56-58)**

2. To approve the Renewal of Contract #21552-2-2 to Longwharf Transport, LLC, 294 Kimberly Ave., New Haven, CT for On Call Vehicle Maintenance for the NHPS for FY 2019-2020, in an amount not to exceed \$75,000.

**Funding Source:** 2019-2020 Operating Budget  
**Acct. #190-47400-56665**

**Presenter:** Mr. Joseph Barbarotta  
**(Pages #59-61)**

3. To approve the Renewal of Contract #21556-2-2 to Guidelines, LLC, 76 Glenwood Dr., Guilford, CT for On Call Line Striping for the NHPS for FY 2019-2020, in an amount not to exceed \$30,000.

**Funding Source:** 2019-2020 Capital Projects

**Presenter:** Mr. Joseph Barbarotta  
**(Pages #62-64)**

4. To approve the Renewal of Contract #21559-2-2 to CT Pest Elimination, Inc., 273 Indian River Road, Orange, CT for On Call Pest and Rodent Control for the NHPS for FY 2019-2020, in an amount not to exceed \$35,000.

**Funding Source:** 2019-2020 Operating Budget  
**Acct. #190-47400-56662**

**Presenter:** Mr. Joseph Barbarotta  
**(Pages #65-67)**

5. To approve the Renewal of Contract #21562-2-2 to Utility Communications, Inc., 920 Sherman Ave., Hamden, CT for On Call Security Cameras Services for the NHPS for Fiscal Year 2019-2020, in an amount not to exceed \$75,000.

**Funding Source:** 2019-2020 Capital Projects

**Presenter:** Mr. Joseph Barbarotta  
**(Pages #68-70)**

6. To approve the Renewal of Contract #21563-2-2 to Country Enterprises, LLC, P.O. Box 2009, North Haven, CT for On Call Dumpster Rental Service for the NHPS for FY 2019-2020, in an amount not to exceed \$25,000.  
**Funding Source:** 2019-2020 Operating Budget  
**Acct. #190-47400-56662**  
**Presenter:** Mr. Joseph Barbarotta  
**(Pages #71-73)**
7. To approve the Renewal of Contract #21565-2-2 to All American Waste, LLC, 15 Mullen Rd., Enfield, CT for On Call Dumpster Services at ESUMS, New Haven Academy and Dr. Mayo Early Learning School for FY 2019-2020, in an amount not to exceed \$26,500.  
**Funding Source:** 2019-2020 Operating Budget  
**Acct. #190-47400-56662**  
**Presenter:** Mr. Joseph Barbarotta  
**(Pages #74-76)**
8. To approve the Renewal of Contract #21579-2-2 to CT Controls Corp., 18 Industrial Park Road, Centerbrook, CT for On Call HVAC Controls Service for the NHPS for FY 2019-2020, in an amount not to exceed \$200,000.  
**Funding Source:** 2019-2020 Operating Budget  
**Acct. #190-47400-56624**  
**Presenter:** Mr. Joseph Barbarotta  
**(Pages #77-79)**
9. To approve the Renewal of Contract #21583-2-2 to Tri State Maintenance Services LLC, 356 Old Maple Avenue, No. Haven, CT for On-Call Generator Maintenance and Testing for the NHPS for FY 2019-2020, in an amount not to exceed \$50,000.  
**Funding Source:** 2019-2020 Operating Budget  
**Acct. #190-47400-56624**  
**Presenter:** Joseph Barbarotta  
**(Pages #80-82)**
10. To approve the Renewal of Contract #21588-2-2 to East Shore Glass, Inc., 132 Main St., New Haven, CT for On Call Glass Repair for the NHPS for FY 2019-2020, in an amount not to exceed \$95,000.  
**Funding Source:** 2019-2020 Operating Budget  
**Acct. #190-47400-56624**  
**Presenter:** Mr. Joseph Barbarotta  
**(Pages #83-85)**
11. To approve the Renewal of Contract #21611-2-2 to New Haven Pictograph, 1815 Ella Grasso Blvd., New Haven, CT for On-Call Audio Visual Services to the New Haven Public Schools for FY 2019-20, in an amount not to exceed \$50,000.  
**Funding Source:** 2019-2020 Capital Projects  
**Presenter:** Mr. Joseph Barbarotta  
**(Pages #86-88)**
12. To approve the Renewal of Contract #50483-2-2 to Consolidated Electric, 100 Wheeler St., Unit F, New Haven, CT for On Call P.A. Systems Repair Service for the NHPS for FY 2019-2020, in an amount not to exceed \$60,000.

**Funding Source:** 2019-2020 Operating Budget  
**Acct. #190-47400-56624**

**Presenter:** Mr. Joseph Barbarotta  
**(Pages #89-91)**

13. To approve the Renewal of Contract #50488ABC-2-2 for Snow Plowing for the NHPS for Fiscal Year 2019-20 to the following vendors:

| <u>Vendor</u>  | <u>An amount not to exceed:</u> |
|--|---------------------------------|
| (A) Concrete Creations, LLC<br>281 Chapel Street<br>New Haven, CT                  | \$141,980.00                    |
| (B) Tim's Enterprises LLC<br>39 Myrtle Ave.<br>Ansonia, CT                         | \$180,599.00                    |
| (C) Lior Excavating, LLC<br>129 Church St., Mezzane Floor, Unit 1<br>New Haven, CT | \$38,619.00                     |

**Funding Source:** 2019-2020 Operating Budget  
**Acct. #190-47400-56662**

**Presenter:** Mr. Joseph Barbarotta  
**(Pages #92-98)**

**C. PURCHASE ORDER**

1. To approve a Purchase Order under RFP #2019-02-1261 to Total Communications, 333 Burnham Street, East Hartford, CT to provide 310 Wireless Access Points for seven (7) New Haven Public Schools: Dr. Mayo Early Childhood School Seven (50) , Edgewood School (30), ESUMS (60), New Haven Academy (50), Strong School (50), Wilbur Cross High School (55) and Worthington Hooker (15) New Haven Public Schools for the period of , in an amount not to exceed \$156,767. . If E-Rate funding is awarded, the NHPS may receive a reimbursement for up to \$133,251.95 and the 15% share the NHPS would have to pay would be \$23,515.05.

**Funding Source:** 2019-2020 Capital Project – IT Dept.

**Presenter:** Mr. Kevin Moriarty  
**(Pages #99-107)**



NEW HAVEN PUBLIC SCHOOLS

## Memorandum

**To:** New Haven Board of Education Finance and Operations Committee  
**From:** Gemma Joseph Lumpkin  
**Date:** February 11, 2019  
**Re:** Junta for Progressive Action Agreement  
**Proposed Meeting Date:** March 18, 2019

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### **Executive Summary/ Statement:**

Junta will provide its array of services to homeless students and their families affected by Hurricane Harvey, Irma and María, through collaboration with New Haven Public Schools.

**Amount of Agreement and the Daily, Hourly or per Session Cost:** \$20,000.00- Weekday Sessions -\$294.00 per session and Saturday Sessions- \$416.00 per session

**Funding Source & Account #:** McKinney Vento Hurricane Education Relief AHCY

### **Key Questions:**

1. Please describe how this **service is strategically aligned** with school or District goals: It is aligned through priority areas # 1 academic achievement, # 4 culture and climate, # 5 family and community empowerment.
2. What **specific need** will this contractor address? Services to homeless students and their families affected by Hurricane Harvey, Irma and María.
3. **Contractor selection:** quotes, RFP, or Sole Source? Please describe: This is a Sole Source contractor.
4. What **specific skill set** does this contractor bring to the project? The contractor will support students in academics, language development, homework, social services, art therapy which includes parent engagement.
5. Is this a **new or continuation service**? This is a new service.
6. **Evidence of Effectiveness: How will the contractor's performance be evaluated?** The performance will be evaluated by assessment of student progress, language development, attendance in school, and family engagement.
7. If the service is a professional development program, can the training be provided internally, by district staff? If not, why not? N/A
8. Why do you believe this agreement is **fiscally sound**? The program is able to effectively assist and support dozens of students and their families throughout our schools.



NEW HAVEN PUBLIC SCHOOLS

**AGREEMENT**  
**By And Between**  
**The New Haven Board of Education**  
**AND**  
**Junta for Progressive Action**

FOR DEPARTMENT/PROGRAM:  
**Youth Family and Community Engagement**

This Agreement entered into on the 8<sup>th</sup> day of April, 2019, effective (*no sooner than the day after Board of Education Approval*), the 9<sup>th</sup> day of April, 2019, by and between the New Haven Board of Education (herein referred to as the "Board") and, Junta for Progressive Action located at, 169 Grand Ave, New Haven, CT 06513 (herein referred to as the "Contractor").

**Compensation:** The Board shall pay the contractor for satisfactory performance of services required the amount of \$294.00 per session during weekdays for a total of 34 sessions, and \$416.00 per session during Saturday for a total of 24 sessions.

The maximum amount the contractor shall be paid under this agreement: Twenty Thousand Dollars (\$20,000.00). Compensation will be made upon submission of an itemized invoice which includes a detailed description of work performed and date of service.

**Fiscal support** for this Agreement shall be by McKinney Vento Hurricane Education Relief AHCY **Program** of the New Haven Board of Education, **Account Number:** 2503-6305-56697 **Location Code:** \_0000

This agreement shall remain in effect from April 9, 2019 to June 30, 2019.

**SCOPE OF SERVICE:** *Describe service deliverables, including, locations and costs for service, including travel and supplies, if applicable. A detailed Scope of Service with pricing is attached).*

The two different programs will serve students from K-8; Neighborhood Place, and HACER for K-12 students. These two programs will have a total of 34 sessions during weekdays (4 days a week) and 24 sessions during Saturdays (3 sessions during 8 Saturdays).

**APPROVAL:** This Agreement must be approved by the New Haven Board of Education *prior to service start date*. Contactors may begin service no sooner than the day after Board of Education approval.

**HOLD HARMLESS:** The Contractor shall insure and/or indemnify the Board and its members, employees and agents against all claims, suits, and expenses, including reasonable attorney's fees, in connection with loss of life, bodily injury or property damage arising from any neglect act or omission of the Contractor or its employees or agents. Further, the Contractor covenants and agrees that it shall hold the Board and its members, employees and agents harmless against any and all claims, suits judgments of any description whatsoever caused by the Contractor' breach of this agreement or based upon the conduct of the Contractor, or its agents or its employees or arising out of in connection with their activities under this agreement.

**TERMINATION:** The Board may cancel this agreement for any reason upon thirty (30) days' written notice sent to the Contractor by certified U.S. mail, return receipt requested; provided however, that the Board shall be responsible to the Contractor for all services rendered by the Contractor through the last day of thirty (30) day notice period, as long as the Agreement was approved by the Board prior to the start date of service.

  
\_\_\_\_\_  
Contractor Signature

\_\_\_\_\_  
President  
New Haven Board of Education

3/25/19  
Date

\_\_\_\_\_  
Date

  
Contractor Printed Name & Title

Revised: 10/2/18

## **Scope of Services for Junta for Progressive Action**

### **Neighborhood Place**

The contract is for Junta to Provide Services to families and students affected by Hurricane Harvey, Irma and Maria. To provide a weekday education after school program to K-8 students, "The Neighborhood Place" will support students in language development, homework, social services, art therapy including parents in the services as well.

To provide Saturday Academy for students who arrived from hurricane devastated areas in the grades KG to 12<sup>th</sup>.

Junta proposes to provide its array of services to homeless students and their families through collaboration between New Haven Public Schools and Junta for Progressive Action. The primary scope of the work will be to stabilize the environment for homeless students and their families. Stabilization will alleviate family stress and provide students the opportunity to excel academically.

Rooted in the Latinx community, Junta for Progressive Action is a multi-service agency that collaborates with low-income families and individuals to improve their economic, social and civic situation in the greater New Haven area. In order to achieve our mission, Junta takes a whole person approach to service provision and engagement in community development.

### **JUNTA 360 (Social Services)**

Junta 360 serves as the single point of entry for all participants seeking services. All participants who seek services at Junta are screened for benefits and entitlements. Based on the results of the screening and the service sought by participants, a comprehensive service plan is developed.

Coordinated case management services seek to stabilize households by assisting participants with acquiring benefits and entitlements.

JUNTA 360 help participants acquire multiple governmental benefits, including Social Security Disability (SSD), Social Security Supplemental Income (SSI), Public Assistance (TANF/SAGA), SNAP, HUSKY, Energy Assistance, Housing, Childcare Assistance. Non-governmental services include access to the Junta sponsored monthly mobile food pantry in collaboration with CT Food Bank and referrals to other area food pantries; referrals for clothing; assistance with acquiring a free cell phone; participation in our monthly diaper bank; referrals for free or reduced furniture; and 211 registration.

JUNTA 360 collaborates with legal services providers to connect participants to free legal advice on civil matters through the Connecticut Women's Education and Legal Fund (CWEALF). Participants are advised on child support, child custody, divorce, eviction proceedings, orders of protections (DV), and appeals for SSD/SSI. Cases that require representation are referred to pro-bono or low-cost attorneys.



JUNTA 360 also collaborates with immigration legal providers, CT Shoreline Indivisible and New Haven Legal Assistance to provide immigrant participants with assistance on immigration matters. A dedicated Immigration Associate consults with participants on their cases to determine if legal representation is required. The Associate assists participants with document coordination for meetings with attorneys, interprets and laisses between participants and attorneys. Workshop on Know-Your-Rights and Family Preparedness are offered to address concerns immigrant participants may have as they acclimate.

### **JUNTA Rising (Community & Economic Development)**

JUNTA Rising collaborates with participants to engage in acquiring the skill sets necessary for economic advancement. Computer proficiency, financial literacy, language and educational acquisition are economic motivators that can propel the economic advancement of Latinx, immigrant, low-income and evacuee individuals.

ESL classes are offered to non-English speaking participants through Junta's relationships with Literacy Volunteers and New Haven Adult Education. Classes are held onsite at Junta during the day and in the evening at Fair Haven School. Bilingual GED will be offered in the evening at Junta to target working participants seeking job advancement. Two classes are offered to ensure there is an appropriate teacher to student ratio. Junta also registers participants for GED and Bilingual GED at New Haven Adult Education. The Adult Education Associate coordinates scheduling of classes, registering participants and facilitating the assessments for placement in classes. The Associate also tracks and records student performance.

Computer Literacy classes for adults are held in English and in Spanish. Participants learn the basic computer skills needed to succeed in today's job market. All students receive a certificate of completion at each level.

Bilingual Job Readiness Workshops, such as conducting an online job search, completing an employment application, presentation for interviews and mock interviews are scheduled throughout the year. Junta also collaborates with American Job Center at Workforce Alliance and local employers to connect participants to job leads.

Financial literacy actively engages participants in household budgeting; managing credit; the benefits of banking over check cashing; and the consideration of savings through a bank. Junta offers three cohorts of the FDIC Smart Money Curriculum in Spanish to provide participants with practical knowledge, skills-building opportunities, and resources they can use to manage their finances with confidence.

During Tax season, Junta serves as a VITA site. The program prepares tax returns for low-income clients at no cost. We also assist clients who don't have social security numbers in obtaining ITIN (Individual Tax Identification Numbers) so they can file their taxes.

Community is brought together to address issues facing families receiving services at Junta. Junta mobilizes participants to advocate for themselves around cuts to federal and state benefits and services; immigration; and community safety. Junta also collaborates with non-profit service providers, businesses and community members to provide better education and support for issues not covered under our current programs. Activities include health workshops, health screenings and family literacy events.

### **JUNTA Youth (Youth Development)**

Junta seeks to enrich the lives of youth and lay the foundation for the future of the Greater New Haven area.

The Neighborhood Place (TNP) helps working families and has multiple benefits for at-risk children: It gives them the opportunity to share positive experiences with others and offers creative outlets to improve their social, personal and academic growth. In addition, the program provides a safe place for children in the crucial hours when they leave school but their parents are still at work and cannot return home to take care of them.

Youth in Action (YIA) is a program designed to develop the leadership potential in every individual young adult. Young adults between the ages of 13-18 participate in different cohorts of Youth in Action to acquire the leadership skills to advocate for themselves and to find their voice around issues facing youth in the urban setting. Cohorts are designed to develop youth leaders of color, Latinx youth leaders, immigrant youth leaders and LGBTQ youth leaders. While developing their leadership skills, youth leaders work on finding ways to positively impact their environment. While engaging in the leadership curriculum, youth cohorts determine the ways to generate that impact. Teen leaders also engage in activities that promote college access, entrepreneurship and tech.

Big Turtle Village is a five-day free camping trip for children, ages 8-12 who do not have the economic means to attend summer camp. The program is run completely by volunteers and located at Devil's Hopyard State Park in East Haddam, Connecticut. The camp introduces children to the natural environment through workshops that encourage children to advocate for their health, the environment and its preservation.

## **Proyecto Hacer**

Temas: Hostos y otros próceres, Arte, Cultura, Empoderamiento y Reencuentro (HACER)

Mission: A project to stimulate the brain of Young People (KG – 12<sup>th</sup> grade) to reencounter themselves through the exploration of the arts, culture, leadership academic enrichment development, service engagement and research phenomena within and in intersection with the Latino experience in the USA.

Vision: HACER participants will learn about people like them who have change the condition of life. We aim at developing students' skills in plastic arts, movement, instrumental performance, communication and critical thinking and help them to be appreciative of the arts and cultures that elevate the individual to seek empowerment and pursue investigating to reencounter their ethnical roots.

### **Program components**

Weekly seminars on arts-related activities, dance, instrumental,

Weekly seminars on remarkable people and events that have forge the Puerto Rican and Latino Experience

Weekly seminars on Language arts in Spanish and English: poetry and prose to support English language Learners and cultivate a love of the Spanish language through a critical thinking approach that will allow for students to form an understanding of the Latino thought.

Attendance of diverse arts events available in our community,

### **Learning Outcomes**

We aim to equip students with the skills to become the next generation of educators artists, thinkers, and audience members. In addition, to learning about language arts and art forms our young Adolescent students will learn to think and speak critically about the themes of various art offerings, classes, talks, and performances, and ultimately organize and lead their own events during the spring as their culminating activity. Our younger participants will learn about music, movement, poetry, history, culture. We hope that this will generate a sense of pride of self and community.

### **Instructional Methodology**

The methodology for teaching will be in the form of creative activities, experiential in nature and with a project based approach in form of performances and or displayed work. Beyond the creative experiences we will use videos, presentations, demonstrations and expert performances. Older students will mentor younger students some of the time. Assessment types will include

positive feedback to help students develop their skills and talent, family gatherings and public performances. We hope that this will generate a sense of pride of self and community.

### **Attendance and Classroom Expectations**

Students are expected to be on time and present for all classes. If you do need to miss a class for an excused absence, we will need communication from a parent/legal guardian.

### **Parental Involvement**

Parent participation will be in the form of audience, volunteers and promoters. It is expected that families celebrate their children participation in the program and invite friends and extended family to performances and presentations.

#### **A Typical Program Day**

|            |  |
|------------|--|
| 5 minutes  | Students will arrive at 12:30 p.m. on Saturday and sign in   |
| 20 minutes | Whole group gathering at 12:35 p.m. check in (reunión en el batey), program song and news (Pregones).    |
| 50 minutes | 1 <sup>st</sup> Class three choices, art, music, dance or poetry 1:00-1:50<br>(5 minutes for regrouping) |
| 50 minutes | 2 <sup>nd</sup> Class three choices, art, music, dance or poetry 1:55-2:45                               |
| 15 minutes | Whole group gathering at 2:45 p.m. check in (reunión en el batey), program song and news (Pregones).     |



**NEW HAVEN PUBLIC SCHOOLS**

**EXHIBIT B**

**STUDENT DATA PRIVACY AGREEMENT  
SPECIAL TERMS AND CONDITIONS**

For the purposes of this Exhibit B "directory information," "de-identified student information," "school purposes," "student information," "student records," "student-generated content," and "targeted advertising" shall be as defined by Conn. Gen. Stat. §10-234aa.

1. All student records, student information, and student-generated content (collectively, "student data") provided or accessed pursuant this Agreement or any other services agreement between the Parties are not the property of, or under the control of, the Contractor.
2. The Board shall have access to and the ability to delete student data in the possession of the Contractor except in instances where such data is (A) otherwise prohibited from deletion or required to be retained under state or federal law, or (B) stored as a copy as part of a disaster recovery storage system and that is (i) inaccessible to the public, and (ii) unable to be used in the normal course of business by the Contractor. The Board may request the deletion of any such student information, student records or student-generated content if such copy has been used by the operator to repopulate accessible data following a disaster recovery. The Board may request the deletion of student data by the contractor within two (2) business days of receiving such a request and provide to the Board confirmation via electronic mail that the student data has been deleted in accordance with the request, the date of its deletion, and the manner in which it has been deleted. The confirmation shall contain a written assurance from the Contractor that proper disposal of the data has occurred in order to prevent the unauthorized access or use of student data and that deletion has occurred in accordance with industry standards/practices/protocols.
3. The Contractor shall not use student data for any purposes other than those authorized pursuant to this Agreement.
4. A student, parent or legal guardian of a student may review personally identifiable information contained in student data and correct any erroneous information, if any, in such student data. If the Contractor receives a request to review student data in the Contractor's possession directly from a student, parent, or guardian, the Contractor agrees to refer that individual to the Board and to notify the Board within two (2) business days of receiving such a request. The Contractor agrees to work cooperatively with the Board to permit a student, parent, or guardian to review personally identifiable information in student data that has been shared with the Contractor, and correct any erroneous information therein.

5. The Contractor shall take actions designed to ensure the security and confidentiality of student data.
6. The Contractor will notify the Board, in accordance with Conn. Gen. Stat. § 10-234dd, when there has been an unauthorized release, disclosure or acquisition of student data. Such notification will include the following steps:

Upon discovery by the Contractor of a breach of student data, the Contractor shall conduct an investigation and restore the integrity of its data systems and, without unreasonable delay, but not more than thirty (30) days after such discovery, shall provide the Board with a more detailed notice of the breach, including but not limited to the date and time of the breach; name(s) of the student(s) whose student data was released, disclosed or acquired; nature of and extent of the breach; and measures taken to ensure that such a breach does not occur in the future.

7. Student data shall not be retained or available to the Contractor upon expiration of the contract between the Contractor and Board, except a student, parent or legal guardian of a student may choose independently to establish or maintain an electronic account with the Contractor after the expiration of such contract for the purpose of storing student-generated content.
8. The Contractor and Board shall each ensure their own compliance with the Family Educational Rights and Privacy Act of 1974, 20 U.S.C. § 1232g, as amended from time to time.
9. The Contractor acknowledges and agrees to comply with the above and all other applicable aspects of Connecticut's Student Data Privacy law according to Connecticut General Statutes §§ 10-234aa through 10-234dd.
10. The Parties agree that this Agreement controls over any inconsistent terms or conditions contained within any other agreement entered into by the Parties concerning student data.

Revised: 10/2/18



NEW HAVEN PUBLIC SCHOOLS

## Memorandum

**To:** New Haven Board of Education Finance and Operations Committee  
**From:** Mary Derwin  
**Date:** March 18, 2019  
**Re:** Lakeshore Learning Agreement  
**Proposed Meeting Date:** April 8, 2019

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### **Executive Summary/ Statement:**

Lakeshore will perform 33 Head Start classroom observations using the CLASS Observational Tool. The CLASS tool measures three domains of effective teacher/child interactions; emotional support, classroom organization and instructional support. Observations will be conducted by reliable assessors certified by CLASS. They will provide disaggregated data, analysis and feedback prepared in binders by site/room/teacher and programmatically. They will follow up with individual and/or group feedback sessions. The CLASS Observational Assessment is required to be conducted annually in all Head Start Programs in accordance with Head Start Performance Standards. Research has proven that children in classrooms that score higher on the CLASS tool make greater gains in early literacy, math and language development. Children in these higher-scoring classrooms show more positive social development than their peers.

**Amount of Agreement and the Daily, Hourly or per Session Cost: \$1750 per specialist x 24 sessions**

**Funding Source & Account #: Head Start Federal, PA22 - 2532-5279-56694**

### **Key Questions:**

1. Please describe how this service is strategically aligned with school or District goals:

Research has proven that children in classrooms that score higher on the CLASS tool make greater gains in early literacy, math and language development. Children in these higher-scoring classrooms show more positive social development than their peers. Within each of the three domains of the class tool; emotional support, classroom observation and instructional support, there are multiple dimensions that focus on different aspects of teacher-child interactions. Each of these dimensions include a set of effective teaching practices. Use of the scores helps inform professional development, individual goal setting, coaching and program improvement which ultimately will improve child outcomes and ensure readiness for school. School readiness is a district goal and is also aligned with the City Transformation Plan for Early Childhood.

2. What **specific need** will this contractor address?

The contractor will fulfill the requirements of Head Start Performance Standards 1302.101 and 1302.102 regarding and related to professional development, management systems, and the continuous cycle of improvement through the use of data to improve student outcomes.

3. **Contractor selection:** quotes, RFP, or Sole Source? Please describe:

The contractor was selected by obtaining three competitive quotes.

4. What **specific skill set** does this contractor bring to the project?

The contractor provides multiple assessors that are certified in the administration of the CLASS Observation Tool. They hold certification verifying they have taken the necessary coursework and have passed a required assessment verifying they are reliable and valid assessors.

5. Is this a **new or continuation service**?

This is an annual service required by Head Start Performance Standards. This is the first time we have contracted with this vendor for this purpose. They have provided other professional development sessions for the program.

6. **Evidence of Effectiveness: How will the contractor's performance be evaluated?**

The contractor's performance will be judged by their performance, reports, data analysis and substantive feedback to individuals, groups and the program as a whole. Teachers will be surveyed as to the effectiveness of their individual feedback based on the following attributes; is it specific immediate, actionable and tied to learning goals..

7. If the service is a professional development program, can the training be provided internally, by district staff? If not, why not?

CLASS Observations are best performed by external assessors for consistency and objectivity. Instructional coaches have been trained in CLASS to support teachers using the data and feedback received. Use of external assessors is important to preserve a true coaching relationship, not one that is perceived as evaluative.

8. Why do you believe this agreement is **fiscally sound**?

This agreement is fiscally sound. This vendor was selected using the competitive bid process. It was the best fiscal choice based on their availability; comprehensive services, scope, timely feedback and reports provided. The CLASS Observational Assessment is required to be conducted annually in all Head Start Programs in accordance with Head Start Performance Standards.





NEW HAVEN PUBLIC SCHOOLS

**AGREEMENT**  
**By And Between**  
**The New Haven Board of Education**  
**AND**  
**Lakeshore Learning Materials**

FOR DEPARTMENT/PROGRAM:  
**New Haven Public Schools Head Start**

This Agreement entered into on the 19<sup>th</sup> day of March, 2019, effective (*no sooner than the day after Board of Education Approval*), and the 9<sup>th</sup> day of April, 2019, by and between the New Haven Board of Education (herein referred to as the "Board" and, Lakeshore Learning Materials located at, 2695 Dominguez Street, Carson, CA 90895 (herein referred to as the "Contractor").

**Compensation:** The Board shall pay the contractor for satisfactory performance of services required the amount of \$ 1,750. per day, for a total of 24 sessions.

The maximum amount the contractor shall be paid under this agreement: Forty Two Thousand Dollars (\$ 42,000.). Compensation will be made upon submission of an itemized invoice which includes a detailed description of work performed and date of service.

**Fiscal support** for this Agreement shall be by New Haven Public Schools Head Start Program of the New Haven Board of Education, **Account Number:** 2532 - 5279 -56694 **Location Code:** 0443.

This agreement shall remain in effect from April 9, 2019 to June 30, 2019.

**SCOPE OF SERVICE:** *Describe service deliverables, including, locations and costs for service, including travel and supplies, if applicable. A detailed Scope of Service with pricing is attached).*

(See attached)

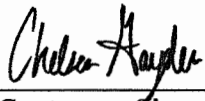
*Exhibit A: Scope of Service: Please attach contractor's detailed Scope of Service with all costs for services including travel and supplies, if applicable.*

*Exhibit B: Student Data and Privacy Agreement: Attached*

**APPROVAL:** This Agreement must be approved by the New Haven Board of Education *prior to service start date*. Contractors may begin service no sooner than the day after Board of Education approval.

**HOLD HARMLESS:** The Contractor shall insure and/or indemnify the Board and its members, employees and agents against all claims, suits, and expenses, including reasonable attorney's fees, in connection with loss of life, bodily injury or property damage arising from any neglect act or omission of the Contractor or its employees or agents. Further, the Contractor covenants and agrees that it shall hold the Board and its members, employees and agents harmless against any and all claims, suits judgments of any description whatsoever caused by the Contractor' breach of this agreement or based upon the conduct of the Contractor, or its agents or its employees or arising out of in connection with their activities under this agreement.

**TERMINATION:** The Board may cancel this agreement for any reason upon thirty (30) days' written notice sent to the Contractor by certified U.S. mail, return receipt requested; provided however, that the Board shall be responsible to the Contractor for all services rendered by the Contractor through the last day of thirty (30) day notice period, as long as the Agreement was approved by the Board prior to the start date of service.



Contractor Signature

3-19-2019

Date

Chelsea Gayden, Bid Analyst

Contractor Printed Name & Title

\_\_\_\_\_  
President New Haven Board of Education

\_\_\_\_\_  
Date

Revised: 10/2/18



**NEW HAVEN PUBLIC SCHOOLS**

**EXHIBIT B**

**STUDENT DATA PRIVACY AGREEMENT  
SPECIAL TERMS AND CONDITIONS**

For the purposes of this Exhibit B "directory information," "de-identified student information," "school purposes," "student information," "student records," "student-generated content," and "targeted advertising" shall be as defined by Conn. Gen. Stat. §10-234aa.

1. All student records, student information, and student-generated content (collectively, "student data") provided or accessed pursuant this Agreement or any other services agreement between the Parties are not the property of, or under the control of, the Contractor.
2. The Board shall have access to and the ability to delete student data in the possession of the Contractor except in instances where such data is (A) otherwise prohibited from deletion or required to be retained under state or federal law, or (B) stored as a copy as part of a disaster recovery storage system and that is (i) inaccessible to the public, and (ii) unable to be used in the normal course of business by the Contractor. The Board may request the deletion of any such student information, student records or student-generated content if such copy has been used by the operator to repopulate accessible data following a disaster recovery. The Board may request the deletion of student data by the contractor within two (2) business days of receiving such a request and provide to the Board confirmation via electronic mail that the student data has been deleted in accordance with the request, the date of its deletion, and the manner in which it has been deleted. The confirmation shall contain a written assurance from the Contractor that proper disposal of the data has occurred in order to prevent the unauthorized access or use of student data and that deletion has occurred in accordance with industry standards/practices/protocols.
3. The Contractor shall not use student data for any purposes other than those authorized pursuant to this Agreement.
4. A student, parent or legal guardian of a student may review personally identifiable information contained in student data and correct any erroneous information, if any, in such student data. If the Contractor receives a request to review student data in the Contractor's possession directly from a student, parent, or guardian, the Contractor agrees to refer that individual to the Board and to notify the Board within two (2) business days of receiving such a request. The Contractor agrees to work cooperatively with the Board to permit a student, parent, or guardian to review personally identifiable information in student data that has been shared with the Contractor, and correct any erroneous information therein.

5. The Contractor shall take actions designed to ensure the security and confidentiality of student data.
6. The Contractor will notify the Board, in accordance with Conn. Gen. Stat. § 10-234dd, when there has been an unauthorized release, disclosure or acquisition of student data. Such notification will include the following steps:

Upon discovery by the Contractor of a breach of student data, the Contractor shall conduct an investigation and restore the integrity of its data systems and, without unreasonable delay, but not more than thirty (30) days after such discovery, shall provide the Board with a more detailed notice of the breach, including but not limited to the date and time of the breach; name(s) of the student(s) whose student data was released, disclosed or acquired; nature of and extent of the breach; and measures taken to ensure that such a breach does not occur in the future.

7. Student data shall not be retained or available to the Contractor upon expiration of the contract between the Contractor and Board, except a student, parent or legal guardian of a student may choose independently to establish or maintain an electronic account with the Contractor after the expiration of such contract for the purpose of storing student-generated content.
8. The Contractor and Board shall each ensure their own compliance with the Family Educational Rights and Privacy Act of 1974, 20 U.S.C. § 1232g, as amended from time to time.
9. The Contractor acknowledges and agrees to comply with the above and all other applicable aspects of Connecticut's Student Data Privacy law according to Connecticut General Statutes §§ 10-234aa through 10-234dd.
10. The Parties agree that this Agreement controls over any inconsistent terms or conditions contained within any other agreement entered into by the Parties concerning student data.

Revised: 10/2/18



## **New Haven Department of Education**

### **Professional Development Proposal**

#### **CLASS Observation Support**

Lakeshore is proud to partner with New Haven Department of Education to support teachers and administrators who provide the greatest impact for children in creating a professional development structure to support long term change. We are grateful for your partnership in education and would like to offer additional support for data driven decision making.

Lakeshore is focused on supporting your program in building capacity for long term success. Therefore, all professional development is customized; driven by your data and needs. Customizable options for training include but are not limited to topic, duration, ongoing series of events, in person vs. virtual, group size and so on. However, some of the constants include high levels of engagement, hands-on activities, collegial collaboration and ongoing support. The following proposal is based on initial discussions regarding your request regarding support for CLASS Observations. As we discussed, the options are endless, so please don't feel limited by the options below, we can talk through other needs you might have or desire.

#### **Customized Solutions for New Haven**

It is important for our offerings to be flexible as "canned" presentations often do not fit your needs directly. Through our discussion we would like to offer the following for consideration, while keeping in mind, this is a starting point and can be adjusted to your needs. All Lakeshore CLASS observers are guaranteed to have current reliability for the observations they are completing.

#### **CLASS Options**

Number of observation cycles per classroom: Two per classroom

Number of classrooms: 33 PreK classrooms

Data: raw, disaggregated, analysis, etc. in binders by program, site, room/teacher

Feedback: group/individual in both verbal and written format (as soon after observation as possible)

Follow-up: options for coaching and "data party"

#### **Pricing**

Lakeshore offers all inclusive pricing (time, travel, facilitation, development, data analysis, data binders)

# Lakeshore®

As mentioned in our conversation, we are open to negotiations in order to meet your budget constraints. We would also like to offer the difference between our agreed upon rate and the standard rate to you in in-kind dollars to benefit your program.

We estimate **12 full days** of onsite observations (minimum of three classrooms per day with onsite teacher feedback and travel time between 12 of the sites). Therefore, we'd like to offer you a significant discount as we can minimize travel costs when we are able to perform consecutive days.

Full-day standard rate (more than three hours of facilitation): \$3,500/specialist

Full-day discounted rate for New Haven (12 days total onsite): \$1750/specialist/day

## ***Proposed cost***

*\$1,750/specialist/day x 12 days = \$21,000*

*Discount offered back in In-kind dollars = \$21,000*

*Value of service \$3,500 x 12 days = \$42,000*

## **Timeline**

As discussed, we are estimating a January/February timeline, we are open to consider other options.

## **Summary**

It is our goal to provide you with customizable options to accommodate your accountability needs and program goals that will support your need to build capacity.

Please contact your Regional Manager, Tyler Bickford at 401.450.5800, Jenna Sekerak at 216.630.8757 or Alesha Henderson, PSG Manager, at 623.738.9664 for more information and to schedule your upcoming events. We look forward to partnering with you to accomplish professional development goals!

# Lakeshore<sup>®</sup>

PROFESSIONAL SERVICES GROUP



**Sara Beach, M.Ed.**  
Professional Development Consultant  
synapseearlylearning@gmail.com

Sara Beach works as an independent early childhood consultant and trainer, specializing in instructional leadership and supports. With an early education background spanning nearly 30 years, Ms. Beach brings a wealth of knowledge and expertise to her current work with programs, districts, and states.

For 25 years, Ms. Beach taught a wide range of Early Childhood Education courses (adjunct) in both community college and university settings, and also did extensive training of teachers and directors for the Illinois Trainers Network (QRIS) for many years as well. Her background also includes a three-year stint with the National Center for Research in Early Childhood Education, (University of Virginia) working as an instructor and a coach for the My Teaching Partner research study (Pianta & Hamre, et al). She recently helped to lead and administer Lead Learn Excel, Illinois' statewide Race-To-Top-funded quality initiative.

Ms. Beach is a member of the state's Professional Development Advisory Committee (PDAC), which provides policy and guidance for Gateways and ExceleRate IL. She currently is a certified Master level trainer for CLASS at the Infant, Toddler, Pre-K and K-3 levels; a certified trainer for Creative Curriculum, Teaching Strategies Gold, ECERS-3, Teaching Pyramid Observation Tool (TPOT), and Pyramid, through The Center. With a wealth of knowledge and experience, Sara captivates audiences nation-wide. She provides hands-on engaging professional development that ignites an excitement in teachers to implement new strategies in their classrooms right away!



Professional Development



Custom Solutions



Conferences & Workshops



**NEW HAVEN PUBLIC SCHOOLS**

**EXHIBIT B**

**STUDENT DATA PRIVACY AGREEMENT  
SPECIAL TERMS AND CONDITIONS**

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5. The Contractor shall take actions designed to ensure the security and confidentiality of student data.
6. The Contractor will notify the Board, in accordance with Conn. Gen. Stat. § 10-234dd, when there has been an unauthorized release, disclosure or acquisition of student data. Such notification will include the following steps:

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8. The Contractor and Board shall each ensure their own compliance with the Family Educational Rights and Privacy Act of 1974, 20 U.S.C. § 1232g, as amended from time to time.
9. The Contractor acknowledges and agrees to comply with the above and all other applicable aspects of Connecticut's Student Data Privacy law according to Connecticut General Statutes §§ 10-234aa through 10-234dd.
10. The Parties agree that this Agreement controls over any inconsistent terms or conditions contained within any other agreement entered into by the Parties concerning student data.

Revised: 10/2/18



**NEW HAVEN PUBLIC SCHOOLS**

**AGREEMENT**

**By And Between**

**The New Haven Board of Education**

**AND**

**District Management Group, LLC**

**FOR DEPARTMENT/PROGRAM:**

**Office of Superintendent**

This Agreement entered into on the 28<sup>th</sup> day of March 2019, effective (*no sooner than the day after Board of Education Approval*), and the 9th day of April, 2019, by and between the New Haven Board of Education (herein referred to as the “Board” and, District Management Group, LLC, located at, 133 Federal Street, Boston, MA 02110 (herein referred to as the “Contractor”).

**Compensation:** The Board shall pay the contractor for satisfactory performance of services required the amount of \$10,000 Assessment: Understanding district context and priorities; \$7,000 Data Collection from 10 high schools; \$20,000 Completed staff analysis for 2 high schools. Invoicing based on completed of each deliverable.

The maximum amount the contractor shall be paid under this agreement: Thirty-seven Thousand and no cents (\$37,000). Compensation will be made upon submission of an itemized invoice which includes a detailed description of work performed and date of service.

**Fiscal support** for this Agreement shall be by **Alliance Program** of the New Haven Board of Education, **Account Number:** 2547-6106-56694 **Location Code:** 0000.

This agreement shall remain in effect from April 9, 2019 to June 30, 2019.

**SCOPE OF SERVICE:** *Describe service deliverables, including, locations and costs for service, including travel and supplies, if applicable. A detailed Scope of Service with pricing is attached).*

To provide Phase 1 of a two phase high school staffing analysis, including consultation on district context and priorities; data collection from 10 high schools, and a completed staffing analysis for two high schools. A detailed Scope of Service is attached.


**Exhibit A: Scope of Service:** Please attach contractor's detailed Scope of Service with all costs for services including travel and supplies, if applicable.

**Exhibit B: Student Data and Privacy Agreement:** Attached

**APPROVAL:** This Agreement must be approved by the New Haven Board of Education *prior to service start date*. Contractors may begin service no sooner than the day after Board of Education approval.

**HOLD HARMLESS:** The Contractor shall insure and/or indemnify the Board and its members, employees and agents against all claims, suits, and expenses, including reasonable attorney's fees, in connection with loss of life, bodily injury or property damage arising from any neglect act or omission of the Contractor or its employees or agents. Further, the Contractor covenants and agrees that it shall hold the Board and its members, employees and agents harmless against any and all claims, suits judgments of any description whatsoever caused by the Contractor' breach of this agreement or based upon the conduct of the Contractor, or its agents or its employees or arising out of in connection with their activities under this agreement.

**TERMINATION:** The Board may cancel this agreement for any reason upon thirty (30) days' written notice sent to the Contractor by certified U.S. mail, return receipt requested; provided however, that the Board shall be responsible to the Contractor for all services rendered by the Contractor through the last day of thirty (30) day notice period, as long as the Agreement was approved by the Board prior to the start date of service.

  
\_\_\_\_\_  
Contractor Signature

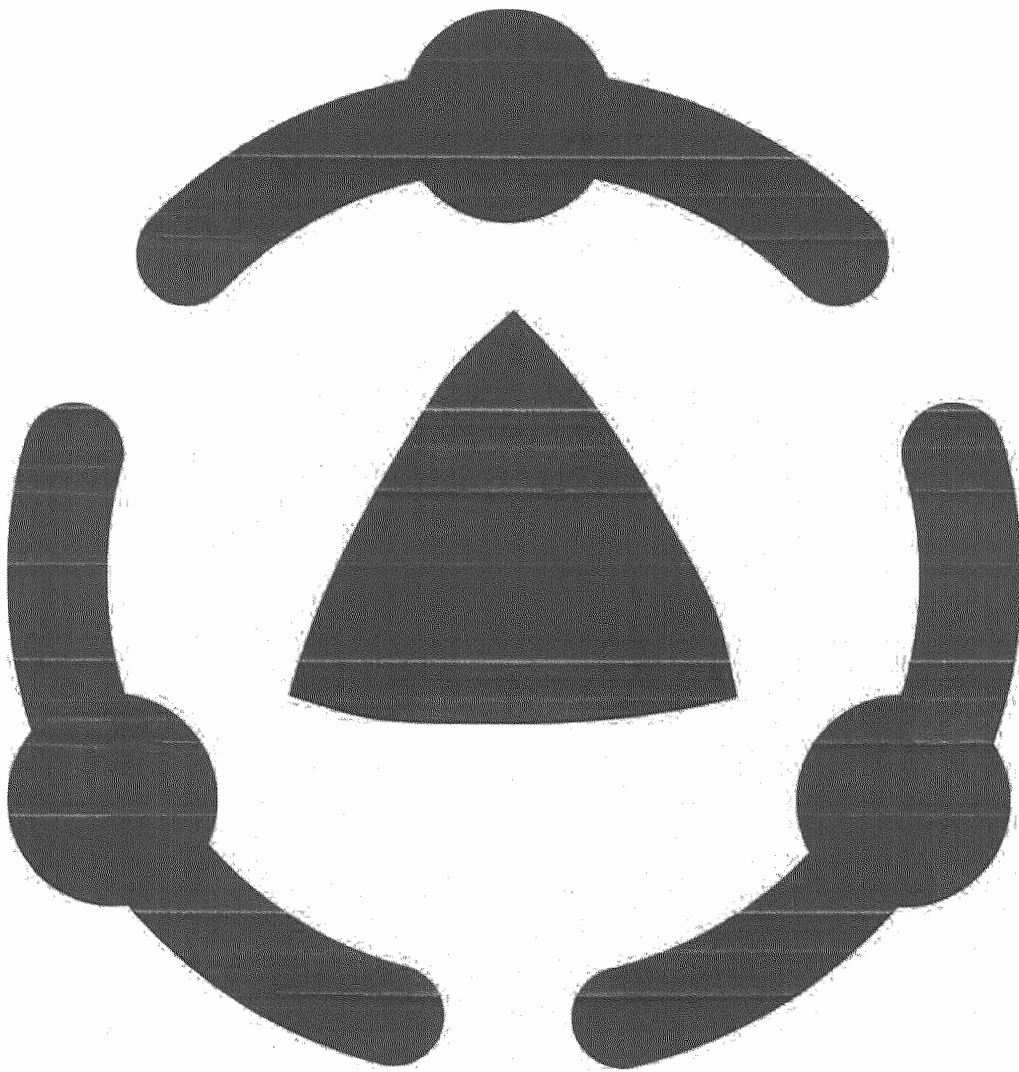
\_\_\_\_\_  
President  
New Haven Board of Education

5/28/19  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

Adam Anderson, Chief Operating Officer  
Contractor Printed Name & Title

Revised: 10/2/18



# High School Staffing Analysis

Proposal for

## New Haven Public Schools

March 27, 2019



## Scope of Services

Effective utilization of staff and student time is critical to student achievement, yet more often than not, schedules act as barriers to instruction. Principals strive to implement what they know is best for student learning while also trying to fit in an ever-mounting number of required programs and interventions.

Our supports do not layer a new initiative on top of all that is already expected, but rather provide the support and expertise to help leaders do their current jobs more effectively and more quickly than ever before. Our experience shows that when districts and/or schools set clear, coherent priorities paired with scheduling expertise, many highly-desired goals that had seemed unattainable can in fact be achieved in virtually every school without increasing costs or lengthening the school day.

### *High School Staffing Analysis*

Effectively and efficiently staffing high schools is a complex task because the need is based on a combination of four key inputs: 1) course offerings, 2) course enrollment, 3) rules and guidelines for teaching load and 4) desired class size.

For example, if 300 students enroll in English 1, and teachers are expected to teach five periods a day, and the district targets 25 students per class, then 2.4 FTE English teachers are required for this course. If the process is repeated for every course, precise staffing requirements can be calculated.

Unfortunately, reality is more complicated than this straight forward example. Different types of courses have different target class sizes, such as intervention vs. AP, and some teachers can teach all courses in a department (e.g. math teachers), while others can only teach some courses in a department (e.g. French teachers in the world languages department) and yet others can teach one specific subject plus certain electives outside their subject, such as chemistry teachers who can also teach a general STEM course. DMGroup analysis manages this complexity in order to answer key questions such as:

- How much staff is needed in each department based on student needs and district set class size guidelines?
- How much staff is needed by specific certification for departments like science and world languages?
- Which staff are overloaded based on total students served?
- To what extent are there opportunities to reduce the cost without reducing offerings in low enrollment classes?
- Which departments have capacity to offer more course offerings, expanded intervention or new enrichment services?
- How should shifts in enrollment also shift staffing needs?

This analysis is based on district-set staffing and class size guidelines. There are no right or wrong staffing guidelines, just as some districts set different class size targets or expect teachers to teach more or fewer classes each week. DMGroup will share the range of practices we see from across the



country and help facilitate district leaders creating staffing and workload guidelines that reflect the district's priorities, culture, context, collective bargaining and service delivery model.

Many districts have significant hidden staffing inefficiencies due to their scheduling or course offering practices. This ties up funds in ways that do not benefit students or teachers. Often, these inefficient practices creep into school schedules slowly over time. The challenge is compounded in that the person often tasked with building the master schedule (e. g. principal or assistant principal) may not have authority over key factors, such as course offerings or department level staffing.

Sometimes, financial inefficiencies are the result of scheduling in silos, with each school or department not taking a district view of the impact on staffing or budgets. What's best for each school or department may not be best for the district as a whole.

The analysis will also help answer important questions including:

- Do all staff have full workloads?
- Are existing class size guidelines reflected in the schedule?
- Can existing staff provide more offerings to students such as interventions or electives?
- Do any policies or practices raise costs without adding equal benefit to students or staff?
- Does the district pay extra for teacher collaboration or student intervention that could be scheduled at no added cost?

### ***Timeline***

In order to complete Phase 1 work by June 30, 2019, the engagement will be contingent upon:

- Obtaining data within 2 weeks of initial data request
  - Immediately following the project kickoff, our team will make a data request to each school. Electronic spreadsheets will be provided to help capture the necessary data
- Scheduling 1-hour phone calls with each principal (or school leaders who are most familiar with the staffing data) within 2 weeks of call requests
  - After receiving initial data, our team will perform preliminary analysis, and will work with each school's leaders to discuss any potential additional data that might assist the analysis
- School points of contact respond timely to any follow-up questions



# Pricing Proposal

## Pricing and Terms

The proposed scope of work is divided into two phases. The total cost for **Phase 1** is **\$37,000**. Phase 1 includes three discrete steps. The district will be invoiced upon completion of each step as follows:

- Understanding the district context and priorities - *\$10,000*
- Collecting data from 10 high schools - *\$7,000*
- Completed staffing analysis for 2 high schools - *\$20,000*

Phase 2 includes the completed staffing analysis for the remaining 8 high schools. The total cost for providing the services outlined in **Phase 2** is **\$113,000**.

The pricing in this proposal will remain valid for 90 days from the date of the proposal. If the proposal is not agreed and signed within 90 days, the offer made herein expires and pricing and availability of services cannot be guaranteed.

*A late fee of 1.5% per month will be assessed for invoices over 60 days.*

Accepted by:

District \_\_\_\_\_

Name \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

Accepted by:

District Management Group \_\_\_\_\_

Name \_\_\_\_\_

Signature \_\_\_\_\_

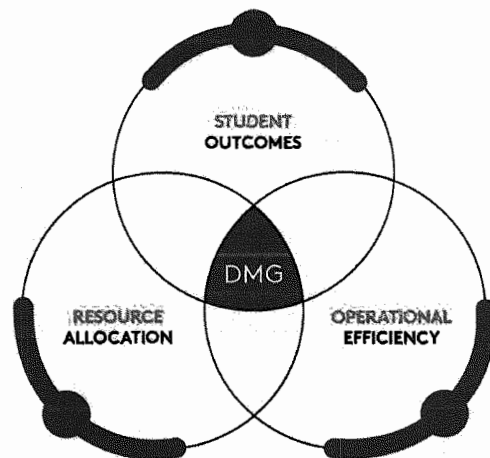
Date \_\_\_\_\_



## About District Management Group

Founded in 2004, District Management Group seeks to address the most important management challenges facing American public school leaders. The leaders of our school systems are charged with the enormous responsibility of providing students with the resources to succeed in school and beyond. To achieve this, district and school leaders must not only be great educators, they must also be great managers. District Management Group seeks to provide district leaders with the best management techniques and educational practices to produce measurable, sustainable improvements that help schools and students thrive.

Our unwavering focus is on solutions that improve student outcomes, and simultaneously enhance operational efficiency and resource allocation. Achieving only one of these objectives in isolation is not enough. It is in achieving these three objectives simultaneously that improvements in student outcomes and the public education system as a whole can be made sustainable. To achieve these objectives, District Management Group engages with districts in different ways:



### *Learning*

District Management Group supports superintendents, district leaders, and school leaders with information and learning opportunities.

- **Professional Development** opportunities for school and district leaders includes conferences as well as in-district one and two-day workshops, leadership academies, and custom professional learning programs
- **Best Practice Resources** includes print and digital subscriptions to our signature publication *District Management Journal* as well as case studies, articles, and toolkits.

### *Membership*

Becoming a member of District Management Council provides unique opportunities to be with like-minded peers and to learn together and from each other. Membership also provides forward-thinking district leaders with access to expert advice on an as-needed basis and extended professional learning opportunities including our annual Superintendents' Strategy Summit.

### *Services*

District Management Group's combination of deep expertise, unique data-driven approaches, and software solutions can help districts address challenges in the following areas:

- Elementary and Secondary Scheduling
- Special Education
- Strategic Planning
- Program Evaluation
- Strategic Budgeting
- Systemic improvement supported by custom consulting to help districts achieve strategic priorities



## District Management Group

### Our Values



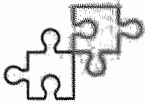
#### ➤ Partnership

We believe in partnering with school districts to achieve results. While districts may share common objectives and face similar challenges, each district is unique, with its own history, culture, and ways of working. We get to know our partner districts, tailor solutions and implementation plans, and form long-term partnerships.



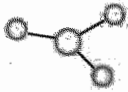
#### ➤ Achieving Results

Our work does not end with a report. For us, the measure of our success is client satisfaction and real results for students and schools. As we partner with districts, we seek to strengthen capacity. If desired, we work with districts to implement recommendations and facilitate change management.



#### ➤ Collaboration

We believe we know more together than we do alone. That is why we draw on best practices from the education sector as well as the private sector and public sector and collaborate with a nationwide network of school districts.



#### ➤ Systems Thinking

School districts are complex organizations. We believe that true and enduring solutions require looking beyond the specific challenge at hand and taking a broader, systemic view.

**District Management Group partners with public school districts to bring about transformational, measurable, and sustainable improvement to help schools and students thrive.**

*Learn more about us at [www.dmggroupK12.com](http://www.dmggroupK12.com), or please contact us toll free at 877-362-3500 or email us at [info@dmggroupK12.com](mailto:info@dmggroupK12.com).*

**District Management Group combines management techniques and education best practices to produce measurable, sustainable improvements that help schools and students thrive.**





**NEW HAVEN PUBLIC SCHOOLS**

**EXHIBIT B**

**STUDENT DATA PRIVACY AGREEMENT  
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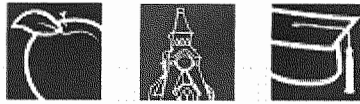
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6. The Contractor will notify the Board, in accordance with Conn. Gen. Stat. § 10-234dd, when there has been an unauthorized release, disclosure or acquisition of student data. Such notification will include the following steps:

Upon discovery by the Contractor of a breach of student data, the Contractor shall conduct an investigation and restore the integrity of its data systems and, without unreasonable delay, but not more than thirty (30) days after such discovery, shall provide the Board with a more detailed notice of the breach, including but not limited to the date and time of the breach; name(s) of the student(s) whose student data was released, disclosed or acquired; nature of and extent of the breach; and measures taken to ensure that such a breach does not occur in the future.

7. Student data shall not be retained or available to the Contractor upon expiration of the contract between the Contractor and Board, except a student, parent or legal guardian of a student may choose independently to establish or maintain an electronic account with the Contractor after the expiration of such contract for the purpose of storing student-generated content.
8. The Contractor and Board shall each ensure their own compliance with the Family Educational Rights and Privacy Act of 1974, 20 U.S.C. § 1232g, as amended from time to time.
9. The Contractor acknowledges and agrees to comply with the above and all other applicable aspects of Connecticut's Student Data Privacy law according to Connecticut General Statutes §§ 10-234aa through 10-234dd.
10. The Parties agree that this Agreement controls over any inconsistent terms or conditions contained within any other agreement entered into by the Parties concerning student data.

Revised: 10/2/18



## NEW HAVEN PUBLIC SCHOOLS

### Memorandum

**To:** Finance and Operations Committee  
**From:** Kevin Moriarty, IT Manager  
**Re:** F&O Agenda Item Request/Approval for Agreement for Leased Fiber Circuit WAN Solution RFP#2019-12-1248  
**Meeting Date:** April 1, 2019

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#### **Executive Summary:**

For consideration and approval of An agreement between the New Haven Board of Education and Crown Castle International Corp., 1220 Augusta Drive, Suite 600, Houston, TX 77057 to provide Leased Fiber Circuit WAN Ethernet Services to New Haven Public Schools, from July 1, 2019 to June 30, 2020.

#### **Amount of Agreement and Daily, Hourly, or Per Session Cost:**

Total Cost of Project is **\$546,840**. If E-Rate funding is awarded, the NHPS may receive a reimbursement for up to \$492,156 and the share the NHPS would have to pay would be \$54,684.

**Funding Source:** 2019-2020 Operating Budget – Telecommunications / Internet  
Account #: 190-47200-52265

#### **Key Questions:**

**1. Please describe how this service is strategically aligned with school or District goals:**

Crown Castle (formerly known as Fibertech) provides the infrastructure that NHPS needs to communicate and transfer information between the different buildings. This infrastructure allows NHPS to communicate efficiently through electronic means, which is very cost effective. Crown Castle currently provides wide-area network connectivity between 51 buildings for the school district.

**2. Please describe the evidence of effectiveness for this contractor. In addition, how is or will the contractor be evaluated? If a continuation service, what are the results of last year's evaluation?**

We are very happy with the network uptime and response to support requests. Crown Castle has also been very accommodating with assisting in our recent emergency school moves.

**3. Why do you believe this agreement is fiscally sound? Include how the contractor was selected (various quotes vs. RFP vs. Sole Source), whether and why the cost has increased over last year (if continuation), and what an alternative might cost.**

Crown Castle (formerly Fibertech) was awarded this contract based on results of RFP#2019-12-1248. Crown Castle services qualify for ERATE discounts which allows the district to receive a 90% discount on services. Crown Castle Services are considered a Category 1 funding level and is typically approved and disbursed first. Crown Castle is included on our ERATE application for 19-20 School Year.

Order form is attached. New agreement will be drafted upon approval.



# Order Form

Order Type: Renewal  
SO # 2019-40764

| Licensee or Customer Contact Detail |   |
|-------------------------------------|---|
| Licensee or Customer                | New Haven Public Schools                  |
| Address & Contact                   | Address 54 Meadow Street                  |
|                                     | City, State New Haven, CT 06519           |
|                                     | Phone 203-946-8888                        |
| Billing Address & Contact           | Name NEW HAVEN PUBLIC SCHOOLS (13920)     |
|                                     | Billing Address 54 Meadow Street          |
|                                     | City, State New Haven, CT 06510           |
| Technical Contact                   | Name Kevin Moriarty                       |
|                                     | E-mail kevin.moriarty@new-haven.k12.ct.us |
|                                     | Primary Phone (203) 691-2675              |

| Product Detail             |   |                       |                     |
|----------------------------|---|-----------------------|---------------------|
| Ethernet #1                | Product Type Metro-E Advanced Private Line      | Total Bandwidth 1Gbps |                     |
|                            | Total MRC \$795.00                              | Total NRC \$0.00      | Service Level 99.9% |
|                            | Install Lead Time 30 Days                       | 1Gbps                 |                     |
|                            | Comments FY 19/20 renewal<br>7/1/19-6/30/20     |                       |                     |
|                            | Existing Product ID S134931                     |                       |                     |
| Location A Product Details | Connector 1000T                                 | Copper                |                     |
| Location A                 | 180 Canner St, 1st Floor, New Haven, CT 06511   |                       |                     |
| Location Z Product Details | Connector 1000T                                 | Copper                |                     |
| Location Z                 | 54 Meadow St, 1st Floor, New Haven, CT 06519    |                       |                     |
| Ethernet #2                | Product Type Metro-E Advanced Private Line      | Total Bandwidth 1Gbps |                     |
|                            | Total MRC \$795.00                              | Total NRC \$0.00      | Service Level 99.9% |
|                            | Install Lead Time 30 Days                       | 1Gbps                 |                     |
|                            | Comments FY 19/20 renewal<br>7/1/19-6/30/20     |                       |                     |
|                            | Existing Product ID S134932                     |                       |                     |
| Location A Product Details | Connector 1000T                                 | Copper                |                     |
| Location A                 | 130 Bassett St, 1st Floor, New Haven, CT 06511  |                       |                     |
| Location Z Product Details | Connector 1000T                                 | Copper                |                     |
| Location Z                 | 54 Meadow St, 1st Floor, New Haven, CT 06519    |                       |                     |
| Ethernet #3                | Product Type Metro-E Advanced Private Line      | Total Bandwidth 1Gbps |                     |
|                            | Total MRC \$795.00                              | Total NRC \$0.00      | Service Level 99.9% |
|                            | Install Lead Time 30 Days                       | 1Gbps                 |                     |
|                            | Comments FY 19/20 renewal<br>7/1/19-6/30/20     |                       |                     |
|                            | Existing Product ID S134933                     |                       |                     |
| Location A Product Details | Connector 1000T                                 | Copper                |                     |
| Location A                 | 150 Fournier St, 1st Floor, New Haven, CT 06511 |                       |                     |
| Location Z Product Details | Connector 1000T                                 | Copper                |                     |
| Location Z                 | 54 Meadow St, 1st Floor, New Haven, CT 06519    |                       |                     |
| Ethernet #4                | Product Type Metro-E Advanced Private Line      | Total Bandwidth 1Gbps |                     |
|                            | Total MRC \$795.00                              | Total NRC \$0.00      | Service Level 99.9% |
|                            | Install Lead Time 30 Days                       | 1Gbps                 |                     |
|                            | Comments FY 19/20 renewal<br>7/1/19-6/30/20     |                       |                     |
|                            | Existing Product ID S134935                     |                       |                     |
| Location A Product Details | Connector 1000T                                 | Copper                |                     |
| Location A                 | 200 Wilmot Rd, 1st Floor, New Haven, CT 06515   |                       |                     |
| Location Z Product Details | Connector 1000T                                 | Copper                |                     |
| Location Z                 | 54 Meadow St, 1st Floor, New Haven, CT 06519    |                       |                     |
| Ethernet #5                | Product Type Metro-E Advanced Private Line      | Total Bandwidth 1Gbps |                     |
|                            | Total MRC \$795.00                              | Total NRC \$0.00      | Service Level 99.9% |
|                            | Install Lead Time 30 Days                       | 1Gbps                 |                     |
|                            | Comments FY 19/20 renewal<br>7/1/19-6/30/20     |                       |                     |
|                            | Existing Product ID S134934                     |                       |                     |
| Location A Product Details | Connector 1000T                                 | Copper                |                     |
| Location A                 | 199 Wilmot Rd, 1st Floor, New Haven, CT 06515   |                       |                     |
| Location Z Product Details | Connector 1000T                                 | Copper                |                     |
| Location Z                 | 54 Meadow St, 1st Floor, New Haven, CT 06519    |                       |                     |



# Order Form

Order Type: Renewal  
SO # 2019-40764

|                                    |  |                                  |  |
|------------------------------------|--|----------------------------------|--|
| <b>Ethernet #6</b>                 | <b>Product Type</b> Metro-E Advanced Private Line<br><b>Total MRC</b> \$795.00<br><b>Install Lead Time</b> 30 Days<br><b>Comments</b> FY 19/20 renewal<br>7/1/19-6/30/20 | <b>Total NRC</b> \$0.00<br>1Gbps | <b>Total Bandwidth</b> 1Gbps<br><b>Service Level</b> 99.9% |
| <b>Location A Product Details</b>  | <b>Connector</b> 1000T <b>Copper</b>   |                                  |  |
| <b>Location A</b>                  | 311 Valley St, 1st Floor, New Haven, CT 06515  |                                  |  |
| <b>Location Z Product Details</b>  | <b>Connector</b> 1000T <b>Copper</b>   |                                  |  |
| <b>Location Z</b>                  | 54 Meadow St, 1st Floor, New Haven, CT 06519   |                                  |  |
| <b>Existing Product ID</b> S134936 |  |                                  |  |
| <b>Ethernet #7</b>                 | <b>Product Type</b> Metro-E Advanced Private Line<br><b>Total MRC</b> \$795.00<br><b>Install Lead Time</b> 30 Days<br><b>Comments</b> FY 19/20 renewal<br>7/1/19-6/30/20 | <b>Total NRC</b> \$0.00<br>1Gbps | <b>Total Bandwidth</b> 1Gbps<br><b>Service Level</b> 99.9% |
| <b>Location A Product Details</b>  | <b>Connector</b> 1000T <b>Copper</b>   |                                  |  |
| <b>Location A</b>                  | 737 Edgewood Ave, 1st Floor, New Haven, CT 06515   |                                  |  |
| <b>Location Z Product Details</b>  | <b>Connector</b> 1000T <b>Copper</b>   |                                  |  |
| <b>Location Z</b>                  | 54 Meadow St, 1st Floor, New Haven, CT 06519   |                                  |  |
| <b>Existing Product ID</b> S134937 |  |                                  |  |
| <b>Ethernet #8</b>                 | <b>Product Type</b> Metro-E Advanced Private Line<br><b>Total MRC</b> \$795.00<br><b>Install Lead Time</b> 30 Days<br><b>Comments</b> FY 19/20 renewal<br>7/1/19-6/30/20 | <b>Total NRC</b> \$0.00<br>1Gbps | <b>Total Bandwidth</b> 1Gbps<br><b>Service Level</b> 99.9% |
| <b>Location A Product Details</b>  | <b>Connector</b> 1000T <b>Copper</b>   |                                  |  |
| <b>Location A</b>                  | 55 Foote St, 1st Floor, New Haven, CT 06511  |                                  |  |
| <b>Location Z Product Details</b>  | <b>Connector</b> 1000T <b>Copper</b>   |                                  |  |
| <b>Location Z</b>                  | 54 Meadow St, 1st Floor, New Haven, CT 06519   |                                  |  |
| <b>Existing Product ID</b> S134939 |  |                                  |  |
| <b>Ethernet #9</b>                 | <b>Product Type</b> Metro-E Advanced Private Line<br><b>Total MRC</b> \$795.00<br><b>Install Lead Time</b> 30 Days<br><b>Comments</b> FY 19/20 renewal<br>7/1/19-6/30/20 | <b>Total NRC</b> \$0.00<br>1Gbps | <b>Total Bandwidth</b> 1Gbps<br><b>Service Level</b> 99.9% |
| <b>Location A Product Details</b>  | <b>Connector</b> 1000T <b>Copper</b>   |                                  |  |
| <b>Location A</b>                  | 170 Derby Ave, 1st Floor, New Haven, CT 06511  |                                  |  |
| <b>Location Z Product Details</b>  | <b>Connector</b> 1000T <b>Copper</b>   |                                  |  |
| <b>Location Z</b>                  | 54 Meadow St, 1st Floor, New Haven, CT 06519   |                                  |  |
| <b>Existing Product ID</b> S134940 |  |                                  |  |
| <b>Ethernet #10</b>                | <b>Product Type</b> Metro-E Advanced Private Line<br><b>Total MRC</b> \$795.00<br><b>Install Lead Time</b> 30 Days<br><b>Comments</b> FY 19/20 renewal<br>7/1/19-6/30/20 | <b>Total NRC</b> \$0.00<br>1Gbps | <b>Total Bandwidth</b> 1Gbps<br><b>Service Level</b> 99.9% |
| <b>Location A Product Details</b>  | <b>Connector</b> 1000T <b>Copper</b>   |                                  |  |
| <b>Location A</b>                  | 114 Truman St, 1st Floor, New Haven, CT 06519  |                                  |  |
| <b>Location Z Product Details</b>  | <b>Connector</b> 1000T <b>Copper</b>   |                                  |  |
| <b>Location Z</b>                  | 54 Meadow St, 1st Floor, New Haven, CT 06519   |                                  |  |
| <b>Existing Product ID</b> S134941 |  |                                  |  |
| <b>Ethernet #11</b>                | <b>Product Type</b> Metro-E Advanced Private Line<br><b>Total MRC</b> \$795.00<br><b>Install Lead Time</b> 30 Days<br><b>Comments</b> FY 19/20 renewal<br>7/1/19-6/30/20 | <b>Total NRC</b> \$0.00<br>1Gbps | <b>Total Bandwidth</b> 1Gbps<br><b>Service Level</b> 99.9% |
| <b>Location A Product Details</b>  | <b>Connector</b> 1000T <b>Copper</b>   |                                  |  |
| <b>Location A</b>                  | 560 Ella T Grasso Blvd, 1st Floor, New Haven, CT 06519   |                                  |  |
| <b>Location Z Product Details</b>  | <b>Connector</b> 1000T <b>Copper</b>   |                                  |  |
| <b>Location Z</b>                  | 54 Meadow St, 1st Floor, New Haven, CT 06519   |                                  |  |
| <b>Existing Product ID</b> S134942 |  |                                  |  |
| <b>Ethernet #12</b>                | <b>Product Type</b> Metro-E Advanced Private Line<br><b>Total MRC</b> \$795.00<br><b>Install Lead Time</b> 30 Days   | <b>Total NRC</b> \$0.00<br>1Gbps | <b>Total Bandwidth</b> 1Gbps<br><b>Service Level</b> 99.9% |



# Order Form

Order Type: Renewal  
SO # 2019-40764

|                                   |  |                                    |                        |                            |                            |
|-----------------------------------|--|------------------------------------|------------------------|----------------------------|----------------------------|
|                                   | <b>Comments</b>  | FY 19/20 renewal<br>7/1/19-6/30/20 |                        | <b>Existing Product ID</b> | S134943                    |
| <b>Location A Product Details</b> | <b>Connector</b>                                       | 1000T                              | <b>Copper</b>          |                            |                            |
| <b>Location A</b>                 | 580 Ella T Grasso Blvd, 1st Floor, New Haven, CT 06519 |                                    |                        |                            |                            |
| <b>Location Z Product Details</b> | <b>Connector</b>                                       | 1000T                              | <b>Copper</b>          |                            |                            |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519           |                                    |                        |                            |                            |
| <b>Ethernet #13</b>               | <b>Product Type</b>                                    | Metro-E Advanced Private Line      | <b>Total Bandwidth</b> | 1Gbps                      |                            |
|                                   | <b>Total MRC</b>                                       | \$795.00                           | <b>Total NRC</b>       | \$0.00                     | <b>Service Level</b> 99.9% |
|                                   | <b>Install Lead Time</b>                               | 30 Days                            | 1Gbps                  |                            |                            |
|                                   | <b>Comments</b>  | FY 19/20 renewal<br>7/1/19-6/30/20 |                        | <b>Existing Product ID</b> | S134944                    |
| <b>Location A Product Details</b> | <b>Connector</b>                                       | 1000T                              | <b>Copper</b>          |                            |                            |
| <b>Location A</b>                 | 60 NE Water St, 1st Floor, New Haven, CT 06519         |                                    |                        |                            |                            |
| <b>Location Z Product Details</b> | <b>Connector</b>                                       | 1000T                              | <b>Copper</b>          |                            |                            |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519           |                                    |                        |                            |                            |
| <b>Ethernet #14</b>               | <b>Product Type</b>                                    | Metro-E Advanced Private Line      | <b>Total Bandwidth</b> | 1Gbps                      |                            |
|                                   | <b>Total MRC</b>                                       | \$795.00                           | <b>Total NRC</b>       | \$0.00                     | <b>Service Level</b> 99.9% |
|                                   | <b>Install Lead Time</b>                               | 30 Days                            | 1Gbps                  |                            |                            |
|                                   | <b>Comments</b>  | FY 19/20 renewal<br>7/1/19-6/30/20 |                        | <b>Existing Product ID</b> | S134945                    |
| <b>Location A Product Details</b> | <b>Connector</b>                                       | 1000T                              | <b>Copper</b>          |                            |                            |
| <b>Location A</b>                 | 140 Legion Ave, 1st Floor, New Haven, CT 06519         |                                    |                        |                            |                            |
| <b>Location Z Product Details</b> | <b>Connector</b>                                       | 1000T                              | <b>Copper</b>          |                            |                            |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519           |                                    |                        |                            |                            |
| <b>Ethernet #15</b>               | <b>Product Type</b>                                    | Metro-E Advanced Private Line      | <b>Total Bandwidth</b> | 1Gbps                      |                            |
|                                   | <b>Total MRC</b>                                       | \$795.00                           | <b>Total NRC</b>       | \$0.00                     | <b>Service Level</b> 99.9% |
|                                   | <b>Install Lead Time</b>                               | 30 Days                            | 1Gbps                  |                            |                            |
|                                   | <b>Comments</b>  | FY 19/20 renewal<br>7/1/19-6/30/20 |                        | <b>Existing Product ID</b> | S134946                    |
| <b>Location A Product Details</b> | <b>Connector</b>                                       | 1000T                              | <b>Copper</b>          |                            |                            |
| <b>Location A</b>                 | 130 Orchard St, 1st Floor, New Haven, CT 06519         |                                    |                        |                            |                            |
| <b>Location Z Product Details</b> | <b>Connector</b>                                       | 1000T                              | <b>Copper</b>          |                            |                            |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519           |                                    |                        |                            |                            |
| <b>Ethernet #16</b>               | <b>Product Type</b>                                    | Metro-E Advanced Private Line      | <b>Total Bandwidth</b> | 1Gbps                      |                            |
|                                   | <b>Total MRC</b>                                       | \$795.00                           | <b>Total NRC</b>       | \$0.00                     | <b>Service Level</b> 99.9% |
|                                   | <b>Install Lead Time</b>                               | 30 Days                            | 1Gbps                  |                            |                            |
|                                   | <b>Comments</b>  | FY 19/20 renewal<br>7/1/19-6/30/20 |                        | <b>Existing Product ID</b> | S134947                    |
| <b>Location A Product Details</b> | <b>Connector</b>                                       | 1000T                              | <b>Copper</b>          |                            |                            |
| <b>Location A</b>                 | 150 Kimberly Ave, 1st Floor, New Haven, CT 06519       |                                    |                        |                            |                            |
| <b>Location Z Product Details</b> | <b>Connector</b>                                       | 1000T                              | <b>Copper</b>          |                            |                            |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519           |                                    |                        |                            |                            |
| <b>Ethernet #17</b>               | <b>Product Type</b>                                    | Metro-E Advanced Private Line      | <b>Total Bandwidth</b> | 1Gbps                      |                            |
|                                   | <b>Total MRC</b>                                       | \$795.00                           | <b>Total NRC</b>       | \$0.00                     | <b>Service Level</b> 99.9% |
|                                   | <b>Install Lead Time</b>                               | 30 Days                            | 1Gbps                  |                            |                            |
|                                   | <b>Comments</b>  | FY 19/20 renewal<br>7/1/19-6/30/20 |                        | <b>Existing Product ID</b> | S134948                    |
| <b>Location A Product Details</b> | <b>Connector</b>                                       | 1000T                              | <b>Copper</b>          |                            |                            |
| <b>Location A</b>                 | 103 Hallock Ave, 1st Floor, New Haven, CT 06519        |                                    |                        |                            |                            |
| <b>Location Z Product Details</b> | <b>Connector</b>                                       | 1000T                              | <b>Copper</b>          |                            |                            |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519           |                                    |                        |                            |                            |

|                     |                          |                                    |                        |                            |                            |
|---------------------|--------------------------|------------------------------------|------------------------|----------------------------|----------------------------|
| <b>Ethernet #18</b> | <b>Product Type</b>      | Metro-E Advanced Private Line      | <b>Total Bandwidth</b> | 1Gbps                      |                            |
|                     | <b>Total MRC</b>         | \$795.00                           | <b>Total NRC</b>       | \$0.00                     | <b>Service Level</b> 99.9% |
|                     | <b>Install Lead Time</b> | 30 Days                            | 1Gbps                  |                            |                            |
|                     | <b>Comments</b>          | FY 19/20 renewal<br>7/1/19-6/30/20 |                        | <b>Existing Product ID</b> | S134949                    |



# Order Form

Order Type: Renewal  
SO # 2019-40764

|                                   |  |                                    |                              |
|-----------------------------------|--|------------------------------------|------------------------------|
| <b>Location A Product Details</b> | Connector  | 1000T                              | Copper                       |
| <b>Location A</b>                 | 100 Jewell St, 1st Floor, New Haven, CT 06515    |                                    |                              |
| <b>Location Z Product Details</b> | Connector  | 1000T                              | Copper                       |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519     |                                    |                              |
| <b>Ethernet #19</b>               | <b>Product Type</b>                              | Metro-E Advanced Private Line      | <b>Total Bandwidth</b> 1Gbps |
|                                   | <b>Total MRC</b>                                 | \$795.00                           | <b>Total NRC</b> \$0.00      |
|                                   | <b>Install Lead Time</b>                         | 30 Days                            | <b>Service Level</b> 99.9%   |
|                                   | <b>Comments</b>                                  | FY 19/20 renewal<br>7/1/19-6/30/20 |                              |
|                                   | <b>Existing Product ID</b>                       |                                    | S134950                      |
| <b>Location A Product Details</b> | Connector  | 1000T                              | Copper                       |
| <b>Location A</b>                 | 293 Clinton Ave, 1st Floor, New Haven, CT 06513  |                                    |                              |
| <b>Location Z Product Details</b> | Connector  | 1000T                              | Copper                       |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519     |                                    |                              |
| <b>Ethernet #20</b>               | <b>Product Type</b>                              | Metro-E Advanced Private Line      | <b>Total Bandwidth</b> 1Gbps |
|                                   | <b>Total MRC</b>                                 | \$795.00                           | <b>Total NRC</b> \$0.00      |
|                                   | <b>Install Lead Time</b>                         | 30 Days                            | <b>Service Level</b> 99.9%   |
|                                   | <b>Comments</b>                                  | FY 19/20 renewal<br>7/1/19-6/30/20 |                              |
|                                   | <b>Existing Product ID</b>                       |                                    | S134951                      |
| <b>Location A Product Details</b> | Connector  | 1000T                              | Copper                       |
| <b>Location A</b>                 | 15 Lexington Ave, 1st Floor, New Haven, CT 06513 |                                    |                              |
| <b>Location Z Product Details</b> | Connector  | 1000T                              | Copper                       |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519     |                                    |                              |
| <b>Ethernet #21</b>               | <b>Product Type</b>                              | Metro-E Advanced Private Line      | <b>Total Bandwidth</b> 1Gbps |
|                                   | <b>Total MRC</b>                                 | \$795.00                           | <b>Total NRC</b> \$0.00      |
|                                   | <b>Install Lead Time</b>                         | 30 Days                            | <b>Service Level</b> 99.9%   |
|                                   | <b>Comments</b>                                  | FY 19/20 renewal<br>7/1/19-6/30/20 |                              |
|                                   | <b>Existing Product ID</b>                       |                                    | S134952                      |
| <b>Location A Product Details</b> | Connector  | 1000T                              | Copper                       |
| <b>Location A</b>                 | 400 Canner St, 1st Floor, New Haven, CT 06511    |                                    |                              |
| <b>Location Z Product Details</b> | Connector  | 1000T                              | Copper                       |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519     |                                    |                              |
| <b>Ethernet #22</b>               | <b>Product Type</b>                              | Metro-E Advanced Private Line      | <b>Total Bandwidth</b> 1Gbps |
|                                   | <b>Total MRC</b>                                 | \$795.00                           | <b>Total NRC</b> \$0.00      |
|                                   | <b>Install Lead Time</b>                         | 30 Days                            | <b>Service Level</b> 99.9%   |
|                                   | <b>Comments</b>                                  | FY 19/20 renewal<br>7/1/19-6/30/20 |                              |
|                                   | <b>Existing Product ID</b>                       |                                    | S134953                      |
| <b>Location A Product Details</b> | Connector  | 1000T                              | Copper                       |
| <b>Location A</b>                 | 21 Wooster Pl, 1st Floor, New Haven, CT 06511    |                                    |                              |
| <b>Location Z Product Details</b> | Connector  | 1000T                              | Copper                       |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519     |                                    |                              |
| <b>Ethernet #23</b>               | <b>Product Type</b>                              | Metro-E Advanced Private Line      | <b>Total Bandwidth</b> 1Gbps |
|                                   | <b>Total MRC</b>                                 | \$795.00                           | <b>Total NRC</b> \$0.00      |
|                                   | <b>Install Lead Time</b>                         | 30 Days                            | <b>Service Level</b> 99.9%   |
|                                   | <b>Comments</b>                                  | FY 19/20 renewal<br>7/1/19-6/30/20 |                              |
|                                   | <b>Existing Product ID</b>                       |                                    | S134955                      |
| <b>Location A Product Details</b> | Connector  | 1000T                              | Copper                       |
| <b>Location A</b>                 | 360 Columbus Ave, 1st Floor, New Haven, CT 06519 |                                    |                              |
| <b>Location Z Product Details</b> | Connector  | 1000T                              | Copper                       |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519     |                                    |                              |
| <b>Ethernet #24</b>               | <b>Product Type</b>                              | Metro-E Advanced Private Line      | <b>Total Bandwidth</b> 1Gbps |
|                                   | <b>Total MRC</b>                                 | \$795.00                           | <b>Total NRC</b> \$0.00      |
|                                   | <b>Install Lead Time</b>                         | 30 Days                            | <b>Service Level</b> 99.9%   |
|                                   | <b>Comments</b>                                  | FY 19/20 renewal<br>7/1/19-6/30/20 |                              |
|                                   | <b>Existing Product ID</b>                       |                                    | S134956                      |
| <b>Location A Product Details</b> | Connector  | 1000T                              | Copper                       |
| <b>Location A</b>                 | 177 College St, 1st Floor, New Haven, CT 06510   |                                    |                              |
| <b>Location Z Product Details</b> | Connector  | 1000T                              | Copper                       |





# Order Form

Order Type: Renewal  
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|                                   |                            |  |                               |                        |                            |       |
|-----------------------------------|----------------------------|--|-------------------------------|------------------------|----------------------------|-------|
| <b>Location Z</b>                 |                            | 54 Meadow St, 1st Floor, New Haven, CT 06519       |                               |                        |                            |       |
| <b>Ethernet #25</b>               | <b>Product Type</b>        | Metro-E Advanced Private Line                      |                               | <b>Total Bandwidth</b> | 1Gbps                      |       |
|                                   | <b>Total MRC</b>           | \$795.00   | <b>Total NRC</b>              | \$0.00                 | <b>Service Level</b> 99.9% |       |
|                                   | <b>Install Lead Time</b>   | 30 Days  |                               | 1Gbps                  |                            |       |
|                                   | <b>Comments</b>            | FY 19/20 renewal<br>7/1/19-6/30/20                 |                               |                        |                            |       |
|                                   | <b>Existing Product ID</b> |  |                               |                        | S134957                    |       |
| <b>Location A Product Details</b> |                            | <b>Connector</b>                                   | 1000T                         | <b>Copper</b>          |                            |       |
| <b>Location A</b>                 |                            | 115 Water St, LL1 Floor, New Haven, CT 06511       |                               |                        |                            |       |
| <b>Location Z Product Details</b> |                            | <b>Connector</b>                                   | 1000T                         | <b>Copper</b>          |                            |       |
| <b>Location Z</b>                 |                            | 54 Meadow St, 1st Floor, New Haven, CT 06519       |                               |                        |                            |       |
| <b>Ethernet #26</b>               | <b>Product Type</b>        | Metro-E Advanced Private Line                      |                               | <b>Total Bandwidth</b> | 1Gbps                      |       |
|                                   | <b>Total MRC</b>           | \$795.00   | <b>Total NRC</b>              | \$0.00                 | <b>Service Level</b> 99.9% |       |
|                                   | <b>Install Lead Time</b>   | 30 Days  |                               | 1Gbps                  |                            |       |
|                                   | <b>Comments</b>            | FY 19/20 renewal<br>7/1/19-6/30/20                 |                               |                        |                            |       |
|                                   | <b>Existing Product ID</b> |  |                               |                        | S134959                    |       |
| <b>Location A Product Details</b> |                            | <b>Connector</b>                                   | 1000T                         | <b>Copper</b>          |                            |       |
| <b>Location A</b>                 |                            | 691 Whitney Ave, 1st Floor, New Haven, CT 06511    |                               |                        |                            |       |
| <b>Location Z Product Details</b> |                            | <b>Connector</b>                                   | 1000T                         | <b>Copper</b>          |                            |       |
| <b>Location Z</b>                 |                            | 54 Meadow St, 1st Floor, New Haven, CT 06519       |                               |                        |                            |       |
| <b>Ethernet #27</b>               | <b>Product Type</b>        | Metro-E Advanced Private Line                      |                               | <b>Total Bandwidth</b> | 1Gbps                      |       |
|                                   | <b>Total MRC</b>           | \$795.00   | <b>Total NRC</b>              | \$0.00                 | <b>Service Level</b> 99.9% |       |
|                                   | <b>Install Lead Time</b>   | 30 Days  |                               | 1Gbps                  |                            |       |
|                                   | <b>Comments</b>            | FY 19/20 renewal<br>7/1/19-6/30/20                 |                               |                        |                            |       |
|                                   | <b>Existing Product ID</b> |  |                               |                        | S134960                    |       |
| <b>Location A Product Details</b> |                            | <b>Connector</b>                                   | 1000T                         | <b>Copper</b>          |                            |       |
| <b>Location A</b>                 |                            | 191 Fountain St, 1st Floor, New Haven, CT 06515    |                               |                        |                            |       |
| <b>Location Z Product Details</b> |                            | <b>Connector</b>                                   | 1000T                         | <b>Copper</b>          |                            |       |
| <b>Location Z</b>                 |                            | 54 Meadow St, 1st Floor, New Haven, CT 06519       |                               |                        |                            |       |
| <b>Ethernet #28</b>               | <b>Product Type</b>        | Metro-E Advanced Private Line                      |                               | <b>Total Bandwidth</b> | 1Gbps                      |       |
|                                   | <b>Total MRC</b>           | \$795.00   | <b>Total NRC</b>              | \$0.00                 | <b>Service Level</b> 99.9% |       |
|                                   | <b>Install Lead Time</b>   | 30 Days  |                               | 1Gbps                  |                            |       |
|                                   | <b>Comments</b>            | FY 19/20 renewal<br>7/1/19-6/30/20                 |                               |                        |                            |       |
|                                   | <b>Existing Product ID</b> |  |                               |                        | S134961                    |       |
| <b>Location A Product Details</b> |                            | <b>Connector</b>                                   | 1000T                         | <b>Copper</b>          |                            |       |
| <b>Location A</b>                 |                            | 1481 Quinipiac Ave, 1st Floor, New Haven, CT 06513 |                               |                        |                            |       |
| <b>Location Z Product Details</b> |                            | <b>Connector</b>                                   | 1000T                         | <b>Copper</b>          |                            |       |
| <b>Location Z</b>                 |                            | 54 Meadow St, 1st Floor, New Haven, CT 06519       |                               |                        |                            |       |
| <b>Ethernet #29</b>               | <b>Product Type</b>        | Metro-E Advanced Private Line                      |                               | <b>Total Bandwidth</b> | 1Gbps                      |       |
|                                   | <b>Total MRC</b>           | \$795.00   | <b>Total NRC</b>              | \$0.00                 | <b>Service Level</b> 99.9% |       |
|                                   | <b>Install Lead Time</b>   | 30 Days  |                               | 1Gbps                  |                            |       |
|                                   | <b>Comments</b>            | FY 19/20 renewal<br>7/1/19-6/30/20                 |                               |                        |                            |       |
|                                   | <b>Existing Product ID</b> |  |                               |                        | S134962                    |       |
| <b>Location A Product Details</b> |                            | <b>Connector</b>                                   | 1000T                         | <b>Copper</b>          |                            |       |
| <b>Location A</b>                 |                            | 75 Barnes Ave, 1st Floor, New Haven, CT 06513      |                               |                        |                            |       |
| <b>Location Z Product Details</b> |                            | <b>Connector</b>                                   | 1000T                         | <b>Copper</b>          |                            |       |
| <b>Location Z</b>                 |                            | 54 Meadow St, 1st Floor, New Haven, CT 06519       |                               |                        |                            |       |
| <b>Ethernet #30</b>               | <b>Product Type</b>        | Metro-E Advanced Private Line                      |                               | <b>Total Bandwidth</b> | 1Gbps                      |       |
|                                   | <b>Total MRC</b>           | \$795.00   | <b>Total NRC</b>              | \$0.00                 | <b>Service Level</b> 99.9% |       |
|                                   | <b>Install Lead Time</b>   | 30 Days  |                               | 1Gbps                  |                            |       |
|                                   | <b>Comments</b>            | FY 19/20 renewal<br>7/1/19-6/30/20                 |                               |                        |                            |       |
|                                   | <b>Existing Product ID</b> |  |                               |                        | S134963                    |       |
| <b>Location A Product Details</b> |                            | <b>Connector</b>                                   | 1000T                         | <b>Copper</b>          |                            |       |
| <b>Location A</b>                 |                            | 35 Davis St, 1st Floor, New Haven, CT 06515        |                               |                        |                            |       |
| <b>Location Z Product Details</b> |                            | <b>Connector</b>                                   | 1000T                         | <b>Copper</b>          |                            |       |
| <b>Location Z</b>                 |                            | 54 Meadow St, 1st Floor, New Haven, CT 06519       |                               |                        |                            |       |
| <b>Ethernet #31</b>               |                            | <b>Product Type</b>                                | Metro-E Advanced Private Line |                        | <b>Total Bandwidth</b>     | 1Gbps |



# Order Form

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|                                   |   |                              |                            |
|-----------------------------------|---|------------------------------|----------------------------|
|                                   | <b>Total MRC</b> \$795.00                           | <b>Total NRC</b> \$0.00      | <b>Service Level</b> 99.9% |
|                                   | <b>Install Lead Time</b> 30 Days                    | 1Gbps                        |                            |
|                                   | <b>Comments</b> FY 19/20 renewal<br>7/1/19-6/30/20  |                              |                            |
|                                   | <b>Existing Product ID</b> S134965                  |                              |                            |
| <b>Location A Product Details</b> | <b>Connector</b> 1000T                              | <b>Copper</b>                |                            |
| <b>Location A</b>                 | 259 Edgewood Ave, 1st Floor, New Haven, CT 06511    |                              |                            |
| <b>Location Z Product Details</b> | <b>Connector</b> 1000T                              | <b>Copper</b>                |                            |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519        |                              |                            |
| <b>Ethernet #32</b>               | <b>Product Type</b> Metro-E Advanced Private Line   | <b>Total Bandwidth</b> 1Gbps |                            |
|                                   | <b>Total MRC</b> \$795.00                           | <b>Total NRC</b> \$0.00      | <b>Service Level</b> 99.9% |
|                                   | <b>Install Lead Time</b> 30 Days                    | 1Gbps                        |                            |
|                                   | <b>Comments</b> FY 19/20 renewal<br>7/1/19-6/30/20  |                              |                            |
|                                   | <b>Existing Product ID</b> S134967                  |                              |                            |
| <b>Location A Product Details</b> | <b>Connector</b> 1000T                              | <b>Copper</b>                |                            |
| <b>Location A</b>                 | 133 Nash St, 1st Floor, New Haven, CT 06511         |                              |                            |
| <b>Location Z Product Details</b> | <b>Connector</b> 1000T                              | <b>Copper</b>                |                            |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519        |                              |                            |
| <b>Ethernet #33</b>               | <b>Product Type</b> Metro-E Advanced Private Line   | <b>Total Bandwidth</b> 1Gbps |                            |
|                                   | <b>Total MRC</b> \$795.00                           | <b>Total NRC</b> \$0.00      | <b>Service Level</b> 99.9% |
|                                   | <b>Install Lead Time</b> 30 Days                    | 1Gbps                        |                            |
|                                   | <b>Comments</b> FY 19/20 renewal<br>7/1/19-6/30/20  |                              |                            |
|                                   | <b>Existing Product ID</b> S134968                  |                              |                            |
| <b>Location A Product Details</b> | <b>Connector</b> 1000T                              | <b>Copper</b>                |                            |
| <b>Location A</b>                 | 569 Congress Ave, 1st Floor, New Haven, CT 06519    |                              |                            |
| <b>Location Z Product Details</b> | <b>Connector</b> 1000T                              | <b>Copper</b>                |                            |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519        |                              |                            |
| <b>Ethernet #34</b>               | <b>Product Type</b> Metro-E Advanced Private Line   | <b>Total Bandwidth</b> 1Gbps |                            |
|                                   | <b>Total MRC</b> \$795.00                           | <b>Total NRC</b> \$0.00      | <b>Service Level</b> 99.9% |
|                                   | <b>Install Lead Time</b> 30 Days                    | 1Gbps                        |                            |
|                                   | <b>Comments</b> FY 19/20 renewal<br>7/1/19-6/30/20  |                              |                            |
|                                   | <b>Existing Product ID</b> S134969                  |                              |                            |
| <b>Location A Product Details</b> | <b>Connector</b> 1000T                              | <b>Copper</b>                |                            |
| <b>Location A</b>                 | 444 Orange St, 1st Floor, New Haven, CT 06519       |                              |                            |
| <b>Location Z Product Details</b> | <b>Connector</b> 1000T                              | <b>Copper</b>                |                            |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519        |                              |                            |
| <b>Ethernet #35</b>               | <b>Product Type</b> Metro-E Advanced Private Line   | <b>Total Bandwidth</b> 1Gbps |                            |
|                                   | <b>Total MRC</b> \$795.00                           | <b>Total NRC</b> \$0.00      | <b>Service Level</b> 99.9% |
|                                   | <b>Install Lead Time</b> 30 Days                    | 1Gbps                        |                            |
|                                   | <b>Comments</b> FY 19/20 renewal<br>7/1/19-6/30/20  |                              |                            |
|                                   | <b>Existing Product ID</b> S134970                  |                              |                            |
| <b>Location A Product Details</b> | <b>Connector</b> 1000T                              | <b>Copper</b>                |                            |
| <b>Location A</b>                 | 185 Goffe St, 1st Floor, New Haven, CT 06511        |                              |                            |
| <b>Location Z Product Details</b> | <b>Connector</b> 1000T                              | <b>Copper</b>                |                            |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519        |                              |                            |
| <b>Ethernet #36</b>               | <b>Product Type</b> Metro-E Advanced Private Line   | <b>Total Bandwidth</b> 1Gbps |                            |
|                                   | <b>Total MRC</b> \$795.00                           | <b>Total NRC</b> \$0.00      | <b>Service Level</b> 99.9% |
|                                   | <b>Install Lead Time</b> 30 Days                    | 1Gbps                        |                            |
|                                   | <b>Comments</b> FY 19/20 renewal<br>7/1/19-6/30/20  |                              |                            |
|                                   | <b>Existing Product ID</b> S134971                  |                              |                            |
| <b>Location A Product Details</b> | <b>Connector</b> 1000T                              | <b>Copper</b>                |                            |
| <b>Location A</b>                 | 500 Boston Post Rd, 1st Floor, West Haven, CT 06516 |                              |                            |
| <b>Location Z Product Details</b> | <b>Connector</b> 1000T                              | <b>Copper</b>                |                            |
| <b>Location Z</b>                 | 54 Meadow St, LL1 Floor, New Haven, CT 06519        |                              |                            |
| <b>Ethernet #37</b>               | <b>Product Type</b> Metro-E Advanced Private Line   | <b>Total Bandwidth</b> 1Gbps |                            |
|                                   | <b>Total MRC</b> \$795.00                           | <b>Total NRC</b> \$0.00      | <b>Service Level</b> 99.9% |
|                                   | <b>Install Lead Time</b> 30 Days                    | 1Gbps                        |                            |



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|                                   |  |                                    |                 |                     |                     |
|-----------------------------------|--|------------------------------------|-----------------|---------------------|---------------------|
|                                   | Comments   | FY 19/20 renewal<br>7/1/19-6/30/20 |                 | Existing Product ID | S134972             |
| <b>Location A Product Details</b> | Connector  | 1000T                              | Copper          |                     |                     |
| <b>Location A</b>                 | 164 Grand Ave, 1st Floor, New Haven, CT 06513    |                                    |                 |                     |                     |
| <b>Location Z Product Details</b> | Connector  | 1000T                              | Copper          |                     |                     |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519     |                                    |                 |                     |                     |
| <b>Ethernet #38</b>               | Product Type                                     | Metro-E Advanced Private Line      | Total Bandwidth | 1Gbps               |                     |
|                                   | Total MRC  | \$795.00                           | Total NRC       | \$0.00              | Service Level 99.9% |
|                                   | Install Lead Time                                | 30 Days                            | 1Gbps           |                     |                     |
|                                   | Comments   | FY 19/20 renewal<br>7/1/19-6/30/20 |                 | Existing Product ID | S134973             |
| <b>Location A Product Details</b> | Connector  | 1000T                              | Copper          |                     |                     |
| <b>Location A</b>                 | 100 James St, 1st Floor, New Haven, CT 06513     |                                    |                 |                     |                     |
| <b>Location Z Product Details</b> | Connector  | 1000T                              | Copper          |                     |                     |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519     |                                    |                 |                     |                     |
| <b>Ethernet #39</b>               | Product Type                                     | Metro-E Advanced Private Line      | Total Bandwidth | 1Gbps               |                     |
|                                   | Total MRC  | \$795.00                           | Total NRC       | \$0.00              | Service Level 99.9% |
|                                   | Install Lead Time                                | 30 Days                            | 1Gbps           |                     |                     |
|                                   | Comments   | FY 19/20 renewal<br>7/1/19-6/30/20 |                 | Existing Product ID | S134974             |
| <b>Location A Product Details</b> | Connector  | 1000T                              | Copper          |                     |                     |
| <b>Location A</b>                 | 511 Chapel St, 1st Floor, New Haven, CT 06511    |                                    |                 |                     |                     |
| <b>Location Z Product Details</b> | Connector  | 1000T                              | Copper          |                     |                     |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519     |                                    |                 |                     |                     |
| <b>Ethernet #40</b>               | Product Type                                     | Metro-E Advanced Private Line      | Total Bandwidth | 1Gbps               |                     |
|                                   | Total MRC  | \$795.00                           | Total NRC       | \$0.00              | Service Level 99.9% |
|                                   | Install Lead Time                                | 30 Days                            | 1Gbps           |                     |                     |
|                                   | Comments   | FY 19/20 renewal<br>7/1/19-6/30/20 |                 | Existing Product ID | S134975             |
| <b>Location A Product Details</b> | Connector  | 1000T                              | Copper          |                     |                     |
| <b>Location A</b>                 | 175 Water St, 1st Floor, New Haven, CT 06511     |                                    |                 |                     |                     |
| <b>Location Z Product Details</b> | Connector  | 1000T                              | Copper          |                     |                     |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519     |                                    |                 |                     |                     |
| <b>Ethernet #41</b>               | Product Type                                     | Metro-E Advanced Private Line      | Total Bandwidth | 1Gbps               |                     |
|                                   | Total MRC  | \$795.00                           | Total NRC       | \$0.00              | Service Level 99.9% |
|                                   | Install Lead Time                                | 30 Days                            | 1Gbps           |                     |                     |
|                                   | Comments   | FY 19/20 renewal<br>7/1/19-6/30/20 |                 | Existing Product ID | S134976             |
| <b>Location A Product Details</b> | Connector  | 1000T                              | Copper          |                     |                     |
| <b>Location A</b>                 | 185 Barnes Ave, 1st Floor, New Haven, CT 06513   |                                    |                 |                     |                     |
| <b>Location Z Product Details</b> | Connector  | 1000T                              | Copper          |                     |                     |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519     |                                    |                 |                     |                     |
| <b>Ethernet #42</b>               | Product Type                                     | Metro-E Advanced Private Line      | Total Bandwidth | 1Gbps               |                     |
|                                   | Total MRC  | \$795.00                           | Total NRC       | \$0.00              | Service Level 99.9% |
|                                   | Install Lead Time                                | 30 Days                            | 1Gbps           |                     |                     |
|                                   | Comments   | FY 19/20 renewal<br>7/1/19-6/30/20 |                 | Existing Product ID | S134977             |
| <b>Location A Product Details</b> | Connector  | 1000T                              | Copper          |                     |                     |
| <b>Location A</b>                 | 375 Quinpiac Ave, 1st Floor, New Haven, CT 06513 |                                    |                 |                     |                     |
| <b>Location Z Product Details</b> | Connector  | 1000T                              | Copper          |                     |                     |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519     |                                    |                 |                     |                     |

|                     |                   |                                    |                 |                     |                     |
|---------------------|-------------------|------------------------------------|-----------------|---------------------|---------------------|
| <b>Ethernet #43</b> | Product Type      | Metro-E Advanced Private Line      | Total Bandwidth | 1Gbps               |                     |
|                     | Total MRC         | \$795.00                           | Total NRC       | \$0.00              | Service Level 99.9% |
|                     | Install Lead Time | 30 Days                            | 1Gbps           |                     |                     |
|                     | Comments          | FY 19/20 renewal<br>7/1/19-6/30/20 |                 | Existing Product ID | S134978             |



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|                                   |   |        |
|-----------------------------------|---|--------|
| <b>Location A Product Details</b> | Connector 1000T                                   | Copper |
| <b>Location A</b>                 | 480 Townsend Ave, 1st Floor, East Haven, CT 06512 |        |
| <b>Location Z Product Details</b> | Connector 1000T                                   | Copper |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519      |        |

|                     |                          |                                    |                        |        |
|---------------------|--------------------------|------------------------------------|------------------------|--------|
| <b>Ethernet #44</b> | <b>Product Type</b>      | Metro-E Advanced Private Line      | <b>Total Bandwidth</b> | 1Gbps  |
|                     | <b>Total MRC</b>         | \$795.00                           | <b>Total NRC</b>       | \$0.00 |
|                     | <b>Install Lead Time</b> | 30 Days                            |                        | 1Gbps  |
|                     | <b>Comments</b>          | FY 19/20 renewal<br>7/1/19-6/30/20 |                        |        |
|                     |                          | <b>Existing Product ID</b>         | S134979                |        |

|                                   |   |        |
|-----------------------------------|---|--------|
| <b>Location A Product Details</b> | Connector 1000T                                   | Copper |
| <b>Location A</b>                 | 460 Lexington Ave, 1st Floor, New Haven, CT 06513 |        |
| <b>Location Z Product Details</b> | Connector 1000T                                   | Copper |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519      |        |

|                     |                          |                                    |                        |        |
|---------------------|--------------------------|------------------------------------|------------------------|--------|
| <b>Ethernet #45</b> | <b>Product Type</b>      | Metro-E Advanced Private Line      | <b>Total Bandwidth</b> | 1Gbps  |
|                     | <b>Total MRC</b>         | \$795.00                           | <b>Total NRC</b>       | \$0.00 |
|                     | <b>Install Lead Time</b> | 30 Days                            |                        | 1Gbps  |
|                     | <b>Comments</b>          | FY 19/20 renewal<br>7/1/19-6/30/20 |                        |        |
|                     |                          | <b>Existing Product ID</b>         | S134980                |        |

|                                   |  |        |
|-----------------------------------|--|--------|
| <b>Location A Product Details</b> | Connector 1000T                              | Copper |
| <b>Location A</b>                 | 654 Ferry St, 1st Floor, New Haven, CT 06513 |        |
| <b>Location Z Product Details</b> | Connector 1000T                              | Copper |
| <b>Location Z</b>                 | 54 Meadow St, 1st Floor, New Haven, CT 06519 |        |

## Order Summary

|                                     |                           |                   |                       |                                    |
|-------------------------------------|---------------------------|-------------------|-----------------------|------------------------------------|
| <b>Pricing &amp; Contract Terms</b> | <b>Salesperson</b>        | Bob David         | <b>Terms (Months)</b> | 12                                 |
|                                     | <b>Client Service Mgr</b> | Jennifer Falotico |                       |                                    |
|                                     | <b>Order Contact</b>      | Kevin Moriarty    | <b>Contact Email</b>  | kevin.moriarty@new-haven.k12.ct.us |
|                                     |                           |                   |                       |                                    |

|              | NRC *         | MRC*               |
|--------------|---------------|--------------------|
| Ethernet     | \$0.00        | \$35,775.00        |
| <b>Total</b> | <b>\$0.00</b> | <b>\$35,775.00</b> |

\*Pricing shown does not reflect applicable taxes and fees.

## ORDER ACCEPTANCE

This Order Form is entered into between Provider (or "Company") and Customer (or "Licensee") effective as of the date of the last signature below, and is subject to the provisions of the Master Telecommunications License Agreement or other master agreement between the parties dated 1/1/2016 ("Agreement"), which is incorporated herein by reference. In the event the date in the previous sentence is blank, then this Order Form will be governed by the "Crown Castle Terms and Conditions Version 2.1" available at <https://fiber.crowncastle.com/crown-castle-telecommunications-license-terms-and-conditions.pdf> ("Online Terms"). In addition, if Company and Licensee have not executed a Supplement or Service Level Agreement applicable to the type of product contemplated by this Order Form, then the product-specific portion of the Online Terms applicable to the product under this Order Form shall apply.

| Licensee or Customer  |                          | Company or Provider |            |      |   |                        |           |            |      |
|---|--------------------------|---------------------|------------|------|---|------------------------|-----------|------------|------|
| <table border="1" style="width: 100%;"> <tr><td style="text-align: center;">New Haven Public Schools</td></tr> <tr><td>Signature</td></tr> <tr><td>Name/Title</td></tr> <tr><td>Date</td></tr> </table> | New Haven Public Schools | Signature           | Name/Title | Date | <table border="1" style="width: 100%;"> <tr><td style="text-align: center;">Crown Castle Fiber LLC</td></tr> <tr><td>Signature</td></tr> <tr><td>Name/Title</td></tr> <tr><td>Date</td></tr> </table> | Crown Castle Fiber LLC | Signature | Name/Title | Date |
| New Haven Public Schools  |                          |                     |            |      |   |                        |           |            |      |
| Signature   |                          |                     |            |      |   |                        |           |            |      |
| Name/Title  |                          |                     |            |      |   |                        |           |            |      |
| Date  |                          |                     |            |      |   |                        |           |            |      |
| Crown Castle Fiber LLC  |                          |                     |            |      |   |                        |           |            |      |
| Signature   |                          |                     |            |      |   |                        |           |            |      |
| Name/Title  |                          |                     |            |      |   |                        |           |            |      |
| Date  |                          |                     |            |      |   |                        |           |            |      |

| <b>Licensee or Customer Contact Detail</b> |   |
|--|---|
| <b>Licensee or Customer</b>                | <b>New Haven Public Schools</b>   |
| <b>Address &amp; Contact</b>               | <b>Address</b> 54 Meadow Street   |
|  | <b>City, State</b> New Haven, CT 06519                                  |
|  | <b>Phone</b> 203-946-8888 <b>Fax</b>                                    |
| <b>Billing Address &amp; Contact</b>       | <b>Name</b> New Haven Public Schools (One Time Bill) <b>Email</b>       |
|  | <b>Billing Address</b> 54 Meadow Street <b>Phone</b> (203) 946-8888     |
|  | <b>City, State</b> New Haven, CT 06519 <b>Fax</b>                       |
| <b>Technical Contact</b>                   | <b>Name</b> Kevin Moriarty <b>Primary Phone</b> (203) 691-2675          |
|  | <b>E-mail</b> kevin.moriarty@new-haven.k12.ct.us <b>Alternate Phone</b> |

| <b>Product Detail</b>             |  |                   |                         |                            |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
|-----------------------------------|--|-------------------|-------------------------|----------------------------|-----------------------|----------------------|----------------------|---------|--------|--------|--------|----------------|------------|--------|--------|--------|------------------|-------------------|-------------------------|----------------------------|--|--------------------------|---------|--------|--|--|-----------------------------------|--------------------------|--|--|--|
| <b>Ethernet #1</b>                | <b>Product Type</b> Ethernet LAN (E-LAN) <b>Total Bandwidth</b> 10Gbps   |                   |                         |                            |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
|                                   | <table border="1"> <thead> <tr> <th></th> <th>Standard EVC</th> <th>Business Priority EVC</th> <th>Business Critical EVC</th> <th>Mission Critical EVC</th> </tr> </thead> <tbody> <tr> <td><b>CoS Bandwidth</b></td> <td>10 Gbps</td> <td>0 Mbps</td> <td>0 Mbps</td> <td>0 Mbps</td> </tr> <tr> <td><b>CoS MRC</b></td> <td>\$1,800.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> </tr> <tr> <td><b>Total MRC</b></td> <td><b>\$1,800.00</b></td> <td><b>Total NRC</b> \$0.00</td> <td colspan="2"><b>Service Level</b> 99.9%</td> </tr> <tr> <td><b>Install Lead Time</b></td> <td>60 Days</td> <td colspan="3">10Gbps</td> </tr> <tr> <td><b>Location A Product Details</b></td> <td colspan="4"><b>Connector</b> 10 Gbps</td> </tr> </tbody> </table> |                   | Standard EVC            | Business Priority EVC      | Business Critical EVC | Mission Critical EVC | <b>CoS Bandwidth</b> | 10 Gbps | 0 Mbps | 0 Mbps | 0 Mbps | <b>CoS MRC</b> | \$1,800.00 | \$0.00 | \$0.00 | \$0.00 | <b>Total MRC</b> | <b>\$1,800.00</b> | <b>Total NRC</b> \$0.00 | <b>Service Level</b> 99.9% |  | <b>Install Lead Time</b> | 60 Days | 10Gbps |  |  | <b>Location A Product Details</b> | <b>Connector</b> 10 Gbps |  |  |  |
|                                   |  | Standard EVC      | Business Priority EVC   | Business Critical EVC      | Mission Critical EVC  |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
|                                   | <b>CoS Bandwidth</b>   | 10 Gbps           | 0 Mbps                  | 0 Mbps                     | 0 Mbps                |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
|                                   | <b>CoS MRC</b>   | \$1,800.00        | \$0.00                  | \$0.00                     | \$0.00                |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
|                                   | <b>Total MRC</b>   | <b>\$1,800.00</b> | <b>Total NRC</b> \$0.00 | <b>Service Level</b> 99.9% |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
|                                   | <b>Install Lead Time</b>   | 60 Days           | 10Gbps                  |                            |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
| <b>Location A Product Details</b> | <b>Connector</b> 10 Gbps   |                   |                         |                            |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
| <b>Location A</b>                 | 54 Meadow St, LL1 Floor, New Haven, CT 06519   |                   |                         |                            |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
| <b>Ethernet #2</b>                | <b>Product Type</b> Ethernet LAN (E-LAN) <b>Total Bandwidth</b> 10Gbps   |                   |                         |                            |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
|                                   | <table border="1"> <thead> <tr> <th></th> <th>Standard EVC</th> <th>Business Priority EVC</th> <th>Business Critical EVC</th> <th>Mission Critical EVC</th> </tr> </thead> <tbody> <tr> <td><b>CoS Bandwidth</b></td> <td>10 Gbps</td> <td>0 Mbps</td> <td>0 Mbps</td> <td>0 Mbps</td> </tr> <tr> <td><b>CoS MRC</b></td> <td>\$1,800.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> </tr> <tr> <td><b>Total MRC</b></td> <td><b>\$1,800.00</b></td> <td><b>Total NRC</b> \$0.00</td> <td colspan="2"><b>Service Level</b> 99.9%</td> </tr> <tr> <td><b>Install Lead Time</b></td> <td>60 Days</td> <td colspan="3">10Gbps</td> </tr> <tr> <td><b>Location A Product Details</b></td> <td colspan="4"><b>Connector</b> 10 Gbps</td> </tr> </tbody> </table> |                   | Standard EVC            | Business Priority EVC      | Business Critical EVC | Mission Critical EVC | <b>CoS Bandwidth</b> | 10 Gbps | 0 Mbps | 0 Mbps | 0 Mbps | <b>CoS MRC</b> | \$1,800.00 | \$0.00 | \$0.00 | \$0.00 | <b>Total MRC</b> | <b>\$1,800.00</b> | <b>Total NRC</b> \$0.00 | <b>Service Level</b> 99.9% |  | <b>Install Lead Time</b> | 60 Days | 10Gbps |  |  | <b>Location A Product Details</b> | <b>Connector</b> 10 Gbps |  |  |  |
|                                   |  | Standard EVC      | Business Priority EVC   | Business Critical EVC      | Mission Critical EVC  |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
|                                   | <b>CoS Bandwidth</b>   | 10 Gbps           | 0 Mbps                  | 0 Mbps                     | 0 Mbps                |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
|                                   | <b>CoS MRC</b>   | \$1,800.00        | \$0.00                  | \$0.00                     | \$0.00                |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
|                                   | <b>Total MRC</b>   | <b>\$1,800.00</b> | <b>Total NRC</b> \$0.00 | <b>Service Level</b> 99.9% |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
|                                   | <b>Install Lead Time</b>   | 60 Days           | 10Gbps                  |                            |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
| <b>Location A Product Details</b> | <b>Connector</b> 10 Gbps   |                   |                         |                            |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
| <b>Location A</b>                 | 480 Sherman Pkwy, 1st Floor, New Haven, CT 06511   |                   |                         |                            |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
| <b>Ethernet #3</b>                | <b>Product Type</b> Ethernet LAN (E-LAN) <b>Total Bandwidth</b> 10Gbps   |                   |                         |                            |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
|                                   | <table border="1"> <thead> <tr> <th></th> <th>Standard EVC</th> <th>Business Priority EVC</th> <th>Business Critical EVC</th> <th>Mission Critical EVC</th> </tr> </thead> <tbody> <tr> <td><b>CoS Bandwidth</b></td> <td>10 Gbps</td> <td>0 Mbps</td> <td>0 Mbps</td> <td>0 Mbps</td> </tr> <tr> <td><b>CoS MRC</b></td> <td>\$1,800.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> </tr> <tr> <td><b>Total MRC</b></td> <td><b>\$1,800.00</b></td> <td><b>Total NRC</b> \$0.00</td> <td colspan="2"><b>Service Level</b> 99.9%</td> </tr> <tr> <td><b>Install Lead Time</b></td> <td>60 Days</td> <td colspan="3">10Gbps</td> </tr> <tr> <td><b>Location A Product Details</b></td> <td colspan="4"><b>Connector</b> 10 Gbps</td> </tr> </tbody> </table> |                   | Standard EVC            | Business Priority EVC      | Business Critical EVC | Mission Critical EVC | <b>CoS Bandwidth</b> | 10 Gbps | 0 Mbps | 0 Mbps | 0 Mbps | <b>CoS MRC</b> | \$1,800.00 | \$0.00 | \$0.00 | \$0.00 | <b>Total MRC</b> | <b>\$1,800.00</b> | <b>Total NRC</b> \$0.00 | <b>Service Level</b> 99.9% |  | <b>Install Lead Time</b> | 60 Days | 10Gbps |  |  | <b>Location A Product Details</b> | <b>Connector</b> 10 Gbps |  |  |  |
|                                   |  | Standard EVC      | Business Priority EVC   | Business Critical EVC      | Mission Critical EVC  |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
|                                   | <b>CoS Bandwidth</b>   | 10 Gbps           | 0 Mbps                  | 0 Mbps                     | 0 Mbps                |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
|                                   | <b>CoS MRC</b>   | \$1,800.00        | \$0.00                  | \$0.00                     | \$0.00                |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
|                                   | <b>Total MRC</b>   | <b>\$1,800.00</b> | <b>Total NRC</b> \$0.00 | <b>Service Level</b> 99.9% |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
|                                   | <b>Install Lead Time</b>   | 60 Days           | 10Gbps                  |                            |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
| <b>Location A Product Details</b> | <b>Connector</b> 10 Gbps   |                   |                         |                            |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
| <b>Location A</b>                 | 181 Mitchell Dr, 1st Floor, New Haven, CT 06511  |                   |                         |                            |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
| <b>Ethernet #4</b>                | <b>Product Type</b> Ethernet LAN (E-LAN) <b>Total Bandwidth</b> 10Gbps   |                   |                         |                            |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
|                                   | <table border="1"> <thead> <tr> <th></th> <th>Standard EVC</th> <th>Business Priority EVC</th> <th>Business Critical EVC</th> <th>Mission Critical EVC</th> </tr> </thead> <tbody> <tr> <td><b>CoS Bandwidth</b></td> <td>10 Gbps</td> <td>0 Mbps</td> <td>0 Mbps</td> <td>0 Mbps</td> </tr> <tr> <td><b>CoS MRC</b></td> <td>\$1,800.00</td> <td>\$0.00</td> <td>\$0.00</td> <td>\$0.00</td> </tr> <tr> <td><b>Total MRC</b></td> <td><b>\$1,800.00</b></td> <td><b>Total NRC</b> \$0.00</td> <td colspan="2"><b>Service Level</b> 99.9%</td> </tr> <tr> <td><b>Install Lead Time</b></td> <td>60 Days</td> <td colspan="3">10Gbps</td> </tr> <tr> <td><b>Location A Product Details</b></td> <td colspan="4"><b>Connector</b> 10 Gbps</td> </tr> </tbody> </table> |                   | Standard EVC            | Business Priority EVC      | Business Critical EVC | Mission Critical EVC | <b>CoS Bandwidth</b> | 10 Gbps | 0 Mbps | 0 Mbps | 0 Mbps | <b>CoS MRC</b> | \$1,800.00 | \$0.00 | \$0.00 | \$0.00 | <b>Total MRC</b> | <b>\$1,800.00</b> | <b>Total NRC</b> \$0.00 | <b>Service Level</b> 99.9% |  | <b>Install Lead Time</b> | 60 Days | 10Gbps |  |  | <b>Location A Product Details</b> | <b>Connector</b> 10 Gbps |  |  |  |
|                                   |  | Standard EVC      | Business Priority EVC   | Business Critical EVC      | Mission Critical EVC  |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
|                                   | <b>CoS Bandwidth</b>   | 10 Gbps           | 0 Mbps                  | 0 Mbps                     | 0 Mbps                |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
|                                   | <b>CoS MRC</b>   | \$1,800.00        | \$0.00                  | \$0.00                     | \$0.00                |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
|                                   | <b>Total MRC</b>   | <b>\$1,800.00</b> | <b>Total NRC</b> \$0.00 | <b>Service Level</b> 99.9% |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
|                                   | <b>Install Lead Time</b>   | 60 Days           | 10Gbps                  |                            |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
| <b>Location A Product Details</b> | <b>Connector</b> 10 Gbps   |                   |                         |                            |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
| <b>Location A</b>                 | 255 Blatchey Ave, 1st Floor, New Haven, CT 06513   |                   |                         |                            |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
| <b>Ethernet #5</b>                | <b>Product Type</b> Ethernet LAN (E-LAN) <b>Total Bandwidth</b> 10Gbps   |                   |                         |                            |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
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|                                   |  | Standard EVC      | Business Priority EVC   | Business Critical EVC      | Mission Critical EVC  |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
|                                   | <b>CoS Bandwidth</b>   | 10 Gbps           | 0 Mbps                  | 0 Mbps                     | 0 Mbps                |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
|                                   | <b>CoS MRC</b>   | \$1,800.00        | \$0.00                  | \$0.00                     | \$0.00                |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
|                                   | <b>Total MRC</b>   | <b>\$1,800.00</b> | <b>Total NRC</b> \$0.00 | <b>Service Level</b> 99.9% |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
|                                   | <b>Install Lead Time</b>   | 60 Days           | 10Gbps                  |                            |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
| <b>Location A Product Details</b> | <b>Connector</b> 10 Gbps   |                   |                         |                            |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |
| <b>Location A</b>                 | 140 Dewitt St, 1st Floor, New Haven, CT 06519  |                   |                         |                            |                       |                      |                      |         |        |        |        |                |            |        |        |        |                  |                   |                         |                            |  |                          |         |        |  |  |                                   |                          |  |  |  |



# Order Form

Order Type: New  
# 2019-40809

## Order Summary

| <b>Pricing &amp; Contract Terms</b> | <b>Salesperson</b> Bob David  | <b>Terms (Months)</b> 12                                |  |       |      |          |        |            |              |               |
|-------------------------------------|---|---|--|-------|------|----------|--------|------------|--------------|---------------|
|                                     | <b>Client Service Mgr</b> Jennifer Falotico   |   |  |       |      |          |        |            |              |               |
|                                     | <b>Order Contact</b> Kevin Moriarty   | <b>Contact Email</b> kevin.moriarty@new-haven.k12.ct.us |  |       |      |          |        |            |              |               |
|                                     | <table border="1"> <thead> <tr> <th></th> <th>NRC *</th> <th>MRC*</th> </tr> </thead> <tbody> <tr> <td>Ethernet</td> <td>\$0.00</td> <td>\$9,000.00</td> </tr> <tr> <td><b>Total</b></td> <td><b>\$0.00</b></td> <td><b>\$9,000.00</b></td> </tr> </tbody> </table> |   |  | NRC * | MRC* | Ethernet | \$0.00 | \$9,000.00 | <b>Total</b> | <b>\$0.00</b> |
|                                     | NRC *   | MRC*  |  |       |      |          |        |            |              |               |
| Ethernet                            | \$0.00  | \$9,000.00  |  |       |      |          |        |            |              |               |
| <b>Total</b>                        | <b>\$0.00</b>   | <b>\$9,000.00</b>                                       |  |       |      |          |        |            |              |               |

\*Pricing shown does not reflect applicable taxes and fees.

## ORDER ACCEPTANCE

This Order Form is entered into between Provider (or "Company") and Customer (or "Licensee") effective as of the date of the last signature below, and is subject to the provisions of the Master Telecommunications License Agreement or other master agreement between the parties dated 1/1/2016 ("Agreement"), which is incorporated herein by reference. In the event the date in the previous sentence is blank, then this Order Form will be governed by the "Crown Castle Terms and Conditions Version 2.1" available at <https://fiber.crowncastle.com/crown-castle-telecommunications-license-terms-and-conditions.pdf> ("Online Terms"). In addition, if Company and Licensee have not executed a Supplement or Service Level Agreement applicable to the type of product contemplated by this Order Form, then the product-specific portion of the Online Terms applicable to the product under this Order Form shall apply.

| Licensee or Customer |                                 | Company or Provider |                               |
|----------------------|---------------------------------|---------------------|-------------------------------|
|                      | <b>New Haven Public Schools</b> |                     | <b>Crown Castle Fiber LLC</b> |
| Signature            |                                 | Signature           |                               |
| Name/Title           |                                 | Name/Title          |                               |
| Date                 |                                 | Date                |                               |



**MEMORANDUM**

**To:** Finance and Operations Committee

**From:** Kevin Moriarty, IT Manager

**Meeting Date:** April 1, 2019

**Re:** F&O Agenda Item Request/Approval – 1<sup>st</sup> option to Renew Agreement for Computer & Printer Support Solution

**Executive Summary:**

Renewal is requested for an agreement between the New Haven Board of Education and Advanced Office Systems (AOS), 296 East Main Street, Branford, CT 06405 to provide Computer and Printer Support Services to New Haven Public Schools. This would be the 1<sup>st</sup> of 4 options to renew.

**Effective Dates:** July 1, 2019 to June 30, 2020

**Amount of Agreement and Daily, Hourly, or Per Session Cost:**

Total Cost of Project is **\$449,280.00**

**Funding Source:** 2019-2020 Operating Budget – Data Processing  
Account #: 190-47200-56694

**Key Questions:**

1. **Please describe how this service is strategically aligned with school or District goals:**  
Due to the State of Connecticut moving forward with Smarter Balanced Online Testing, computer support services are needed to deploy and maintain computer systems within all schools. Aside from testing, students and faculty require access to working technology as part of their daily duties.
2. **Please describe the evidence of effectiveness for this contractor. In addition, how is or will the contractor be evaluated? If a continuation service, what are the results of last year's evaluation?**  
AOS has been providing these services for NHPS for the past 14 years. The IT Department has been very pleased with their performance and flexibility of technicians' availability. AOS has been very responsive with providing alternate solutions under specific situations.
3. **Why do you believe this agreement is fiscally sound? Include how the contractor was selected (various quotes vs. RFP vs. Sole Source), whether and why the cost has increased over last year (if continuation), and what an alternative might cost.**  
AOS was awarded this contract in 2018-2019 school year based on results of RFP#2019-04-1214. AOS was the only responding vendor capable of handling the contract for low-cost with room for expansion, when needed. Betsy Girgenti (our account rep) has been very accommodating with our needs over the years. No increase is reflected in this option to renew since last year.

Draft of agreement with scope of services is attached.

DRAFT

**AGREEMENT  
BY AND BETWEEN  
NEW HAVEN BOARD OF EDUCATION  
AND  
ADVANCED OFFICE SYSTEMS INC.  
FOR  
PROFESSIONAL SERVICES  
REGARDING  
COMPUTER AND PRINTER SUPPORT SERVICES**

DRAFT

**PART I**

This Agreement, consisting of Parts I and II, Exhibit A and Rider A, entered into this \_\_\_\_ day of \_\_\_\_\_, 2019, effective the 1<sup>st</sup> day of July 2019, by and between the New Haven Board of Education (hereinafter referred to as the "Board"), and Advanced Office Systems Inc., with offices at 296 East Main Street, Branford, Connecticut 06405 (hereinafter referred to as the "Contractor").

**WITNESSETH THAT:**

**WHEREAS**, the Board has heretofore determined that it required the services of a professional computer consultant to provide on site computer and printer support services, and

**WHEREAS**, the Contractor submitted its qualifications and pricing through RFP# 2019-04-1214 (the "RFP"); and

**WHEREAS**, the Board entered into a Professional Services Agreement dated September 24, 2018 (the "Original Agreement"), and

**WHEREAS**, the Original Agreement provided that they Board may, in its sole and exclusive discretion, exercise up to four (4) one-year options to renew; and

**WHEREAS**, the Board has been and remains satisfied with the Contractor's performance under the Original Agreement and has determined its desire to exercise the 1<sup>st</sup> option to renew said Agreement of one-year period for fiscal year 2019-2020; and

**WHEREAS** funds for the total cost are available in account number 190-47200-56694 pursuant to Purchase Order (~~CAPO~~) 91390191-00-FY 2019.

**NOW, THEREFORE**, the Board and the Contractor hereby agree as follows:



## **SECTION 1: ENGAGEMENT**

101. The Board hereby engages the Contractor and the Contractor hereby agrees to perform the services set forth herein in accordance with the terms and conditions and for the consideration set forth herein.

102. The person in charge of administering the services described under this Agreement on behalf of the Board shall be Kevin Moriarty, or such other person as he shall designate in writing.

103. The person responsible for the services to be performed by the contractor shall be Richard Sgueglia, or such other qualified person as is designated in writing by the Contractor and accepted by the Board.

104. The Contractor shall not subcontract any of the professional services to be performed by it under this Agreement, absent written approval by the Board.

## **SECTION 2: SCOPE OF SERVICES**

201. The Contractor shall perform the services set forth under this Agreement in a satisfactory manner, as reasonably determined by the Board. The Contractor shall make such revisions or modifications to its work, at its own cost and expense, as may be required by the Board; Provided, However, the Contractor shall not be required to make revisions at its sole cost and expense where the revisions are based upon considerations outside the scope of services initially given to the Contractor.

202. All drawings, reports, and documents prepared by the Contractor under this Agreement shall be submitted to the Board for review and approval. The Board shall review and respond to materials submitted by the Contractor within thirty (30) calendar days. In the event the Board disapproves of any of the submitted materials, or any portion thereof, or requires additional material in order to properly review the submission, the Contractor shall revise such disapproved work at its own cost and expense and submit the revised work or the additional required material for review and approval.

203. In performing the services required under this Agreement, the Contractor shall consult with Kevin Moriarty and shall meet, as appropriate, with other Board employees or officials and with other persons or entities, as necessary, including State and Federal officials and/or neighborhood groups or organizations.

204. The services to be performed by the Contractor shall consist of on site computer and printer support services staffed with up to six consultants at an hourly rate of \$36.00 each and \$50.00 each for extended hours, as more fully described in the Scope of Services attached hereto as Exhibit A, which is incorporated herein and made a part of this Agreement.

### **SECTION 3: INFORMATION TO BE FURNISHED TO THE CONTRACTOR**

301. The Board will provide the Contractor with all documents, data, and other materials in its possession appropriate to the services to be performed hereunder, and will endeavor to secure materials or information from other sources requested by the Contractor for the purpose of carrying out services under this Agreement.

### **SECTION 4: TIME OF PERFORMANCE**

401. The Contractor shall perform the services set forth in Section 2 of this Agreement at such times and in such sequence as may be directed by the Board.

402. This Agreement shall remain in effect until the services required hereunder are completed to the satisfaction of the Board, unless otherwise terminated by the parties hereto, but in any event shall terminate on June 30, 2020. If the Board remains satisfied with the performance of the Contractor it may, in its sole and exclusive discretion, renew this Agreement three (3) additional one-year term in accordance with the provisions of the RFP.

403. Notwithstanding any other provision in this Agreement, the Board reserves the right to terminate this Agreement for any reason upon twenty-one (21) days written notice to the Contractor. The Contractor shall be paid for satisfactory services rendered up to the termination date upon submission to the Board of all written memorandums, reports or other partially complete or incomplete documents, and such other materials as will reasonably facilitate transfer to a new Contractor.

### **SECTION 5: COMPENSATION**

501. The Board shall compensate the Contractor for satisfactory performance of the services required under Section 2 of this Agreement in a maximum amount not to exceed Four Hundred Forty Nine Thousand Two Hundred Eighty Dollars and Zero Cents (\$449,280.00), based on an hourly rate of Thirty Six (\$36.00) Dollars per hour per consultant for onsite services and Fifty (\$50.00) Dollars per hour per consultant for Extended Support (above 40 hrs. per week).

502. Compensation provided under this Section 5 constitutes full and complete payment for all costs assumed by the Contractor in performing this Agreement including but not limited to salaries; consultant fees; costs of materials and supplies; printing and reproduction; meetings, consultations, and presentations; travel expenses; postage; telephone; clerical expenses; and all similar expenses. No direct costs shall be reimbursed by the Board other than as provided in Section 501.

503. Payments to the Contractor under this Agreement shall be made by the Board on approval of payment requisitions certified by a principal of the Contractor submitted not more often than once a month. Each requisition shall be in a form acceptable to the Board and shall set forth the services performed, the percentage of completion of the work, and the compensation due the Contractor based upon the fee

amount set forth in Section 501. The Board may, prior to making any payment under this Agreement, require the Contractor to submit to it such additional information with respect to the Contractor's costs as the Board deems necessary.

504. No contract for employment is intended or implemented by this Agreement and no fringe benefits will be paid to the Contractor hereunder. The Contractor's relationship to the Board is that of an independent contractor.

## **SECTION 6: INSURANCE**

601. Contractor shall defend, indemnify and hold harmless the Board, and its officers, agents, servants and employees, from and against any and all actions, lawsuits, claims, damages, losses, judgements, liens, costs, expenses and reasonable counsel and consultant fees sustained by any person or entity ("Claims"), to the extent such Claims are caused by the acts, errors or omissions of the Contractor, including its employees, agents or subcontractors, directly or indirectly arising out of, or in any way in connection with, the obligations of the Contractor pursuant to this Agreement.

602. See attached Rider, which provisions by this reference are part of this Agreement as if fully incorporated herein.

## **SECTION 7: TERMS AND CONDITIONS**

701. This Agreement is subject to and incorporates the provisions attached hereto as City of New Haven Contract for Professional or Technical Services Part II, Terms and Conditions. In the event any provision of said Part II conflicts with any provision of this Part I of this Agreement, Part I shall be controlling.

702. This Agreement, its terms and conditions and any claims arising therefrom, shall be governed by Connecticut law. The Contractor shall comply with all applicable laws, ordinances, and codes of the State of Connecticut and the City of New Haven.

703. The parties agree that they waive a trial by jury as to any and all claims, causes of action or disputes arising out of this Agreement or services to be provided pursuant to this Agreement. Notwithstanding any such claim, dispute, or legal action, the Contractor shall continue to perform services under this Agreement in a timely manner, unless otherwise directed by the Board.

704. The Board and the Contractor each binds itself, its partners, successors, assigns and legal representatives to the other party to this Agreement and to the partners, successors, assigns and legal representatives of such other party with respect to all covenants of this Agreement.

705. This Agreement incorporates all the understandings of the parties hereto as to the matters contained herein and supersedes any and all agreements reached by the parties prior to the execution of this Agreement, whether oral or written, as to such matters.

706. If any provision of this Agreement is held invalid, the balance of the provisions of this Agreement shall not be affected thereby if the balance of the provisions of this Agreement would then continue to conform to the requirements of applicable laws.

707. Any waiver of the terms and conditions of this Agreement by either of the parties hereto shall not be construed to be a waiver of any other term or condition of this Agreement.

708. The Board may, from time to time, request changes in the scope of services of the Contractor to be performed hereunder. Such changes, including any increase or decrease in the amount of the Contractor's compensation, which are mutually agreed upon by and between the Board and the Contractor, shall be incorporated in written amendments executed by both parties to this Agreement.

709. References herein in the masculine gender shall also be construed to apply to the feminine gender.

710. Except as otherwise specifically provided in this Agreement, whenever under this Agreement approvals, authorizations, determinations, satisfactions or waivers are required or permitted, such items shall be effective and valid only when given in writing signed by a duly authorized officer of the Board or the Contractor, and delivered in hand or sent by mail, postage prepaid, to the party to whom it is directed at the addresses set forth on page one.

**IN WITNESS WHEREOF**, the parties have executed two (2) counterparts of this Agreement as of the day and year first above written.

**WITNESS:**

**NEW HAVEN BOARD OF EDUCATION**

\_\_\_\_\_

**BY:**

\_\_\_\_\_  
**Darnell Goldson, President**

**WITNESS:**

**ADVANCED OFFICE SYSTEMS INC.**

\_\_\_\_\_

**BY:**

\_\_\_\_\_  
**Richard Sgueglia**  
**Duly Authorized**

## EXHIBIT A

### Project Overview

Advanced Office Systems, Inc (AOS) acknowledges the New Haven Public Schools (NHPS) district's needs to obtain a Computer & Printer Support Solution.

AOS understands and acknowledges this contract is for One (1) Budget Year: July 1, 2019 to June 30, 2020, with the option to renew up to 3 times.

### Computer & Printer Support Resource Requirements

AOS understands it is to provide pricing per hour and per consultant resource, for an OnSite 40-hour position, which is classified as Consultant Computer & Printer Support, for up to six (6) Positions.

AOS understands it is to provide pricing per hour and per consultant resource, for extended hour contract support, primarily for Saturday Academy Sessions, from the hours of 8am-12pm. Provided and assigned resources are from the same resource pool as primary support, therefore, this above the OnSite 40-hour per week support.

- Extended Hour Support will be on a rotational schedule between the assigned consultant resources
- The number of consultant resources assigned per Saturday session will be determined by the NHPS IT Management

AOS understands the Consultant Computer & Printer Support position will have the following responsibilities:

- Provide hardware support for Intel/AMD based computers (PCS & Laptops)
- Provide hardware support for laser printers
- Provide Operating System support for Microsoft Computer Operating Systems
- Provide Application Support for Microsoft Office Software
- Application of securing patches on Microsoft Operating System and productivity software
- Move computers and printers to new locations during school and office moves
- Provide support for all computer based applications as needed
- Provide support for Apple Macintosh computers
- Provide support for Apple iPad Tablets
- Engage in basic troubleshooting for computer network connectivity related issued throughout the school district
- Provide remote computer problem support to NHPS staff using remote support tools
- Provide support for analog and wireless phone systems (including Blackberry server)
- Provide basic network router and switch related support
- Provide basic project management for any PC, Server, Network or VOIP related projects assigned by NHPS IT Management
- Log all work related activities using the NHPS help desk system
- Provide basic PC repair training for site based technology support personnel
- Provide Computer & Printer related support for employees and consultants within the NHPS organization

## General Requirements

AOS understands and acknowledges the following:

- NHPS IT Management must be involved in any personnel changes on the account, including removing or adding personnel to the account, based upon the agreed bill rates submitted in this RFP response
- AOS understands that NHPS IT has consultants that are in the Computer Support positions currently
  - AOS would retain current consultants as part of the proposed solution
- Onsite Vendor Management is not required, NHPS IT Management will supervise the outsourced team
- NHPS is unable to pay overtime
- AOS understands that NHPS may appoint one of the consultants as Lead Network Administrator.
- NHPS central offices are open 5-days per week, until 8PM. In the event of an emergency, every effort to resolve the problem by the end of the work day will be made. AOS understands that compensation for hours worked past the 8-hour allocation will be time off to be scheduled on a future date, at the direction of the NHPS IT Manager
- Support issues unable to be resolved within 4-hours to the manufacturer will be escalated. NHPS will pay the standard rate for a support request to be opened.
- Full utilization of Vendor warranty support resources to replaced damaged server equipment
- Recommendations of replacements and lowest cost procurement for damaged, out of warranty hardware components
- Capable of providing a same skill set replacement consultant to cover extended vacation or sick time
  - AOS will work in conjunctions with the NHPS IT Manager to qualify such candidates and qualify when and if coverage is to take place
- AOS is prepared to present their solution in person if required
- Projected wage rate for the position requested is currently \$21.00 per hour. AOS also reimburses consultants for parking fees, mileage and other miscellaneous expenses.

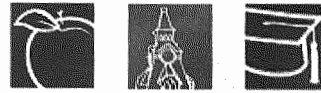
*Advanced Office Systems  
RFP 2019-04-1214  
Computer & Printer Support for NHPS*

*Price*

|  |   |
|--|---|
| <b>Computer &amp; Printer Support Consultant</b> | <b>\$36.00 per hour,<br/>per Consultant</b> |
|--|---|

|  |   |
|--|---|
| <b>Computer &amp; Printer Support Consultant,<br/>Extended Support (above 40-hours per week)</b> | <b>\$50.00 per hour,<br/>per Consultant</b> |
|--|---|

*AOS is proposing this rate for the entire duration of the contract and all applicable extensions.*



NEW HAVEN PUBLIC SCHOOLS

Joseph Barbarotta  
Executive Director  
Facilities Services

**MEMORANDUM**



654 Ferry Street  
New Haven, CT 06513  
Tel. (475) 220-1631  
Fax. (203) 936-5229

**To:** Finance and Operations Committee  
**From:** Joseph Barbarotta  
**Re:** F&O Agenda Item/For Approval – Renewal of Contract for On Call Swimming Pool Service  
**Meeting Date:** April 1, 2019  
**cc:** John Barbarotta, Luz Perez

---

For consideration and approval of the Renewal of Contract #21551-2-2 to **CT Custom Aquatics, LLC, 8 Massimo Drive, North Haven, CT** for On Call Swimming Pool Service for the NHPS for Fiscal Year 2019-2020.

**Amount of Contract:** Not to exceed \$50,000.

**Funding Source:** 2019-2020 Operating Budget  
Acct. #190-47400-56662

**Key Questions:**

1. **Please describe how this service is strategically aligned with school or District goals.** The service is to perform swimming pool services that are beyond the scope of our custodial staff the work requires a certified person to perform the services and also to keep a log of the water readings.
2. **Please describe the evidence of effectiveness for this contractor. In addition, how is or will the contractor be evaluated? If a continuation service, what are the results of last year’s evaluation? Inspections and maintenance reports are provided.** The contractor’s performance is inspected by the board of education and the log is maintained at the schools.
3. **Why do you believe this agreement is fiscally sound? Include how the contractor was selected (various quotes vs. RFP vs. Sole Source), whether and why the cost has increased over last year (if continuation), and what an alternative might cost.** This contract is a renewal and the amounts remain the same as last year. Last year the rate increased by \$10.00 per hour for a total of \$95 per hr. The cost of the chemicals used to maintain clean safe swimming pools is a driver of the increase. The certification requirement is necessary for us to stay in compliance with the law.

See option to renew letter attached.



New Haven Public Schools Facilities Department

Date: 2/12/19

Mr. Greg McMillan  
Ct Custom Aquatics, LLC  
8 Massimo Drive  
North Haven, CT 06473

RE: Contract Renewal for:  
Contract Name: On Call Swimming Pool Services  
Contract # 21551-2-2  
In the amount of: \$50,000

According to your agreement with the City of New Haven and Board of Education, you have a renewal option for the fiscal year 2019-2020. If you are interested in renewing the above referenced agreement for the same amount, under the same terms and conditions (including any increases to Livable wage), please sign this letter of acceptance. If you choose not to renew this contract please send me a letter stating such so we can terminate the contract and re-bid the work for the upcoming year.

Please sign below and return to John Barbarotta at 654 Ferry Street, New Haven, CT 06513 no later than 2/26/19. You may fax a copy to 203-936-5229 or scan and email to [john.barbarotta@nhboe.net](mailto:john.barbarotta@nhboe.net) to expedite renewal but, please follow up and send hard copy in mail.

Should you have any questions, please feel free to contact me. Thank you for your attention to this matter.

John Barbarotta  
Director of Facilities NHBOE  
654 Ferry Street  
New Haven Ct. 06513  
P#475-220-1644

Company Name: Greg McMillan CT. CUSTOMS Aquatics  
Contact Name: Greg McMillan [Signature]  
Title: CEO Date: 2-13-19



**CITY OF NEW HAVEN**  
**BUREAU OF PURCHASES**

Toni N. Harp

Mayor

Michael V. Fumiatti, Sr  
Purchasing Agent

**Fiscal Year 2018/2019**

**June 12, 2018**

**NOTICE OF AWARD**

200 Orange Street Rm 301  
New Haven, Connecticut 06510

Tel. (203)946-8201- Fax. (203)946-8206

|                         |                |                  |                                |
|-------------------------|----------------|------------------|--------------------------------|
| CT Custom Aquatics, LLC |                | Contract Name:   | On Call Swimming Pool Services |
| 8 Massimo Drive         |                | Contract #       | 21551-1-2                      |
| North Haven, CT 06473   |                | Date Advertised: | April 15, 2018                 |
| Contractor Contact      | Greg MacMillen | Date Opened:     | April 26, 2018                 |
| Telephone #:            | 203-985-0223   |                  |                                |
| Project Number:         |                | Contract Value:  | \$50,000.00                    |
| Vendor Number:          | 48497          | Contract Term:   | July 1, 2018--June 30, 2019    |

|          |  |  |  |  |
|----------|--|--|--|--|
| <b>X</b> | <b>Contract AGREEMENT forms - 2 signed originals are required. Complete as follows:</b>  |  |  |  |
|          | 1. Full business name of bidder  | 4. Certificate of Corporate Principal, if applicable |  |  |
|          | 2. Written signature of authorized agent   | 5. Written signature of the witnesses                |  |  |
|          | 3. Title of authorized agent   | 6. DO NOT fill in date on first page of agreement    |  |  |
|          | <b>Contractor must comply with Commission on Equal Opportunities requirements. Contact their office at (203) 946-8160 for additional paperwork.</b>        |  |  |  |
|          | <b>Contractor must comply with the Small Contractor Development Program requirements. Contact their office at (203) 946-6550 for additional paperwork.</b> |  |  |  |
| <b>X</b> | <b>Insurance certificates - required in duplicate, see attached Rider for endorsements and policy limits.</b>  |  |  |  |
|          | <b>Labor &amp; Material &amp; Performance Bond(s) - 2 signed originals are required, Complete as follows:</b>  |  |  |  |
|          | 1. Full business name of bidder.   | 6. Seal of Surety Company.                           |  |  |
|          | 2. Name of Surety Company.   | 7. Written signature of witnesses.                   |  |  |
|          | 3. Written signature of authorized agent or bidder.  | 8. Acknowledgment of Surety Company page.            |  |  |
|          | 4. Seal of bidder, if applicable.  | 9. Financial Statement of Surety Company.            |  |  |
|          | 5. Surety Company's authorized signature.  | 10. Updated power of attorney for Surety Company.    |  |  |

|   |                   |                     |                     |                |
|---|-------------------|---------------------|---------------------|----------------|
| <b>Contract Renewal – All terms and conditions of original contract apply</b> |                   |                     |                     |                |
|   | <b>State Wage</b> | <b>Livable Wage</b> | <b>Federal Wage</b> | <b>No Wage</b> |



NEW HAVEN PUBLIC SCHOOLS

**MEMORANDUM**

Joseph Barbarotta  
Executive Director  
Facilities Services



**To:** Finance and Operations Committee

**From:** Joseph Barbarotta

**Re:** F&O Agenda Item/For Approval  
Renewal of Contract for On Call Vehicle Maintenance

**Meeting Date:** April 1, 2019

**cc:** John Barbarotta, Luz Perez

---

654 Ferry Street  
New Haven, CT 06513  
Tel. (475) 220-1631  
Fax. (203) 936-5229

For consideration and approval of the Renewal of Contract #21552-2-2 to **Longwharf Transport, LLC**, 294 Kimberly Ave., New Haven, CT for On Call Vehicle Maintenance Service to the NHPS for Fiscal Year 2019-20.

**Amount of Contract:** Not to exceed \$75,000.

**Funding Source:** 2019-2020 Operating Budget  
Acct. #190-47400-56665

**Key Questions:**

1. **Please describe how this service is strategically aligned with school or District goals.**  
It is imperative to maintain the facilities fleet of vehicles as the trucks is used for daily, weekly and seasonal delivers, plowing and transportation.
2. **Please describe the evidence of effectiveness for this contractor. In addition, how is or will the contractor be evaluated? If a continuation service, what are the results of last year's evaluation? Inspections and maintenance reports are provided.** This service used to be performed in house by a certified unionized employee an analysis was performed and showed significant savings by outsourcing this service which has been documented.
3. **Why do you believe this agreement is fiscally sound? Include how the contractor was selected (various quotes vs. RFP vs. Sole Source), whether and why the cost has increased over last year (if continuation), and what an alternative might cost.** The contractor is the lower of two bidders the hourly rate is \$1.00 per hour increase (\$47.00) and the cost of repairs also increased resulting in an overall increase of 4.61%.The contractor is New Haven based.

See option to renew letter attached.



New Haven School Change

NEW HAVEN PUBLIC SCHOOLS

654 Ferry St. New Haven Ct. 06513



GOTO SERVICES

117 Kendall St. New Haven, CT 06513

New Haven Public Schools Facilities Department

Date: 2/25/19

Mr. Bobby Anderson  
Tony's Longwharf Transportation LLC.  
294 Kimberly Ave.  
New Haven, CT 06519


RE: Contract Renewal for: Tony's Longwharf Transportation LLC.  
Contract Name: On Call Vehicle Maintenance  
Contract # 21552-2-2  
In the amount of: \$75,000

According to your agreement with the City of New Haven and Board of Education, you have a renewal option for the fiscal year 2019-2020. If you are interested in renewing the above referenced agreement for the same amount, under the same terms and conditions (including any increases to Livable wage), please sign this letter of acceptance. If you choose not to renew this contract please send me a letter stating such so we can terminate the contract and re-bid the work for the upcoming year.

Please sign below and return to John Barbarotta at 654 Ferry Street, New Haven, CT 06513 no later than 3/11/19. You may fax a copy to 203-936-5229 or scan and email to [john.barbarotta@nhboe.net](mailto:john.barbarotta@nhboe.net) to expedite renewal but, please follow up and send hard copy in mail.

Should you have any questions, please feel free to contact me. Thank you for your attention to this matter.

John Barbarotta  
Director of Facilities NHBOE  
654 Ferry Street  
New Haven Ct. 06513  
P#475-220-1644

Company Name: Tony's Long Wharf Transport LLC  
Contact Name: Anthony Diaw   
Title: Manager Print Signature Date: 3/5/19



**CITY OF NEW HAVEN**  
BUREAU OF PURCHASES

Toni N. Harp

Mayor

Michael V. Fumiatti, Sr  
Purchasing Agent

**Fiscal Year 2018/2019**

**June 13, 2018**  
**NOTICE OF AWARD**

200 Orange Street Rm 301  
New Haven, Connecticut 06510

Tel. (203)946-8201- Fax. (203)946-8206

|                          |              |                  |                             |
|--------------------------|--------------|------------------|-----------------------------|
| Longwharf Transport, LLC |              | Contract Name:   | On Call Vehicle Maintenance |
| 294 Kimberly Avenue      |              | Contract #       | 21552-1-2                   |
| New Haven, CT 06519      |              | Date Advertised: | April 15, 2018              |
| Contractor Contact       | Karen Turcio | Date Opened:     | April 26, 2018              |
| Telephone #:             | 203-772-2390 |                  |                             |
| Project Number:          |              | Contract Value:  | \$75,000.00                 |
| Vendor Number:           | 48655        | Contract Term:   | July 1, 2018--June 30, 2019 |

|          |  |  |  |  |
|----------|--|--|--|--|
| <b>X</b> | <b>Contract AGREEMENT forms - 2 signed originals are required. Complete as follows:</b>  |  |  |  |
|          | 1. Full business name of bidder  | 4. Certificate of Corporate Principal, if applicable |  |  |
|          | 2. Written signature of authorized agent   | 5. Written signature of the witnesses                |  |  |
|          | 3. Title of authorized agent   | 6. DO NOT fill in date on first page of agreement    |  |  |
|          | <b>Contractor must comply with Commission on Equal Opportunities requirements. Contact their office at (203) 946-8160 for additional paperwork.</b>        |  |  |  |
|          | <b>Contractor must comply with the Small Contractor Development Program requirements. Contact their office at (203) 946-6550 for additional paperwork.</b> |  |  |  |
| <b>X</b> | <b>Insurance certificates - required in duplicate, see attached Rider for endorsements and policy limits.</b>  |  |  |  |
|          | <b>Labor &amp; Material &amp; Performance Bond(s) - 2 signed originals are required, Complete as follows:</b>  |  |  |  |
|          | 1. Full business name of bidder.   | 6. Seal of Surety Company.                           |  |  |
|          | 2. Name of Surety Company.   | 7. Written signature of witnesses.                   |  |  |
|          | 3. Written signature of authorized agent or bidder.  | 8. Acknowledgment of Surety Company page.            |  |  |
|          | 4. Seal of bidder, if applicable.  | 9. Financial Statement of Surety Company.            |  |  |
|          | 5. Surety Company's authorized signature.  | 10. Updated power of attorney for Surety Company.    |  |  |

|   |                   |                     |                     |                |
|---|-------------------|---------------------|---------------------|----------------|
| <b>Contract Renewal – All terms and conditions of original contract apply</b> |                   |                     |                     |                |
|   | <b>State Wage</b> | <b>Livable Wage</b> | <b>Federal Wage</b> | <b>No Wage</b> |



NEW HAVEN PUBLIC SCHOOLS

**MEMORANDUM**

Joseph Barbarotta  
Executive Director  
Facilities Services



**To:** Finance and Operations Committee  
**From:** Joseph Barbarotta  
**Re:** F&O Agenda Item/For Approval  
Renewal of Contract for On Call Line Striping Service  
**Meeting Date:** April 1, 2019  
**cc:** John Barbarotta, Luz Perez

---

654 Ferry Street  
New Haven, CT 06513  
Tel. (475) 220-1631  
Fax. (203) 936-5229

For consideration and approval of the Renewal of Contract #21556-2-2 to **Guidelines, LLC., 76 Glenwood Dr., Guilford, CT** for On Call Line Striping for the NHPS for Fiscal Year 2019-20.

**Amount of Contract:** Not to exceed \$30,000.

**Funding Source:** 2019-2020 Capital Projects

**Key Questions:**

1. **Please describe how this service is strategically aligned with school or District goals.**  
The service is to perform line-striping services that are beyond the scope of work of our in house painter.
2. **Please describe the evidence of effectiveness for this contractor. In addition, how is or will the contractor be evaluated? If a continuation service, what are the results of last year's evaluation?** Inspections and maintenance reports are provided. The contractor's performance is inspected by the board of education painter and the city to ensure code compliance.
3. **Why do you believe this agreement is fiscally sound? Include how the contractor was selected (various quotes vs. RFP vs. Sole Source), whether and why the cost has increased over last year (if continuation), and what an alternative might cost.** The contract is a renewal and the pricing remains the same as last fiscal year. This contract was awarded to the lower of the two bidders. The contract is for a lineal foot and lump sum contract which result in a 17% reduction for the service last year. The contractor is a registered SCDP participant.

See option to renew letter attached.

New Haven Public Schools Facilities Department

Date: 2/25/19

Mr. Adam White  
Guidelines, LLC.  
76 Glenwood Drive  
Guilford, CT 06437

RE: Contract Renewal for: Guidelines, LLC.  
Contract Name: On Call Line Stripping  
Contract # 21556-2-2  
In the amount of: \$30,000

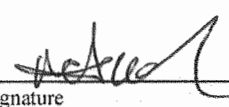
According to your agreement with the City of New Haven and Board of Education, you have a renewal option for the fiscal year 2019-2020. If you are interested in renewing the above referenced agreement for the same amount, under the same terms and conditions (including any increases to Livable wage), please sign this letter of acceptance. If you choose not to renew this contract please send me a letter stating such so we can terminate the contract and re-bid the work for the upcoming year.

Please sign below and return to John Barbarotta at 654 Ferry Street, New Haven, CT 06513 no later than 3/11/19. You may fax a copy to 203-936-5229 or scan and email to [john.barbarotta@nhboe.net](mailto:john.barbarotta@nhboe.net) to expedite renewal but, please follow up and send hard copy in mail.

Should you have any questions, please feel free to contact me. Thank you for your attention to this matter.

John Barbarotta  
Director of Facilities NHBOE  
654 Ferry Street  
New Haven Ct. 06513  
P#475-220-1644

Company Name: Guidelines LLC

Contact Name: Adam White   
Print signature

Title: member Date: 3/11/19



**CITY OF NEW HAVEN**  
**BUREAU OF PURCHASES**

Toni N. Harp

Mayor

Michael V. Fumiatti, Sr  
Purchasing Agent

**Fiscal Year 2018/2019**

**June 12, 2018**

**NOTICE OF AWARD**

200 Orange Street Rm 301  
New Haven, Connecticut 06510

Tel. (203)946-8201- Fax. (203)946-8206

|                    |              |                  |                             |
|--------------------|--------------|------------------|-----------------------------|
| Guidelines, LLC    |              | Contract Name:   | On Call Line Striping       |
| 76 Glenwood Drive  |              | Contract #       | 21556-1-2                   |
| Guilford, CT 06437 |              | Date Advertised: | April 24, 2018              |
| Contractor Contact | Adam White   | Date Opened:     | May 10, 2018                |
| Telephone #:       | 203-288-5087 |                  |                             |
| Project Number:    |              | Contract Value:  | \$30,000.00                 |
| Vendor Number:     | 47106        | Contract Term:   | July 1, 2018--June 30, 2019 |

|          |  |  |  |  |
|----------|--|--|--|--|
| <b>X</b> | <b>Contract AGREEMENT forms - 2 signed originals are required. Complete as follows:</b>  |  |  |  |
|          | 1. Full business name of bidder  | 4. Certificate of Corporate Principal, if applicable |  |  |
|          | 2. Written signature of authorized agent   | 5. Written signature of the witnesses                |  |  |
|          | 3. Title of authorized agent   | 6. DO NOT fill in date on first page of agreement    |  |  |
|          | <b>Contractor must comply with Commission on Equal Opportunities requirements. Contact their office at (203) 946-8160 for additional paperwork.</b>        |  |  |  |
|          | <b>Contractor must comply with the Small Contractor Development Program requirements. Contact their office at (203) 946-6550 for additional paperwork.</b> |  |  |  |
| <b>X</b> | <b>Insurance certificates - required in duplicate, see attached Rider for endorsements and policy limits.</b>  |  |  |  |
|          | <b>Labor &amp; Material &amp; Performance Bond(s) - 2 signed originals are required, Complete as follows:</b>  |  |  |  |
|          | 1. Full business name of bidder.   | 6. Seal of Surety Company.                           |  |  |
|          | 2. Name of Surety Company.   | 7. Written signature of witnesses.                   |  |  |
|          | 3. Written signature of authorized agent or bidder.  | 8. Acknowledgment of Surety Company page.            |  |  |
|          | 4. Seal of bidder, if applicable.  | 9. Financial Statement of Surety Company.            |  |  |
|          | 5. Surety Company's authorized signature.  | 10. Updated power of attorney for Surety Company.    |  |  |

|   |                   |                     |                     |                |
|---|-------------------|---------------------|---------------------|----------------|
| <b>Contract Renewal – All terms and conditions of original contract apply</b> |                   |                     |                     |                |
|   | <b>State Wage</b> | <b>Livable Wage</b> | <b>Federal Wage</b> | <b>No Wage</b> |





NEW HAVEN PUBLIC SCHOOLS

## MEMORANDUM

Joseph Barbarotta  
Executive Director  
Facilities Services



**To:** Finance and Operations Committee

**From:** Joseph Barbarotta

**Re:** F&O Agenda Item/For Approval  
Renewal of Contract for On Call Pest and Rodent Control

**Meeting Date:** April 1, 2019

**cc:** John Barbarotta, Luz Perez

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654 Ferry Street  
New Haven, CT 06513  
Tel. (475) 220-1631  
Fax. (203) 936-5229

For consideration and approval of the Renewal of Contract #21559-2-2 to **Connecticut Pest Elimination Inc., 409 Sawmill Rd., West Haven, CT** for On Call Pest and Rodent Control for the NHPS for Fiscal Year 2019-20.

**Amount of Contract:** Not to exceed \$35,000.

**Funding Source:** 2019-2020 Operating Budget  
Acct. #190-47400-56662

### Key Questions:

1. Please describe how this service is strategically aligned with school or District goals. State law unfunded mandate requires the school system have and maintain an Integrated Pest Management Program
2. Please describe the evidence of effectiveness for this contractor. In addition, how is or will the contractor be evaluated? If a continuation service, what are the results of last year's evaluation? Inspections and maintenance reports are provided. The contractor has continually provided responsive services as well as backup that are required to meet the state mandate.
3. Why do you believe this agreement is fiscally sound? Include how the contractor was selected (various quotes vs. RFP vs. Sole Source), whether and why the cost has increased over last year (if continuation), and what an alternative might cost. This contract is a renewal and the amount remains the same as last year. The contractor was the sole bidder. Last year the contract increased by \$1.00 per hour plus each application and monthly inspections increased, therefore the overall increase reflected a 24.87% increase from FY 2017-18.

See option to renew letter attached.



NEW HAVEN PUBLIC SCHOOLS

654 Ferry St. New Haven Ct. 06513



GOTO SERVICES

117 Kendall St. New Haven, CT 06513

New Haven Public Schools Facilities Department

Date: 2/12/19

Mr. Mike Lipsett  
Ct Pest Elimination Inc.  
273 Indian River Road  
Orange, CT 06477

RE: Contract Renewal for:  
Contract Name: On Call Pest and Rodent Control  
Contract # 21559-2-2  
In the amount of: \$35,000

According to your agreement with the City of New Haven and Board of Education, you have a renewal option for the fiscal year 2019-2020. If you are interested in renewing the above referenced agreement for the same amount, under the same terms and conditions (including any increases to Livable wage), please sign this letter of acceptance. If you choose not to renew this contract please send me a letter stating such so we can terminate the contract and re-bid the work for the upcoming year.

Please sign below and return to John Barbarotta at 654 Ferry Street, New Haven, CT 06513 no later than 2/26/19. You may fax a copy to 203-936-5229 or scan and email to [john.barbarotta@nhboe.net](mailto:john.barbarotta@nhboe.net) to expedite renewal but, please follow up and send hard copy in mail.

Should you have any questions, please feel free to contact me. Thank you for your attention to this matter.

John Barbarotta  
Director of Facilities NHBOE  
654 Ferry Street  
New Haven Ct. 06513  
P#475-220-1644

Company Name: Connecticut Pest Elimination Inc.

Contact Name: Keith Burzynski [Signature]  
Print Signature

Title: Director of Operations Date: 2/14/19



**CITY OF NEW HAVEN**  
BUREAU OF PURCHASES

Toni N. Harp

Mayor

Michael V. Fumiatti, Sr  
Purchasing Agent

**Fiscal Year 2018/2019**

**June 12, 2018**  
**NOTICE OF AWARD**

200 Orange Street Rm 301  
New Haven, Connecticut 06510

Tel. (203)946-8201- Fax. (203)946-8206

|                           |              |                  |                                 |
|---------------------------|--------------|------------------|---------------------------------|
| CT Pest Elimination, Inc. |              | Contract Name:   | On Call Pest and Rodent Control |
| 273 Indian River Road     |              | Contract #       | 21559-1-2                       |
| Orange, CT 06477          |              | Date Advertised: | April 24, 2018                  |
| Contractor Contact        | Mike Lipsett | Date Opened:     | May 9, 2018                     |
| Telephone #:              | 203-931-7378 |                  |                                 |
| Project Number:           |              | Contract Value:  | \$35,000.00                     |
| Vendor Number:            | 23170        | Contract Term:   | July 1, 2018--June 30, 2019     |

|          |  |  |  |  |
|----------|--|--|--|--|
| <b>X</b> | <b>Contract AGREEMENT forms - 2 signed originals are required. Complete as follows:</b>  |  |  |  |
|          | 1. Full business name of bidder  | 4. Certificate of Corporate Principal, if applicable |  |  |
|          | 2. Written signature of authorized agent   | 5. Written signature of the witnesses                |  |  |
|          | 3. Title of authorized agent   | 6. DO NOT fill in date on first page of agreement    |  |  |
|          | <b>Contractor must comply with Commission on Equal Opportunities requirements. Contact their office at (203) 946-8160 for additional paperwork.</b>        |  |  |  |
|          | <b>Contractor must comply with the Small Contractor Development Program requirements. Contact their office at (203) 946-6550 for additional paperwork.</b> |  |  |  |
| <b>X</b> | <b>Insurance certificates - required in duplicate, see attached Rider for endorsements and policy limits.</b>  |  |  |  |
|          | <b>Labor &amp; Material &amp; Performance Bond(s) - 2 signed originals are required, Complete as follows:</b>  |  |  |  |
|          | 1. Full business name of bidder.   | 6. Seal of Surety Company.                           |  |  |
|          | 2. Name of Surety Company.   | 7. Written signature of witnesses.                   |  |  |
|          | 3. Written signature of authorized agent or bidder.  | 8. Acknowledgment of Surety Company page.            |  |  |
|          | 4. Seal of bidder, if applicable.  | 9. Financial Statement of Surety Company.            |  |  |
|          | 5. Surety Company's authorized signature.  | 10. Updated power of attorney for Surety Company.    |  |  |

|   |                   |                     |                     |                |
|---|-------------------|---------------------|---------------------|----------------|
| <b>Contract Renewal – All terms and conditions of original contract apply</b> |                   |                     |                     |                |
|   | <b>State Wage</b> | <b>Livable Wage</b> | <b>Federal Wage</b> | <b>No Wage</b> |



NEW HAVEN PUBLIC SCHOOLS

**MEMORANDUM**

Joseph Barbarotta  
Executive Director  
Facilities Services

**To:** Finance and Operations Committee  
**From:** Joseph Barbarotta  
**Re:** F&O Agenda Item/For Approval - Renewal of Contract for On Call Security Camera Maintenance  
**Meeting Date:** April 1, 2019  
**cc:** John Barbarotta, Luz Perez

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654 Ferry Street  
New Haven, CT 06513  
Tel. (475) 220-1631  
Fax. (203) 936-5229

For consideration and approval of the Renewal of Contract #21562-2-2 to Utility Communications, Inc., 920 Sherman Ave., Hamden, CT for On Call Security Cameras Services for the NHPS for Fiscal Year 2019-20.

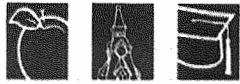
**Amount of Contract:** Not to exceed \$75,000.

**Funding Source:** 2019-20 Capital Projects

**Key Questions:**

1. Please describe how this service is strategically aligned with school or District goals. The service is to perform On Call Security Camera Repairs and replacement district wide.
2. Please describe the evidence of effectiveness for this contractor. In addition, how is or will the contractor be evaluated? If a continuation service, what are the results of last year's evaluation? Inspections and maintenance reports are provided. The contractor's performance will be critiqued closely as this is a new contractor to the utilized by BOE facilities. It is imperative this contractor performs efficiently as these are life safety services.
3. Why do you believe this agreement is fiscally sound? Include how the contractor was selected (various quotes vs. RFP vs. Sole Source), whether and why the cost has increased over last year (if continuation), and what an alternative might cost. The contract is a renewal and the pricing remains the same as last fiscal year. The contract is being awarded to the lowest of 3 bidders and the hourly rate has decreased by \$47.68 per hour and \$59.02 overtime hourly rate for a **44.39% overall reduction**. The BOE has over 4,000 cameras throughout the district and many have been upgraded to the milestone platform, which is compatible with the New Haven Police Departments 911 system.

See option to renew letter attached.



NEW HAVEN PUBLIC SCHOOLS

654 Ferry St. New Haven Ct. 06513



GOTO | SERVICES

117 Kendall St. New Haven, CT 06513

New Haven Public Schools Facilities Department

Date: 2/25/19

Mr. Robert Manfield  
Utility Communications  
920 Sherman Ave.  
Hamden, CT 06514

RE: Contract Renewal for: Utility Communications  
Contract Name: On Call Security Camera's  
Contract #21562 -2-2  
In the amount of: \$75,000

According to your agreement with the City of New Haven and Board of Education, you have a renewal option for the fiscal year 2019-2020. If you are interested in renewing the above referenced agreement for the same amount, under the same terms and conditions (including any increases to Livable wage), please sign this letter of acceptance. If you choose not to renew this contract please send me a letter stating such so we can terminate the contract and re-bid the work for the upcoming year.

Please sign below and return to John Barbarotta at 654 Ferry Street, New Haven, CT 06513 no later than 3/11/19. You may fax a copy to 203-936-5229 or scan and email to [john.barbarotta@nhboe.net](mailto:john.barbarotta@nhboe.net) to expedite renewal but, please follow up and send hard copy in mail.

Should you have any questions, please feel free to contact me. Thank you for your attention to this matter.

John Barbarotta  
Director of Facilities NHBOE  
654 Ferry Street  
New Haven Ct. 06513  
P#475-220-1644

Company Name: UTILITY COMMUNICATIONS, INC.

Contact Name: ROBERT MANFIELD JR  
Print Signature

Title: VICE PRESIDENT Date: 3/5/19



**CITY OF NEW HAVEN**  
BUREAU OF PURCHASES

Toni N. Harp

Mayor

Michael V. Fumiatti, Sr  
Purchasing Agent

**Fiscal Year 2018/2019**

**July 16, 2018**

**NOTICE OF AWARD**

200 Orange Street Rm 301  
New Haven, Connecticut 06510

Tel. (203)946-8201- Fax. (203)946-8206

|                              |                 |                  |                                     |
|------------------------------|-----------------|------------------|-------------------------------------|
| Utility Communications, Inc. |                 | Contract Name:   | On Call Security Camera Maintenance |
| 920 Sherman Avenue           |                 | Contract #       | 21562-1-2                           |
| Hamden, CT 06514             |                 | Date Advertised: | April 29, 2018                      |
| Contractor Contact           | Robert Manfield | Date Opened:     | May 8, 2018                         |
| Telephone #:                 | 203-287-1306    |                  |                                     |
| Project Number:              |                 | Contract Value:  | \$75,000.00                         |
| Vendor Number:               | 70190           | Contract Term:   | July 1, 2018--June 30, 2019         |

**X Contract AGREEMENT forms - 2 signed originals are required. Complete as follows:**

- |  |  |
|--|--|
| 1. Full business name of bidder          | 4. Certificate of Corporate Principal, if applicable |
| 2. Written signature of authorized agent | 5. Written signature of the witnesses                |
| 3. Title of authorized agent             | 6. DO NOT fill in date on first page of agreement    |

**Contractor must comply with Commission on Equal Opportunities requirements. Contact their office at (203) 946-8160 for additional paperwork.**

**Contractor must comply with the Small Contractor Development Program requirements. Contact their office at (203) 946-6550 for additional paperwork.**

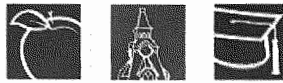
**X Insurance certificates - required in duplicate, see attached Rider for endorsements and policy limits.**

**Labor & Material & Performance Bond(s) - 2 signed originals are required, Complete as follows:**

- |   |   |
|---|---|
| 1. Full business name of bidder.                    | 6. Seal of Surety Company.                        |
| 2. Name of Surety Company.                          | 7. Written signature of witnesses.                |
| 3. Written signature of authorized agent or bidder. | 8. Acknowledgment of Surety Company page.         |
| 4. Seal of bidder, if applicable.                   | 9. Financial Statement of Surety Company.         |
| 5. Surety Company's authorized signature.           | 10. Updated power of attorney for Surety Company. |

**Contract Renewal – All terms and conditions of original contract apply**

|                   |                     |                     |                |
|-------------------|---------------------|---------------------|----------------|
| <b>State Wage</b> | <b>Livable Wage</b> | <b>Federal Wage</b> | <b>No Wage</b> |
|-------------------|---------------------|---------------------|----------------|



NEW HAVEN PUBLIC SCHOOLS

**MEMORANDUM**

Joseph Barbarotta  
Executive Director  
Facilities Services



654 Ferry Street  
New Haven, CT 06513  
Tel. (475) 220-1631  
Fax. (203) 936-5229

**To:** Finance and Operations Committee  
**From:** Joseph Barbarotta  
**Re:** F&O Agenda Item/For Approval  
Renewal of Contract for On Call Dumpster Rental Services  
**Meeting Date:** April 1, 2019  
**cc:** John Barbarotta, Luz Perez

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For consideration and approval of the Renewal of Contract #21563-2-2 to **Country Enterprises, LLC, P.O. Box 2009, North Haven, CT** for On Call Dumpster Rental Services for the NHPS for Fiscal Year 2019-20.

**Amount of Contract:** Not to exceed \$25,000.

**Funding Source:** 2019-2020 Operating Budget  
Acct. #190-47400-56662

**Key Questions:**

1. **Please describe how this service is strategically aligned with school or District goals.** This service is needed to provide assorted size dumpsters as needed for different projects throughout the year.
2. **Please describe the evidence of effectiveness for this contractor. In addition, how is or will the contractor be evaluated? If a continuation service, what are the results of last year's evaluation? Inspections and maintenance reports are provided.** This is a new vendor facilities will monitor his performance and create a track record utilizing the work order system. The contractor is not part of the SCDP nor is he MBE, WBE or NHB.
3. **Why do you believe this agreement is fiscally sound? Include how the contractor was selected (various quotes vs. RFP vs. Sole Source), whether and why the cost has increased over last year (if continuation), and what an alternative might cost.**  
The contract is a renewal and the pricing remains the same as last fiscal year. The contractor was the lower of the two bidders. The pricing had a 7.80% decrease last year.

See option to renew letter attached.







**CITY OF NEW HAVEN**  
BUREAU OF PURCHASES

Toni N. Hárp  
Mayor

**Fiscal Year 2018/2019**

Michael V. Fumiatti, Sr  
Purchasing Agent

**August 8, 2018**  
**NOTICE OF AWARD**

200 Orange Street Rm 301  
New Haven, Connecticut 06510  
Tel. (203)946-8201- Fax. (203)946-8206

|                                |                |                  |                                  |
|--------------------------------|----------------|------------------|----------------------------------|
| Country Disposal Services, LLC |                | Contract Name:   | On Call Dumpster Rental Services |
| P.O. Box 2009                  |                | Contract #       | 21563-1-2                        |
| North Haven, CT 06473          |                | Date Advertised: | April 28, 2018                   |
| Contractor Contact             | Michael Couden | Date Opened:     | May 8, 2018                      |
| Telephone #:                   | 203-239-1908   |                  |                                  |
| Project Number:                |                | Contract Value:  | \$25,000.00                      |
| Vendor Number:                 | 56237          | Contract Term:   | July 1, 2018–June 30, 2019       |

|          |  |  |  |
|----------|--|--|--|
| <b>X</b> | <b>Contract AGREEMENT forms - 2 signed originals are required. Complete as follows:</b>  |  |  |
|          | 1. Full business name of bidder  | 4. Certificate of Corporate Principal, if applicable |  |
|          | 2. Written signature of authorized agent   | 5. Written signature of the witnesses                |  |
|          | 3. Title of authorized agent   | 6. DO NOT fill in date on first page of agreement    |  |
|          | <b>Contractor must comply with Commission on Equal Opportunities requirements. Contact their office at (203) 946-8160 for additional paperwork.</b>        |  |  |
|          | <b>Contractor must comply with the Small Contractor Development Program requirements. Contact their office at (203) 946-6550 for additional paperwork.</b> |  |  |
| <b>X</b> | <b>Insurance certificates - required in duplicate, see attached Rider for endorsements and policy limits.</b>  |  |  |
|          | <b>Labor &amp; Material &amp; Performance Bond(s) - 2 signed originals are required, Complete as follows:</b>  |  |  |
|          | 1. Full business name of bidder.   | 6. Seal of Surety Company.                           |  |
|          | 2. Name of Surety Company.   | 7. Written signature of witnesses.                   |  |
|          | 3. Written signature of authorized agent or bidder.  | 8. Acknowledgment of Surety Company page.            |  |
|          | 4. Seal of bidder, if applicable.  | 9. Financial Statement of Surety Company.            |  |
|          | 5. Surety Company's authorized signature.  | 10. Updated power of attorney for Surety Company.    |  |

|   |                   |                     |                     |                |
|---|-------------------|---------------------|---------------------|----------------|
| <b>Contract Renewal – All terms and conditions of original contract apply</b> |                   |                     |                     |                |
|   | <b>State Wage</b> | <b>Livable Wage</b> | <b>Federal Wage</b> | <b>No Wage</b> |



NEW HAVEN PUBLIC SCHOOLS

**MEMORANDUM**

Joseph Barbarotta  
Executive Director  
Facilities Services

**To:** Finance and Operations Committee  
**From:** Joseph Barbarotta  
**Re:** F&O Agenda Item/For Approval  
Renewal of Contract for Dumpster Services for ESUMS, Dr. Mayo  
Early Childhood School and New Haven Academy  
**Meeting Date:** April 1, 2019  
**cc:** John Barbarotta, Luz Perez

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654 Ferry Street  
New Haven, CT 06513  
Tel. (475) 220-1631  
Fax. (203) 936-5229

For consideration and approval of the Renewal of Contract #21565-2-2 to **All American Waste, LLC**, 15 Mullen Rd., Enfield, CT for Dumpster Service for ESUMS, New Haven Academy and Dr. Mayo Early Learning School for Fiscal Year 2019-20

**Amount of Contract:** Not to exceed \$26,500.

**Funding Source:** 2019-2020 Operating Budget  
Acct. #190-47400-56662

**Key Questions:**

1. **Please describe how this service is strategically aligned with school or District goals.**  
The service is to perform dumpsters for removal of trash throughout the year at ESUMS, New Haven Academy and Dr. Mayo Early Childhood School.
2. **Please describe the evidence of effectiveness for this contractor. In addition, how is or will the contractor be evaluated? If a continuation service, what are the results of last year's evaluation? Inspections and maintenance reports are provided. The contractor is monitored through the Work Order System.**
3. **Why do you believe this agreement is fiscally sound? Include how the contractor was selected (various quotes vs. RFP vs. Sole Source), whether and why the cost has increased over last year (if continuation), and what an alternative might cost.**  
The contract is a renewal and the pricing remains the same as last fiscal year. The contractor was the lower of the two bidders. The contract is a lump sum per dumpster pickup. Last year the unit prices decreased \$9.00 per hour and the scope of work (number of required pickups) were reduced reflecting a 25% overall reduction in the contract.

See option to renew letter attached.

New Haven Public Schools Facilities Department

Date: 2/25/19

Mr. Joe Engravalle  
All American Waste LLC.  
19 Wheeler St.  
New Haven, CT 06512

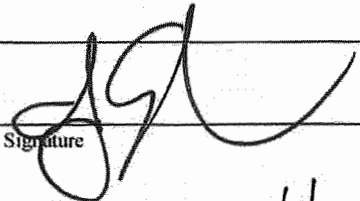
RE: Contract Renewal for: All American Waste LLC.  
Contract Name: On Call Dumpster Services at ESUMS, Dr. Mayo & NHA  
Contract # 21565-2-2  
In the amount of: \$26,500

According to your agreement with the City of New Haven and Board of Education, you have a renewal option for the fiscal year 2019-2020. If you are interested in renewing the above referenced agreement for the same amount, under the same terms and conditions (including any increases to Livable wage), please sign this letter of acceptance. If you choose not to renew this contract please send me a letter stating such so we can terminate the contract and re-bid the work for the upcoming year.

Please sign below and return to John Barbarotta at 654 Ferry Street, New Haven, CT 06513 no later than 3/11/19. You may fax a copy to 203-936-5229 or scan and email to [john.barbarotta@nhboe.net](mailto:john.barbarotta@nhboe.net) to expedite renewal but, please follow up and send hard copy in mail.

Should you have any questions, please feel free to contact me. Thank you for your attention to this matter.

John Barbarotta  
Director of Facilities NHBOE  
654 Ferry Street  
New Haven Ct. 06513  
P#475-220-1644

Company Name: ALL AMERICAN WASTE LLC  
Contact Name: JOE ENGRAVALLE /   
Print Signature  
Title: MAJOR ACCOUNTS MANAGER Date: 3/4/2019



**CITY OF NEW HAVEN**  
**BUREAU OF PURCHASES**

Toni N. Harp  
 Mayor

**Fiscal Year 2018/2019**

Michael V. Fumiatti, Sr  
 Purchasing Agent

**June 12, 2018**  
**NOTICE OF AWARD**

200 Orange Street Rm 301  
 New Haven, Connecticut 06510  
 Tel. (203)946-8201- Fax. (203)946-8206

|                        |                |                  |   |
|------------------------|----------------|------------------|---|
| All American Waste LLC |                | Contract Name:   | On Call Dumpster Services for ESUMS, NHA & Dr. Mayo Schools |
| 19 Wheeler Street      |                | Contract #       | 21565-1-2   |
| New Haven, CT 06512    |                | Date Advertised: | April 29, 2018  |
| Contractor Contact     | Joe Engravalle | Date Opened:     | May 16, 2018  |
| Telephone #:           | 203-503-3812   |                  |   |
| Project Number:        |                | Contract Value:  | \$26,500.00   |
| Vendor Number:         | 40702          | Contract Term:   | July 1, 2018--June 30, 2019                                 |

**X Contract AGREEMENT forms - 2 signed originals are required. Complete as follows:**

- |  |  |
|--|--|
| 1. Full business name of bidder          | 4. Certificate of Corporate Principal, if applicable |
| 2. Written signature of authorized agent | 5. Written signature of the witnesses                |
| 3. Title of authorized agent             | 6. DO NOT fill in date on first page of agreement    |

**Contractor must comply with Commission on Equal Opportunities requirements. Contact their office at (203) 946-8160 for additional paperwork.**

**Contractor must comply with the Small Contractor Development Program requirements. Contact their office at (203) 946-6550 for additional paperwork.**

**X Insurance certificates - required in duplicate, see attached Rider for endorsements and policy limits.**

**Labor & Material & Performance Bond(s) - 2 signed originals are required, Complete as follows:**

- |   |   |
|---|---|
| 1. Full business name of bidder.                    | 6. Seal of Surety Company.                        |
| 2. Name of Surety Company.                          | 7. Written signature of witnesses.                |
| 3. Written signature of authorized agent or bidder. | 8. Acknowledgment of Surety Company page.         |
| 4. Seal of bidder, if applicable.                   | 9. Financial Statement of Surety Company.         |
| 5. Surety Company's authorized signature.           | 10. Updated power of attorney for Surety Company. |

**Contract Renewal – All terms and conditions of original contract apply**

|                   |                     |                     |                |
|-------------------|---------------------|---------------------|----------------|
| <b>State Wage</b> | <b>Livable Wage</b> | <b>Federal Wage</b> | <b>No Wage</b> |
|-------------------|---------------------|---------------------|----------------|



NEW HAVEN PUBLIC SCHOOLS

INTEROFFICE MEMORANDUM

Joseph Barbarotta  
Executive Director  
Facilities Services

To: Finance and Operations Committee  
From: Joseph Barbarotta  
Re: F&O Agenda Item/For Approval  
Renewal of Contract for On Call HVAC Controls Services  
Meeting Date: April 1, 2019  
cc: John Barbarotta, Luz Perez



654 Ferry Street  
New Haven, CT 06513  
Tel. (475) 220-1631  
Fax. (203) 936-5229

For consideration and approval of the Renewal of Contract #21579-2-2 to CT Controls Corp., 18 Industrial Park Road, Centerbrook, CT for On Call HVAC Controls Service for the NHPS for Fiscal Year 2019-20

Amount of Contract: Not to exceed \$200,000.

Funding Source: 2019-2020 Operating Budget  
Acct. #190-47400-56624

Key Questions:

1. Please describe how this service is strategically aligned with school or District goals.  
The service is to perform repair and upgrades to the BOE Building Maintenance System that controls the heat and air conditioning throughout the district.
1. Please describe the evidence of effectiveness for this contractor. In addition, how is or will the contractor be evaluated? If a continuation service, what are the results of last year's evaluation? Inspections and maintenance reports are provided.  
The contractor's performance is inspected by the board of education HVAC technicians as well as daily collaboration with AFB energy manager. These services respond to daily HVAC issues.
2. Why do you believe this agreement is fiscally sound? Include how the contractor was selected (various quotes vs. RFP vs. Sole Source), whether and why the cost has increased over last year (if continuation), and what an alternative might cost.  
This contract is a renewal and the pricing remains the same as last fiscal year. This contract was awarded to the sole bidder. Last fiscal year the contract had an increase of \$4.00 per regular hour as well as \$4.00 per overtime hour for a total increase of 3.36%. The contractor has a good track record of service and has assisted with the application and eventual award of grant funding. This contractor is essential to the daily operation and maintenance of the districts HVAC systems. This contract is in excess of the \$150,000 threshold and therefore is not eligible for the SCDP.

See option to renew letter attached.

New Haven Public Schools Facilities Department

Date: 2/25/19

Mr. Tom Laird  
CT. Controls Corp.  
18 Industrial Park Road  
Centerbrook, CT 06409

RE: Contract Renewal for: CT Controls Corp.  
Contract Name: On Call HVAC Controls  
Contract # 21579-2-2  
In the amount of: \$200,000

According to your agreement with the City of New Haven and Board of Education, you have a renewal option for the fiscal year 2019-2020. If you are interested in renewing the above referenced agreement for the same amount, under the same terms and conditions (including any increases to Livable wage), please sign this letter of acceptance. If you choose not to renew this contract please send me a letter stating such so we can terminate the contract and re-bid the work for the upcoming year.

Please sign below and return to John Barbarotta at 654 Ferry Street, New Haven, CT 06513 no later than 3/11/19. You may fax a copy to 203-936-5229 or scan and email to [john.barbarotta@nhboe.net](mailto:john.barbarotta@nhboe.net) to expedite renewal but, please follow up and send hard copy in mail.

Should you have any questions, please feel free to contact me. Thank you for your attention to this matter.

John Barbarotta  
Director of Facilities NHBOE  
654 Ferry Street  
New Haven Ct. 06513  
P#475-220-1644

Company Name: Connecticut Controls Corp.

Contact Name: Thomas Laird  
Print Signature

Title: Pres. Devt Date: 3/4/2019



**CITY OF NEW HAVEN**  
**BUREAU OF PURCHASES**

Toni N. Harp  
 Mayor

**Fiscal Year 2018/2019**

**July 24, 2018**

**NOTICE OF AWARD**

200 Orange Street Rm 301  
 New Haven, Connecticut 06510

Tel. (203)946-8201- Fax. (203)946-8206

Michael V. Fumiatti, Sr  
 Purchasing Agent

|                         |              |                  |                             |
|-------------------------|--------------|------------------|-----------------------------|
| CT Controls Corporation |              | Contract Name:   | On Call HVAC Controls       |
| 18 Industrial Park Road |              | Contract #       | 21579-1-2                   |
| Centerbrook, CT 06409   |              | Date Advertised: | May 6, 2018                 |
| Contractor Contact      | Tom Laird    | Date Opened:     | May 30, 2018                |
| Telephone #:            | 860-767-9747 |                  |                             |
| Project Number:         |              | Contract Value:  | \$200,000.00                |
| Vendor Number:          | 47128        | Contract Term:   | July 1, 2018--June 30, 2019 |

**X Contract AGREEMENT forms - 2 signed originals are required. Complete as follows:**

|  |  |
|--|--|
| 1. Full business name of bidder          | 4. Certificate of Corporate Principal, if applicable |
| 2. Written signature of authorized agent | 5. Written signature of the witnesses                |
| 3. Title of authorized agent             | 6. DO NOT fill in date on first page of agreement    |

**Contractor must comply with Commission on Equal Opportunities requirements. Contact their office at (203) 946-8160 for additional paperwork.**

**Contractor must comply with the Small Contractor Development Program requirements. Contact their office at (203) 946-6550 for additional paperwork.**

**X Insurance certificates - required in duplicate, see attached Rider for endorsements and policy limits.**

**Labor & Material & Performance Bond(s) - 2 signed originals are required, Complete as follows:**

|   |   |
|---|---|
| 1. Full business name of bidder.                    | 6. Seal of Surety Company.                        |
| 2. Name of Surety Company.                          | 7. Written signature of witnesses.                |
| 3. Written signature of authorized agent or bidder. | 8. Acknowledgment of Surety Company page.         |
| 4. Seal of bidder, if applicable.                   | 9. Financial Statement of Surety Company.         |
| 5. Surety Company's authorized signature.           | 10. Updated power of attorney for Surety Company. |

**Contract Renewal – All terms and conditions of original contract apply**

|                          |                          |                          |                          |                          |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| State Wage               | Livable Wage             | Federal Wage             | No Wage                  |                          |



NEW HAVEN PUBLIC SCHOOLS

INTEROFFICE MEMORANDUM

Joseph Barbarotta  
Executive Director  
Facilities Services

To: Finance and Operations Committee  
From: Joseph Barbarotta  
Re: F&O Agenda Item/For Approval - Renewal of Contract for On Call Generator Maintenance and Testing  
Meeting Date: April 1, 2019  
cc: John Barbarotta, Luz Perez

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654 Ferry Street  
New Haven, CT 06513  
Tel. (475) 220-1631  
Fax. (203) 936-5229

For consideration and approval of the Renewal of Contract #21583-2-2 to Tri State Maintenance Services LLC, 356 Old Maple Avenue, No. Haven, CT for On Call Generator Maintenance and Testing for the NHPS for Fiscal Year 2019-20.

**Amount of Contract: Not to exceed \$50,000.**

**Funding Source: 2019-2020 Operating Budget  
Acct. #190-47400-56624**

**Key Questions:**

1. **Please describe how this service is strategically aligned with school or District goals.**  
The service is to perform repair and maintenance services to the generators throughout the district.
2. **Please describe the evidence of effectiveness for this contractor. In addition, how is or will the contractor be evaluated? If a continuation service, what are the results of last year's evaluation? Inspections and maintenance reports are provided.**  
The contractor's performance is inspected by the board of education electrical technicians as well as daily collaboration with AFB trades manager. These services respond to daily HVAC issues.
3. **Why do you believe this agreement is fiscally sound? Include how the contractor was selected (various quotes vs. RFP vs. Sole Source), whether and why the cost has increased over last year (if continuation), and what an alternative might cost.**  
The contract is a renewal and the pricing remains the same as last fiscal year. This contract was awarded to the lower of two bidders. This service was performed off of state contracts in the past so this is a new bid for facilities. The contract is necessary for life safety purposes as the generator maintenance is necessary to back up the electrical power throughout the district.

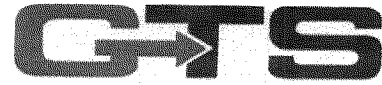
See option to renew letter attached.





NEW HAVEN PUBLIC SCHOOLS

654 Ferry St. New Haven Ct. 06513



GOTO SERVICES

117 Kendall St. New Haven, CT 06513

New Haven Public Schools Facilities Department

Date: 2/12/19

Mr. Tom Giuliano  
Tri-State Maintenance LLC.  
356 Old Maple Ave.  
North Haven, CT 06473

RE: Contract Renewal for:  
Contract Name: On Call Generator Maintenance and Service  
Contract #21583 -2-2  
In the amount of: \$50,000

According to your agreement with the City of New Haven and Board of Education, you have a renewal option for the fiscal year 2019-2020. If you are interested in renewing the above referenced agreement for the same amount, under the same terms and conditions (including any increases to Livable wage), please sign this letter of acceptance. If you choose not to renew this contract please send me a letter stating such so we can terminate the contract and re-bid the work for the upcoming year.

Please sign below and return to John Barbarotta at 654 Ferry Street, New Haven, CT 06513 no later than 2/26/19. You may fax a copy to 203-936-5229 or scan and email to [john.barbarotta@nhboe.net](mailto:john.barbarotta@nhboe.net) to expedite renewal but, please follow up and send hard copy in mail.

Should you have any questions, please feel free to contact me. Thank you for your attention to this matter.

John Barbarotta  
Director of Facilities NHBOE  
654 Ferry Street  
New Haven Ct. 06513  
P#475-220-1644

Company Name: Tri State Maintenance Services LLC

Contact Name: Kem Kennealy / [Signature]  
Print Signature

Title: Office Manager Date: 2/15/19



**CITY OF NEW HAVEN**  
**BUREAU OF PURCHASES**

Toni N. Harp

Mayor

Michael V. Fumiatti, Sr  
 Purchasing Agent

**Fiscal Year 2018/2019**

**July 23, 2018**

**NOTICE OF AWARD**

200 Orange Street Rm 301  
 New Haven, Connecticut 06510

Tel. (203)946-8201- Fax. (203)946-8206

|                                     |                 |                  |                               |
|-------------------------------------|-----------------|------------------|-------------------------------|
| Tri State Maintenance Services, LLC |                 | Contract Name:   | On Call Generator Maintenance |
| 356 Old Maple Avenue                |                 | Contract #       | 21583-1-2                     |
| North Haven, CT 06473               |                 | Date Advertised: | May 13, 2018                  |
| Contractor Contact                  | Thomas Giuliano | Date Opened:     | May 30, 2018                  |
| Telephone #:                        | 203-691-1343    |                  |                               |
| Project Number:                     |                 | Contract Value:  | \$50,000.00                   |
| Vendor Number:                      | 45700           | Contract Term:   | July 1, 2018--June 30, 2019   |

**X Contract AGREEMENT forms - 2 signed originals are required. Complete as follows:**

- |  |  |
|--|--|
| 1. Full business name of bidder          | 4. Certificate of Corporate Principal, if applicable |
| 2. Written signature of authorized agent | 5. Written signature of the witnesses                |
| 3. Title of authorized agent             | 6. DO NOT fill in date on first page of agreement    |

**Contractor must comply with Commission on Equal Opportunities requirements. Contact their office at (203) 946-8160 for additional paperwork.**

**Contractor must comply with the Small Contractor Development Program requirements. Contact their office at (203) 946-6550 for additional paperwork.**

**X Insurance certificates - required in duplicate, see attached Rider for endorsements and policy limits.**

**Labor & Material & Performance Bond(s) - 2 signed originals are required, Complete as follows:**

- |   |   |
|---|---|
| 1. Full business name of bidder.                    | 6. Seal of Surety Company.                        |
| 2. Name of Surety Company.                          | 7. Written signature of witnesses.                |
| 3. Written signature of authorized agent or bidder. | 8. Acknowledgment of Surety Company page.         |
| 4. Seal of bidder, if applicable.                   | 9. Financial Statement of Surety Company.         |
| 5. Surety Company's authorized signature.           | 10. Updated power of attorney for Surety Company. |

**Contract Renewal – All terms and conditions of original contract apply**

|                   |                     |                     |                |
|-------------------|---------------------|---------------------|----------------|
| <b>State Wage</b> | <b>Livable Wage</b> | <b>Federal Wage</b> | <b>No Wage</b> |
|-------------------|---------------------|---------------------|----------------|



NEW HAVEN PUBLIC SCHOOLS

## MEMORANDUM

Joseph Barbarotta  
Executive Director  
Facilities Services



**To:** Finance and Operations Committee

**From:** Joseph Barbarotta

**Re:** F&O Agenda Item/For Approval –  
Renewal of Contract for On Call Glass Repairs

**Meeting Date:** April 1, 2019

**cc:** John Barbarotta, Luz Perez

654 Ferry Street  
New Haven, CT 06513  
Tel. (475) 220-1631  
Fax. (203) 936-5229

For consideration and approval of the Renewal of Contract #21588-2-2 to **East Shore Glass, Inc.**, 132 Main Street, New Haven, CT for On Glass Repairs for the NHPS for Fiscal Year 2019-20.

**Amount of Contract: Not to exceed \$95,000.**

**Funding Source: 2019-2020 Operating Budget  
Acct. #190-47400-56624**

### **Key Questions:**

1. **Please describe how this service is strategically aligned with school or District goals.**  
The service is to perform glass and glazing repairs and replacement throughout the district. It is BOE policy to replace broken glass expediently in order to prevent further vandalism.
2. **Please describe the evidence of effectiveness for this contractor. In addition, how is or will the contractor be evaluated? If a continuation service, what are the results of last year's evaluation? Inspections and maintenance reports are provided.**  
The contractor's has performed the service for a number of years to our satisfaction. They are always responsive and diligent and their work is always performed professionally and to code.
3. **Why do you believe this agreement is fiscally sound? Include how the contractor was selected (various quotes vs. RFP vs. Sole Source), whether and why the cost has increased over last year (if continuation), and what an alternative might cost.**  
This contract is a renewal and the amount remains the same as last year. This contract was awarded to the sole bidder. There was no change from the FY 2017-18 contract and the contractor is New Haven Based, Women Based SCDP participant.

See option to renew letter attached.

New Haven Public Schools Facilities Department

Date: 2/12/19

Ms. Mary Ann Massaro  
East Shore Glass Inc.  
132 Main St.  
New Haven, CT 06512

RE: Contract Renewal for:  
Contract Name: On Call Glass Repair  
Contract # 21588-2-2  
In the amount of: \$95,000

According to your agreement with the City of New Haven and Board of Education, you have a renewal option for the fiscal year 2019-2020. If you are interested in renewing the above referenced agreement for the same amount, under the same terms and conditions (including any increases to Livable wage), please sign this letter of acceptance. If you choose not to renew this contract please send me a letter stating such so we can terminate the contract and re-bid the work for the upcoming year.

Please sign below and return to John Barbarotta at 654 Ferry Street, New Haven, CT 06513 no later than 2/26/19. You may fax a copy to 203-936-5229 or scan and email to [john.barbarotta@nhboe.net](mailto:john.barbarotta@nhboe.net) to expedite renewal but, please follow up and send hard copy in mail.

Should you have any questions, please feel free to contact me. Thank you for your attention to this matter.

John Barbarotta  
Director of Facilities NHBOE  
654 Ferry Street  
New Haven Ct. 06513  
P#475-220-1644

Company Name: East Shore Glass Con. Inc.  
Contact Name: Salvatore Costantini  
Title: Pres. Date: 2/13/19



**CITY OF NEW HAVEN**  
**BUREAU OF PURCHASES**

Toni N. Harp

Mayor

Michael V. Fumiatti, Sr  
Purchasing Agent

**Fiscal Year 2018/2019**

**June 25, 2018**  
**NOTICE OF AWARD**

200 Orange Street Rm 301  
New Haven, Connecticut 06510

Tel. (203)946-8201 - Fax. (203)946-8206

|                        |                  |                  |                             |
|------------------------|------------------|------------------|-----------------------------|
| East Shore Glass, Inc. |                  | Contract Name:   | On Call Glass Repairs       |
| 132 Main Street        |                  | Contract #       | 21588-1-2                   |
| New Haven, CT 06512    |                  | Date Advertised: | May 20, 2018                |
| Contractor Contact     | Mary Ann Massaro | Date Opened:     | June 6, 2018                |
| Telephone #:           | 203-468-0964     |                  |                             |
| Project Number:        |                  | Contract Value:  | \$95,000.00                 |
| Vendor Number:         | 27910            | Contract Term:   | July 1, 2018--June 30, 2019 |

**X Contract AGREEMENT forms - 2 signed originals are required. Complete as follows:**

|    |                                       |    |   |
|----|---------------------------------------|----|---|
| 1. | Full business name of bidder          | 4. | Certificate of Corporate Principal, if applicable |
| 2. | Written signature of authorized agent | 5. | Written signature of the witnesses                |
| 3. | Title of authorized agent             | 6. | DO NOT fill in date on first page of agreement    |

**Contractor must comply with Commission on Equal Opportunities requirements. Contact their office at (203) 946-8160 for additional paperwork.**

**Contractor must comply with the Small Contractor Development Program requirements. Contact their office at (203) 946-6550 for additional paperwork.**

**X Insurance certificates - required in duplicate, see attached Rider for endorsements and policy limits.**

**Labor & Material & Performance Bond(s) - 2 signed originals are required, Complete as follows:**

|    |  |     |   |
|----|--|-----|---|
| 1. | Full business name of bidder.                    | 6.  | Seal of Surety Company.                       |
| 2. | Name of Surety Company.                          | 7.  | Written signature of witnesses.               |
| 3. | Written signature of authorized agent or bidder. | 8.  | Acknowledgment of Surety Company page.        |
| 4. | Seal of bidder, if applicable.                   | 9.  | Financial Statement of Surety Company.        |
| 5. | Surety Company's authorized signature.           | 10. | Updated power of attorney for Surety Company. |

**Contract Renewal – All terms and conditions of original contract apply**

|                   |                     |                     |                |
|-------------------|---------------------|---------------------|----------------|
| <b>State Wage</b> | <b>Livable Wage</b> | <b>Federal Wage</b> | <b>No Wage</b> |
|-------------------|---------------------|---------------------|----------------|



NEW HAVEN PUBLIC SCHOOLS

**MEMORANDUM**

Joseph Barbarotta  
Executive Director  
Facilities Services



**To:** Finance and Operations Committee

**From:** Joseph Barbarotta

**Re:** F&O Agenda Item/For Approval  
Renewal of Contract for Audio Visual Service Contractor

**Meeting Date:** April 1, 2019

**cc:** John Barbarotta, Luz Perez

---

654 Ferry Street  
New Haven, CT 06513  
Tel. (475) 220-1631  
Fax (203) 936-5229

For consideration and approval of the Renewal of Contract #21611-2-2 to New Haven Pictograph, 1815 Ella Grasso Blvd., New Haven, CT for On Call Audio Visual Services for the NHPS for Fiscal Year 2019-20.

**Amount of Contract: Not to exceed \$50,000.**

**Funding Source: 2019-2020 Capital Projects**

**Key Questions:**

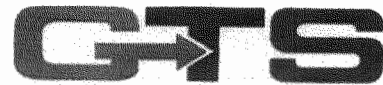
1. **Please describe how this service is strategically aligned with school or District goals.**  
The service is to perform Audio Visual repairs and upgrades to all our school auditoriums..
2. **Please describe the evidence of effectiveness for this contractor. In addition, how is or will the contractor be evaluated? If a continuation service, what are the results of last year's evaluation? Inspections and maintenance reports are provided.**  
The contractor's performance is inspected by the board of education facilities staff and the work is tracked through the work order system.
3. **Why do you believe this agreement is fiscally sound? Include how the contractor was selected (various quotes vs. RFP vs. Sole Source), whether and why the cost has increased over last year (if continuation), and what an alternative might cost.**  
This contract is a renewal and the pricing remains the same as last fiscal year. The contract was awarded to the sole bidder. We have had good past experiences with this contractor and confident he can perform the work needed. This was a new contract for FY 18-19 for services we have been in need of in the recent past to repair and upgrade issues with Audio Visual and lighting issues in our auditoriums.

See option to renew letter attached..



**NEW HAVEN PUBLIC SCHOOLS**

654 Ferry St. New Haven Ct. 06513



**GOTO | SERVICES**

117 Kendall St. New Haven, CT 06513

New Haven Public Schools Facilities Department

Date: 2/27/19

Mr. Jamie Holowaty  
New Haven Pictograph, LLC.  
1815 Ella Grasso Blvd.  
New Haven, CT 06511

RE: Contract Renewal for: New Haven Pictograph, LLC.  
Contract Name: On Call Audio Visual Services Contractor  
Contract # 21611-2-2  
In the amount of: \$50,000

According to your agreement with the City of New Haven and Board of Education, you have a renewal option for the fiscal year 2019-2020. If you are interested in renewing the above referenced agreement for the same amount, under the same terms and conditions (including any increases to Livable wage), please sign this letter of acceptance. If you choose not to renew this contract please send me a letter stating such so we can terminate the contract and re-bid the work for the upcoming year.

Please sign below and return to John Barbarotta at 654 Ferry Street, New Haven, CT 06513 no later than 3/11/19. You may fax a copy to 203-936-5229 or scan and email to [john.barbarotta@nhboe.net](mailto:john.barbarotta@nhboe.net) to expedite renewal but, please follow up and send hard copy in mail.

Should you have any questions, please feel free to contact me. Thank you for your attention to this matter.

John Barbarotta  
Director of Facilities NHBOE  
654 Ferry Street  
New Haven Ct. 06513  
P#475-220-1644

Company Name: NEW HAVEN PICTOGRAPH

Contact Name: JAMES HOLOWATY *Jam Holowaty*  
Print Signature

Title: OWNER Date: MARCH 1, 2019



**CITY OF NEW HAVEN**  
BUREAU OF PURCHASES

Toni N. Harp

Mayor

Michael V. Fumiatti, Sr  
Purchasing Agent

**Fiscal Year 2018/2019**

**November 7, 2018**

**NOTICE OF AWARD**

200 Orange Street Rm 301  
New Haven, Connecticut 06510  
Tel. (203)946-8201- Fax. (203)946-8206

|                            |                |                  |                                 |
|----------------------------|----------------|------------------|---------------------------------|
| New Haven Pictograph, LLC  |                | Contract Name:   | Audio Visual Service Contractor |
| 1815 Ella Grasso Boulevard |                | Contract #       | 21611-1-2                       |
| New Haven, CT 06511        |                | Date Advertised: | October 7, 2018                 |
| Contractor Contact         | Jamie Holowaty | Date Opened:     | October 25, 2018                |
| Telephone #:               | 203-963-0816   |                  |                                 |
| Project Number:            |                | Contract Value:  | \$50,000.00                     |
| Vendor Number:             | 9677           | Contract Term:   | November 1, 2018--June 30, 2019 |

**X Contract AGREEMENT forms - 2 signed originals are required. Complete as follows:**

|    |                                       |    |   |
|----|---------------------------------------|----|---|
| 1. | Full business name of bidder          | 4. | Certificate of Corporate Principal, if applicable |
| 2. | Written signature of authorized agent | 5. | Written signature of the witnesses                |
| 3. | Title of authorized agent             | 6. | DO NOT fill in date on first page of agreement    |

**Contractor must comply with Commission on Equal Opportunities requirements. Contact their office at (203) 946-8160 for additional paperwork.**

**Contractor must comply with the Small Contractor Development Program requirements. Contact their office at (203) 946-6550 for additional paperwork.**

**X Insurance certificates - required in duplicate, see attached Rider for endorsements and policy limits.**

**Labor & Material & Performance Bond(s) - 2 signed originals are required, Complete as follows:**

|    |  |     |   |
|----|--|-----|---|
| 1. | Full business name of bidder.                    | 6.  | Seal of Surety Company.                       |
| 2. | Name of Surety Company.                          | 7.  | Written signature of witnesses.               |
| 3. | Written signature of authorized agent or bidder. | 8.  | Acknowledgment of Surety Company page.        |
| 4. | Seal of bidder, if applicable.                   | 9.  | Financial Statement of Surety Company.        |
| 5. | Surety Company's authorized signature.           | 10. | Updated power of attorney for Surety Company. |

**Contract Renewal – All terms and conditions of original contract apply**

|  |                   |                     |                     |                |
|--|-------------------|---------------------|---------------------|----------------|
|  | <b>State Wage</b> | <b>Livable Wage</b> | <b>Federal Wage</b> | <b>No Wage</b> |
|--|-------------------|---------------------|---------------------|----------------|





NEW HAVEN PUBLIC SCHOOLS

Joseph Barbarotta  
Executive Director  
Facilities Services

**MEMORANDUM**

**To:** Finance and Operations Committee

**From:** Joseph Barbarotta

**Re:** F&O Agenda Item/For Approval  
Renewal of Contract for On Call Public Address Systems Repairs

**Meeting Date:** April 1, 2019

**cc:** John Barbarotta, Luz Perez

---



654 Ferry Street  
New Haven, CT 06513  
Tel. (475) 220-1631  
Fax. (203) 936-5229

For consideration and approval of the Renewal of Contract #50483-2-2 to Consolidated Electric, 100 Wheeler St., Unit F, New Haven, CT for On Call P.A. Systems Repair Service for the NHPS for Fiscal Year 2019-20.

**Amount of Contract:** Not to exceed \$60,000.

**Funding Source:** 2019-20 Operating Budget  
Acct. #190-47400-56624

**Key Questions:**

1. **Please describe how this service is strategically aligned with school or District goals.**  
The service is to perform public address systems services that are beyond the scope of our in house electricians.
2. **Please describe the evidence of effectiveness for this contractor. In addition, how is or will the contractor be evaluated? If a continuation service, what are the results of last year's evaluation? Inspections and maintenance reports are provided.**  
The contractor's performance is measured by response time as well as keeping the PA systems up and working.
3. **Why do you believe this agreement is fiscally sound? Include how the contractor was selected (various quotes vs. RFP vs. Sole Source), whether and why the cost has increased over last year (if continuation), and what an alternative might cost.**  
This contract is a renewal and the pricing remains the same as last fiscal year. The contract was awarded to the sole bidder. The contractor has a proven record of performance throughout the district. The PA systems are integral to the safety and performance of communications for the schools.

See option to renew letter attached.

New Haven Public Schools Facilities Department

Date: 2/25/19

Mr. Tom Grennan  
Consolidated Electric Inc.  
100 Wheeler Street Unit F  
New Haven, CT 06515

RE: Contract Renewal for: Consolidated Electric Inc.  
Contract Name: On Call P.A. Systems  
Contract # 50483-2-2

In the amount of: \$60,000

According to your agreement with the City of New Haven and Board of Education, you have a renewal option for the fiscal year 2019-2020. If you are interested in renewing the above referenced agreement for the same amount, under the same terms and conditions (including any increases to Livable wage), please sign this letter of acceptance. If you choose not to renew this contract please send me a letter stating such so we can terminate the contract and re-bid the work for the upcoming year.

Please sign below and return to John Barbarotta at 654 Ferry Street, New Haven, CT 06513 no later than 3/11/19. You may fax a copy to 203-936-5229 or scan and email to [john.barbarotta@nhboe.net](mailto:john.barbarotta@nhboe.net) to expedite renewal but, please follow up and send hard copy in mail.

Should you have any questions, please feel free to contact me. Thank you for your attention to this matter.

John Barbarotta  
Director of Facilities NHBOE  
654 Ferry Street  
New Haven Ct. 06513  
P#475-220-1644

Company Name: CONSOLIDATED ELECTRIC, INC

Contact Name: Thomas Grennan | [Signature]  
Print Signature

Title: PRESIDENT Date: 3/4/19



**CITY OF NEW HAVEN**  
**BUREAU OF PURCHASES**

Toni N. Harp

Mayor

Michael V. Fumiatti, Sr  
Purchasing Agent

**Fiscal Year 2018/2019**

**June 12, 2018**

**NOTICE OF AWARD**

200 Orange Street Rm 301  
New Haven, Connecticut 06510

Tel. (203)946-8201- Fax. (203)946-8206

|                             |              |                  |                             |
|-----------------------------|--------------|------------------|-----------------------------|
| Consolidated Electric, Inc. |              | Contract Name:   | On Call P.A. System Repairs |
| 100 Wheeler Street, Unit F  |              | Contract #       | 50483-1-2                   |
| New Haven, CT 06512         |              | Date Advertised: | April 8, 2018               |
| Contractor Contact          | Tom Grennan  | Date Opened:     | April 24, 2018              |
| Telephone #:                | 203-468-2111 |                  |                             |
| Project Number:             |              | Contract Value:  | \$60,000.00                 |
| Vendor Number:              | 22260        | Contract Term:   | July 1, 2018--June 30, 2019 |

**X Contract AGREEMENT forms - 2 signed originals are required. Complete as follows:**

|    |                                       |    |   |
|----|---------------------------------------|----|---|
| 1. | Full business name of bidder          | 4. | Certificate of Corporate Principal, if applicable |
| 2. | Written signature of authorized agent | 5. | Written signature of the witnesses                |
| 3. | Title of authorized agent             | 6. | DO NOT fill in date on first page of agreement    |

**Contractor must comply with Commission on Equal Opportunities requirements. Contact their office at (203) 946-8160 for additional paperwork.**

**Contractor must comply with the Small Contractor Development Program requirements. Contact their office at (203) 946-6550 for additional paperwork.**

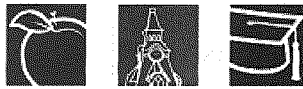
**X Insurance certificates - required in duplicate, see attached Rider for endorsements and policy limits.**

**Labor & Material & Performance Bond(s) - 2 signed originals are required, Complete as follows:**

|    |  |     |   |
|----|--|-----|---|
| 1. | Full business name of bidder.                    | 6.  | Seal of Surety Company.                       |
| 2. | Name of Surety Company.                          | 7.  | Written signature of witnesses.               |
| 3. | Written signature of authorized agent or bidder. | 8.  | Acknowledgment of Surety Company page.        |
| 4. | Seal of bidder, if applicable.                   | 9.  | Financial Statement of Surety Company.        |
| 5. | Surety Company's authorized signature.           | 10. | Updated power of attorney for Surety Company. |

**Contract Renewal – All terms and conditions of original contract apply**

|                   |                     |                     |                |
|-------------------|---------------------|---------------------|----------------|
| <b>State Wage</b> | <b>Livable Wage</b> | <b>Federal Wage</b> | <b>No Wage</b> |
|-------------------|---------------------|---------------------|----------------|



NEW HAVEN PUBLIC SCHOOLS

**MEMORANDUM**

Joseph Barbarotta  
Executive Director  
Facilities Services



To: Finance and Operations Committee  
From: Joseph Barbarotta  
Re: F&O Agenda Item/For Approval  
Renewal of Contract for Snow Plowing for NHPS  
Meeting Date: April 1, 2019  
cc: John Barbarotta, Luz Perez

---

654 Ferry Street  
New Haven, CT 06513  
Tel. (475) 220-1631  
Fax. (203) 936-5229

For consideration and approval of the Renewal of Contract #50488ABC-2-2 for Snow Plowing for the NHPS for Fiscal Year 2018-19 to the following bidders:

| <u>VENDOR</u>  | <u>An amount not to exceed</u> |
|--|--------------------------------|
| (A) Concrete Creations, LLC<br>281 Chapel Street<br>New Haven, CT                  | \$141,980.00                   |
| (B) Tim's Enterprises LLC<br>39 Myrtle Ave.<br>Ansonia, CT                         | \$180,599.00                   |
| (C) Lior Excavating, LLC<br>129 Church St., Mezzane Floor, Unit 1<br>New Haven, CT | \$38,619.00                    |

Funding Source: 2019-20 Operating Budget  
Acct. #190-47400-56662

**Key Questions:**

- Please describe how this service is strategically aligned with school or District goals.**  
The service is to perform snow removal services district wide.
- Please describe the evidence of effectiveness for this contractor. In addition, how is or will the contractor be evaluated? If a continuation service, what are the results of last year's evaluation? Inspections and maintenance reports are provided.**  
The contractor's performance is inspected by the Board of Education staff and it is tracked through the work order system.
- Why do you believe this agreement is fiscally sound? Include how the contractor was selected (various quotes vs. RFP vs. Sole Source), whether and why the cost has increased over last year (if continuation), and what an alternative might cost.**  
This contract is a renewal and the price remains the same as last fiscal year. The contract was awarded to the lowest bidder in each zone (school). The major portion (16 schools) of the bid was awarded to a SCDP participant and he is an MBE, but not a WBE or a New Haven Based Enterprise. The second lowest bidder (11 schools) is an SCDP participant, MBE, and New Haven Based. The third lowest bidder (4 schools) is a SCDP participant, MBE and New Haven Based.



**NEW HAVEN PUBLIC SCHOOLS**  
654 Ferry St. New Haven Ct. 06513



**GOTO SERVICES**  
117 Kendall St. New Haven, CT 06513

New Haven Public Schools Facilities Department

Date: 2/12/19

Mr. Ralph Mauro  
Concrete Creations Inc..  
281 Chapel St.  
New Haven, CT 06513


RE: Contract Renewal for:  
Contract Name: On Call Snow Plowing Zones-20,21,25,26,28,32,33,36,39,40 &43  
Contract # 50488A-2-2  
In the amount of: \$141,980

According to your agreement with the City of New Haven and Board of Education, you have a renewal option for the fiscal year 2019-2020. If you are interested in renewing the above referenced agreement for the same amount, under the same terms and conditions (including any increases to Livable wage), please sign this letter of acceptance. If you choose not to renew this contract please send me a letter stating such so we can terminate the contract and re-bid the work for the upcoming year.

Please sign below and return to John Barbarotta at 654 Ferry Street, New Haven, CT 06513 no later than 2/26/19. You may fax a copy to 203-936-5229 or scan and email to [john.barbarotta@nhboe.net](mailto:john.barbarotta@nhboe.net) to expedite renewal but, please follow up and send hard copy in mail.

Should you have any questions, please feel free to contact me. Thank you for your attention to this matter.

John Barbarotta  
Director of Facilities NHBOE  
654 Ferry Street  
New Haven Ct. 06513  
P#475-220-1644

Company Name: Concrete Creations Inc  
Contact Name: On call snow plowing   
Print Signature  
Title: owner office Date: 2-15-19



**CITY OF NEW HAVEN**  
**BUREAU OF PURCHASES**

Toni N. Harp

Mayor

Michael V. Fumiatti, Sr  
 Purchasing Agent

**Fiscal Year 2018/2019**

**October 15, 2018**

**NOTICE OF AWARD**

200 Orange Street Rm 301  
 New Haven, Connecticut 06510

Tel. (203)946-8201- Fax. (203)946-8206

|                         |              |                  |  |
|-------------------------|--------------|------------------|--|
| Concrete Creations, LLC |              | Contract Name:   | Snow Plowing - Zones 20, 21, 25, 26, 28, 32, 33, 36, 39, 40 and 43 |
| 281 Chapel Street       |              | Contract #       | 50488A-1-2   |
| New Haven, CT 06513     |              | Date Advertised: | September 10, 2018   |
| Contractor Contact      | Ralph Mauro  | Date Opened:     | September 27, 2018   |
| Telephone #:            | 203-996-1544 |                  |  |
| Project Number:         |              | Contract Value:  | \$141,980.00   |
| Vendor Number:          | 30752        | Contract Term:   | November 1, 2018--June 30, 2019                                    |

**X Contract AGREEMENT forms - 2 signed originals are required. Complete as follows:**

|    |                                       |    |   |
|----|---------------------------------------|----|---|
| 1. | Full business name of bidder          | 4. | Certificate of Corporate Principal, if applicable |
| 2. | Written signature of authorized agent | 5. | Written signature of the witnesses                |
| 3. | Title of authorized agent             | 6. | DO NOT fill in date on first page of agreement    |

**Contractor must comply with Commission on Equal Opportunities requirements. Contact their office at (203) 946-8160 for additional paperwork.**

**Contractor must comply with the Small Contractor Development Program requirements. Contact their office at (203) 946-6550 for additional paperwork.**

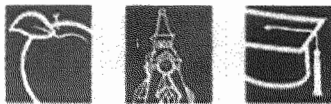
**X Insurance certificates - required in duplicate, see attached Rider for endorsements and policy limits.**

**Labor & Material & Performance Bond(s) - 2 signed originals are required, Complete as follows:**

|    |  |     |   |
|----|--|-----|---|
| 1. | Full business name of bidder.                    | 6.  | Seal of Surety Company.                       |
| 2. | Name of Surety Company.                          | 7.  | Written signature of witnesses.               |
| 3. | Written signature of authorized agent or bidder. | 8.  | Acknowledgment of Surety Company page.        |
| 4. | Seal of bidder, if applicable.                   | 9.  | Financial Statement of Surety Company.        |
| 5. | Surety Company's authorized signature.           | 10. | Updated power of attorney for Surety Company. |

**Contract Renewal – All terms and conditions of original contract apply**

|                   |                     |                     |                |
|-------------------|---------------------|---------------------|----------------|
| <b>State Wage</b> | <b>Livable Wage</b> | <b>Federal Wage</b> | <b>No Wage</b> |
|-------------------|---------------------|---------------------|----------------|



**NEW HAVEN PUBLIC SCHOOLS**

654 Ferry St. New Haven Ct. 06513



**GOTO SERVICES**

117 Kendall St. New Haven, CT 06513

New Haven Public Schools Facilities Department

Date: 2/8/19

Mr. Tim Washington  
Tim's Enterprise's LLC.  
39 Myrtle Ave.  
Ansonia, CT 06401

RE: Contract Renewal for:  
Contract Name: On Call Snow Plowing Zones-1,14,15,18,22,23,24,30,31,35,37,38,41 & 42  
Contract # 50488B-2-2  
In the amount of: \$180,599

According to your agreement with the City of New Haven and Board of Education, you have a renewal option for the fiscal year 2019-2020. If you are interested in renewing the above referenced agreement for the same amount, under the same terms and conditions (including any increases to Livable wage), please sign this letter of acceptance. If you choose not to renew this contract please send me a letter stating such so we can terminate the contract and re-bid the work for the upcoming year.

Please sign below and return to John Barbarotta at 654 Ferry Street, New Haven, CT 06513 no later than 2/18/19. You may fax a copy to 203-936-5229 or scan and email to [john.barbarotta@nhboe.net](mailto:john.barbarotta@nhboe.net) to expedite renewal but, please follow up and send hard copy in mail.

Should you have any questions, please feel free to contact me. Thank you for your attention to this matter.

John Barbarotta  
Director of Facilities NHBOE  
654 Ferry Street  
New Haven Ct. 06513  
P#475-220-1644

Company Name: Tim's Enterprises LLC

Contact Name: Timothy Washington  
Print Signature

Title: member/manager Date: 2-15-19



**CITY OF NEW HAVEN**  
BUREAU OF PURCHASES

Toni N. Harp

Mayor

Michael V. Fumiatti, Sr  
Purchasing Agent

**Fiscal Year 2018/2019**

**October 17, 2018**

**NOTICE OF AWARD**

200 Orange Street Rm 301  
New Haven, Connecticut 06510

Tel. (203)946-8201- Fax. (203)946-8206

|                        |                    |                  |  |
|------------------------|--------------------|------------------|--|
| Tim's Enterprises, LLC |                    | Contract Name:   | Snow Plowing - Zones 1, 14, 15, 18, 22, 23, 24, 30, 31, 35, 37, 38, 41, and 42 |
| 39 Myrtle Avenue       |                    | Contract #       | 50488B-1-2   |
| Ansonia, CT 06511      |                    | Date Advertised: | September 10, 2018   |
| Contractor Contact     | Timothy Washington | Date Opened:     | September 27, 2018   |
| Telephone #:           | 201-410-5189       |                  |  |
| Project Number:        |                    | Contract Value:  | \$180,599.00   |
| Vendor Number:         | 46417              | Contract Term:   | November 1, 2018---June 30, 2019   |

|          |  |  |  |
|----------|--|--|--|
| <b>X</b> | <b>Contract AGREEMENT forms - 2 signed originals are required. Complete as follows:</b>  |  |  |
|          | 1. Full business name of bidder  | 4. Certificate of Corporate Principal, if applicable |  |
|          | 2. Written signature of authorized agent   | 5. Written signature of the witnesses                |  |
|          | 3. Title of authorized agent   | 6. DO NOT fill in date on first page of agreement    |  |
|          | <b>Contractor must comply with Commission on Equal Opportunities requirements. Contact their office at (203) 946-8160 for additional paperwork.</b>        |  |  |
|          | <b>Contractor must comply with the Small Contractor Development Program requirements. Contact their office at (203) 946-6550 for additional paperwork.</b> |  |  |
| <b>X</b> | <b>Insurance certificates - required in duplicate, see attached Rider for endorsements and policy limits.</b>  |  |  |
|          | <b>Labor &amp; Material &amp; Performance Bond(s) - 2 signed originals are required, Complete as follows:</b>  |  |  |
|          | 1. Full business name of bidder.   | 6. Seal of Surety Company.                           |  |
|          | 2. Name of Surety Company.   | 7. Written signature of witnesses.                   |  |
|          | 3. Written signature of authorized agent or bidder.  | 8. Acknowledgment of Surety Company page.            |  |
|          | 4. Seal of bidder, if applicable.  | 9. Financial Statement of Surety Company.            |  |
|          | 5. Surety Company's authorized signature.  | 10. Updated power of attorney for Surety Company.    |  |

|   |                   |                     |                     |
|---|-------------------|---------------------|---------------------|
| <b>Contract Renewal – All terms and conditions of original contract apply</b> |                   |                     |                     |
|   | <b>State Wage</b> | <b>Livable Wage</b> | <b>Federal Wage</b> |
|   |                   |                     | <b>No Wage</b>      |



New Haven Public Schools Facilities Department

Date: 2/12/19

Mr. Lior Israel  
Lior Excavating LLC.  
129 Church St.  
New Haven, CT 06510


RE: Contract Renewal for:  
Contract Name: On Call Snow Plowing Zones- 16,27,29,& 44  
Contract # 50488C-2-2  
In the amount of: \$38,619

According to your agreement with the City of New Haven and Board of Education, you have a renewal option for the fiscal year 2019-2020. If you are interested in renewing the above referenced agreement for the same amount, under the same terms and conditions (including any increases to Livable wage), please sign this letter of acceptance. If you choose not to renew this contract please send me a letter stating such so we can terminate the contract and re-bid the work for the upcoming year.

Please sign below and return to John Barbarotta at 654 Ferry Street, New Haven, CT 06513 no later than 2/26/19. You may fax a copy to 203-936-5229 or scan and email to [john.barbarotta@nhboe.net](mailto:john.barbarotta@nhboe.net) to expedite renewal but, please follow up and send hard copy in mail.

Should you have any questions, please feel free to contact me. Thank you for your attention to this matter.

John Barbarotta  
Director of Facilities NHBOE  
654 Ferry Street  
New Haven Ct. 06513  
P#475-220-1644

Company Name: Lior Excavating LLC  
Contact Name: Lior Israel   
Title: CEO Date: 2/13/19



# CITY OF NEW HAVEN

## BUREAU OF PURCHASES

Toni N. Harp

Mayor

Michael V. Fumiatti, Sr  
Purchasing Agent

**Fiscal Year 2018/2019**

**October 18, 2019**

**NOTICE OF AWARD**

200 Orange Street Rm 301  
New Haven, Connecticut 06510

Tel. (203)946-8201- Fax. (203)946-8206

|  |               |                  |  |
|--|---------------|------------------|--|
| Lior Excavating, LLC                     |               | Contract Name:   | Snow Plowing - Zone 16--<br>East Rock, Zone 27-Dr.<br>Mayo & Zone 29--King<br>Robinson |
| 129 Church Street, Mezzane Floor, Unit 1 |               | Contract #       | 50488C-1-2   |
| New Haven, CT 06510                      |               | Date Advertised: | September 10, 2018   |
| Contractor Contact                       | Lior Israel   | Date Opened:     | September 27, 2018   |
| Telephone #:                             | 2033-691-1993 |                  |  |
| Project Number:                          |               | Contract Value:  | \$38,619.00  |
| Vendor Number:                           | 55872         | Contract Term:   | November 1, 2018--June 30, 2019  |

|  |  |     |   |
|--|--|-----|---|
| <b>X Contract AGREEMENT forms - 2 signed originals are required. Complete as follows:</b>  |  |     |   |
| 1.   | Full business name of bidder                     | 4.  | Certificate of Corporate Principal, if applicable |
| 2.   | Written signature of authorized agent            | 5.  | Written signature of the witnesses                |
| 3.   | Title of authorized agent                        | 6.  | DO NOT fill in date on first page of agreement    |
| <p><b>Contractor must comply with Commission on Equal Opportunities requirements.<br/>Contact their office at (203) 946-8160 for additional paperwork.</b></p> <p><b>Contractor must comply with the Small Contractor Development Program requirements.<br/>Contact their office at (203) 946-6550 for additional paperwork.</b></p> |  |     |   |
| <b>X Insurance certificates - required in duplicate, see attached Rider for endorsements and policy limits.</b>  |  |     |   |
| <b>Labor &amp; Material &amp; Performance Bond(s) - 2 signed originals are required, Complete as follows:</b>  |  |     |   |
| 1.   | Full business name of bidder.                    | 6.  | Seal of Surety Company.                           |
| 2.   | Name of Surety Company.                          | 7.  | Written signature of witnesses.                   |
| 3.   | Written signature of authorized agent or bidder. | 8.  | Acknowledgment of Surety Company page.            |
| 4.   | Seal of bidder, if applicable.                   | 9.  | Financial Statement of Surety Company.            |
| 5.   | Surety Company's authorized signature.           | 10. | Updated power of attorney for Surety Company.     |

|   |                   |                     |                     |
|---|-------------------|---------------------|---------------------|
| <b>Contract Renewal – All terms and conditions of original contract apply</b> |                   |                     |                     |
|   | <b>State Wage</b> | <b>Livable Wage</b> | <b>Federal Wage</b> |
|   |                   |                     | <b>No Wage</b>      |



NEW HAVEN PUBLIC SCHOOLS

# Memorandum

**To:** Finance and Operations Committee  
**From:** Kevin Moriarty, IT Manager  
**Re:** F&O Agenda Item Request/Approval -Purchase Order for Wireless Access points fo  
(7) Schools RFP#2019-02-1261  
**Meeting Date:** April 1, 2019

---

## **Executive Summary:**

Purchase Order is requested for an agreement between the New Haven Board of Education and Total Communications, Inc., 333 Burnham Street, East Hartford, CT 06108 to provide (310) Wireless Access Points for (7) Schools to New Haven Public Schools. Dr. Mayo (50), Edgewood School (30), ESUMS (60), New Haven Academy (50), Strong School (50), Wilbur Cross (55) and Worthington Hooker (15).

**Effective Dates:** July 1, 2019 to June 30, 2020

## **Amount of Agreement and Daily, Hourly, or Per Session Cost:**

Total Cost of Project is **\$156,767**. If E-Rate funding is awarded, the NHPS may receive an 85% discount for up to \$133,251.95 and the 15% share NHPS would have to pay would be \$23,515.05.

**Funding Source:** 2019-2020 IT Capital Budget

## **Key Questions:**

### **1. Please describe how this service is strategically aligned with school or District goals:**

Total Communications was awarded this RFP based on lowest bidder. As schools are adding more and more wireless devices, more wireless access points are needed to provide better coverage within the (7) schools listed above.

### **2. Please describe the evidence of effectiveness for this contractor. In addition, how is or will the contractor be evaluated? If a continuation service, what are the results of last year's evaluation?**

Total Communications has completed a number of projects with New Haven Public Schools in the past. They have consistently and effectively managed each project to a high level of satisfaction. Each project completed has been In-Scope, On-Time and (in some cases) Under-Budget.

### **3. Why do you believe this agreement is fiscally sound? Include how the contractor was selected (various quotes vs. RFP vs. Sole Source), whether and why the cost has increased over last year (if continuation), and what an alternative might cost.**

Total Communications was awarded this contract based on results of RFP#2019-02-1261. The equipment requested qualify for ERATE discounts which allows the district to receive an 85% discount on equipment. Total Communications is included on our ERATE application for 19-20 School Year.

Description of materials and pricing is attached.



New Haven Public Schools - New Haven CT  
Wireless Upgrade (SRQ-115415)  
3/11/2019

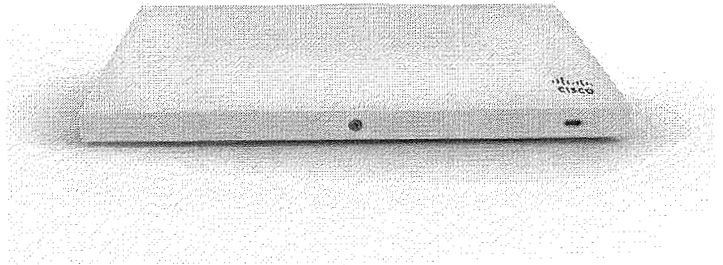
QuoteID: 011619-B2398-H

**ALL SITES - Detailed Bill of Materials - Schedule I**

| Description   | QNTY | Unit Price    | Total             |
|---|------|---------------|-------------------|
| Meraki MR33 Cloud Managed AP                                  | 310  | 262.85        | 81,483.50         |
| Meraki MR Enterprise License, 5YR                             | 310  | 182.25        | 56,497.50         |
| Cisco Meraki Systems Manager Enterprise Device License, 5YR   | 310  | 60.60         | 18,786.00         |
| Currently 2,951 devices are managed with Apple Cisco Security |      |               |                   |
| <b>Total Equipment and Software</b>                           |      | <b>505.70</b> | <b>156,767.00</b> |

# MR33

Dual-band, 802.11ac Wave 2 2x2:2 MU-MIMO Access Point with dedicated security and RF management radio as well as integrated Bluetooth Low Energy beacon and scanning radio



## Entry-level cloud-managed 802.11ac wireless

The Cisco Meraki MR33 is a quad-radio, cloud-managed 2x2:2 802.11ac Wave 2 access point with MU-MIMO support. Designed for next-generation deployments in offices, schools, hospitals, shops, and hotels, the MR33 provides performance, enterprise-grade security, and simple management.

The MR33 provides a maximum 1.3 Gbps\* aggregate frame rate with concurrent 2.4 GHz and 5 GHz radios. A dedicated third radio provides real-time WIDS/WIPS with automated RF optimization. An integrated Bluetooth Low Energy (BLE) radio delivers beacon and scanning capabilities.

The combination of cloud management, 802.11ac Wave 2, full-time RF environment scanning, and integrated Bluetooth technology delivers the throughput, reliability, and flexibility required by demanding business applications like voice and high-definition streaming video, today and tomorrow.

## MR33 and Meraki Cloud Management: A Powerful Combination

The MR33 is managed through the Meraki cloud, with an intuitive browser-based interface that enables rapid deployment without training or certifications. Since the MR33 is self-configuring and managed over the web, it can even be deployed at a remote location without on-site IT staff.

The MR33 is monitored 24x7 via the Meraki cloud, which delivers real-time alerts if the network encounters problems. Remote diagnostics tools enable real-time troubleshooting over the web, meaning multi-site, distributed networks can be managed remotely.

The MR33's firmware is always kept up to date from the cloud. New features, bug fixes, and enhancements are delivered seamlessly over the web, meaning no manual software updates to download or missing security patches to worry about.

### Product Highlights

- 2x2 MU-MIMO 802.11ac Wave 2
- 1.3 Gbps\* aggregate dual-band frame rate
- 24x7 real-time WIDS/WIPS, spectrum analytics, and WiFi location tracking via dedicated 3rd radio
- Integrated Bluetooth Low Energy Beacon and scanning radio
- Integrated enterprise security and guest access
- Application-aware traffic shaping
- Optimized for voice and video
- Self-configuring, plug-and-play deployment
- Sleek, low-profile design blends into any environment

# Features

## Aggregate data rate of up to 1.3 Gbps\*

A 5 GHz 2x2:2 radio supporting 80 MHz channel widths and a 2.4 GHz 2x2:2 radio supporting 40 MHz channel widths offer a combined dual-radio aggregate frame rate of 1.3 Gbps\*, with up to 866 Mbps in the 5 GHz band thanks to 802.11ac Wave 2 and 400 Mbps in the 2.4 GHz band.

## Multi User Multiple Input Multiple Output (MU-MIMO)

With support for the 802.11ac Wave 2 standard, the MR33 offers MU-MIMO for more efficient transmission to multiple clients. Especially suited for environments with numerous mobile devices, MU-MIMO enables multiple clients to receive data simultaneously. This increases the total network performance and improves the end user experience.

## Dedicated third radio delivers 24x7 wireless security and RF analytics

The MR33's sophisticated, dedicated dual-band third radio scans the environment continuously, characterizing RF interference and containing wireless threats like rogue access points. No more need to choose between wireless security, advanced RF analysis, and serving client data: a dedicated third radio means that all three occur in real-time, without any impact to client traffic or AP throughput.

## Bluetooth low energy Beacon and scanning

An integrated Bluetooth low energy radio provides seamless deployment of BLE Beacon functionality and effortless visibility of BLE devices within range of the AP. The MR33 enables the next generation of location-aware applications and engagement right out of the box.

## Automatic cloud-based RF optimization

The MR33's sophisticated, automated RF optimization means that there is no need for the dedicated hardware and RF expertise typically required to tune a wireless network. The real-time full-spectrum RF analysis data collected by the dedicated third radio is continuously fed back to the Meraki cloud. The Meraki cloud then automatically tunes the MR33's channel selection, transmit power, and client connection settings for optimal performance under the most challenging RF conditions.

## Secure wireless environments using 24x7 Air Marshal

No longer choose between a wireless intrusion prevention system (WIPS) and serving client data: thanks to the dedicated third radio, Air Marshal, a highly optimized built-in WIPS, scans continuously for threats and remediates them as commanded, all without disrupting client service. Alarms and optional auto-containment of rogue APs are configured via flexible remediation policies, ensuring optimal security and performance in even the most challenging wireless environments.

## Integrated enterprise security and guest access

The MR33 features integrated, easy-to-use security technologies to provide secure connectivity for employees and guests alike. Advanced security features such as AES hardware-based encryption and WPA2-Enterprise authentication with 802.1X provide wire-like security while still being easy to configure. One-click guest isolation provides secure, Internet-only access for visitors. Our policy firewall (Identity Policy Manager) enables group or device-based, granular access policy control. Meraki Teleworker VPN makes it easy to extend the corporate LAN to remote sites, without requiring all clients and devices to have client VPN software. PCI compliance reports check network settings against PCI requirements to simplify secure retail deployments.

## Application-aware traffic shaping

The MR33 includes an integrated layer 7 packet inspection, classification, and control engine, enabling you to set QoS policies based on traffic type. Prioritize your mission critical applications, while setting limits on recreational traffic, e.g., peer-to-peer and video streaming.

## Voice and Video optimizations

Industry standard QoS features are easy to configure like Wireless Multi Media (WMM) Access Categories, 802.1p, and DSCP.

## Low-profile, sleek, and compact design

Despite its robust feature set, the MR33 is packaged in a sleek, low-profile enclosure that blends seamlessly into any environment.

## Self-configuring, self-optimizing, self-healing

When plugged in, the MR33 automatically connects to the Meraki cloud, downloads its configuration, and joins the appropriate network. The MR33 then self-optimizes, determining the ideal channel, transmit power, and client connection parameters. As necessary, it will also self-heal, responding automatically to switch failures and other errors.

\*Refers to maximum over-the-air data frame rate capability of the radio chipset, and may exceed data rates allowed by IEEE Std 802.11ac-compliant operation.

# MR33 Tx / Rx Tables

## 2.4 GHz

| Operating Band | Operating Mode | Data Rate | TX Power  | RX Sensitivity |
|----------------|----------------|-----------|-----------|----------------|
| 2.4 GHz        | 802.11b        | 1 Mb/s    | 20dBm     | -96dBm         |
|                |                | 2 Mb/s    | 20dBm     | -93dBm         |
|                |                | 5.5 Mb/s  | 20dBm     | -91dBm         |
|                |                | 11 Mb/s   | 20dBm     | -89dBm         |
| 2.4 GHz        | 802.11g        | 6 Mb/s    | 20dBm     | -91dBm         |
|                |                | 9 Mb/s    | 20dBm     | -90dBm         |
|                |                | 12 Mb/s   | 20dBm     | -88dBm         |
|                |                | 18 Mb/s   | 19dBm     | -87dBm         |
|                |                | 24 Mb/s   | 19dBm     | -84dBm         |
|                |                | 36 Mb/s   | 18dBm     | -81dBm         |
|                |                | 48 Mb/s   | 18dBm     | -76dBm         |
|                |                | 54 Mb/s   | 18dBm     | -75dBm         |
| 2.4 GHz        | 802.11n(HT20)  | MCS0/8    | 20/20 dBm | -91/91 dBm     |
|                |                | MCS1/9    | 20/20 dBm | -88/-88 dBm    |
|                |                | MCS2/10   | 19/19 dBm | -85/-85 dBm    |
|                |                | MCS3/11   | 19/19 dBm | -82/-82 dBm    |
|                |                | MCS4/12   | 18/18 dBm | -79/-79 dBm    |
|                |                | MCS5/13   | 18/18 dBm | -75/-75 dBm    |
|                |                | MCS6/14   | 18/18 dBm | -73/-73 dBm    |
|                |                | MCS7/15   | 18/18 dBm | -70/-70 dBm    |
| 2.4 GHz        | 802.11n(HT40)  | MCS0/8    | 20/20 dBm | -89/-89 dBm    |
|                |                | MCS1/9    | 20/20 dBm | -86/-86 dBm    |
|                |                | MCS2/10   | 19/19 dBm | -84/-84 dBm    |
|                |                | MCS3/11   | 19/19 dBm | -82/-82 dBm    |
|                |                | MCS4/12   | 18/18 dBm | -77/-77 dBm    |
|                |                | MCS5/13   | 18/18 dBm | -73/-73 dBm    |
|                |                | MCS6/14   | 18/18 dBm | -71/-71 dBm    |
|                |                | MCS7/15   | 18/18 dBm | -70/-70 dBm    |

# MR33 Tx / Rx Tables

## 5 GHz

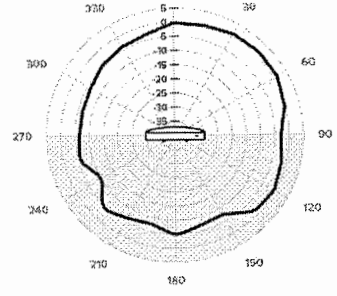
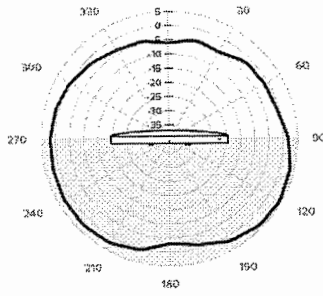
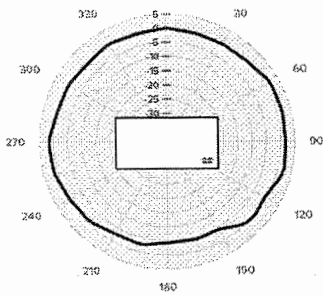
| Operating Band | Operating Mode | Data Rate | TX Power  | RX Sensitivity |
|----------------|----------------|-----------|-----------|----------------|
| 5 GHz          | 802.11a        | 6 Mb/s    | 21dBm     | -90dBm         |
|                |                | 9 Mb/s    | 21dBm     | -87dBm         |
|                |                | 12 Mb/s   | 20dBm     | -86dBm         |
|                |                | 18 Mb/s   | 20dBm     | -85dBm         |
|                |                | 24 Mb/s   | 20dBm     | -84dBm         |
|                |                | 36 Mb/s   | 20dBm     | -79dBm         |
|                |                | 48 Mb/s   | 20dBm     | -74dBm         |
|                |                | 54 Mb/s   | 20dBm     | -71dBm         |
| 5 GHz          | 802.11n(HT20)  | MCS0/8    | 21/21 dBm | -88/-88 dBm    |
|                |                | MCS1/9    | 21/21 dBm | -85/-85 dBm    |
|                |                | MCS2/10   | 20/20 dBm | -83/-83 dBm    |
|                |                | MCS3/11   | 20/20 dBm | -79/-79 dBm    |
|                |                | MCS4/12   | 20/20 dBm | -76/-76 dBm    |
|                |                | MCS5/13   | 20/20 dBm | -72/-72 dBm    |
|                |                | MCS6/14   | 20/20 dBm | -71/-71 dBm    |
|                |                | MCS7/15   | 19/19 dBm | -69/-69 dBm    |
| 5 GHz          | 802.11n(VHT20) | MCS0/0    | 21/21 dBm | -88/-88 dBm    |
|                |                | MCS1/1    | 21/21 dBm | -86/-86 dBm    |
|                |                | MCS2/2    | 20/20 dBm | -83/-83 dBm    |
|                |                | MCS3/3    | 20/20 dBm | -79/-79 dBm    |
|                |                | MCS4/4    | 20/20 dBm | -77/-77 dBm    |
|                |                | MCS5/5    | 20/20 dBm | -75/-75 dBm    |
|                |                | MCS6/6    | 20/20 dBm | -72/-72 dBm    |
|                |                | MCS7/7    | 19/19 dBm | -70/-70 dBm    |
|                |                | MCS8/8    | 18/18 dBm | -67/-67 dBm    |
| 5 GHz          | 802.11n(HT40)  | MCS0/8    | 21/21 dBm | -85/-85 dBm    |
|                |                | MCS1/9    | 21/21 dBm | -84/-87 dBm    |
|                |                | MCS2/10   | 20/20 dBm | -84/-84 dBm    |
|                |                | MCS3/11   | 20/20 dBm | -79/-79 dBm    |
|                |                | MCS4/12   | 19/19 dBm | -77/-77 dBm    |
|                |                | MCS5/13   | 19/19 dBm | -72/-72 dBm    |
|                |                | MCS6/14   | 19/19 dBm | -70/-70 dBm    |
|                |                | MCS7/15   | 19/19 dBm | -68/-68 dBm    |



|       |                 |        |           |             |
|-------|-----------------|--------|-----------|-------------|
| 5 GHz | 802.11n(VHT40)  | MCS0/0 | 21/21 dBm | -85/-85 dBm |
|       |                 | MCS1/1 | 21/21 dBm | -82/-82 dBm |
|       |                 | MCS2/2 | 20/20 dBm | -79/-79 dBm |
|       |                 | MCS3/3 | 20/20 dBm | -77/-77 dBm |
|       |                 | MCS4/4 | 19/19 dBm | -74/-74 dBm |
|       |                 | MCS5/5 | 19/19 dBm | -70/-70 dBm |
|       |                 | MCS6/6 | 19/19 dBm | -68/-68 dBm |
|       |                 | MCS7/7 | 19/19 dBm | -67/-67 dBm |
|       |                 | MCS8/8 | 18/18 dBm | -64/-64 dBm |
|       |                 | MCS9/9 | 17/17 dBm | -63/-63 dBm |
| 5 GHz | 802.11ac(VHT80) | MCS0/0 | 20/20 dBm | -83/-83 dBm |
|       |                 | MCS1/1 | 20/20 dBm | -81/-81 dBm |
|       |                 | MCS2/2 | 19/19 dBm | -79/-79 dBm |
|       |                 | MCS3/3 | 19/19 dBm | -76/-76 dBm |
|       |                 | MCS4/4 | 18/18 dBm | -73/-73 dBm |
|       |                 | MCS5/5 | 18/18 dBm | -70/-70 dBm |
|       |                 | MCS6/6 | 18/18 dBm | -67/-67 dBm |
|       |                 | MCS7/7 | 18/18 dBm | -66/-66 dBm |
|       |                 | MCS8/8 | 17/17 dBm | -62/-62 dBm |
|       |                 | MCS9/9 | 17/17 dBm | -60/-60 dBm |

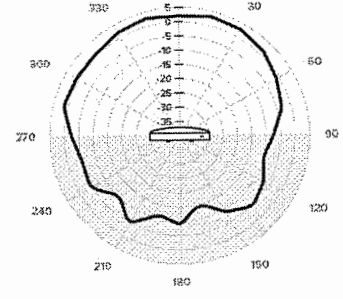
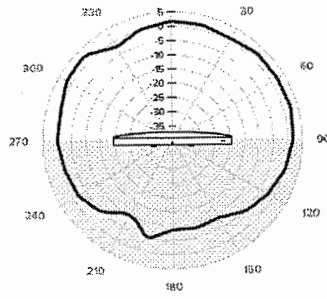
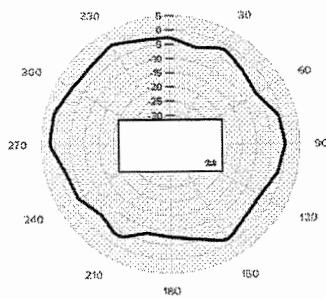
**MR33**

**Radiation Pattern for 2.4GHz Antennas**



**MR33**

**Radiation Pattern for 5GHz Antennas**



# Specifications

|  |  |
|--|--|
| <b>Radios</b>  | <b>Antenna</b>   |
| 2.4 GHz 802.11b/g/n client access radio  | Integrated omni-directional antennas (3.8 dBi gain at 2.4 GHz, 3.9 dBi gain at 5 GHz)  |
| 5 GHz 802.11a/n/ac client access radio   |  |
| 2.4 GHz & 5 GHz WIDS/WIPS, spectrum analysis, and location analytics radio   | <b>Interfaces</b>  |
| 2.4 GHz Bluetooth Low Energy (BLE) radio with beacon and BLE scanning support  | 1x 10/100/1000 BASE-T Ethernet (RJ45)  |
| Concurrent operations of all four radios   | 1x DC power connector (5.5 mm x 2.5 mm, center positive)                               |
| Supported frequency bands (country-specific restrictions apply):<br>2.412-2.484 GHz<br>5.150-5.250 GHz (UNII-1)<br>5.250-5.350 GHz (UNII-2)<br>5.470-5.600, 5.660-5.725 GHz (UNII-2e)<br>5.725 -5.825 GHz (UNII-3) |  |
| <b>802.11ac and 802.11n Capabilities</b>   | <b>Security</b>  |
| 2 x 2 multiple input, multiple output (MIMO) with two spatial streams  | Integrated layer 7 firewall with mobile device policy management                       |
| SU-MIMO and MU-MIMO support  | Real-time WIDS/WIPS with alerting and automatic rogue AP containment with Air Marshal  |
| Maximal ratio combining (MRC) & Beamforming  | Flexible guest access with device isolation  |
| 20 and 40 MHz channels (802.11n), 20, 40, and 80 MHz channels (802.11ac)   | VLAN tagging (802.1Q) and tunneling with IPSec VPN                                     |
| Up to 256 QAM on both 2.4 GHz and 5 GHz bands  | PCI compliance reporting   |
| Packet aggregation   | WEP, WPA, WPA2-PSK, WPA2-Enterprise with 802.1X  |
|  | EAP-TLS, EAP-TTLS, EAP-MSCHAPv2, EAP-SIM   |
|  | TKIP and AES encryption  |
|  | Enterprise Mobility Management (EMM) & Mobile Device Management (MDM) integration      |
| <b>Power</b>   | <b>Quality of Service</b>  |
| Power over Ethernet: 37 - 57 V (802.3af compatible)  | Advanced Power Save (U-APSD)   |
| Alternative 12 V DC input  | WMM Access Categories with DSCP and 802.1p support                                     |
| Power consumption: 11W max (802.3af)   | Layer 7 application traffic identification and shaping                                 |
| Power over Ethernet injector and DC adapter sold separately  |  |
| <b>Mounting</b>  | <b>Mobility</b>  |
| All standard mounting hardware included  | PMK, OKC, and 802.11r for fast Layer 2 roaming   |
| Desktop, ceiling, and wall mount capable   | Distributed or centralized layer 3 roaming   |
| Ceiling tile rail (9/16, 15/16 or 1 1/2" flush or recessed rails), assorted cable junction boxes   |  |
| Bubble level on mounting cradle for accurate horizontal wall mounting  | <b>LED Indicators</b>  |
|  | 2 Ethernet status  |
|  | 1 power/booting/firmware upgrade status  |
| <b>Physical Security</b>   | <b>Warranty</b>  |
| Two security screw options (Included)  | Lifetime hardware warranty with advanced replacement included                          |
| Kensington lock hard point   |  |
| Concealed mount plate with anti-tamper cable bay   | <b>Compliance</b>  |
|  | RoHS   |
| <b>Environment</b>   | EN 60601-1-2 EMC requirements for the Medical Directive 93/42/EEC                      |
| Operating temperature: 32 °F to 104 °F (0 °C to 40 °C)   |  |
| Humidity: 5 to 95% non-condensing  | <b>Ordering Information</b>  |
|  | MR33-HW: Meraki MR33 Cloud Managed 802.11ac AP   |
| <b>Physical Dimensions</b>   | MA-PWR-30W-XX: Meraki AC Adapter for MR Series (XX = US, EU, UK or AU)                 |
| 8.5" x 4.3" x 1.3" (215 mm x 110 mm x 32 mm), not including deskmount feet or mount plate  | MA-INJ-4-XX: Cisco Meraki 802.3at Power over Ethernet Injector (XX = US, EU, UK or AU) |
| Weight: 13.2 oz (376.5 g)  | Note: Meraki Enterprise license required.  |